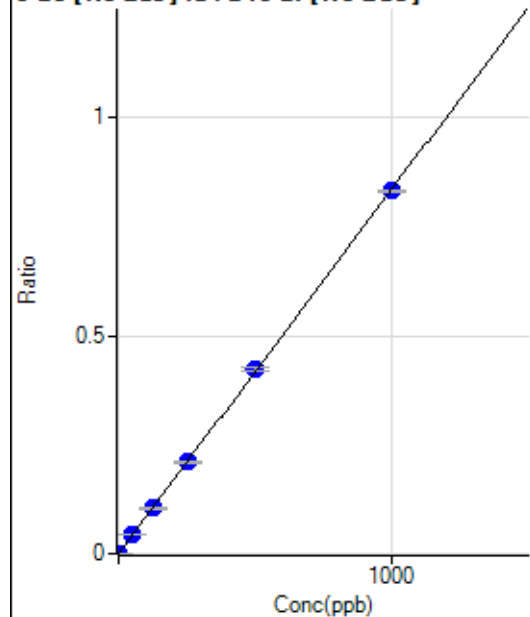


Batch Folder: D:\ICP-MS Data\P7071917 -MS .b\  
Analysis File: P7071917 -MS .batch.bin  
DA Date-Time: 2017-07-20 11:15:21  
Calibration Title:  
Calibration Method: External Calibration  
VIS Interpolation Fit:

| Level | Standard Data File     | Sample Name | Acq. Date-Time      |
|-------|------------------------|-------------|---------------------|
| 1     | 003CALB P7071917 -MS.D | S00         | 2017-07-19 11:47:39 |
| 2     |                        |             |                     |
| 3     | 005CALS P7071917 -MS.D | S02         | 2017-07-19 11:55:27 |
| 4     | 006CALS P7071917 -MS.D | S03         | 2017-07-19 11:59:14 |
| 5     | 007CALS P7071917 -MS.D | S04         | 2017-07-19 12:03:02 |
| 6     | 008CALS P7071917 -MS.D | S05         | 2017-07-19 12:06:45 |
| 7     | 009CALS P7071917 -MS.D | S06         | 2017-07-19 12:10:26 |
| 8     | 010CALS P7071917 -MS.D | S07         | 2017-07-19 12:14:02 |
| 9     | 011CALS P7071917 -MS.D | S08         | 2017-07-19 12:17:34 |

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

|   | R <sub>j</sub><br>ct     | Conc.    | Calc Conc. | CPS        | Ratio  | Det. | RSD |
|---|--------------------------|----------|------------|------------|--------|------|-----|
| 1 | <input type="checkbox"/> | 0.000    | 0.000      | 179.64     | 0.0001 | P    | 6.7 |
| 2 | <input type="checkbox"/> | 0.100    |            |            |        |      |     |
| 3 | <input type="checkbox"/> | 1.000    | 0.873      | 1170.44    | 0.0009 | P    | 2.9 |
| 4 | <input type="checkbox"/> | 50.000   | 50.652     | 57581.65   | 0.0424 | P    | 1.3 |
| 5 | <input type="checkbox"/> | 125.000  | 126.562    | 142691.53  | 0.1058 | P    | 4.2 |
| 6 | <input type="checkbox"/> | 250.000  | 250.990    | 276219.21  | 0.2098 | P    | 0.8 |
| 7 | <input type="checkbox"/> | 500.000  | 506.048    | 553602.66  | 0.4228 | P    | 2.0 |
| 8 | <input type="checkbox"/> | 1000.000 | 996.501    | 1089953.07 | 0.8325 | P    | 0.8 |
| 9 | <input type="checkbox"/> |          |            | 1153.78    | 0.0009 | P    | 1.9 |

$$y = 8.3529\text{E-}004 * x + 1.3027\text{E-}004$$

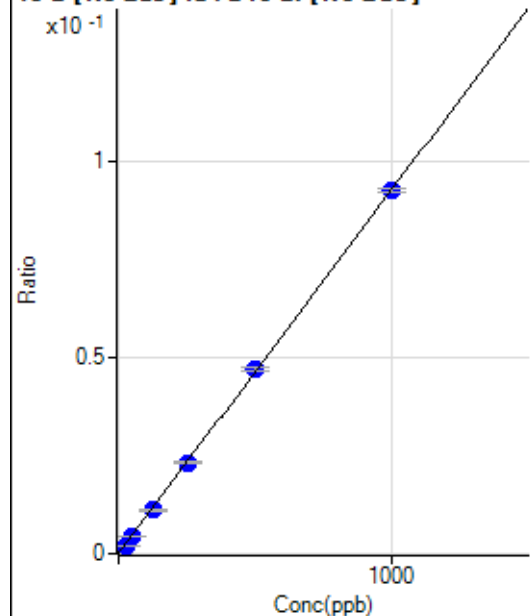
$$R = 1.0000$$

$$DL = 0.03138$$

$$BEC = 0.156$$

Weight: &lt;None&gt;

Min Conc: 0

**10 B [No Gas] ISTD:6 Li [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    | 0.0001 | P    | 13.4 |
| 2 | <input type="checkbox"/> | 2.500    |            |           |        |      |      |
| 3 | <input type="checkbox"/> | 25.000   | 21.305     | 2817.04   | 0.0021 | P    | 0.4  |
| 4 | <input type="checkbox"/> | 50.000   | 47.912     | 6151.50   | 0.0045 | P    | 3.1  |
| 5 | <input type="checkbox"/> | 125.000  | 119.481    | 15041.41  | 0.0112 | P    | 6.2  |
| 6 | <input type="checkbox"/> | 250.000  | 248.172    | 30392.58  | 0.0231 | P    | 1.9  |
| 7 | <input type="checkbox"/> | 500.000  | 507.572    | 61684.47  | 0.0471 | P    | 1.6  |
| 8 | <input type="checkbox"/> | 1000.000 | 997.558    | 121105.68 | 0.0925 | P    | 1.0  |
| 9 | <input type="checkbox"/> |          |            | 7477.13   | 0.0056 | P    | 5.2  |

$$y = 9.2628\text{E-}005 * x + 9.4684\text{E-}005$$

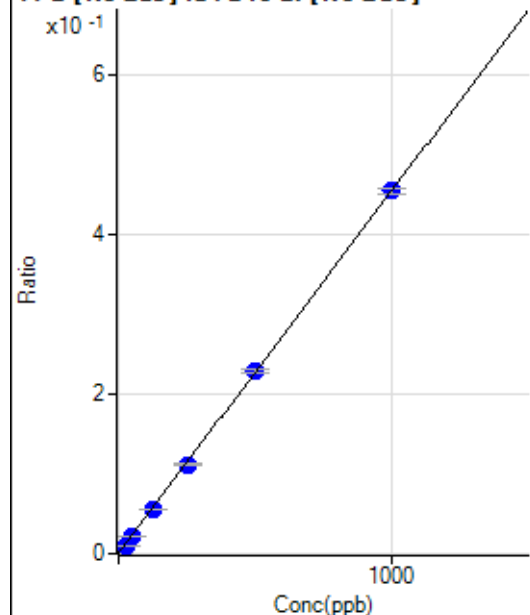
$$R = 0.9999$$

$$DL = 0.4123$$

$$BEC = 1.022$$

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      | 691.71    | 0.0005 | P    | 6.4 |
| 2 | <input type="checkbox"/> | 2.500    |            |           |        |      |     |
| 3 | <input type="checkbox"/> | 25.000   | 20.836     | 13584.40  | 0.0100 | P    | 5.9 |
| 4 | <input type="checkbox"/> | 50.000   | 47.389     | 29905.47  | 0.0220 | P    | 0.9 |
| 5 | <input type="checkbox"/> | 125.000  | 120.975    | 74812.65  | 0.0555 | P    | 3.5 |
| 6 | <input type="checkbox"/> | 250.000  | 244.435    | 146937.35 | 0.1116 | P    | 1.7 |
| 7 | <input type="checkbox"/> | 500.000  | 503.349    | 300160.90 | 0.2293 | P    | 2.7 |
| 8 | <input type="checkbox"/> | 1000.000 | 1000.454   | 595962.04 | 0.4552 | P    | 1.5 |
| 9 | <input type="checkbox"/> |          |            | 35960.38  | 0.0271 | P    | 6.5 |

$$y = 4.5449\text{E-}004 * x + 5.0151\text{E-}004$$

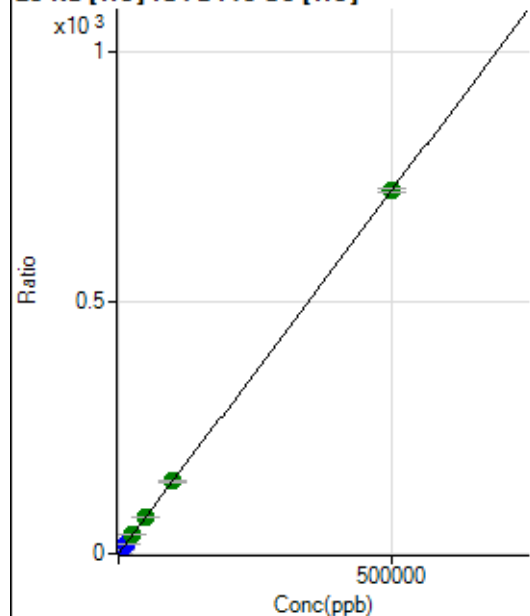
$$R = 1.0000$$

$$DL = 0.2133$$

$$BEC = 1.103$$

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      | 7110.25     | 0.0386   | P    | 2.0 |
| 2 | <input type="checkbox"/> | 50.000    |            |             |          |      |     |
| 3 | <input type="checkbox"/> | 500.000   | 477.245    | 137104.81   | 0.7279   | P    | 0.8 |
| 4 | <input type="checkbox"/> | 5000.000  | 5182.531   | 1442964.53  | 7.5242   | P    | 0.3 |
| 5 | <input type="checkbox"/> | 12500.000 | 12862.957  | 3603280.94  | 18.6178  | P    | 0.5 |
| 6 | <input type="checkbox"/> | 25000.000 | 25406.150  | 6892405.01  | 36.7351  | A    | 0.7 |
| 7 | <input type="checkbox"/> | 50000.000 | 50551.098  | 13983546.67 | 73.0544  | A    | 0.7 |
| 8 | <input type="checkbox"/> | 100000.00 | 99865.645  | 28018595.07 | 144.2842 | A    | 3.4 |
| 9 | <input type="checkbox"/> | 500000.00 | 499940.57  | 148398393.6 | 722.1509 | A    | 1.2 |

$$y = 0.0014 * x + 0.0386$$

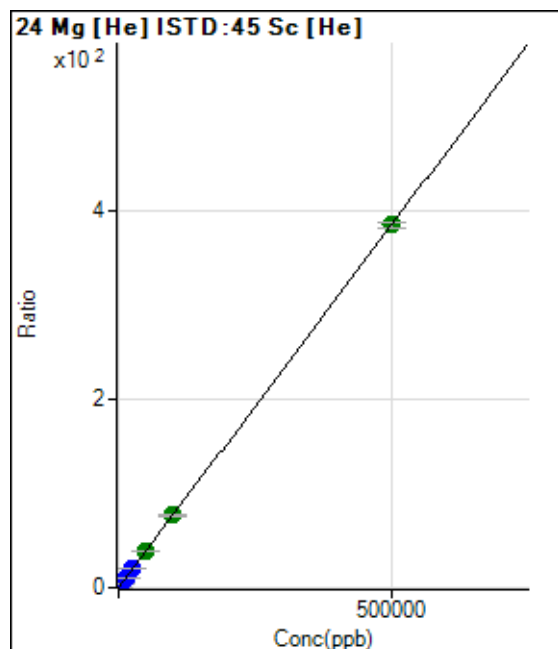
$$R = 1.0000$$

$$DL = 1.565$$

$$BEC = 26.72$$

Weight: &lt;None&gt;

Min Conc: 0



|   | R <sub>ct</sub>          | Conc.     | Calc Conc. | CPS         | Ratio    | Det. | RSD |
|---|--------------------------|-----------|------------|-------------|----------|------|-----|
| 1 | <input type="checkbox"/> | 0.000     | 0.000      | 1672.38     | 0.0091   | P    | 9.3 |
| 2 | <input type="checkbox"/> | 50.000    |            |             |          |      |     |
| 3 | <input type="checkbox"/> | 500.000   | 465.559    | 69257.81    | 0.3676   | P    | 1.0 |
| 4 | <input type="checkbox"/> | 5000.000  | 5164.942   | 764561.96   | 3.9868   | P    | 0.2 |
| 5 | <input type="checkbox"/> | 12500.000 | 12759.276  | 1903537.95  | 9.8354   | P    | 0.6 |
| 6 | <input type="checkbox"/> | 25000.000 | 25803.292  | 3730022.39  | 19.8810  | P    | 1.2 |
| 7 | <input type="checkbox"/> | 50000.000 | 50452.637  | 7439137.41  | 38.8642  | A    | 0.3 |
| 8 | <input type="checkbox"/> | 100000.00 | 99465.095  | 14878511.10 | 76.6101  | A    | 2.8 |
| 9 | <input type="checkbox"/> | 500000.00 | 500013.45  | 79132135.80 | 385.0844 | A    | 1.3 |

$$y = 7.7013\text{E-}004 * x + 0.0091$$

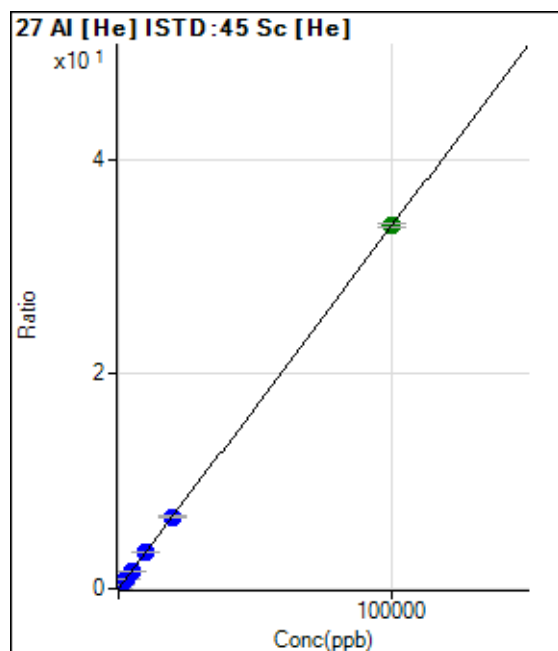
$$R = 1.0000$$

$$DL = 3.286$$

$$BEC = 11.79$$

Weight: <None>

Min Conc: 0



|   | R <sub>ct</sub>          | Conc.     | Calc Conc. | CPS        | Ratio   | Det. | RSD  |
|---|--------------------------|-----------|------------|------------|---------|------|------|
| 1 | <input type="checkbox"/> | 0.000     | 0.000      | 38.89      | 0.0002  | P    | 44.1 |
| 2 | <input type="checkbox"/> | 2.000     |            |            |         |      |      |
| 3 | <input type="checkbox"/> | 20.000    | 17.518     | 1155.65    | 0.0061  | P    | 9.9  |
| 4 | <input type="checkbox"/> | 1000.000  | 1015.305   | 65820.49   | 0.3432  | P    | 0.8  |
| 5 | <input type="checkbox"/> | 2500.000  | 2500.724   | 163546.23  | 0.8450  | P    | 1.5  |
| 6 | <input type="checkbox"/> | 5000.000  | 4999.704   | 316942.62  | 1.6893  | P    | 1.0  |
| 7 | <input type="checkbox"/> | 10000.000 | 9862.755   | 637825.05  | 3.3322  | P    | 0.4  |
| 8 | <input type="checkbox"/> | 20000.000 | 19784.987  | 1298182.94 | 6.6843  | P    | 2.7  |
| 9 | <input type="checkbox"/> | 100000.00 | 100056.57  | 6946415.17 | 33.8027 | A    | 1.0  |

$$y = 3.3783\text{E-}004 * x + 2.1076\text{E-}004$$

$$R = 1.0000$$

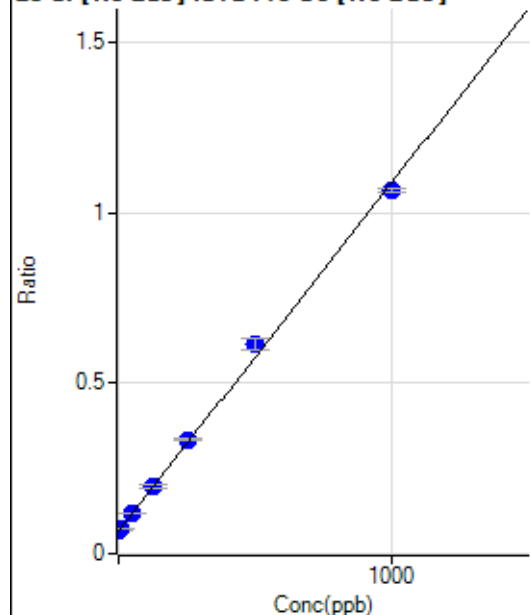
$$DL = 0.8262$$

$$BEC = 0.6238$$

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      | 290001.94  | 0.0663 | P    | 0.8 |
| 2 | <input type="checkbox"/> | 1.000    |            |            |        |      |     |
| 3 | <input type="checkbox"/> | 10.000   | 9.202      | 325860.24  | 0.0757 | P    | 1.2 |
| 4 | <input type="checkbox"/> | 50.000   | 50.027     | 504111.75  | 0.1175 | P    | 0.3 |
| 5 | <input type="checkbox"/> | 125.000  | 129.226    | 841371.80  | 0.1985 | P    | 5.9 |
| 6 | <input type="checkbox"/> | 250.000  | 263.086    | 1390789.69 | 0.3353 | P    | 0.4 |
| 7 | <input type="checkbox"/> | 500.000  | 537.835    | 2567324.97 | 0.6162 | P    | 5.0 |
| 8 | <input type="checkbox"/> | 1000.000 | 977.290    | 4562008.52 | 1.0655 | P    | 1.0 |
| 9 | <input type="checkbox"/> |          |            | 369555.69  | 0.0840 | P    | 1.5 |

$$y = 0.0010 * x + 0.0663$$

$$R = 0.9988$$

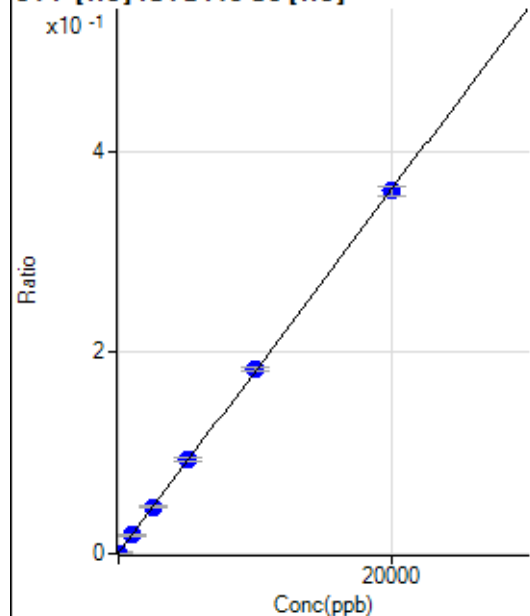
$$DL = 1.507$$

$$BEC = 64.89$$

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     | 8.744      | 169.46   | 0.0009 | P    | 12.3 |
| 2 | <input type="checkbox"/> | 0.000     |            |          |        |      |      |
| 3 | <input type="checkbox"/> | 0.000     | -8.744     | 113.90   | 0.0006 | P    | 29.0 |
| 4 | <input type="checkbox"/> | 1000.000  | 981.528    | 3547.77  | 0.0185 | P    | 5.5  |
| 5 | <input type="checkbox"/> | 2500.000  | 2540.033   | 9030.92  | 0.0467 | P    | 1.7  |
| 6 | <input type="checkbox"/> | 5000.000  | 5104.787   | 17449.73 | 0.0930 | P    | 3.8  |
| 7 | <input type="checkbox"/> | 10000.000 | 10083.385  | 35025.49 | 0.1830 | P    | 2.4  |
| 8 | <input type="checkbox"/> | 20000.000 | 19928.030  | 70093.07 | 0.3609 | P    | 2.4  |
| 9 | <input type="checkbox"/> |           |            | 191.68   | 0.0009 | P    | 7.6  |

$$y = 1.8071E-005 * x + 7.6173E-004$$

$$R = 1.0000$$

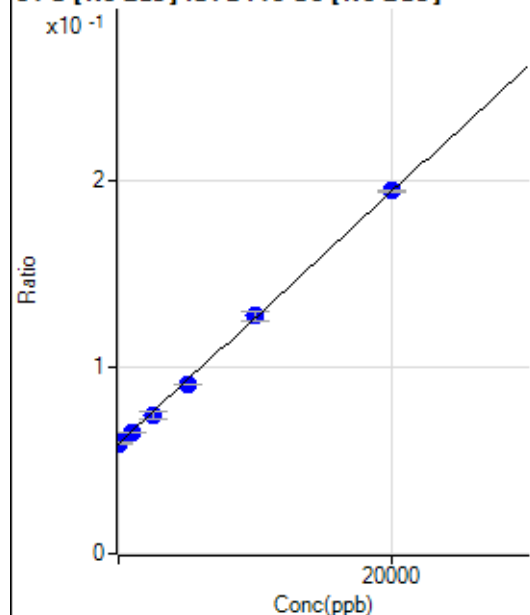
$$DL = 23.91$$

$$BEC = 42.15$$

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     | -93.537    | 256063.01 | 0.0586 | P    | 0.5 |
| 2 | <input type="checkbox"/> | 0.000     |            |           |        |      |     |
| 3 | <input type="checkbox"/> | 0.000     | 93.537     | 257437.83 | 0.0598 | P    | 1.6 |
| 4 | <input type="checkbox"/> | 1000.000  | 858.894    | 279033.61 | 0.0650 | P    | 0.8 |
| 5 | <input type="checkbox"/> | 2500.000  | 2265.257   | 316140.89 | 0.0746 | P    | 5.3 |
| 6 | <input type="checkbox"/> | 5000.000  | 4656.392   | 376388.00 | 0.0907 | P    | 0.1 |
| 7 | <input type="checkbox"/> | 10000.000 | 10142.666  | 532974.13 | 0.1279 | P    | 4.3 |
| 8 | <input type="checkbox"/> | 20000.000 | 20050.967  | 834883.66 | 0.1950 | P    | 0.9 |
| 9 | <input type="checkbox"/> |           |            | 256730.00 | 0.0584 | P    | 0.6 |

$$y = 6.7714\text{E-}006 * x + 0.0592$$

$$R = 0.9997$$

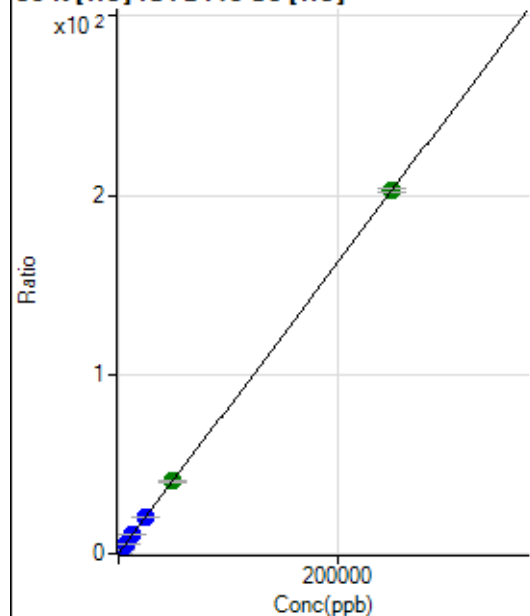
$$DL = 276.2$$

$$BEC = 8745$$

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      | 27203.68    | 0.1477   | P    | 2.5 |
| 2 | <input type="checkbox"/> | 50.000    |            |             |          |      |     |
| 3 | <input type="checkbox"/> | 500.000   | 451.789    | 96666.99    | 0.5132   | P    | 0.6 |
| 4 | <input type="checkbox"/> | 2500.000  | 2547.501   | 423599.67   | 2.2088   | P    | 0.4 |
| 5 | <input type="checkbox"/> | 6250.000  | 6243.376   | 1006236.18  | 5.1991   | P    | 0.6 |
| 6 | <input type="checkbox"/> | 12500.000 | 12672.404  | 1951428.52  | 10.4008  | P    | 0.8 |
| 7 | <input type="checkbox"/> | 25000.000 | 25447.293  | 3969302.04  | 20.7368  | P    | 0.7 |
| 8 | <input type="checkbox"/> | 50000.000 | 49726.664  | 7843131.17  | 40.3810  | A    | 2.4 |
| 9 | <input type="checkbox"/> | 250000.00 | 250001.10  | 41596870.03 | 202.4209 | A    | 1.1 |

$$y = 8.0909\text{E-}004 * x + 0.1477$$

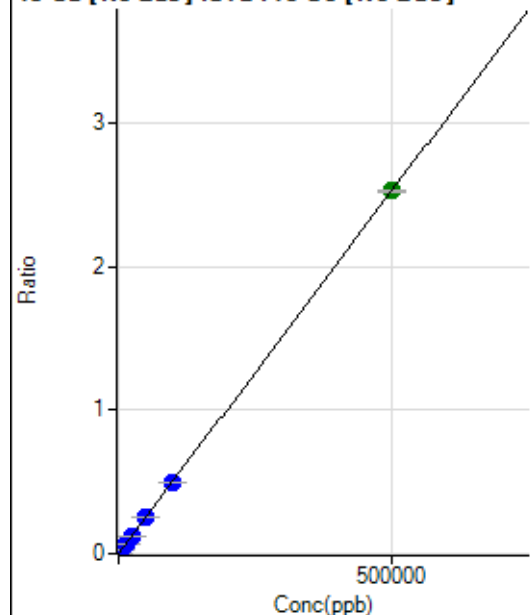
$$R = 1.0000$$

$$DL = 13.47$$

$$BEC = 182.5$$

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      | 227.79      | 0.0001 | P    | 10.4 |
| 2 | <input type="checkbox"/> | 50.000    |            |             |        |      |      |
| 3 | <input type="checkbox"/> | 500.000   | 439.722    | 9789.78     | 0.0023 | P    | 2.3  |
| 4 | <input type="checkbox"/> | 5000.000  | 4897.170   | 106444.71   | 0.0248 | P    | 1.0  |
| 5 | <input type="checkbox"/> | 12500.000 | 12476.589  | 267659.36   | 0.0631 | P    | 5.5  |
| 6 | <input type="checkbox"/> | 25000.000 | 24875.009  | 521788.67   | 0.1258 | P    | 0.7  |
| 7 | <input type="checkbox"/> | 50000.000 | 50283.764  | 1059409.91  | 0.2542 | P    | 4.7  |
| 8 | <input type="checkbox"/> | 100000.00 | 97957.982  | 2120538.29  | 0.4952 | P    | 0.7  |
| 9 | <input type="checkbox"/> | 500000.00 | 500387.95  | 11125928.03 | 2.5296 | A    | 0.7  |

$$y = 5.0552\text{E-}006 * x + 5.2083\text{E-}005$$

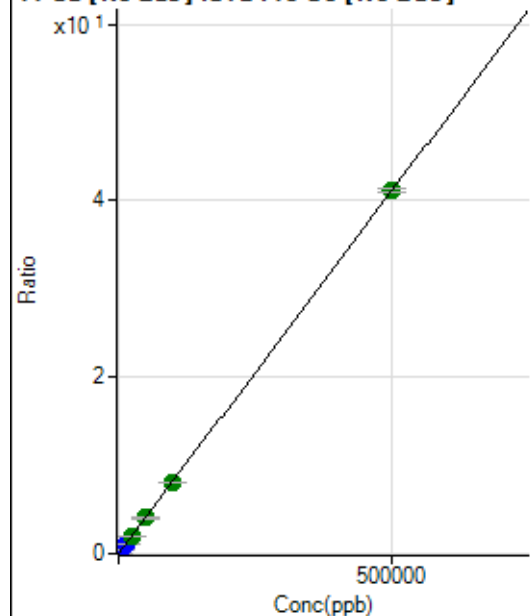
$$R = 1.0000$$

$$DL = 3.217$$

$$BEC = 10.3$$

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      | 6712.97     | 0.0015  | P    | 4.0 |
| 2 | <input type="checkbox"/> | 50.000    |            |             |         |      |     |
| 3 | <input type="checkbox"/> | 500.000   | 436.604    | 160885.93   | 0.0374  | P    | 1.3 |
| 4 | <input type="checkbox"/> | 5000.000  | 4910.177   | 1737174.60  | 0.4049  | P    | 0.9 |
| 5 | <input type="checkbox"/> | 12500.000 | 12523.331  | 4367907.56  | 1.0302  | P    | 5.9 |
| 6 | <input type="checkbox"/> | 25000.000 | 24644.381  | 8402961.91  | 2.0259  | A    | 0.4 |
| 7 | <input type="checkbox"/> | 50000.000 | 49897.703  | 17087286.49 | 4.1002  | A    | 4.3 |
| 8 | <input type="checkbox"/> | 100000.00 | 97490.245  | 34295490.70 | 8.0096  | A    | 0.6 |
| 9 | <input type="checkbox"/> | 500000.00 | 500530.34  | 180836645.7 | 41.1162 | A    | 1.0 |

$$y = 8.2142\text{E-}005 * x + 0.0015$$

$$R = 1.0000$$

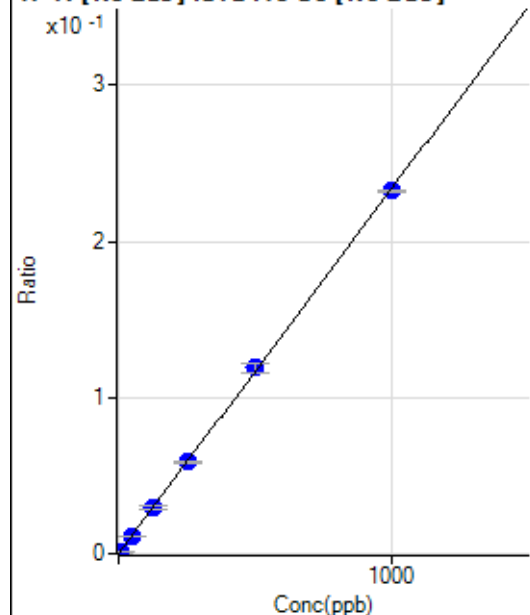
$$DL = 2.267$$

$$BEC = 18.69$$

Weight: &lt;None&gt;

Min Conc: 0

47 Ti [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      | 100.00    | 0.0000 | P    | 17.4 |
| 2 | <input type="checkbox"/> | 0.500    |            |           |        |      |      |
| 3 | <input type="checkbox"/> | 5.000    | 4.392      | 4514.78   | 0.0010 | P    | 2.8  |
| 4 | <input type="checkbox"/> | 50.000   | 49.675     | 49905.28  | 0.0116 | P    | 0.7  |
| 5 | <input type="checkbox"/> | 125.000  | 125.995    | 124888.53 | 0.0295 | P    | 6.5  |
| 6 | <input type="checkbox"/> | 250.000  | 251.249    | 243609.17 | 0.0587 | P    | 0.9  |
| 7 | <input type="checkbox"/> | 500.000  | 510.081    | 496625.86 | 0.1192 | P    | 5.6  |
| 8 | <input type="checkbox"/> | 1000.000 | 994.542    | 995167.85 | 0.2324 | P    | 0.6  |
| 9 | <input type="checkbox"/> |          |            | 1905.77   | 0.0004 | P    | 1.5  |

$$y = 2.3367E-004 * x + 2.2899E-005$$

$$R = 0.9999$$

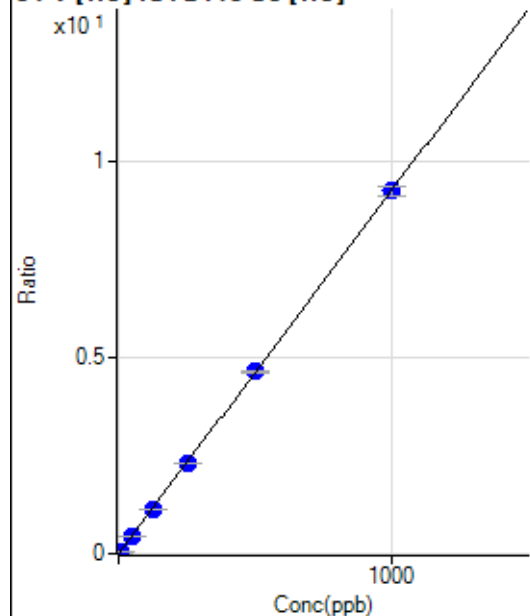
$$DL = 0.05118$$

$$BEC = 0.098$$

Weight: &lt;None&gt;

Min Conc: 0

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



|   | R <sub>ct</sub>          | Conc.    | Calc Conc. | CPS        | Ratio  | Det. | RSD  |
|---|--------------------------|----------|------------|------------|--------|------|------|
| 1 | <input type="checkbox"/> | 0.000    | 0.000      | 56.67      | 0.0003 | P    | 20.9 |
| 2 | <input type="checkbox"/> | 0.500    |            |            |        |      |      |
| 3 | <input type="checkbox"/> | 5.000    | 4.494      | 7896.68    | 0.0419 | P    | 3.2  |
| 4 | <input type="checkbox"/> | 50.000   | 50.007     | 88913.51   | 0.4636 | P    | 0.7  |
| 5 | <input type="checkbox"/> | 125.000  | 123.506    | 221524.03  | 1.1446 | P    | 0.9  |
| 6 | <input type="checkbox"/> | 250.000  | 250.369    | 435282.62  | 2.3200 | P    | 0.9  |
| 7 | <input type="checkbox"/> | 500.000  | 500.736    | 888101.45  | 4.6397 | P    | 0.2  |
| 8 | <input type="checkbox"/> | 1000.000 | 999.729    | 1799030.21 | 9.2629 | P    | 2.6  |
| 9 | <input type="checkbox"/> |          |            | 955.60     | 0.0046 | P    | 4.9  |

$$y = 0.0093 * x + 3.0748E-004$$

$$R = 1.0000$$

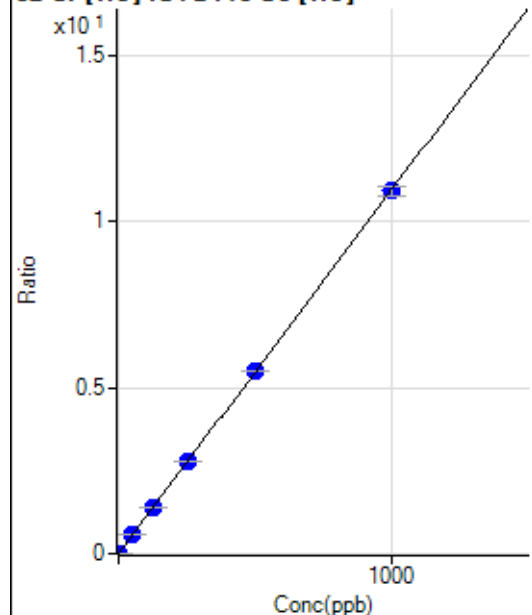
$$DL = 0.02084$$

$$BEC = 0.03319$$

Weight: &lt;None&gt;

Min Conc: 0



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

|   | R <sub>ct</sub>          | Conc.    | Calc Conc. | CPS        | Ratio   | Det. | RSD |
|---|--------------------------|----------|------------|------------|---------|------|-----|
| 1 | <input type="checkbox"/> | 0.000    | 0.000      | 480.02     | 0.0026  | P    | 8.5 |
| 2 | <input type="checkbox"/> | 0.200    |            |            |         |      |     |
| 3 | <input type="checkbox"/> | 2.000    | 2.022      | 4666.37    | 0.0248  | P    | 1.4 |
| 4 | <input type="checkbox"/> | 50.000   | 51.178     | 108065.38  | 0.5635  | P    | 0.3 |
| 5 | <input type="checkbox"/> | 125.000  | 125.199    | 266062.69  | 1.3747  | P    | 1.0 |
| 6 | <input type="checkbox"/> | 250.000  | 252.737    | 520176.25  | 2.7725  | P    | 1.1 |
| 7 | <input type="checkbox"/> | 500.000  | 503.065    | 1055839.04 | 5.5160  | P    | 0.4 |
| 8 | <input type="checkbox"/> | 1000.000 | 997.699    | 2124088.46 | 10.9370 | P    | 2.8 |
| 9 | <input type="checkbox"/> |          |            | 54760.26   | 0.2665  | P    | 1.9 |

$$y = 0.0110 * x + 0.0026$$

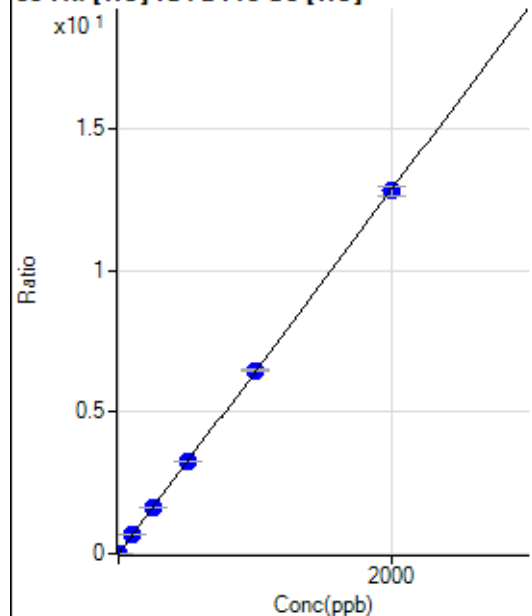
$$R = 1.0000$$

$$DL = 0.06052$$

$$BEC = 0.2376$$

Weight: &lt;None&gt;

Min Conc: 0

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

|   | R <sub>ct</sub>          | Conc.    | Calc Conc. | CPS        | Ratio   | Det. | RSD |
|---|--------------------------|----------|------------|------------|---------|------|-----|
| 1 | <input type="checkbox"/> | 0.000    | 0.000      | 572.24     | 0.0031  | P    | 3.9 |
| 2 | <input type="checkbox"/> | 0.100    |            |            |         |      |     |
| 3 | <input type="checkbox"/> | 1.000    | 0.948      | 1730.13    | 0.0092  | P    | 1.2 |
| 4 | <input type="checkbox"/> | 100.000  | 101.957    | 125995.85  | 0.6570  | P    | 0.4 |
| 5 | <input type="checkbox"/> | 250.000  | 252.023    | 313420.42  | 1.6194  | P    | 0.6 |
| 6 | <input type="checkbox"/> | 500.000  | 507.501    | 611263.44  | 3.2579  | P    | 0.6 |
| 7 | <input type="checkbox"/> | 1000.000 | 1006.616   | 1236321.27 | 6.4589  | P    | 0.6 |
| 8 | <input type="checkbox"/> | 2000.000 | 1994.466   | 2484820.54 | 12.7943 | P    | 2.8 |
| 9 | <input type="checkbox"/> |          |            | 11303.37   | 0.0550  | P    | 0.8 |

$$y = 0.0064 * x + 0.0031$$

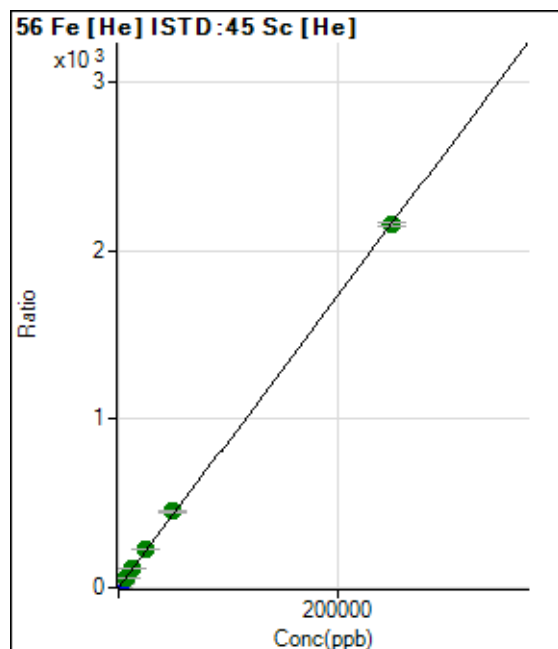
$$R = 1.0000$$

$$DL = 0.05721$$

$$BEC = 0.4844$$

Weight: &lt;None&gt;

Min Conc: 0



|   | R <sub>ct</sub>          | Conc.     | Calc Conc. | CPS         | Ratio     | Det. | RSD |
|---|--------------------------|-----------|------------|-------------|-----------|------|-----|
| 1 | <input type="checkbox"/> | 0.000     | 0.000      | 4478.58     | 0.0243    | P    | 3.2 |
| 2 | <input type="checkbox"/> | 5.000     |            |             |           |      |     |
| 3 | <input type="checkbox"/> | 50.000    | 49.691     | 85451.27    | 0.4536    | P    | 1.0 |
| 4 | <input type="checkbox"/> | 2500.000  | 2759.398   | 4576046.40  | 23.8614   | P    | 0.3 |
| 5 | <input type="checkbox"/> | 6250.000  | 6618.735   | 11070370.85 | 57.2004   | A    | 0.9 |
| 6 | <input type="checkbox"/> | 12500.000 | 13371.517  | 21676506.97 | 115.5345  | A    | 1.2 |
| 7 | <input type="checkbox"/> | 25000.000 | 26502.628  | 43827624.13 | 228.9680  | A    | 0.2 |
| 8 | <input type="checkbox"/> | 50000.000 | 52358.445  | 87843911.23 | 452.3242  | A    | 3.0 |
| 9 | <input type="checkbox"/> | 250000.00 | 249322.66  | 442595298.7 | 2,153.805 | A    | 1.2 |

$$y = 0.0086 * x + 0.0243$$

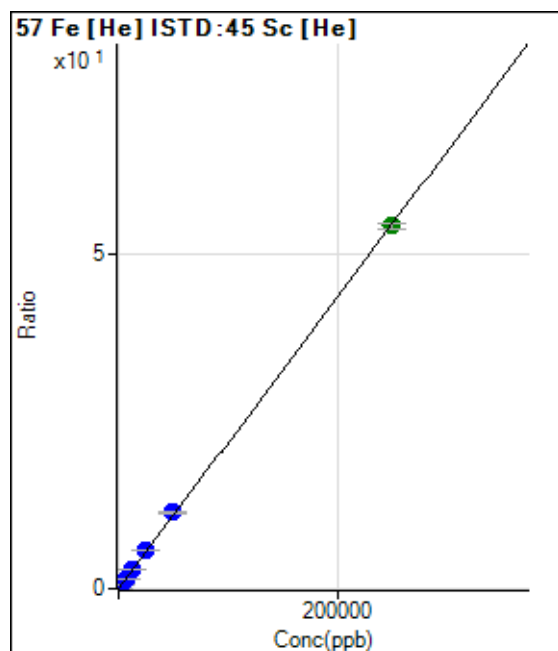
$$R = 0.9999$$

$$DL = 0.2698$$

$$BEC = 2.814$$

Weight: <None>

Min Conc: 0



|   | R <sub>ct</sub>          | Conc.     | Calc Conc. | CPS         | Ratio   | Det. | RSD |
|---|--------------------------|-----------|------------|-------------|---------|------|-----|
| 1 | <input type="checkbox"/> | 0.000     | 0.000      | 220.38      | 0.0012  | P    | 3.2 |
| 2 | <input type="checkbox"/> | 5.000     |            |             |         |      |     |
| 3 | <input type="checkbox"/> | 50.000    | 49.246     | 2246.53     | 0.0119  | P    | 4.3 |
| 4 | <input type="checkbox"/> | 2500.000  | 2664.821   | 111610.09   | 0.5820  | P    | 0.8 |
| 5 | <input type="checkbox"/> | 6250.000  | 6582.855   | 277894.35   | 1.4359  | P    | 1.5 |
| 6 | <input type="checkbox"/> | 12500.000 | 13254.250  | 542207.97   | 2.8899  | P    | 1.3 |
| 7 | <input type="checkbox"/> | 25000.000 | 26414.453  | 1102182.27  | 5.7581  | P    | 0.8 |
| 8 | <input type="checkbox"/> | 50000.000 | 52294.765  | 2213815.56  | 11.3986 | P    | 2.7 |
| 9 | <input type="checkbox"/> | 250000.00 | 249351.92  | 11167725.71 | 54.3465 | A    | 1.5 |

$$y = 2.1795E-004 * x + 0.0012$$

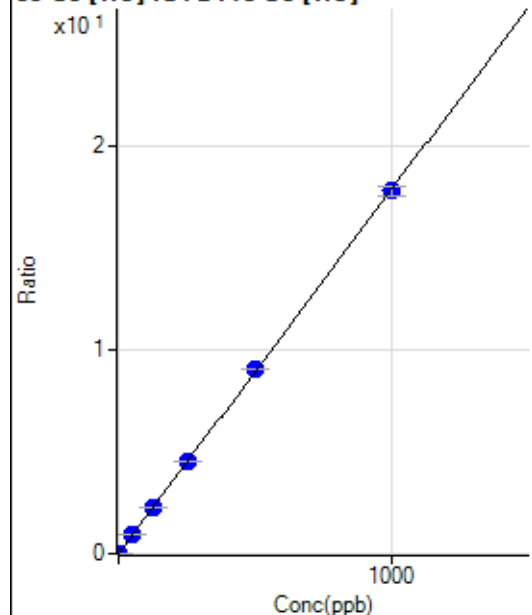
$$R = 0.9999$$

$$DL = 0.5275$$

$$BEC = 5.487$$

Weight: <None>

Min Conc: 0

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

|   | R <sub>ct</sub>          | Conc.    | Calc Conc. | CPS        | Ratio   | Det. | RSD  |
|---|--------------------------|----------|------------|------------|---------|------|------|
| 1 | <input type="checkbox"/> | 0.000    | 0.000      | 334.46     | 0.0018  | P    | 12.7 |
| 2 | <input type="checkbox"/> | 0.100    |            |            |         |      |      |
| 3 | <input type="checkbox"/> | 1.000    | 0.923      | 3447.13    | 0.0183  | P    | 3.7  |
| 4 | <input type="checkbox"/> | 50.000   | 51.706     | 177629.08  | 0.9262  | P    | 0.6  |
| 5 | <input type="checkbox"/> | 125.000  | 126.682    | 438685.40  | 2.2667  | P    | 0.6  |
| 6 | <input type="checkbox"/> | 250.000  | 254.120    | 852759.95  | 4.5450  | P    | 0.7  |
| 7 | <input type="checkbox"/> | 500.000  | 505.156    | 1729060.62 | 9.0331  | P    | 0.3  |
| 8 | <input type="checkbox"/> | 1000.000 | 996.097    | 3458989.53 | 17.8103 | P    | 2.8  |
| 9 | <input type="checkbox"/> |          |            | 6100.25    | 0.0297  | P    | 4.7  |

$$y = 0.0179 * x + 0.0018$$

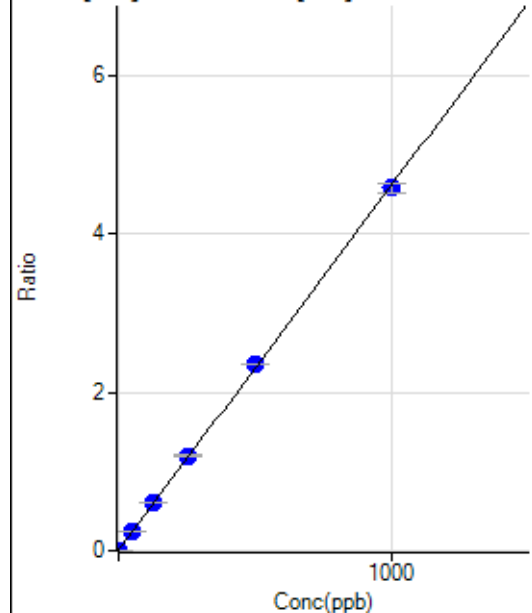
$$R = 1.0000$$

$$DL = 0.0388$$

$$BEC = 0.1015$$

Weight: &lt;None&gt;

Min Conc: 0

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

|   | R <sub>ct</sub>          | Conc.    | Calc Conc. | CPS       | Ratio  | Det. | RSD |
|---|--------------------------|----------|------------|-----------|--------|------|-----|
| 1 | <input type="checkbox"/> | 0.000    | 0.000      | 712.25    | 0.0039 | P    | 1.9 |
| 2 | <input type="checkbox"/> | 0.100    |            |           |        |      |     |
| 3 | <input type="checkbox"/> | 1.000    | 0.891      | 1501.21   | 0.0080 | P    | 3.4 |
| 4 | <input type="checkbox"/> | 50.000   | 52.923     | 47535.87  | 0.2479 | P    | 0.7 |
| 5 | <input type="checkbox"/> | 125.000  | 130.017    | 116764.32 | 0.6033 | P    | 1.0 |
| 6 | <input type="checkbox"/> | 250.000  | 258.666    | 224475.61 | 1.1965 | P    | 1.5 |
| 7 | <input type="checkbox"/> | 500.000  | 508.321    | 449350.36 | 2.3475 | P    | 0.1 |
| 8 | <input type="checkbox"/> | 1000.000 | 992.900    | 889868.42 | 4.5817 | P    | 2.6 |
| 9 | <input type="checkbox"/> |          |            | 14653.06  | 0.0713 | P    | 2.0 |

$$y = 0.0046 * x + 0.0039$$

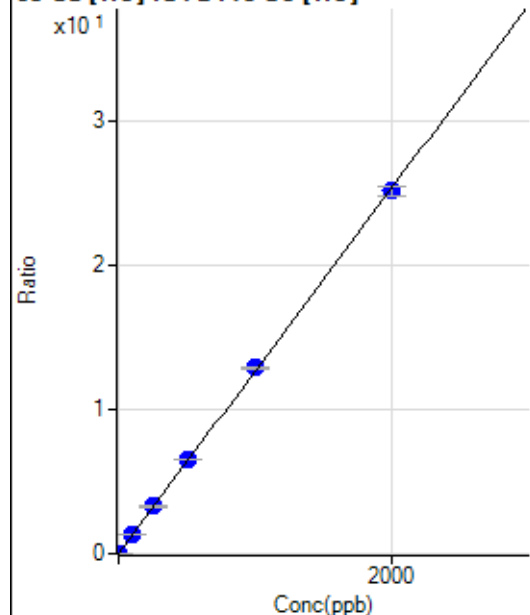
$$R = 0.9999$$

$$DL = 0.04895$$

$$BEC = 0.8384$$

Weight: &lt;None&gt;

Min Conc: 0

**<sup>63</sup>Cu [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      | 1112.29    | 0.0060  | P   | 6.2 |
| 2 | <input type="checkbox"/> | 0.200    |            |            |         |     |     |
| 3 | <input type="checkbox"/> | 2.000    | 2.289      | 6598.24    | 0.0350  | P   | 4.4 |
| 4 | <input type="checkbox"/> | 100.000  | 105.637    | 257915.80  | 1.3449  | P   | 0.4 |
| 5 | <input type="checkbox"/> | 250.000  | 257.752    | 633408.09  | 3.2728  | P   | 0.9 |
| 6 | <input type="checkbox"/> | 500.000  | 516.684    | 1229714.19 | 6.5545  | P   | 1.4 |
| 7 | <input type="checkbox"/> | 1000.000 | 1016.905   | 2468136.82 | 12.8942 | P   | 0.3 |
| 8 | <input type="checkbox"/> | 2000.000 | 1986.125   | 4889920.76 | 25.1781 | P   | 2.8 |
| 9 | <input type="checkbox"/> |          |            | 11575.85   | 0.0563  | P   | 1.7 |

$$y = 0.0127 * x + 0.0060$$

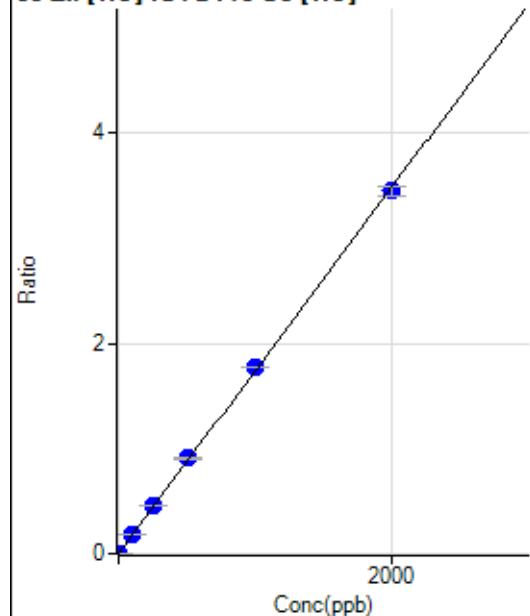
$$R = 0.9999$$

$$DL = 0.08892$$

$$BEC = 0.4764$$

Weight: &lt;None&gt;

Min Conc: 0

**<sup>66</sup>Zn [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      | 166.67    | 0.0009 | P   | 7.7 |
| 2 | <input type="checkbox"/> | 0.200    |            |           |        |     |     |
| 3 | <input type="checkbox"/> | 2.000    | 2.357      | 943.38    | 0.0050 | P   | 6.9 |
| 4 | <input type="checkbox"/> | 100.000  | 107.722    | 36133.70  | 0.1884 | P   | 1.5 |
| 5 | <input type="checkbox"/> | 250.000  | 262.571    | 88632.27  | 0.4580 | P   | 0.6 |
| 6 | <input type="checkbox"/> | 500.000  | 521.039    | 170325.43 | 0.9079 | P   | 1.8 |
| 7 | <input type="checkbox"/> | 1000.000 | 1019.975   | 340019.29 | 1.7764 | P   | 0.2 |
| 8 | <input type="checkbox"/> | 2000.000 | 1982.795   | 670481.39 | 3.4523 | P   | 2.8 |
| 9 | <input type="checkbox"/> |          |            | 4990.94   | 0.0243 | P   | 0.9 |

$$y = 0.0017 * x + 9.0486E-004$$

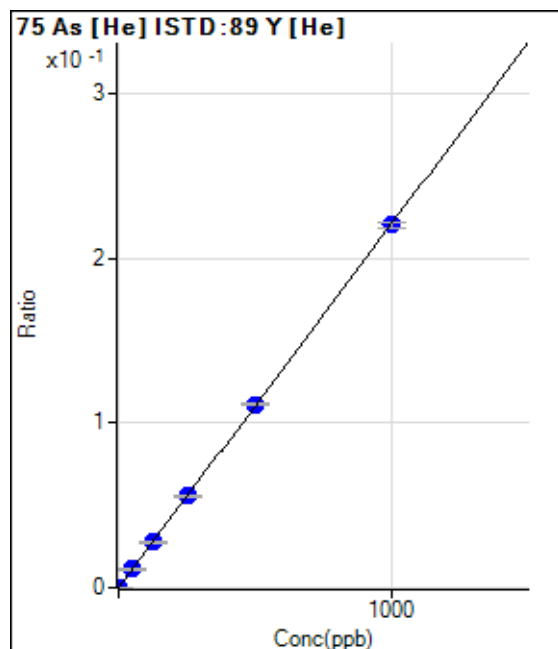
$$R = 0.9999$$

$$DL = 0.1205$$

$$BEC = 0.5198$$

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      | 15.43     | 0.0000 | P   | 49.1 |
| 2 | <input type="checkbox"/> | 0.100    |            |           |        |     |      |
| 3 | <input type="checkbox"/> | 1.000    | 0.971      | 260.50    | 0.0002 | P   | 10.5 |
| 4 | <input type="checkbox"/> | 50.000   | 50.252     | 12970.68  | 0.0111 | P   | 1.3  |
| 5 | <input type="checkbox"/> | 125.000  | 124.340    | 32046.99  | 0.0274 | P   | 1.5  |
| 6 | <input type="checkbox"/> | 250.000  | 251.391    | 62995.36  | 0.0555 | P   | 0.6  |
| 7 | <input type="checkbox"/> | 500.000  | 504.345    | 127788.49 | 0.1113 | P   | 1.0  |
| 8 | <input type="checkbox"/> | 1000.000 | 997.549    | 256717.66 | 0.2200 | P   | 1.9  |
| 9 | <input type="checkbox"/> |          |            | 211.11    | 0.0002 | P   | 2.2  |

$$y = 2.2056\text{E-}004 * x + 1.3831\text{E-}005$$

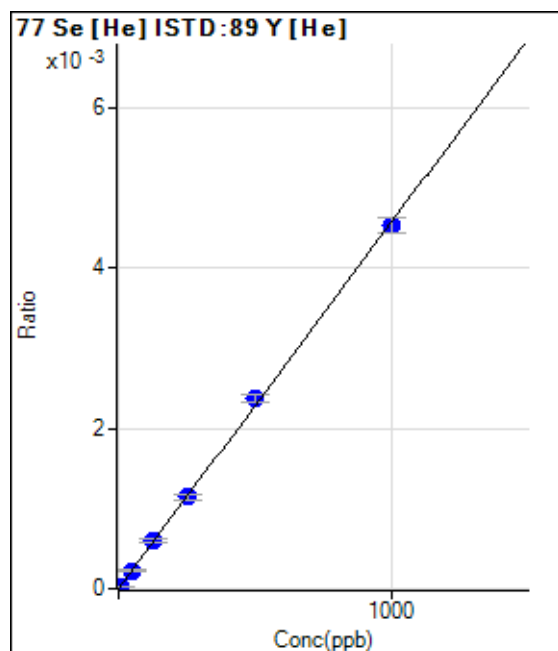
$$R = 1.0000$$

$$DL = 0.09237$$

$$BEC = 0.06271$$

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      | 0.00    | 0.0000 | P   |       |
| 2 | <input type="checkbox"/> | 0.500    |            |         |        |     |       |
| 3 | <input type="checkbox"/> | 5.000    | 5.764      | 30.00   | 0.0000 | P   | 31.9  |
| 4 | <input type="checkbox"/> | 50.000   | 47.862     | 255.56  | 0.0002 | P   | 11.6  |
| 5 | <input type="checkbox"/> | 125.000  | 131.084    | 700.03  | 0.0006 | P   | 8.9   |
| 6 | <input type="checkbox"/> | 250.000  | 249.507    | 1295.63 | 0.0011 | P   | 5.6   |
| 7 | <input type="checkbox"/> | 500.000  | 519.490    | 2726.97 | 0.0024 | P   | 4.2   |
| 8 | <input type="checkbox"/> | 1000.000 | 989.721    | 5276.60 | 0.0045 | P   | 4.3   |
| 9 | <input type="checkbox"/> |          |            | 10.00   | 0.0000 | P   | 116.1 |

$$y = 4.5710\text{E-}006 * x + 0.0000\text{E+}000$$

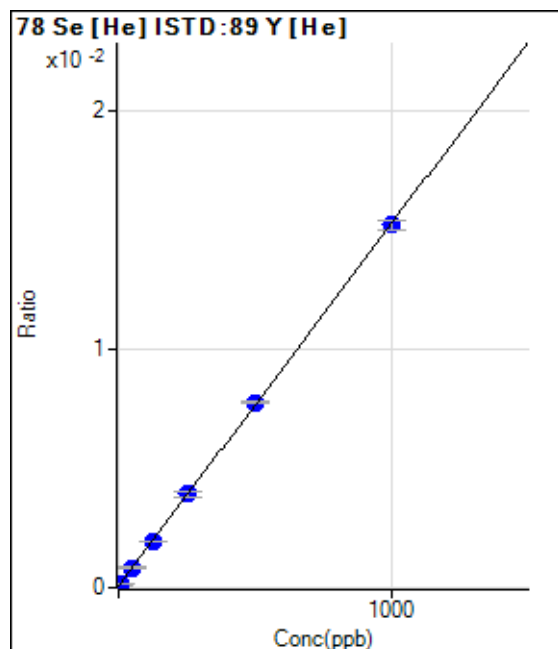
$$R = 0.9997$$

$$DL = 0$$

$$BEC = 0$$

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      | 72.84    | 0.0001 | P   | 16.0 |
| 2 | <input type="checkbox"/> | 0.500    |            |          |        |     |      |
| 3 | <input type="checkbox"/> | 5.000    | 4.546      | 153.71   | 0.0001 | P   | 6.0  |
| 4 | <input type="checkbox"/> | 50.000   | 51.030     | 983.38   | 0.0008 | P   | 3.3  |
| 5 | <input type="checkbox"/> | 125.000  | 124.068    | 2279.83  | 0.0020 | P   | 2.1  |
| 6 | <input type="checkbox"/> | 250.000  | 253.527    | 4452.57  | 0.0039 | P   | 4.7  |
| 7 | <input type="checkbox"/> | 500.000  | 505.635    | 8907.12  | 0.0078 | P   | 1.1  |
| 8 | <input type="checkbox"/> | 1000.000 | 996.368    | 17752.28 | 0.0152 | P   | 2.7  |
| 9 | <input type="checkbox"/> |          |            | 78.40    | 0.0001 | P   | 15.8 |

$$y = 1.5207\text{E-}005 * x + 6.5208\text{E-}005$$

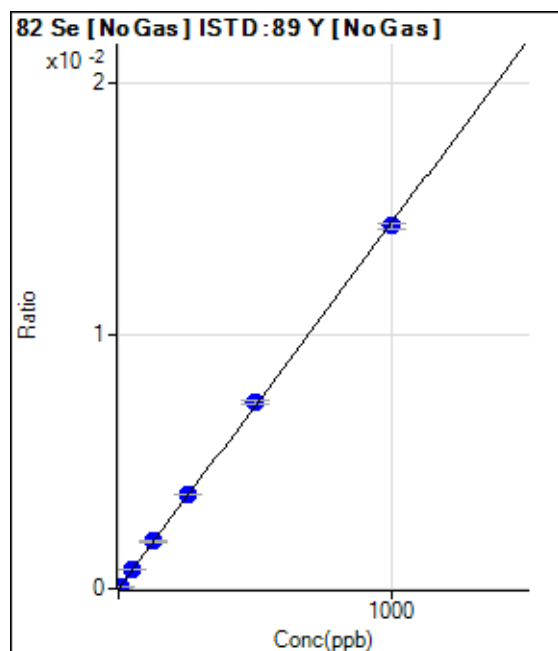
$$R = 1.0000$$

$$DL = 2.059$$

$$BEC = 4.288$$

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      | -54.29    | 0.0000 | P   | -106. |
| 2 | <input type="checkbox"/> | 0.500    |            |           |        |     |       |
| 3 | <input type="checkbox"/> | 5.000    | 5.013      | 532.58    | 0.0001 | P   | 15.2  |
| 4 | <input type="checkbox"/> | 50.000   | 51.790     | 5900.41   | 0.0007 | P   | 1.7   |
| 5 | <input type="checkbox"/> | 125.000  | 129.081    | 14640.04  | 0.0019 | P   | 5.1   |
| 6 | <input type="checkbox"/> | 250.000  | 259.128    | 28931.05  | 0.0037 | P   | 0.5   |
| 7 | <input type="checkbox"/> | 500.000  | 510.370    | 57531.80  | 0.0074 | P   | 2.2   |
| 8 | <input type="checkbox"/> | 1000.000 | 991.933    | 113497.04 | 0.0143 | P   | 1.3   |
| 9 | <input type="checkbox"/> |          |            | 193.58    | 0.0000 | P   | 19.7  |

$$y = 1.4455\text{E-}005 * x - 6.5884\text{E-}006$$

$$R = 0.9999$$

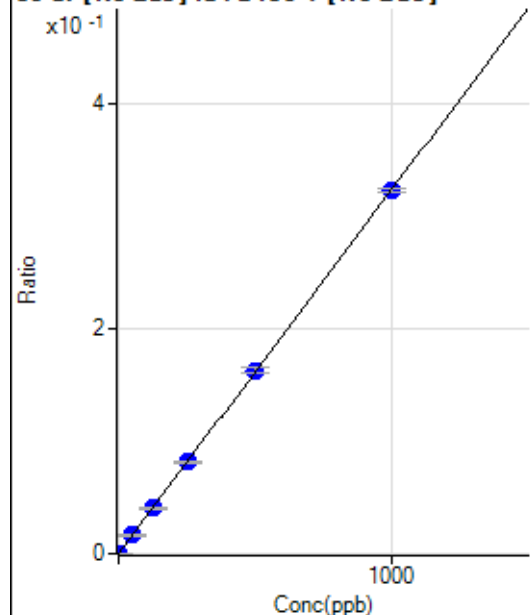
$$DL = 1.461$$

$$BEC = -0.4558$$

Weight: <None>

Min Conc: 0

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



|   | R <sub>j</sub><br>ct     | Conc.    | Calc Conc. | CPS        | Ratio  | Det | RSD |
|---|--------------------------|----------|------------|------------|--------|-----|-----|
| 1 | <input type="checkbox"/> | 0.000    | 0.000      | 783.39     | 0.0001 | P   | 6.5 |
| 2 | <input type="checkbox"/> | 0.100    |            |            |        |     |     |
| 3 | <input type="checkbox"/> | 1.000    | 0.929      | 3197.74    | 0.0004 | P   | 3.7 |
| 4 | <input type="checkbox"/> | 50.000   | 49.996     | 129435.11  | 0.0163 | P   | 0.9 |
| 5 | <input type="checkbox"/> | 125.000  | 125.840    | 321603.54  | 0.0408 | P   | 3.9 |
| 6 | <input type="checkbox"/> | 250.000  | 251.655    | 631039.48  | 0.0816 | P   | 0.6 |
| 7 | <input type="checkbox"/> | 500.000  | 504.201    | 1274608.21 | 0.1633 | P   | 2.7 |
| 8 | <input type="checkbox"/> | 1000.000 | 997.381    | 2557568.40 | 0.3229 | P   | 1.0 |
| 9 | <input type="checkbox"/> |          |            | 88050.07   | 0.0113 | P   | 0.9 |

$$y = 3.2370\text{E-}004 * x + 9.4978\text{E-}005$$

$$R = 1.0000$$

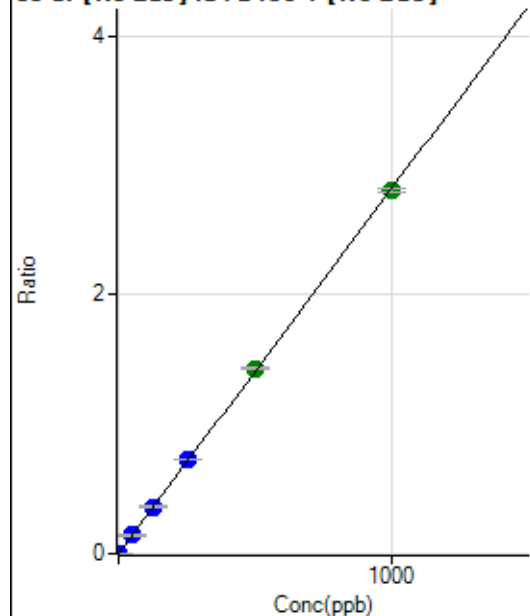
$$DL = 0.05764$$

$$BEC = 0.2934$$

Weight: &lt;None&gt;

Min Conc: 0

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



|   | R <sub>j</sub><br>ct     | Conc.    | Calc Conc. | CPS         | Ratio  | Det | RSD  |
|---|--------------------------|----------|------------|-------------|--------|-----|------|
| 1 | <input type="checkbox"/> | 0.000    | 0.000      | 338.91      | 0.0000 | P   | 15.6 |
| 2 | <input type="checkbox"/> | 0.100    |            |             |        |     |      |
| 3 | <input type="checkbox"/> | 1.000    | 0.945      | 21881.35    | 0.0027 | P   | 1.1  |
| 4 | <input type="checkbox"/> | 50.000   | 50.182     | 1125522.53  | 0.1416 | P   | 0.8  |
| 5 | <input type="checkbox"/> | 125.000  | 127.585    | 2834197.11  | 0.3598 | P   | 4.0  |
| 6 | <input type="checkbox"/> | 250.000  | 256.417    | 5595303.21  | 0.7231 | P   | 0.3  |
| 7 | <input type="checkbox"/> | 500.000  | 507.871    | 11180146.43 | 1.4322 | A   | 1.6  |
| 8 | <input type="checkbox"/> | 1000.000 | 994.128    | 22202068.21 | 2.8035 | A   | 1.0  |
| 9 | <input type="checkbox"/> |          |            | 767816.22   | 0.0982 | P   | 1.0  |

$$y = 0.0028 * x + 4.1114\text{E-}005$$

$$R = 0.9999$$

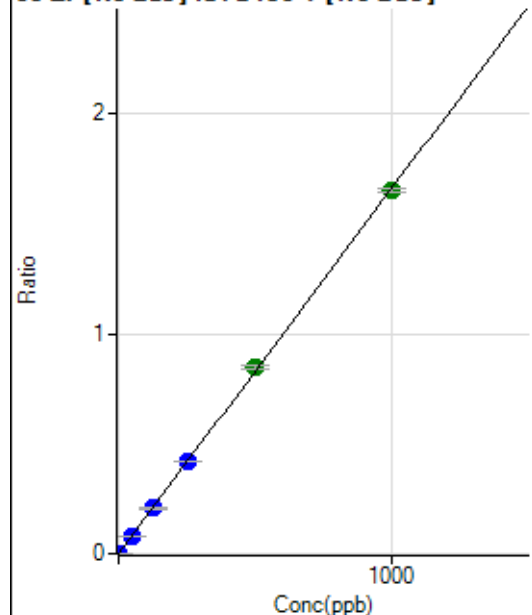
$$DL = 0.006829$$

$$BEC = 0.01458$$

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      | 533.37      | 0.0001 | P    | 11.9 |
| 2 | <input type="checkbox"/> | 0.100    |            |             |        |      |      |
| 3 | <input type="checkbox"/> | 1.000    | 0.880      | 12325.21    | 0.0015 | P    | 3.4  |
| 4 | <input type="checkbox"/> | 50.000   | 48.362     | 638927.51   | 0.0804 | P    | 1.0  |
| 5 | <input type="checkbox"/> | 125.000  | 125.055    | 1635603.16  | 0.2077 | P    | 4.5  |
| 6 | <input type="checkbox"/> | 250.000  | 253.654    | 3258951.46  | 0.4212 | P    | 0.4  |
| 7 | <input type="checkbox"/> | 500.000  | 510.277    | 6613147.20  | 0.8472 | A    | 2.1  |
| 8 | <input type="checkbox"/> | 1000.000 | 994.023    | 13069980.50 | 1.6503 | A    | 1.0  |
| 9 | <input type="checkbox"/> |          |            | 5053.89     | 0.0006 | P    | 4.9  |

$$y = 0.0017 * x + 6.4638E-005$$

$$R = 0.9999$$

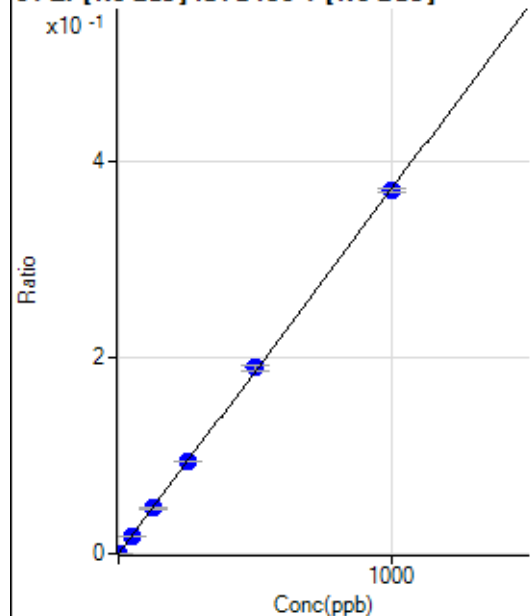
$$DL = 0.01388$$

$$BEC = 0.03893$$

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      | 100.01     | 0.0000 | P    | 29.8 |
| 2 | <input type="checkbox"/> | 0.100    |            |            |        |      |      |
| 3 | <input type="checkbox"/> | 1.000    | 0.877      | 2733.71    | 0.0003 | P    | 4.1  |
| 4 | <input type="checkbox"/> | 50.000   | 47.655     | 140920.09  | 0.0177 | P    | 1.5  |
| 5 | <input type="checkbox"/> | 125.000  | 124.717    | 365182.00  | 0.0464 | P    | 4.0  |
| 6 | <input type="checkbox"/> | 250.000  | 251.199    | 722456.45  | 0.0934 | P    | 0.4  |
| 7 | <input type="checkbox"/> | 500.000  | 510.076    | 1479676.52 | 0.1896 | P    | 2.8  |
| 8 | <input type="checkbox"/> | 1000.000 | 994.815    | 2928129.99 | 0.3697 | P    | 1.0  |
| 9 | <input type="checkbox"/> |          |            | 1219.56    | 0.0002 | P    | 9.6  |

$$y = 3.7165E-004 * x + 1.2114E-005$$

$$R = 0.9999$$

$$DL = 0.0291$$

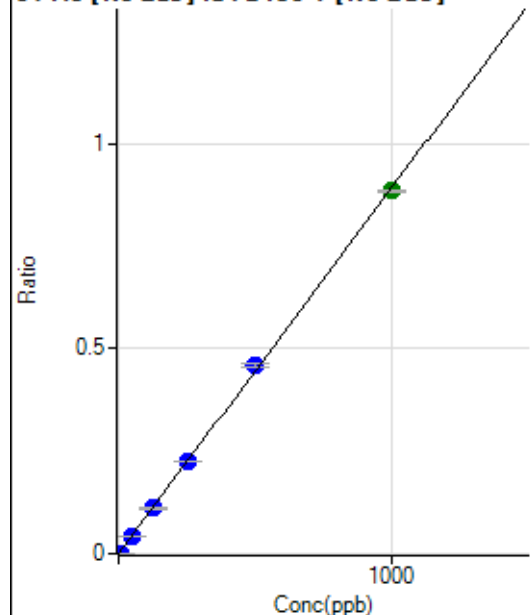
$$BEC = 0.0326$$

Weight: &lt;None&gt;

Min Conc: 0



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



|   | R <sub>ct</sub>          | Conc.    | Calc Conc. | CPS        | Ratio  | Det. | RSD |
|---|--------------------------|----------|------------|------------|--------|------|-----|
| 1 | <input type="checkbox"/> | 0.000    | 0.000      | 241.68     | 0.0000 | P    | 6.3 |
| 2 | <input type="checkbox"/> | 0.500    |            |            |        |      |     |
| 3 | <input type="checkbox"/> | 5.000    | 1.960      | 14352.28   | 0.0018 | P    | 0.8 |
| 4 | <input type="checkbox"/> | 50.000   | 49.185     | 348701.55  | 0.0439 | P    | 2.1 |
| 5 | <input type="checkbox"/> | 125.000  | 125.388    | 880168.98  | 0.1118 | P    | 4.5 |
| 6 | <input type="checkbox"/> | 250.000  | 252.069    | 1738209.98 | 0.2246 | P    | 0.3 |
| 7 | <input type="checkbox"/> | 500.000  | 514.501    | 3578845.95 | 0.4585 | P    | 2.1 |
| 8 | <input type="checkbox"/> | 1000.000 | 992.240    | 7002589.22 | 0.8842 | A    | 0.6 |
| 9 | <input type="checkbox"/> |          |            | 12720.07   | 0.0016 | P    | 0.2 |

$$y = 8.9108\text{E-}004 * x + 2.9292\text{E-}005$$

$$R = 0.9998$$

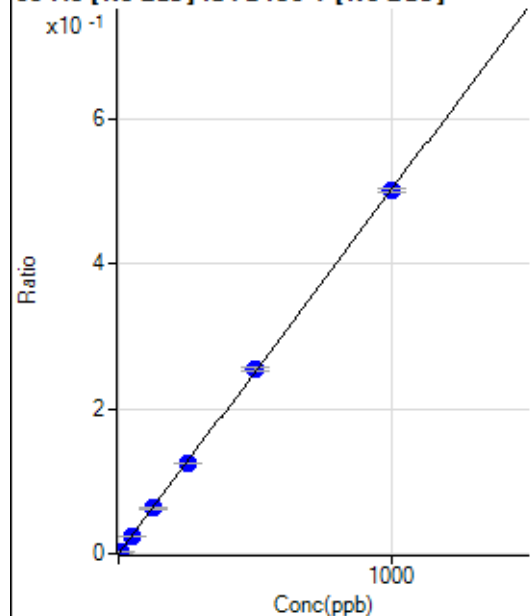
$$DL = 0.006184$$

$$BEC = 0.03287$$

Weight: &lt;None&gt;

Min Conc: 0

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



|   | R <sub>ct</sub>          | Conc.    | Calc Conc. | CPS        | Ratio  | Det. | RSD  |
|---|--------------------------|----------|------------|------------|--------|------|------|
| 1 | <input type="checkbox"/> | 0.000    | 0.000      | 261.12     | 0.0000 | P    | 17.6 |
| 2 | <input type="checkbox"/> | 0.500    |            |            |        |      |      |
| 3 | <input type="checkbox"/> | 5.000    | 4.345      | 17917.52   | 0.0022 | P    | 1.4  |
| 4 | <input type="checkbox"/> | 50.000   | 49.563     | 198454.63  | 0.0250 | P    | 0.7  |
| 5 | <input type="checkbox"/> | 125.000  | 124.715    | 494260.55  | 0.0628 | P    | 4.3  |
| 6 | <input type="checkbox"/> | 250.000  | 249.864    | 972605.26  | 0.1257 | P    | 0.1  |
| 7 | <input type="checkbox"/> | 500.000  | 507.065    | 1990871.42 | 0.2551 | P    | 2.1  |
| 8 | <input type="checkbox"/> | 1000.000 | 996.562    | 3969612.72 | 0.5012 | P    | 1.0  |
| 9 | <input type="checkbox"/> |          |            | 19041.16   | 0.0024 | P    | 2.5  |

$$y = 5.0294\text{E-}004 * x + 3.1635\text{E-}005$$

$$R = 1.0000$$

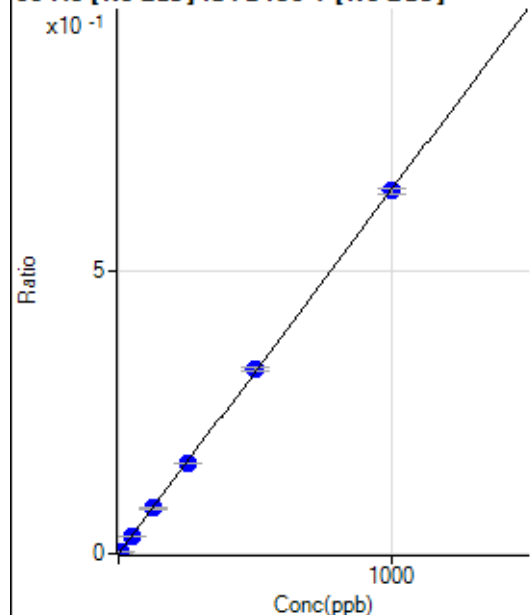
$$DL = 0.03319$$

$$BEC = 0.0629$$

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      | 244.46     | 0.0000 | P    | 9.3 |
| 2 | <input type="checkbox"/> | 0.500    |            |            |        |      |     |
| 3 | <input type="checkbox"/> | 5.000    | 3.857      | 20231.77   | 0.0025 | P    | 1.9 |
| 4 | <input type="checkbox"/> | 50.000   | 48.979     | 250021.94  | 0.0314 | P    | 0.8 |
| 5 | <input type="checkbox"/> | 125.000  | 124.750    | 630428.18  | 0.0800 | P    | 4.2 |
| 6 | <input type="checkbox"/> | 250.000  | 249.158    | 1236766.38 | 0.1598 | P    | 0.4 |
| 7 | <input type="checkbox"/> | 500.000  | 506.336    | 2535108.22 | 0.3248 | P    | 2.4 |
| 8 | <input type="checkbox"/> | 1000.000 | 997.130    | 5065106.14 | 0.6396 | P    | 1.3 |
| 9 | <input type="checkbox"/> |          |            | 27210.10   | 0.0035 | P    | 0.6 |

$$y = 6.4139\text{E-}004 * x + 2.9627\text{E-}005$$

$$R = 1.0000$$

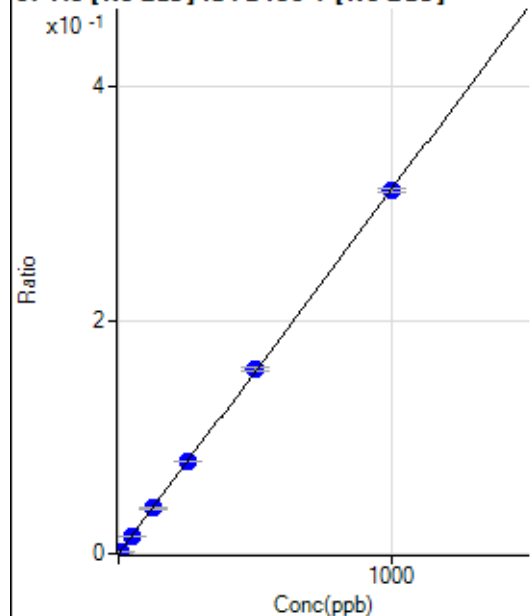
$$DL = 0.01295$$

$$BEC = 0.04619$$

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      | 111.12     | 0.0000 | P    | 15.1 |
| 2 | <input type="checkbox"/> | 0.500    |            |            |        |      |      |
| 3 | <input type="checkbox"/> | 5.000    | 4.437      | 11291.07   | 0.0014 | P    | 0.4  |
| 4 | <input type="checkbox"/> | 50.000   | 49.839     | 123685.32  | 0.0156 | P    | 0.7  |
| 5 | <input type="checkbox"/> | 125.000  | 125.912    | 309279.79  | 0.0393 | P    | 5.1  |
| 6 | <input type="checkbox"/> | 250.000  | 251.198    | 606225.51  | 0.0783 | P    | 0.1  |
| 7 | <input type="checkbox"/> | 500.000  | 506.832    | 1233809.37 | 0.1581 | P    | 2.1  |
| 8 | <input type="checkbox"/> | 1000.000 | 996.181    | 2460322.67 | 0.3107 | P    | 1.1  |
| 9 | <input type="checkbox"/> |          |            | 11966.64   | 0.0015 | P    | 2.7  |

$$y = 3.1184\text{E-}004 * x + 1.3463\text{E-}005$$

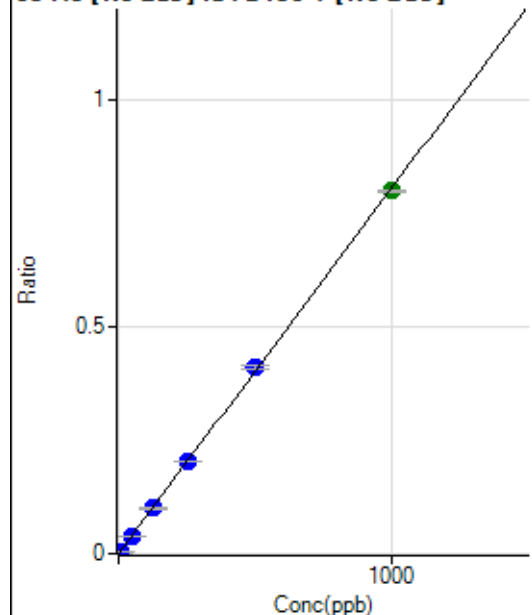
$$R = 1.0000$$

$$DL = 0.0195$$

$$BEC = 0.04317$$

Weight: &lt;None&gt;

Min Conc: 0

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

|   | R <sub>j</sub><br>ct     | Conc.    | Calc Conc. | CPS        | Ratio  | Det. | RSD |
|---|--------------------------|----------|------------|------------|--------|------|-----|
| 1 | <input type="checkbox"/> | 0.000    | 0.000      | 327.80     | 0.0000 | P    | 4.3 |
| 2 | <input type="checkbox"/> | 0.500    |            |            |        |      |     |
| 3 | <input type="checkbox"/> | 5.000    | 4.401      | 28991.62   | 0.0036 | P    | 0.5 |
| 4 | <input type="checkbox"/> | 50.000   | 49.573     | 318014.84  | 0.0400 | P    | 0.8 |
| 5 | <input type="checkbox"/> | 125.000  | 125.855    | 799164.40  | 0.1015 | P    | 4.7 |
| 6 | <input type="checkbox"/> | 250.000  | 251.800    | 1570658.77 | 0.2030 | P    | 0.3 |
| 7 | <input type="checkbox"/> | 500.000  | 512.157    | 3222369.41 | 0.4128 | P    | 2.4 |
| 8 | <input type="checkbox"/> | 1000.000 | 993.389    | 6341434.74 | 0.8007 | A    | 0.6 |
| 9 | <input type="checkbox"/> |          |            | 30121.72   | 0.0039 | P    | 1.5 |

$$y = 8.0600\text{E-}004 * x + 3.9746\text{E-}005$$

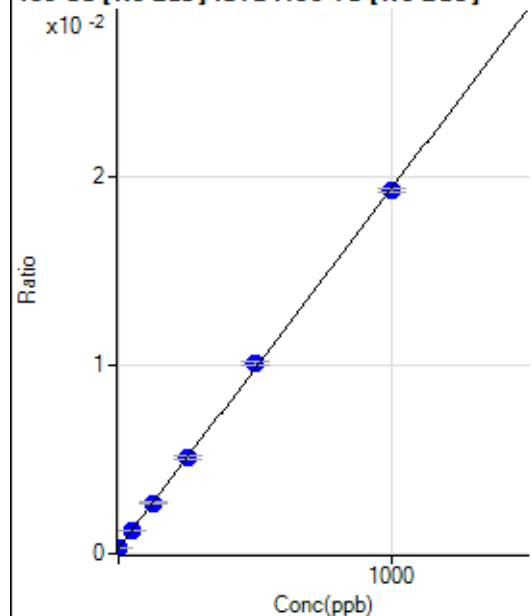
$$R = 0.9999$$

$$DL = 0.0064$$

$$BEC = 0.04931$$

Weight: &lt;None&gt;

Min Conc: 0

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

|   | R <sub>j</sub><br>ct     | Conc.    | Calc Conc. | CPS       | Ratio  | Det. | RSD |
|---|--------------------------|----------|------------|-----------|--------|------|-----|
| 1 | <input type="checkbox"/> | 0.000    | 0.000      | 3331.11   | 0.0003 | P    | 8.3 |
| 2 | <input type="checkbox"/> | 0.100    |            |           |        |      |     |
| 3 | <input type="checkbox"/> | 1.000    | 0.674      | 3383.90   | 0.0003 | P    | 7.7 |
| 4 | <input type="checkbox"/> | 50.000   | 49.323     | 13748.91  | 0.0012 | P    | 1.9 |
| 5 | <input type="checkbox"/> | 125.000  | 125.059    | 29526.19  | 0.0027 | P    | 2.8 |
| 6 | <input type="checkbox"/> | 250.000  | 251.214    | 54689.69  | 0.0051 | P    | 3.0 |
| 7 | <input type="checkbox"/> | 500.000  | 513.157    | 107897.87 | 0.0101 | P    | 2.1 |
| 8 | <input type="checkbox"/> | 1000.000 | 993.145    | 207086.05 | 0.0193 | P    | 1.1 |
| 9 | <input type="checkbox"/> |          |            | 3036.59   | 0.0003 | P    | 5.9 |

$$y = 1.9136\text{E-}005 * x + 2.9379\text{E-}004$$

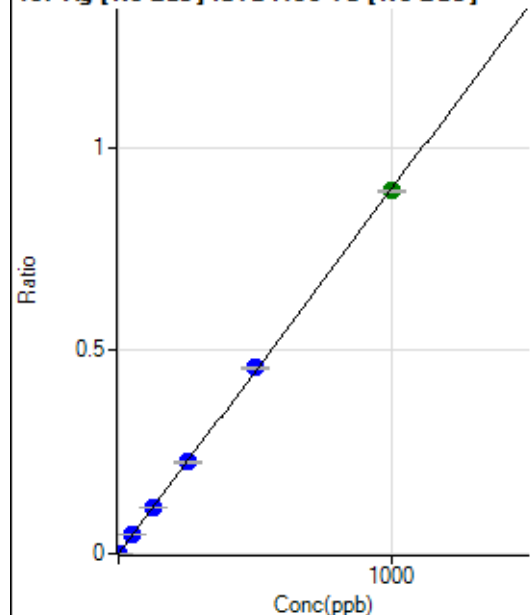
$$R = 0.9999$$

$$DL = 3.836$$

$$BEC = 15.35$$

Weight: &lt;None&gt;

Min Conc: 0

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

|   | Rj<br>ct                 | Conc.    | Calc Conc. | CPS        | Ratio  | Det | RSD  |
|---|--------------------------|----------|------------|------------|--------|-----|------|
| 1 | <input type="checkbox"/> | 0.000    | 0.000      | 77.78      | 0.0000 | P   | 40.5 |
| 2 | <input type="checkbox"/> | 0.100    |            |            |        |     |      |
| 3 | <input type="checkbox"/> | 1.000    | 1.215      | 12100.08   | 0.0011 | P   | 2.3  |
| 4 | <input type="checkbox"/> | 50.000   | 50.255     | 500692.00  | 0.0451 | P   | 0.6  |
| 5 | <input type="checkbox"/> | 125.000  | 125.957    | 1241342.54 | 0.1130 | P   | 3.2  |
| 6 | <input type="checkbox"/> | 250.000  | 251.359    | 2417257.63 | 0.2254 | P   | 0.8  |
| 7 | <input type="checkbox"/> | 500.000  | 509.282    | 4873092.86 | 0.4568 | P   | 1.4  |
| 8 | <input type="checkbox"/> | 1000.000 | 994.887    | 9574918.36 | 0.8923 | A   | 0.3  |
| 9 | <input type="checkbox"/> |          |            | 1769.64    | 0.0002 | P   | 5.0  |

$$y = 8.9684\text{E-}004 * x + 6.8591\text{E-}006$$

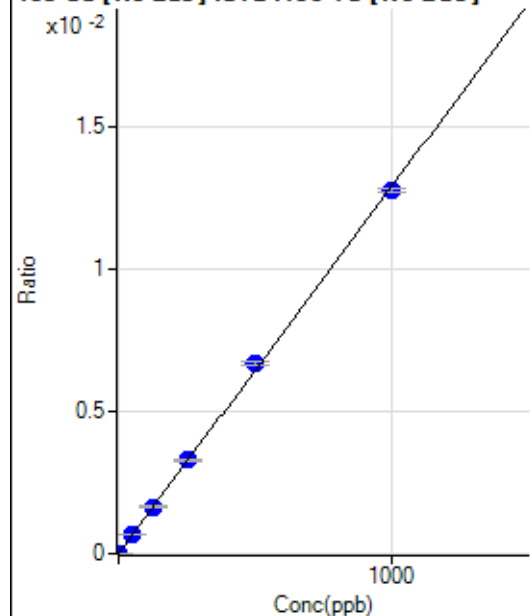
$$R = 0.9999$$

$$DL = 0.009301$$

$$BEC = 0.007648$$

Weight: &lt;None&gt;

Min Conc: 0

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

|   | Rj<br>ct                 | Conc.    | Calc Conc. | CPS       | Ratio  | Det | RSD  |
|---|--------------------------|----------|------------|-----------|--------|-----|------|
| 1 | <input type="checkbox"/> | 0.000    | 0.000      | 16.67     | 0.0000 | P   | 66.2 |
| 2 | <input type="checkbox"/> | 0.100    |            |           |        |     |      |
| 3 | <input type="checkbox"/> | 1.000    | 1.009      | 159.73    | 0.0000 | P   | 19.3 |
| 4 | <input type="checkbox"/> | 50.000   | 51.473     | 7381.24   | 0.0007 | P   | 2.2  |
| 5 | <input type="checkbox"/> | 125.000  | 126.624    | 17932.46  | 0.0016 | P   | 4.8  |
| 6 | <input type="checkbox"/> | 250.000  | 255.805    | 35345.50  | 0.0033 | P   | 2.1  |
| 7 | <input type="checkbox"/> | 500.000  | 518.829    | 71318.83  | 0.0067 | P   | 1.2  |
| 8 | <input type="checkbox"/> | 1000.000 | 988.857    | 136701.11 | 0.0127 | P   | 1.2  |
| 9 | <input type="checkbox"/> |          |            | 48.61     | 0.0000 | P   | 35.4 |

$$y = 1.2881\text{E-}005 * x + 1.4699\text{E-}006$$

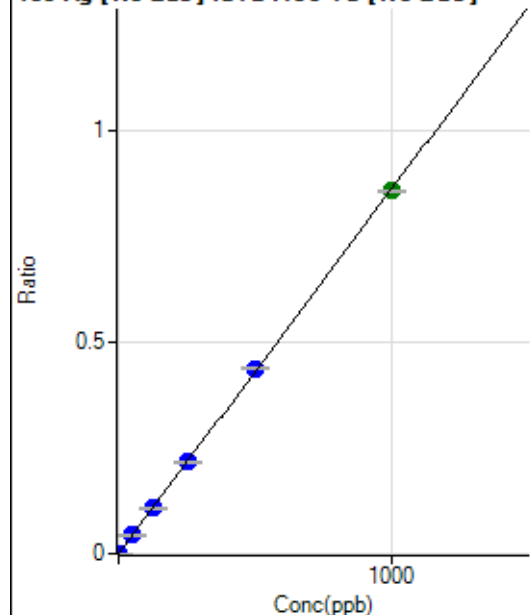
$$R = 0.9997$$

$$DL = 0.2266$$

$$BEC = 0.1141$$

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      | 50.00      | 0.0000 | P    | 28.9 |
| 2 | <input type="checkbox"/> | 0.100    |            |            |        |      |      |
| 3 | <input type="checkbox"/> | 1.000    | 1.233      | 11777.64   | 0.0011 | P    | 2.3  |
| 4 | <input type="checkbox"/> | 50.000   | 50.255     | 481038.19  | 0.0433 | P    | 0.9  |
| 5 | <input type="checkbox"/> | 125.000  | 125.843    | 1191572.56 | 0.1084 | P    | 3.2  |
| 6 | <input type="checkbox"/> | 250.000  | 251.182    | 2320794.91 | 0.2164 | P    | 1.3  |
| 7 | <input type="checkbox"/> | 500.000  | 508.324    | 4673385.82 | 0.4380 | P    | 1.0  |
| 8 | <input type="checkbox"/> | 1000.000 | 995.424    | 9204471.74 | 0.8578 | A    | 0.7  |
| 9 | <input type="checkbox"/> |          |            | 1780.74    | 0.0002 | P    | 4.9  |

$$y = 8.6169\text{E-}004 * x + 4.4097\text{E-}006$$

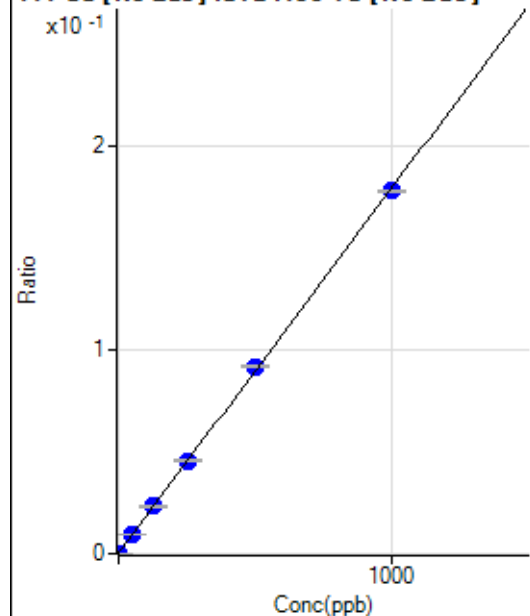
$$R = 0.9999$$

$$DL = 0.004432$$

$$BEC = 0.005118$$

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      | 2400.67    | 0.0002 | P    | 8.4 |
| 2 | <input type="checkbox"/> | 0.100    |            |            |        |      |     |
| 3 | <input type="checkbox"/> | 1.000    | 0.948      | 4211.27    | 0.0004 | P    | 7.4 |
| 4 | <input type="checkbox"/> | 50.000   | 50.862     | 103595.93  | 0.0093 | P    | 1.4 |
| 5 | <input type="checkbox"/> | 125.000  | 128.433    | 255217.82  | 0.0232 | P    | 3.6 |
| 6 | <input type="checkbox"/> | 250.000  | 253.664    | 489721.97  | 0.0457 | P    | 0.7 |
| 7 | <input type="checkbox"/> | 500.000  | 511.154    | 979613.73  | 0.0918 | P    | 1.3 |
| 8 | <input type="checkbox"/> | 1000.000 | 993.035    | 1912017.59 | 0.1782 | P    | 0.6 |
| 9 | <input type="checkbox"/> |          |            | 2615.21    | 0.0003 | P    | 6.5 |

$$y = 1.7921\text{E-}004 * x + 2.1173\text{E-}004$$

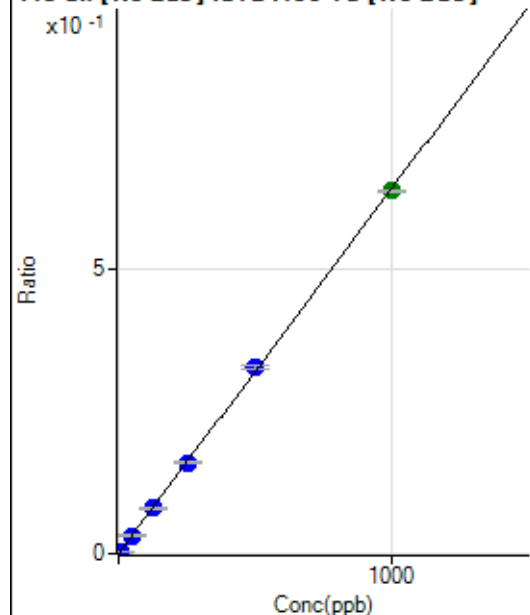
$$R = 0.9999$$

$$DL = 0.2973$$

$$BEC = 1.181$$

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      | 1063.97    | 0.0001 | P   | 21.1 |
| 2 | <input type="checkbox"/> | 0.500    |            |            |        |     |      |
| 3 | <input type="checkbox"/> | 5.000    | 4.519      | 32909.02   | 0.0030 | P   | 1.6  |
| 4 | <input type="checkbox"/> | 50.000   | 49.646     | 353464.66  | 0.0318 | P   | 1.7  |
| 5 | <input type="checkbox"/> | 125.000  | 124.800    | 877207.55  | 0.0798 | P   | 4.0  |
| 6 | <input type="checkbox"/> | 250.000  | 249.866    | 1713158.11 | 0.1598 | P   | 0.8  |
| 7 | <input type="checkbox"/> | 500.000  | 510.741    | 3483243.05 | 0.3265 | P   | 1.5  |
| 8 | <input type="checkbox"/> | 1000.000 | 994.708    | 6822347.98 | 0.6358 | A   | 0.8  |
| 9 | <input type="checkbox"/> |          |            | 10740.65   | 0.0010 | P   | 0.7  |

$$y = 6.3905\text{E-}004 * x + 9.3839\text{E-}005$$

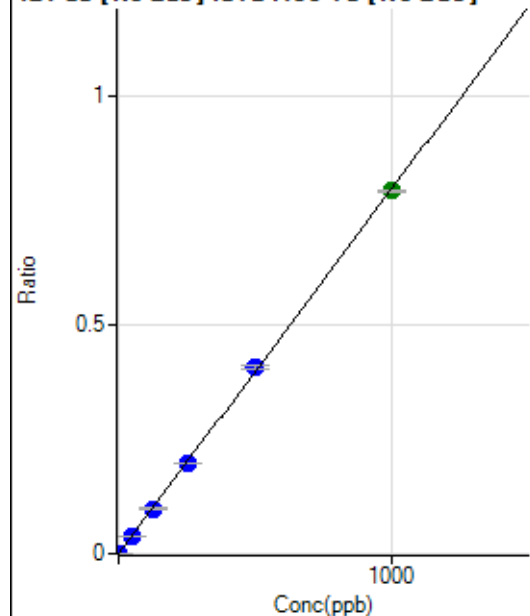
$$R = 0.9999$$

$$DL = 0.09283$$

$$BEC = 0.1468$$

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      | 52.78      | 0.0000 | P   | 32.9 |
| 2 | <input type="checkbox"/> | 0.200    |            |            |        |     |      |
| 3 | <input type="checkbox"/> | 2.000    | 1.842      | 16207.22   | 0.0015 | P   | 2.2  |
| 4 | <input type="checkbox"/> | 50.000   | 48.250     | 425952.56  | 0.0384 | P   | 2.0  |
| 5 | <input type="checkbox"/> | 125.000  | 123.316    | 1076749.31 | 0.0980 | P   | 4.2  |
| 6 | <input type="checkbox"/> | 250.000  | 248.540    | 2118140.80 | 0.1975 | P   | 0.7  |
| 7 | <input type="checkbox"/> | 500.000  | 510.532    | 4329073.66 | 0.4058 | P   | 1.5  |
| 8 | <input type="checkbox"/> | 1000.000 | 995.397    | 8489562.78 | 0.7911 | A   | 0.5  |
| 9 | <input type="checkbox"/> |          |            | 31413.84   | 0.0030 | P   | 2.4  |

$$y = 7.9478\text{E-}004 * x + 4.6554\text{E-}006$$

$$R = 0.9999$$

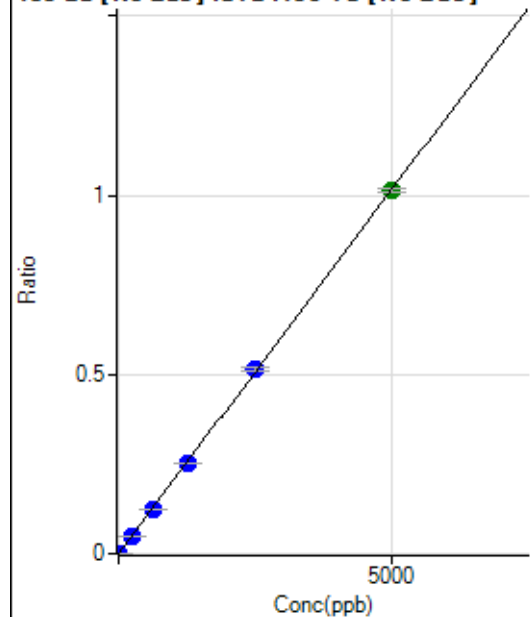
$$DL = 0.005785$$

$$BEC = 0.005857$$

Weight: &lt;None&gt;

Min Conc: 0

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



|   | R <sub>j</sub><br>ct     | Conc.    | Calc Conc. | CPS         | Ratio  | Det. | RSD  |
|---|--------------------------|----------|------------|-------------|--------|------|------|
| 1 | <input type="checkbox"/> | 0.000    | 0.000      | 258.35      | 0.0000 | P    | 14.1 |
| 2 | <input type="checkbox"/> | 1.000    |            |             |        |      |      |
| 3 | <input type="checkbox"/> | 10.000   | 8.810      | 19981.81    | 0.0018 | P    | 2.7  |
| 4 | <input type="checkbox"/> | 250.000  | 243.129    | 548084.32   | 0.0493 | P    | 1.8  |
| 5 | <input type="checkbox"/> | 625.000  | 610.047    | 1360121.95  | 0.1238 | P    | 3.4  |
| 6 | <input type="checkbox"/> | 1250.000 | 1236.805   | 2690743.64  | 0.2509 | P    | 0.9  |
| 7 | <input type="checkbox"/> | 2500.000 | 2537.860   | 5493470.83  | 0.5149 | P    | 1.4  |
| 8 | <input type="checkbox"/> | 5000.000 | 4986.584   | 10856227.59 | 1.0117 | A    | 1.2  |
| 9 | <input type="checkbox"/> |          |            | 5231.78     | 0.0005 | P    | 3.6  |

$$y = 2.0288\text{E-}004 * x + 2.2785\text{E-}005$$

$$R = 0.9999$$

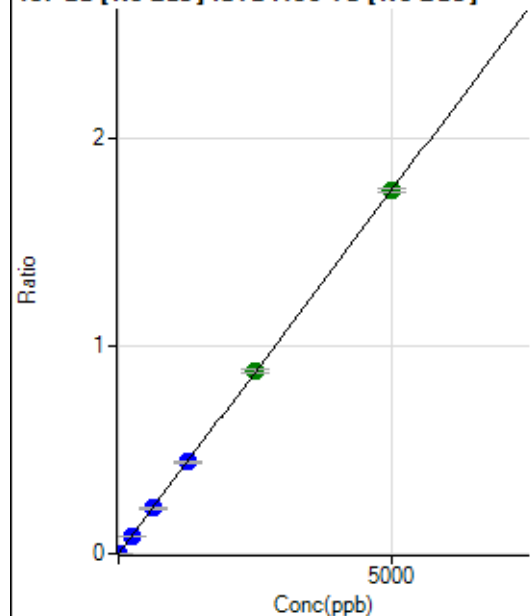
$$DL = 0.04757$$

$$BEC = 0.1123$$

Weight: &lt;None&gt;

Min Conc: 0

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



|   | R <sub>j</sub><br>ct     | Conc.    | Calc Conc. | CPS         | Ratio  | Det. | RSD  |
|---|--------------------------|----------|------------|-------------|--------|------|------|
| 1 | <input type="checkbox"/> | 0.000    | 0.000      | 305.57      | 0.0000 | P    | 17.5 |
| 2 | <input type="checkbox"/> | 1.000    |            |             |        |      |      |
| 3 | <input type="checkbox"/> | 10.000   | 8.920      | 34758.32    | 0.0031 | P    | 1.9  |
| 4 | <input type="checkbox"/> | 250.000  | 246.400    | 958197.86   | 0.0863 | P    | 2.0  |
| 5 | <input type="checkbox"/> | 625.000  | 622.776    | 2395311.47  | 0.2180 | P    | 3.8  |
| 6 | <input type="checkbox"/> | 1250.000 | 1260.167   | 4730010.52  | 0.4411 | P    | 1.0  |
| 7 | <input type="checkbox"/> | 2500.000 | 2510.675   | 9376526.07  | 0.8789 | A    | 1.4  |
| 8 | <input type="checkbox"/> | 5000.000 | 4992.581   | 18753269.52 | 1.7476 | A    | 1.1  |
| 9 | <input type="checkbox"/> |          |            | 8931.00     | 0.0009 | P    | 1.5  |

$$y = 3.5004\text{E-}004 * x + 2.6947\text{E-}005$$

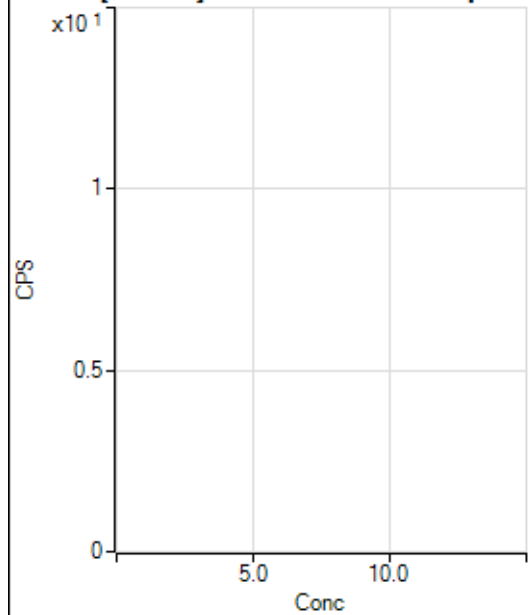
$$R = 1.0000$$

$$DL = 0.04033$$

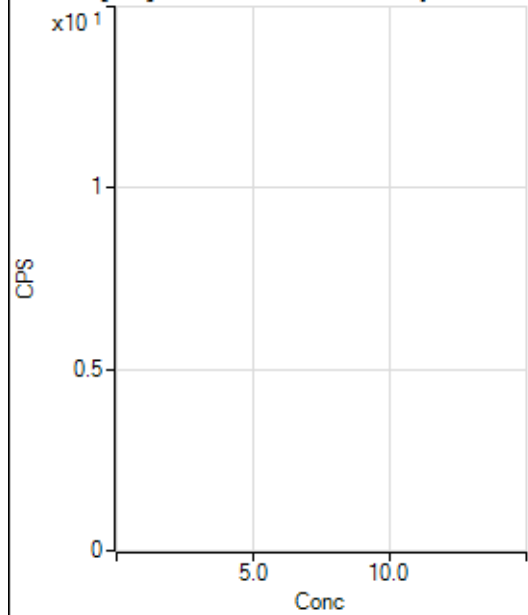
$$BEC = 0.07698$$

Weight: &lt;None&gt;

Min Conc: 0

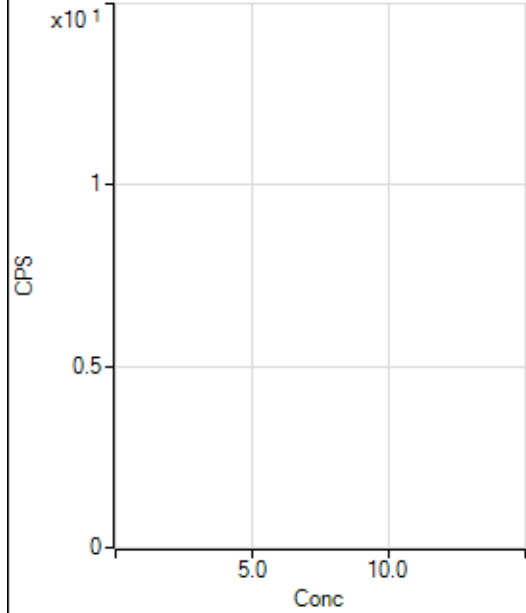
**150 Nd [ No Gas ] No available calibration points**

|   | Rj<br>ct                 | Conc. | Calc Conc. | CPS    | Ratio | Det<br>. | RSD  |
|---|--------------------------|-------|------------|--------|-------|----------|------|
| 1 | <input type="checkbox"/> |       |            | 11.11  |       | P        | 69.3 |
| 2 | <input type="checkbox"/> |       |            |        |       |          |      |
| 3 | <input type="checkbox"/> |       |            | 6.67   |       | P        | 0.0  |
| 4 | <input type="checkbox"/> |       |            | 57.78  |       | P        | 46.6 |
| 5 | <input type="checkbox"/> |       |            | 88.89  |       | P        | 4.3  |
| 6 | <input type="checkbox"/> |       |            | 220.01 |       | P        | 15.7 |
| 7 | <input type="checkbox"/> |       |            | 537.81 |       | P        | 16.9 |
| 8 | <input type="checkbox"/> |       |            | 906.73 |       | P        | 9.0  |
| 9 | <input type="checkbox"/> |       |            | 148.90 |       | P        | 29.8 |

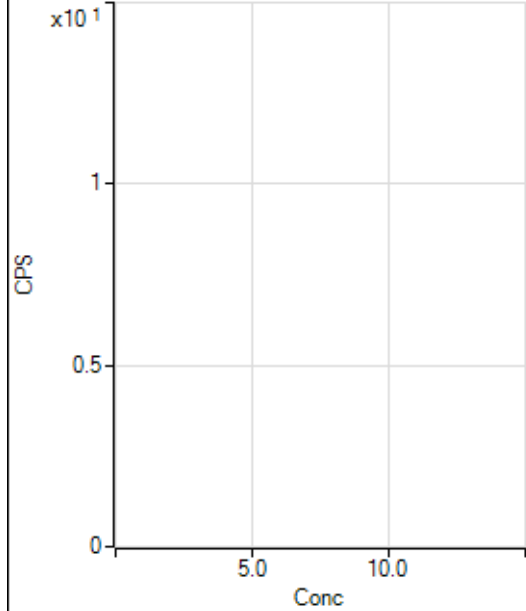
**150 Nd [ He ] No available calibration points**

|   | 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        | 173.2 |
| 4 | <input type="checkbox"/> |       |            | 5.56  |       | P        | 34.7  |
| 5 | <input type="checkbox"/> |       |            | 15.55 |       | P        | 44.6  |
| 6 | <input type="checkbox"/> |       |            | 30.00 |       | P        | 40.1  |
| 7 | <input type="checkbox"/> |       |            | 70.00 |       | P        | 17.2  |
| 8 | <input type="checkbox"/> |       |            | 88.89 |       | P        | 15.2  |
| 9 | <input type="checkbox"/> |       |            | 45.56 |       | P        | 18.4  |

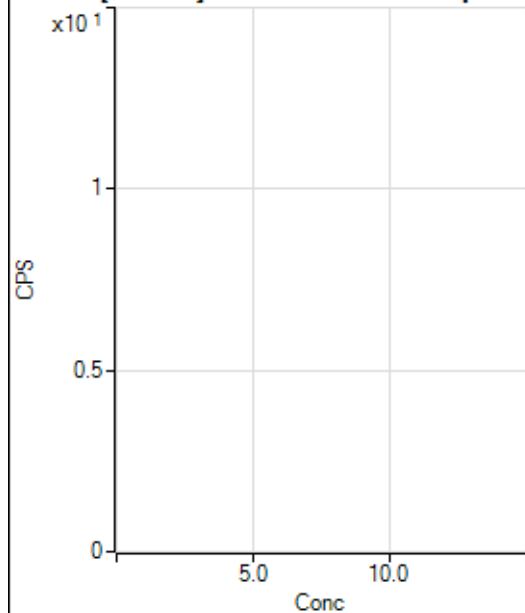


**156 Dy [ No Gas ] No available calibration points**

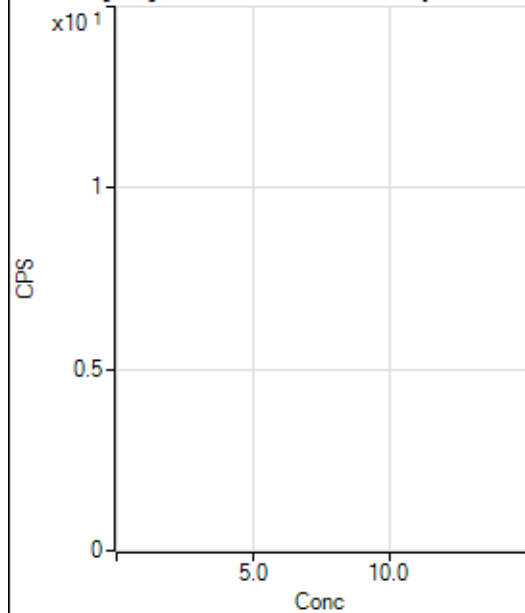
|   | Rj<br>ct                 | Conc. | Calc Conc. | CPS    | Ratio | Det<br>. | RSD  |
|---|--------------------------|-------|------------|--------|-------|----------|------|
| 1 | <input type="checkbox"/> |       |            | 33.34  |       | P        | 90.1 |
| 2 | <input type="checkbox"/> |       |            |        |       |          |      |
| 3 | <input type="checkbox"/> |       |            | 36.11  |       | P        | 35.3 |
| 4 | <input type="checkbox"/> |       |            | 25.00  |       | P        | 33.3 |
| 5 | <input type="checkbox"/> |       |            | 50.00  |       | P        | 16.7 |
| 6 | <input type="checkbox"/> |       |            | 72.23  |       | P        | 63.6 |
| 7 | <input type="checkbox"/> |       |            | 172.23 |       | P        | 21.8 |
| 8 | <input type="checkbox"/> |       |            | 211.12 |       | P        | 16.0 |
| 9 | <input type="checkbox"/> |       |            | 213.90 |       | P        | 23.5 |

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

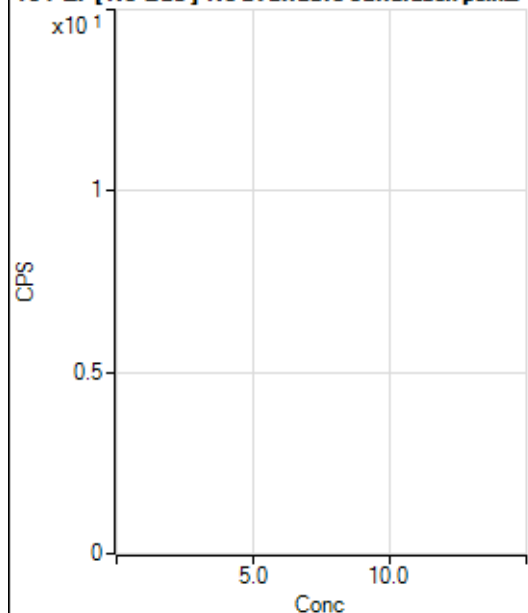
|   | Rj<br>ct                 | Conc. | Calc Conc. | CPS   | Ratio | Det<br>. | RSD   |
|---|--------------------------|-------|------------|-------|-------|----------|-------|
| 1 | <input type="checkbox"/> |       |            | 6.67  |       | P        | 50.0  |
| 2 | <input type="checkbox"/> |       |            |       |       |          |       |
| 3 | <input type="checkbox"/> |       |            | 4.44  |       | P        | 173.2 |
| 4 | <input type="checkbox"/> |       |            | 12.22 |       | P        | 41.7  |
| 5 | <input type="checkbox"/> |       |            | 13.33 |       | P        | 66.2  |
| 6 | <input type="checkbox"/> |       |            | 31.11 |       | P        | 6.2   |
| 7 | <input type="checkbox"/> |       |            | 63.33 |       | P        | 31.6  |
| 8 | <input type="checkbox"/> |       |            | 84.45 |       | P        | 18.7  |
| 9 | <input type="checkbox"/> |       |            | 61.11 |       | P        | 35.5  |

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

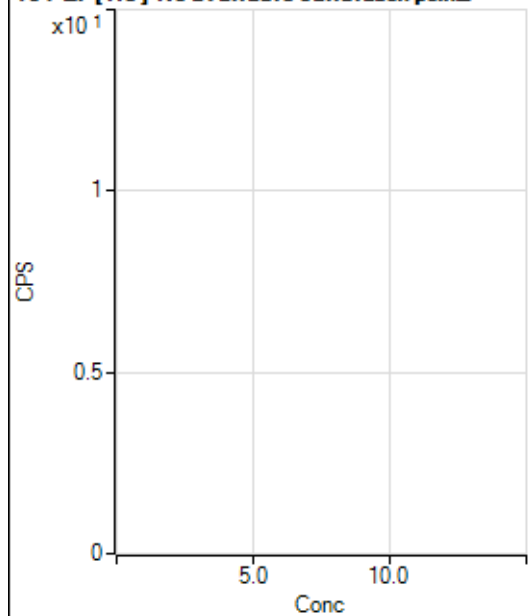
|   | Rj<br>ct                 | Conc. | Calc Conc. | CPS    | Ratio | Det<br>. | RSD  |
|---|--------------------------|-------|------------|--------|-------|----------|------|
| 1 | <input type="checkbox"/> |       |            | 83.34  |       | P        | 36.1 |
| 2 | <input type="checkbox"/> |       |            |        |       |          |      |
| 3 | <input type="checkbox"/> |       |            | 105.56 |       | P        | 29.9 |
| 4 | <input type="checkbox"/> |       |            | 69.45  |       | P        | 61.6 |
| 5 | <input type="checkbox"/> |       |            | 86.12  |       | P        | 14.8 |
| 6 | <input type="checkbox"/> |       |            | 111.12 |       | P        | 42.6 |
| 7 | <input type="checkbox"/> |       |            | 113.90 |       | P        | 8.5  |
| 8 | <input type="checkbox"/> |       |            | 138.90 |       | P        | 13.9 |
| 9 | <input type="checkbox"/> |       |            | 175.01 |       | P        | NaN  |

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

|   | Rj<br>ct                 | Conc. | Calc Conc. | CPS    | Ratio | Det<br>. | RSD  |
|---|--------------------------|-------|------------|--------|-------|----------|------|
| 1 | <input type="checkbox"/> |       |            | 106.67 |       | P        | 3.1  |
| 2 | <input type="checkbox"/> |       |            |        |       |          |      |
| 3 | <input type="checkbox"/> |       |            | 94.45  |       | P        | 23.5 |
| 4 | <input type="checkbox"/> |       |            | 90.00  |       | P        | 22.5 |
| 5 | <input type="checkbox"/> |       |            | 67.78  |       | P        | 15.8 |
| 6 | <input type="checkbox"/> |       |            | 111.12 |       | P        | 14.2 |
| 7 | <input type="checkbox"/> |       |            | 114.45 |       | P        | 11.8 |
| 8 | <input type="checkbox"/> |       |            | 125.56 |       | P        | 13.4 |
| 9 | <input type="checkbox"/> |       |            | 106.67 |       | P        | 6.3  |

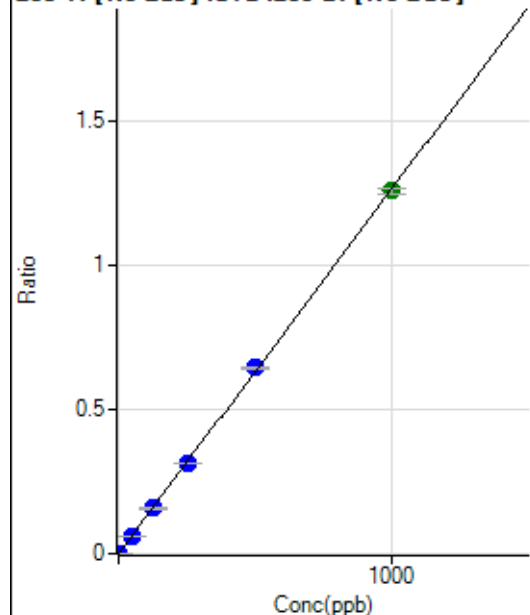
**164 Er [ No Gas ] No available calibration points**

|   | Rj<br>ct                 | Conc. | Calc Conc. | CPS   | Ratio | Det<br>. | RSD  |
|---|--------------------------|-------|------------|-------|-------|----------|------|
| 1 | <input type="checkbox"/> |       |            | 30.56 |       | P        | 31.5 |
| 2 | <input type="checkbox"/> |       |            |       |       |          |      |
| 3 | <input type="checkbox"/> |       |            | 47.22 |       | P        | 62.0 |
| 4 | <input type="checkbox"/> |       |            | 33.33 |       | P        | 0.0  |
| 5 | <input type="checkbox"/> |       |            | 58.34 |       | P        | 28.6 |
| 6 | <input type="checkbox"/> |       |            | 50.00 |       | P        | 33.3 |
| 7 | <input type="checkbox"/> |       |            | 88.89 |       | P        | 39.0 |
| 8 | <input type="checkbox"/> |       |            | 66.67 |       | P        | 12.5 |
| 9 | <input type="checkbox"/> |       |            | 77.78 |       | P        | 6.2  |

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

|   | Rj<br>ct                 | Conc. | Calc Conc. | CPS   | Ratio | Det<br>. | RSD  |
|---|--------------------------|-------|------------|-------|-------|----------|------|
| 1 | <input type="checkbox"/> |       |            | 14.44 |       | P        | 53.3 |
| 2 | <input type="checkbox"/> |       |            |       |       |          |      |
| 3 | <input type="checkbox"/> |       |            | 24.45 |       | P        | 15.8 |
| 4 | <input type="checkbox"/> |       |            | 18.89 |       | P        | 10.2 |
| 5 | <input type="checkbox"/> |       |            | 18.89 |       | P        | 27.0 |
| 6 | <input type="checkbox"/> |       |            | 21.11 |       | P        | 45.6 |
| 7 | <input type="checkbox"/> |       |            | 41.11 |       | P        | 24.8 |
| 8 | <input type="checkbox"/> |       |            | 40.00 |       | P        | 14.4 |
| 9 | <input type="checkbox"/> |       |            | 47.78 |       | P        | 33.0 |

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



|   | Rj<br>ct                 | Conc.    | Calc Conc. | CPS        | Ratio  | Det<br>. | RSD  |
|---|--------------------------|----------|------------|------------|--------|----------|------|
| 1 | <input type="checkbox"/> | 0.000    | 0.000      | 536.15     | 0.0001 | P        | 12.2 |
| 2 | <input type="checkbox"/> | 0.100    |            |            |        |          |      |
| 3 | <input type="checkbox"/> | 1.000    | 0.909      | 8842.19    | 0.0012 | P        | 3.0  |
| 4 | <input type="checkbox"/> | 50.000   | 48.899     | 448263.29  | 0.0618 | P        | 1.7  |
| 5 | <input type="checkbox"/> | 125.000  | 124.010    | 1113482.08 | 0.1565 | P        | 4.9  |
| 6 | <input type="checkbox"/> | 250.000  | 248.070    | 2183335.42 | 0.3130 | P        | 1.8  |
| 7 | <input type="checkbox"/> | 500.000  | 509.890    | 4416636.60 | 0.6433 | P        | 0.9  |
| 8 | <input type="checkbox"/> | 1000.000 | 995.717    | 8597884.22 | 1.2562 | A        | 1.5  |
| 9 | <input type="checkbox"/> |          |            | 5687.57    | 0.0009 | P        | 9.1  |

$$y = 0.0013 * x + 7.1420E-005$$

$$R = 0.9999$$

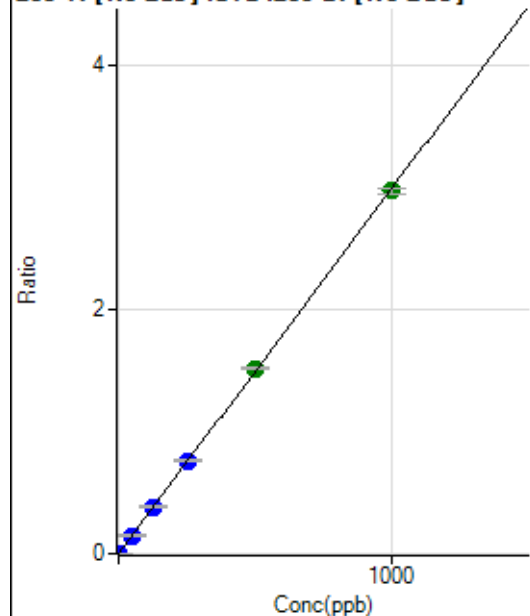
$$DL = 0.02075$$

$$BEC = 0.05662$$

Weight: &lt;None&gt;

Min Conc: 0

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



|   | Rj<br>ct                 | Conc.    | Calc Conc. | CPS         | Ratio  | Det<br>. | RSD |
|---|--------------------------|----------|------------|-------------|--------|----------|-----|
| 1 | <input type="checkbox"/> | 0.000    | 0.000      | 1111.21     | 0.0001 | P        | 4.0 |
| 2 | <input type="checkbox"/> | 0.100    |            |             |        |          |     |
| 3 | <input type="checkbox"/> | 1.000    | 0.953      | 21701.90    | 0.0030 | P        | 3.1 |
| 4 | <input type="checkbox"/> | 50.000   | 49.886     | 1080857.07  | 0.1489 | P        | 1.7 |
| 5 | <input type="checkbox"/> | 125.000  | 126.943    | 2694414.10  | 0.3787 | P        | 4.7 |
| 6 | <input type="checkbox"/> | 250.000  | 255.229    | 5310239.31  | 0.7613 | P        | 1.5 |
| 7 | <input type="checkbox"/> | 500.000  | 507.815    | 10397948.24 | 1.5145 | A        | 0.8 |
| 8 | <input type="checkbox"/> | 1000.000 | 994.548    | 20300792.81 | 2.9659 | A        | 1.4 |
| 9 | <input type="checkbox"/> |          |            | 14180.29    | 0.0023 | P        | 5.1 |

$$y = 0.0030 * x + 1.4804E-004$$

$$R = 0.9999$$

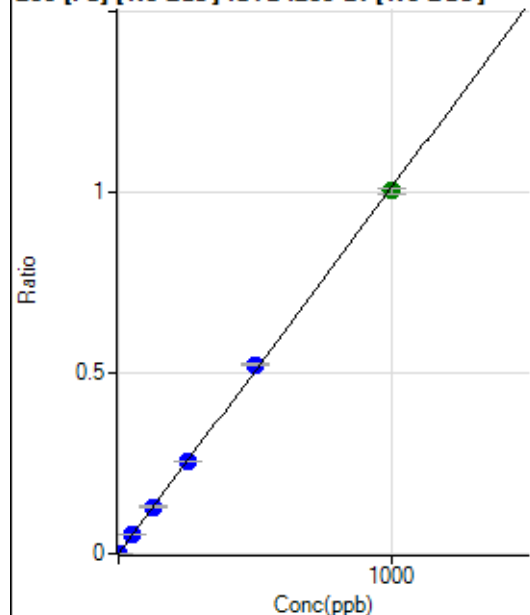
$$DL = 0.005889$$

$$BEC = 0.04965$$

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      | 1694.61    | 0.0002 | P    | 3.0 |
| 2 | <input type="checkbox"/> | 0.100    |            |            |        |      |     |
| 3 | <input type="checkbox"/> | 1.000    | 1.152      | 10109.67   | 0.0014 | P    | 1.3 |
| 4 | <input type="checkbox"/> | 50.000   | 50.042     | 369528.33  | 0.0509 | P    | 1.0 |
| 5 | <input type="checkbox"/> | 125.000  | 126.524    | 913270.80  | 0.1284 | P    | 4.8 |
| 6 | <input type="checkbox"/> | 250.000  | 251.952    | 1781546.06 | 0.2554 | P    | 1.4 |
| 7 | <input type="checkbox"/> | 500.000  | 516.949    | 3596005.32 | 0.5238 | P    | 1.2 |
| 8 | <input type="checkbox"/> | 1000.000 | 990.845    | 6870052.41 | 1.0037 | A    | 1.4 |
| 9 | <input type="checkbox"/> |          |            | 15040.35   | 0.0024 | P    | 0.6 |

$$y = 0.0010 * x + 2.2578E-004$$

$$R = 0.9998$$

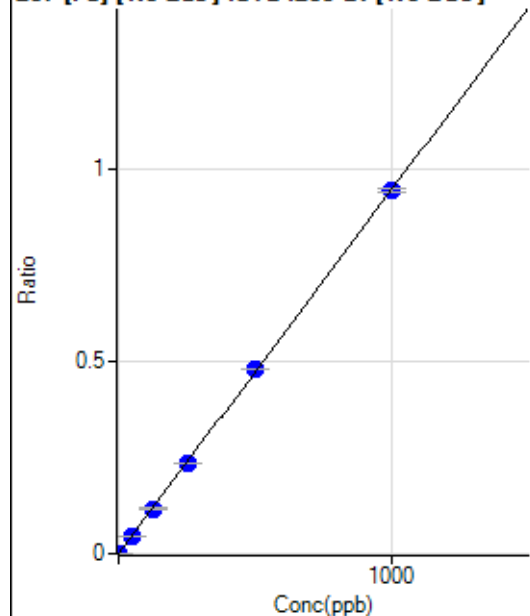
$$DL = 0.0204$$

$$BEC = 0.2229$$

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      | 1439.01    | 0.0002 | P    | 3.6 |
| 2 | <input type="checkbox"/> | 0.100    |            |            |        |      |     |
| 3 | <input type="checkbox"/> | 1.000    | 1.194      | 9577.77    | 0.0013 | P    | 0.5 |
| 4 | <input type="checkbox"/> | 50.000   | 48.754     | 335566.95  | 0.0462 | P    | 1.3 |
| 5 | <input type="checkbox"/> | 125.000  | 123.663    | 832129.34  | 0.1170 | P    | 4.9 |
| 6 | <input type="checkbox"/> | 250.000  | 247.793    | 1633471.81 | 0.2342 | P    | 1.7 |
| 7 | <input type="checkbox"/> | 500.000  | 506.984    | 3288148.19 | 0.4789 | P    | 0.9 |
| 8 | <input type="checkbox"/> | 1000.000 | 997.289    | 6447020.69 | 0.9419 | P    | 1.2 |
| 9 | <input type="checkbox"/> |          |            | 12954.79   | 0.0021 | P    | 3.6 |

$$y = 9.4427E-004 * x + 1.9175E-004$$

$$R = 1.0000$$

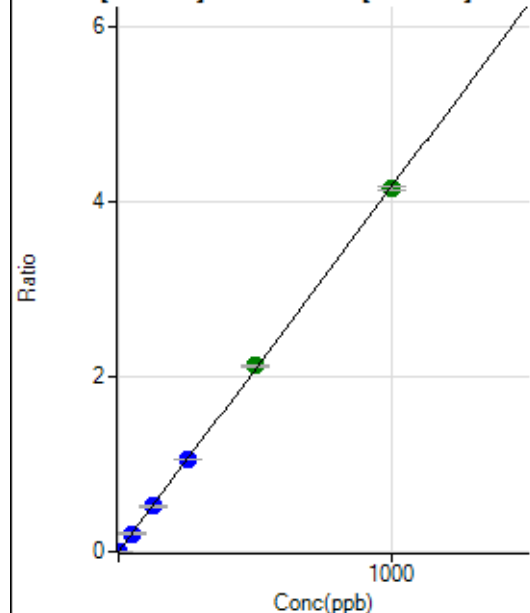
$$DL = 0.02221$$

$$BEC = 0.2031$$

Weight: &lt;None&gt;

Min Conc: 0

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



|   | R <sub>ct</sub>          | Conc.    | Calc Conc. | CPS         | Ratio  | Det. | RSD |
|---|--------------------------|----------|------------|-------------|--------|------|-----|
| 1 | <input type="checkbox"/> | 0.000    | 0.000      | 6545.29     | 0.0009 | P    | 0.8 |
| 2 | <input type="checkbox"/> | 0.100    |            |             |        |      |     |
| 3 | <input type="checkbox"/> | 1.000    | 1.171      | 41806.35    | 0.0058 | P    | 0.9 |
| 4 | <input type="checkbox"/> | 50.000   | 49.580     | 1507692.05  | 0.2077 | P    | 1.2 |
| 5 | <input type="checkbox"/> | 125.000  | 125.827    | 3740829.68  | 0.5258 | P    | 4.8 |
| 6 | <input type="checkbox"/> | 250.000  | 252.338    | 7349042.06  | 1.0536 | P    | 1.6 |
| 7 | <input type="checkbox"/> | 500.000  | 510.291    | 14621648.25 | 2.1297 | A    | 0.7 |
| 8 | <input type="checkbox"/> | 1000.000 | 994.188    | 28394402.25 | 4.1483 | A    | 1.0 |
| 9 | <input type="checkbox"/> |          |            | 59199.04    | 0.0095 | P    | 1.4 |

$$y = 0.0042 * x + 8.7210E-004$$

$$R = 0.9999$$

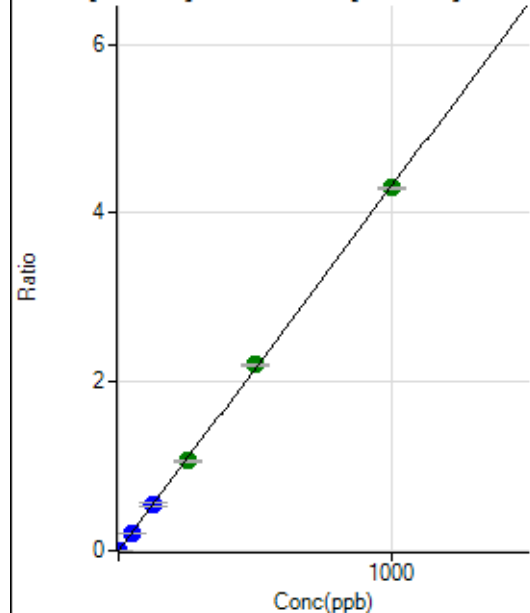
$$DL = 0.005253$$

$$BEC = 0.2091$$

Weight: &lt;None&gt;

Min Conc: 0

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



|   | R <sub>ct</sub>          | Conc.    | Calc Conc. | CPS         | Ratio  | Det. | RSD  |
|---|--------------------------|----------|------------|-------------|--------|------|------|
| 1 | <input type="checkbox"/> | 0.000    | 0.000      | 2194.73     | 0.0003 | P    | 14.9 |
| 2 | <input type="checkbox"/> | 0.100    |            |             |        |      |      |
| 3 | <input type="checkbox"/> | 1.000    | 0.879      | 29679.20    | 0.0041 | P    | 2.1  |
| 4 | <input type="checkbox"/> | 50.000   | 49.250     | 1544946.39  | 0.2128 | P    | 1.5  |
| 5 | <input type="checkbox"/> | 125.000  | 126.958    | 3899191.23  | 0.5482 | P    | 5.7  |
| 6 | <input type="checkbox"/> | 250.000  | 246.248    | 7415101.55  | 1.0630 | A    | 1.8  |
| 7 | <input type="checkbox"/> | 500.000  | 510.639    | 15132438.19 | 2.2041 | A    | 1.0  |
| 8 | <input type="checkbox"/> | 1000.000 | 995.411    | 29407191.63 | 4.2963 | A    | 0.8  |
| 9 | <input type="checkbox"/> |          |            | 7413.57     | 0.0012 | P    | 1.6  |

$$y = 0.0043 * x + 2.9241E-004$$

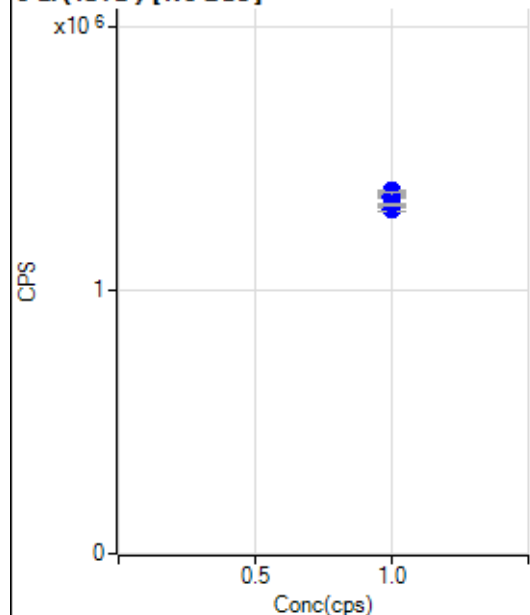
$$R = 0.9999$$

$$DL = 0.03038$$

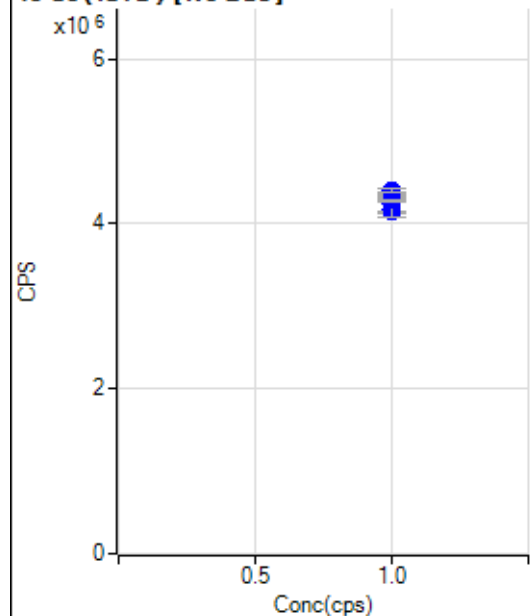
$$BEC = 0.06775$$

Weight: &lt;None&gt;

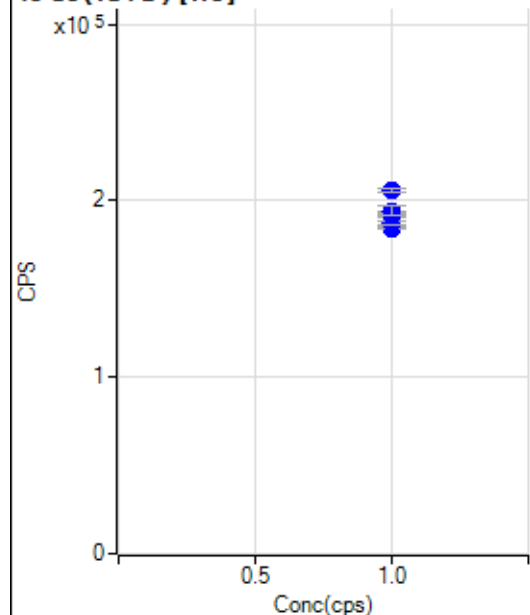
Min Conc: 0

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

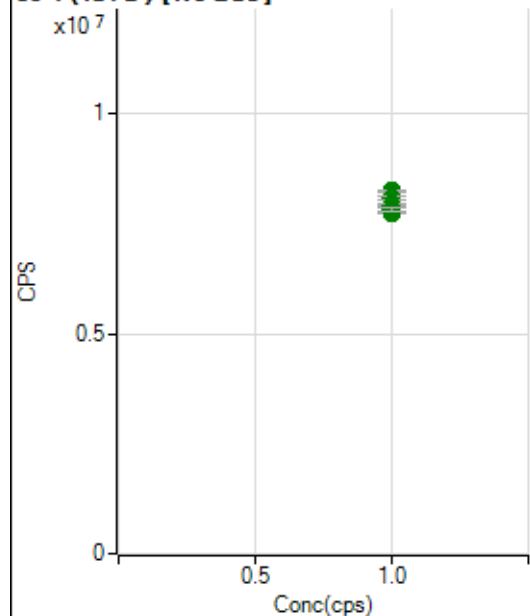
|   | Rj<br>ct                 | Conc. | Calc Conc. | CPS        | Ratio | Det<br>. | RSD |
|---|--------------------------|-------|------------|------------|-------|----------|-----|
| 1 | <input type="checkbox"/> | 1.000 |            | 1379115.66 |       | P        | 0.3 |
| 2 | <input type="checkbox"/> | 1.000 |            |            |       |          |     |
| 3 | <input type="checkbox"/> | 1.000 |            | 1362116.21 |       | P        | 0.6 |
| 4 | <input type="checkbox"/> | 1.000 |            | 1356895.28 |       | P        | 1.0 |
| 5 | <input type="checkbox"/> | 1.000 |            | 1349293.77 |       | P        | 3.2 |
| 6 | <input type="checkbox"/> | 1.000 |            | 1316719.38 |       | P        | 0.3 |
| 7 | <input type="checkbox"/> | 1.000 |            | 1309575.09 |       | P        | 1.6 |
| 8 | <input type="checkbox"/> | 1.000 |            | 1309304.83 |       | P        | 0.7 |
| 9 | <input type="checkbox"/> | 1.000 |            | 1327780.82 |       | P        | 0.9 |

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

|   | Rj<br>ct                 | Conc. | Calc Conc. | CPS        | Ratio | Det<br>. | RSD |
|---|--------------------------|-------|------------|------------|-------|----------|-----|
| 1 | <input type="checkbox"/> | 1.000 |            | 4371321.89 |       | P        | 1.0 |
| 2 | <input type="checkbox"/> | 1.000 |            |            |       |          |     |
| 3 | <input type="checkbox"/> | 1.000 |            | 4302437.47 |       | P        | 1.7 |
| 4 | <input type="checkbox"/> | 1.000 |            | 4290846.23 |       | P        | 0.5 |
| 5 | <input type="checkbox"/> | 1.000 |            | 4249090.33 |       | P        | 5.7 |
| 6 | <input type="checkbox"/> | 1.000 |            | 4147840.28 |       | P        | 0.3 |
| 7 | <input type="checkbox"/> | 1.000 |            | 4172370.32 |       | P        | 4.2 |
| 8 | <input type="checkbox"/> | 1.000 |            | 4281871.93 |       | P        | 0.5 |
| 9 | <input type="checkbox"/> | 1.000 |            | 4398510.56 |       | P        | 1.1 |

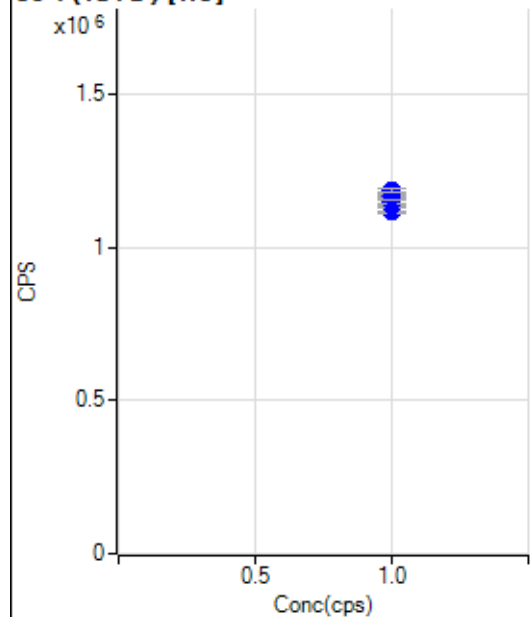
**45 Sc (ISTD) [He]**

|   | Rj<br>ct                 | Conc. | Calc Conc. | CPS       | Ratio | Det<br>. | RSD |
|---|--------------------------|-------|------------|-----------|-------|----------|-----|
| 1 | <input type="checkbox"/> | 1.000 |            | 184244.18 |       | P        | 0.7 |
| 2 | <input type="checkbox"/> | 1.000 |            |           |       |          |     |
| 3 | <input type="checkbox"/> | 1.000 |            | 188368.70 |       | P        | 2.2 |
| 4 | <input type="checkbox"/> | 1.000 |            | 191775.56 |       | P        | 0.1 |
| 5 | <input type="checkbox"/> | 1.000 |            | 193542.07 |       | P        | 0.5 |
| 6 | <input type="checkbox"/> | 1.000 |            | 187632.13 |       | P        | 1.0 |
| 7 | <input type="checkbox"/> | 1.000 |            | 191414.21 |       | P        | 0.2 |
| 8 | <input type="checkbox"/> | 1.000 |            | 194315.97 |       | P        | 2.9 |
| 9 | <input type="checkbox"/> | 1.000 |            | 205511.97 |       | P        | 1.1 |

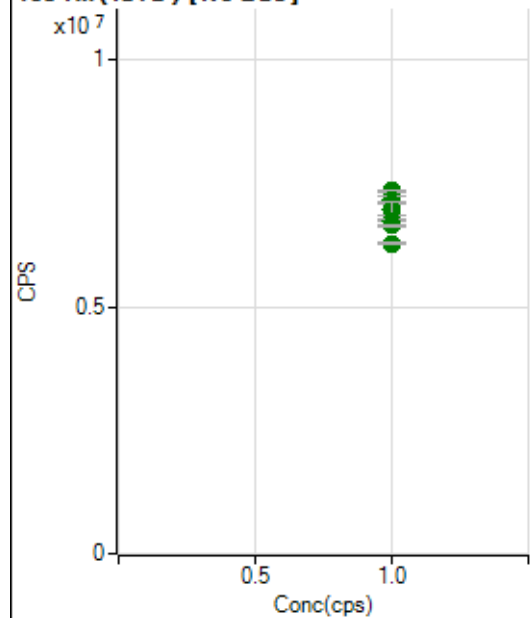
**89 Y (ISTD) [No Gas]**

|   | Rj<br>ct                 | Conc. | Calc Conc. | CPS        | Ratio | Det<br>. | RSD |
|---|--------------------------|-------|------------|------------|-------|----------|-----|
| 1 | <input type="checkbox"/> | 1.000 |            | 8248518.70 |       | A        | 0.6 |
| 2 | <input type="checkbox"/> | 1.000 |            |            |       |          |     |
| 3 | <input type="checkbox"/> | 1.000 |            | 8082329.60 |       | A        | 0.8 |
| 4 | <input type="checkbox"/> | 1.000 |            | 7951583.08 |       | A        | 0.7 |
| 5 | <input type="checkbox"/> | 1.000 |            | 7885223.42 |       | A        | 4.1 |
| 6 | <input type="checkbox"/> | 1.000 |            | 7737617.24 |       | A        | 0.1 |
| 7 | <input type="checkbox"/> | 1.000 |            | 7807628.42 |       | A        | 1.8 |
| 8 | <input type="checkbox"/> | 1.000 |            | 7919951.75 |       | A        | 0.8 |
| 9 | <input type="checkbox"/> | 1.000 |            | 7820677.04 |       | A        | 0.7 |

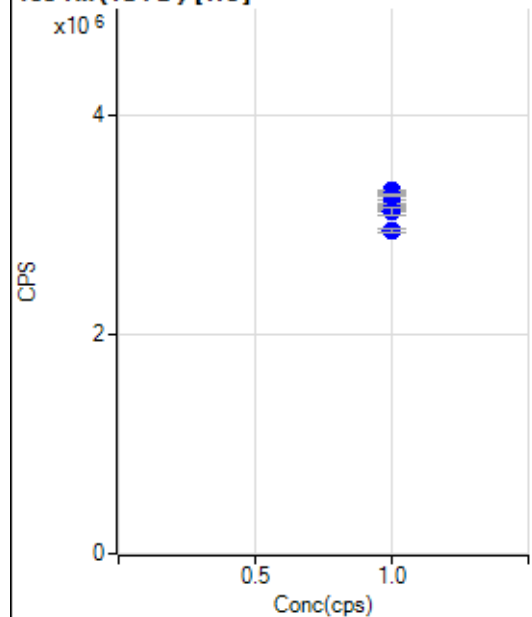


**89 Y(ISTD) [He]**

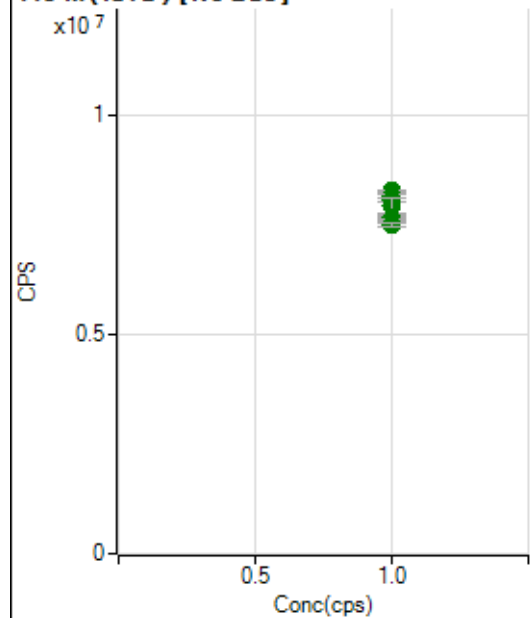
|   | Rj<br>ct                 | Conc. | Calc Conc. | CPS        | Ratio | Det<br>. | RSD |
|---|--------------------------|-------|------------|------------|-------|----------|-----|
| 1 | <input type="checkbox"/> | 1.000 |            | 1117537.70 |       | P        | 0.6 |
| 2 | <input type="checkbox"/> | 1.000 |            |            |       |          |     |
| 3 | <input type="checkbox"/> | 1.000 |            | 1144280.84 |       | P        | 2.4 |
| 4 | <input type="checkbox"/> | 1.000 |            | 1168760.34 |       | P        | 0.8 |
| 5 | <input type="checkbox"/> | 1.000 |            | 1168017.60 |       | P        | 0.4 |
| 6 | <input type="checkbox"/> | 1.000 |            | 1135894.96 |       | P        | 0.6 |
| 7 | <input type="checkbox"/> | 1.000 |            | 1148731.34 |       | P        | 1.1 |
| 8 | <input type="checkbox"/> | 1.000 |            | 1167023.31 |       | P        | 2.1 |
| 9 | <input type="checkbox"/> | 1.000 |            | 1184889.69 |       | P        | 1.0 |

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

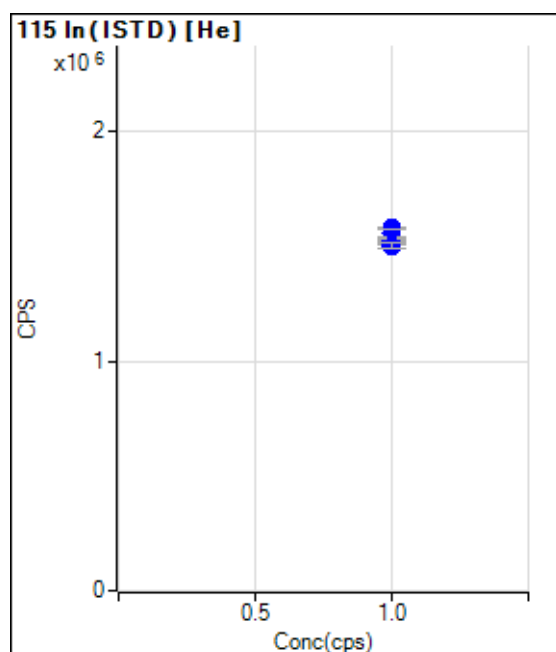
|   | Rj<br>ct                 | Conc. | Calc Conc. | CPS        | Ratio | Det<br>. | RSD |
|---|--------------------------|-------|------------|------------|-------|----------|-----|
| 1 | <input type="checkbox"/> | 1.000 |            | 7351788.97 |       | A        | 0.5 |
| 2 | <input type="checkbox"/> | 1.000 |            |            |       |          |     |
| 3 | <input type="checkbox"/> | 1.000 |            | 7184193.74 |       | A        | 1.3 |
| 4 | <input type="checkbox"/> | 1.000 |            | 7107881.93 |       | A        | 0.9 |
| 5 | <input type="checkbox"/> | 1.000 |            | 6986495.56 |       | A        | 4.0 |
| 6 | <input type="checkbox"/> | 1.000 |            | 6753786.00 |       | A        | 0.8 |
| 7 | <input type="checkbox"/> | 1.000 |            | 6722889.65 |       | A        | 1.9 |
| 8 | <input type="checkbox"/> | 1.000 |            | 6648627.19 |       | A        | 1.0 |
| 9 | <input type="checkbox"/> | 1.000 |            | 6286501.01 |       | A        | 1.0 |

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

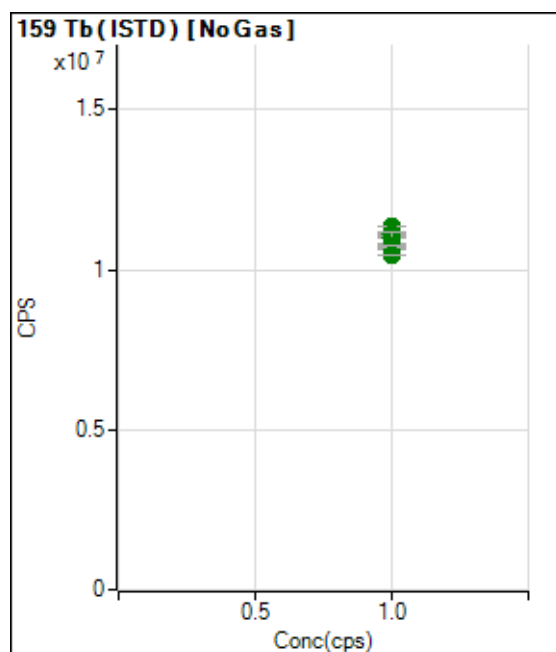
|   | Rj<br>ct                 | Conc. | Calc Conc. | CPS        | Ratio | Det<br>. | RSD |
|---|--------------------------|-------|------------|------------|-------|----------|-----|
| 1 | <input type="checkbox"/> | 1.000 |            | 3180651.65 |       | P        | 0.2 |
| 2 | <input type="checkbox"/> | 1.000 |            |            |       |          |     |
| 3 | <input type="checkbox"/> | 1.000 |            | 3260201.13 |       | P        | 2.4 |
| 4 | <input type="checkbox"/> | 1.000 |            | 3306338.32 |       | P        | 0.7 |
| 5 | <input type="checkbox"/> | 1.000 |            | 3266387.63 |       | P        | 0.3 |
| 6 | <input type="checkbox"/> | 1.000 |            | 3148182.31 |       | P        | 0.3 |
| 7 | <input type="checkbox"/> | 1.000 |            | 3154864.19 |       | P        | 1.8 |
| 8 | <input type="checkbox"/> | 1.000 |            | 3115640.82 |       | P        | 2.2 |
| 9 | <input type="checkbox"/> | 1.000 |            | 2941361.10 |       | P        | 1.2 |

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

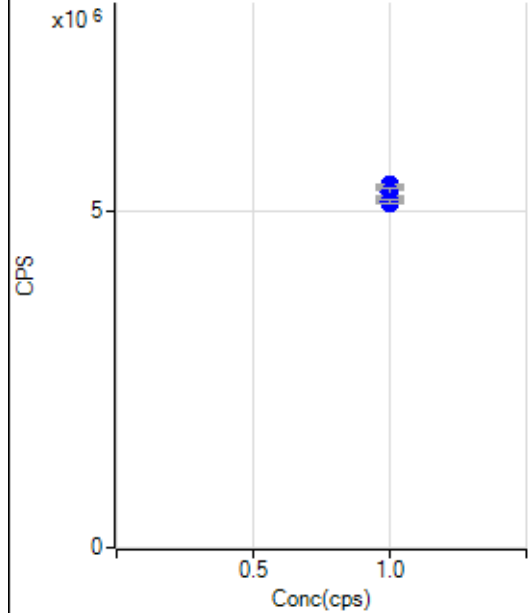
|   | Rj<br>ct                 | Conc. | Calc Conc. | CPS        | Ratio | Det<br>. | RSD |
|---|--------------------------|-------|------------|------------|-------|----------|-----|
| 1 | <input type="checkbox"/> | 1.000 |            | 8291828.07 |       | A        | 0.2 |
| 2 | <input type="checkbox"/> | 1.000 |            |            |       |          |     |
| 3 | <input type="checkbox"/> | 1.000 |            | 8174706.39 |       | A        | 1.3 |
| 4 | <input type="checkbox"/> | 1.000 |            | 8068601.39 |       | A        | 1.1 |
| 5 | <input type="checkbox"/> | 1.000 |            | 7969415.79 |       | A        | 4.3 |
| 6 | <input type="checkbox"/> | 1.000 |            | 7705957.23 |       | A        | 0.3 |
| 7 | <input type="checkbox"/> | 1.000 |            | 7699346.57 |       | A        | 1.9 |
| 8 | <input type="checkbox"/> | 1.000 |            | 7629157.21 |       | A        | 1.0 |
| 9 | <input type="checkbox"/> | 1.000 |            | 7511156.23 |       | A        | 1.5 |



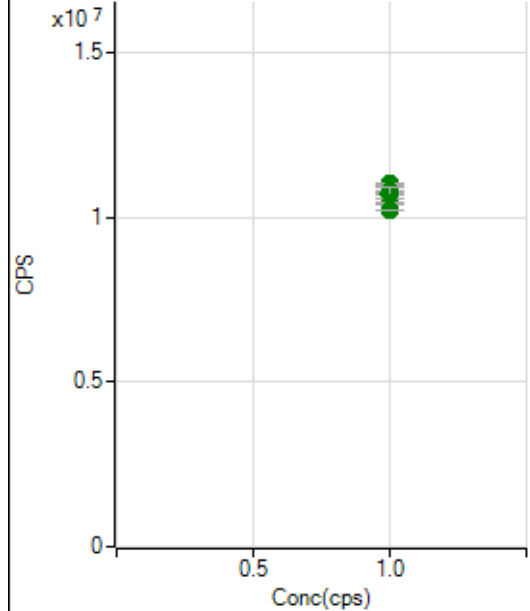
|   | Rj<br>ct                 | Conc. | Calc Conc. | CPS        | Ratio | Det<br>. | RSD |
|---|--------------------------|-------|------------|------------|-------|----------|-----|
| 1 | <input type="checkbox"/> | 1.000 |            | 1516115.85 |       | P        | 0.6 |
| 2 | <input type="checkbox"/> | 1.000 |            |            |       |          |     |
| 3 | <input type="checkbox"/> | 1.000 |            | 1555227.84 |       | P        | 2.2 |
| 4 | <input type="checkbox"/> | 1.000 |            | 1579287.75 |       | P        | 0.6 |
| 5 | <input type="checkbox"/> | 1.000 |            | 1575226.41 |       | P        | 0.3 |
| 6 | <input type="checkbox"/> | 1.000 |            | 1515290.69 |       | P        | 0.2 |
| 7 | <input type="checkbox"/> | 1.000 |            | 1524257.48 |       | P        | 1.9 |
| 8 | <input type="checkbox"/> | 1.000 |            | 1510589.25 |       | P        | 3.0 |
| 9 | <input type="checkbox"/> | 1.000 |            | 1501892.76 |       | P        | 1.6 |



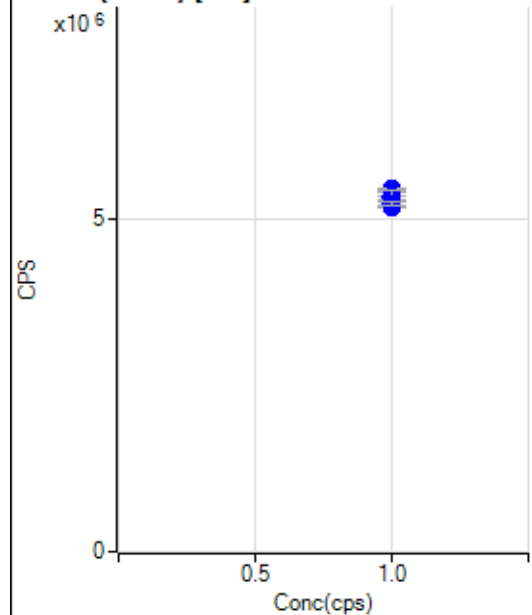
|   | Rj<br>ct                 | Conc. | Calc Conc. | CPS         | Ratio | Det<br>. | RSD |
|---|--------------------------|-------|------------|-------------|-------|----------|-----|
| 1 | <input type="checkbox"/> | 1.000 |            | 11338987.33 |       | A        | 0.1 |
| 2 | <input type="checkbox"/> | 1.000 |            |             |       |          |     |
| 3 | <input type="checkbox"/> | 1.000 |            | 11038374.56 |       | A        | 1.2 |
| 4 | <input type="checkbox"/> | 1.000 |            | 11107792.47 |       | A        | 1.1 |
| 5 | <input type="checkbox"/> | 1.000 |            | 10996228.31 |       | A        | 3.5 |
| 6 | <input type="checkbox"/> | 1.000 |            | 10723003.17 |       | A        | 0.7 |
| 7 | <input type="checkbox"/> | 1.000 |            | 10669981.16 |       | A        | 1.0 |
| 8 | <input type="checkbox"/> | 1.000 |            | 10731121.92 |       | A        | 0.4 |
| 9 | <input type="checkbox"/> | 1.000 |            | 10457040.33 |       | A        | 0.4 |

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

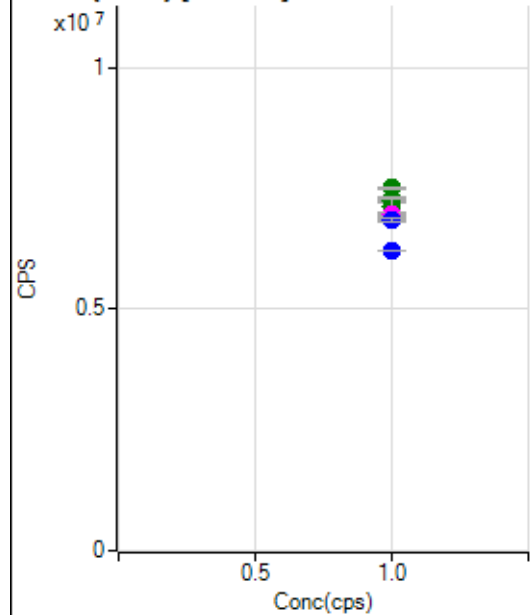
|   | Rj<br>ct                 | Conc. | Calc Conc. | CPS        | Ratio | Det<br>. | RSD |
|---|--------------------------|-------|------------|------------|-------|----------|-----|
| 1 | <input type="checkbox"/> | 1.000 |            | 5114166.11 |       | P        | 0.5 |
| 2 | <input type="checkbox"/> | 1.000 |            |            |       |          |     |
| 3 | <input type="checkbox"/> | 1.000 |            | 5228223.81 |       | P        | 2.5 |
| 4 | <input type="checkbox"/> | 1.000 |            | 5373097.14 |       | P        | 0.1 |
| 5 | <input type="checkbox"/> | 1.000 |            | 5378032.49 |       | P        | 0.6 |
| 6 | <input type="checkbox"/> | 1.000 |            | 5185529.82 |       | P        | 0.1 |
| 7 | <input type="checkbox"/> | 1.000 |            | 5262477.01 |       | P        | 1.4 |
| 8 | <input type="checkbox"/> | 1.000 |            | 5273524.92 |       | P        | 2.5 |
| 9 | <input type="checkbox"/> | 1.000 |            | 5144122.94 |       | P        | 1.1 |

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

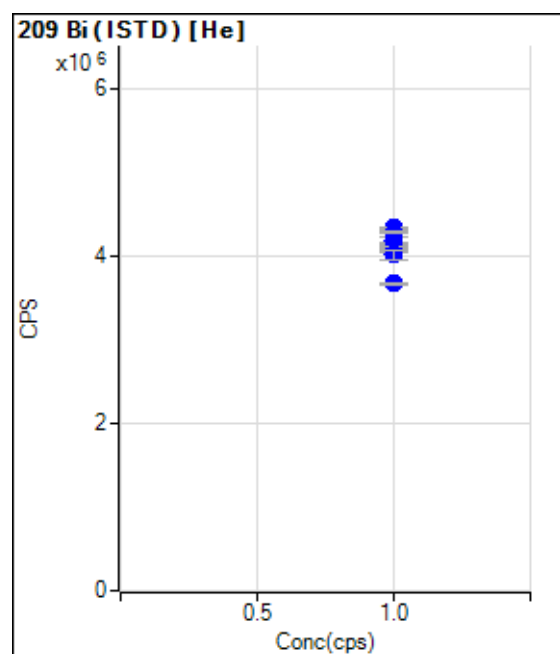
|   | Rj<br>ct                 | Conc. | Calc Conc. | CPS         | Ratio | Det<br>. | RSD |
|---|--------------------------|-------|------------|-------------|-------|----------|-----|
| 1 | <input type="checkbox"/> | 1.000 |            | 11029914.92 |       | A        | 0.2 |
| 2 | <input type="checkbox"/> | 1.000 |            |             |       |          |     |
| 3 | <input type="checkbox"/> | 1.000 |            | 10837306.67 |       | A        | 1.3 |
| 4 | <input type="checkbox"/> | 1.000 |            | 10759311.18 |       | A        | 1.2 |
| 5 | <input type="checkbox"/> | 1.000 |            | 10692064.56 |       | A        | 4.0 |
| 6 | <input type="checkbox"/> | 1.000 |            | 10423122.45 |       | A        | 0.3 |
| 7 | <input type="checkbox"/> | 1.000 |            | 10484856.66 |       | A        | 1.4 |
| 8 | <input type="checkbox"/> | 1.000 |            | 10433773.84 |       | A        | 0.6 |
| 9 | <input type="checkbox"/> | 1.000 |            | 10216418.72 |       | A        | 0.1 |

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

|   | Rj<br>ct                 | Conc. | Calc Conc. | CPS        | Ratio | Det<br>. | RSD |
|---|--------------------------|-------|------------|------------|-------|----------|-----|
| 1 | <input type="checkbox"/> | 1.000 |            | 5181108.95 |       | P        | 0.4 |
| 2 | <input type="checkbox"/> | 1.000 |            |            |       |          |     |
| 3 | <input type="checkbox"/> | 1.000 |            | 5314192.67 |       | P        | 1.8 |
| 4 | <input type="checkbox"/> | 1.000 |            | 5456604.78 |       | P        | 0.3 |
| 5 | <input type="checkbox"/> | 1.000 |            | 5441784.85 |       | P        | 0.6 |
| 6 | <input type="checkbox"/> | 1.000 |            | 5290530.30 |       | P        | 0.1 |
| 7 | <input type="checkbox"/> | 1.000 |            | 5353643.53 |       | P        | 2.2 |
| 8 | <input type="checkbox"/> | 1.000 |            | 5356957.46 |       | P        | 2.7 |
| 9 | <input type="checkbox"/> | 1.000 |            | 5234699.89 |       | P        | 0.6 |

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

|   | Rj<br>ct                 | Conc. | Calc Conc. | CPS        | Ratio | Det<br>. | RSD |
|---|--------------------------|-------|------------|------------|-------|----------|-----|
| 1 | <input type="checkbox"/> | 1.000 |            | 7505314.82 |       | A        | 0.4 |
| 2 | <input type="checkbox"/> | 1.000 |            |            |       |          |     |
| 3 | <input type="checkbox"/> | 1.000 |            | 7260710.38 |       | A        | 1.1 |
| 4 | <input type="checkbox"/> | 1.000 |            | 7259572.95 |       | A        | 1.3 |
| 5 | <input type="checkbox"/> | 1.000 |            | 7125495.59 |       | A        | 4.8 |
| 6 | <input type="checkbox"/> | 1.000 |            | 6976386.29 |       | M        | 1.2 |
| 7 | <input type="checkbox"/> | 1.000 |            | 6866011.43 |       | M        | 0.9 |
| 8 | <input type="checkbox"/> | 1.000 |            | 6845190.59 |       | P        | 1.0 |
| 9 | <input type="checkbox"/> | 1.000 |            | 6205750.25 |       | P        | 0.4 |



|   | Rj<br>ct                 | Conc. | Calc Conc. | CPS        | Ratio | Det<br>. | RSD |
|---|--------------------------|-------|------------|------------|-------|----------|-----|
| 1 | <input type="checkbox"/> | 1.000 |            | 4152553.20 |       | P        | 0.4 |
| 2 | <input type="checkbox"/> | 1.000 |            |            |       |          |     |
| 3 | <input type="checkbox"/> | 1.000 |            | 4197277.16 |       | P        | 2.3 |
| 4 | <input type="checkbox"/> | 1.000 |            | 4344303.90 |       | P        | 0.4 |
| 5 | <input type="checkbox"/> | 1.000 |            | 4292832.33 |       | P        | 0.7 |
| 6 | <input type="checkbox"/> | 1.000 |            | 4104881.64 |       | P        | 0.1 |
| 7 | <input type="checkbox"/> | 1.000 |            | 4082456.71 |       | P        | 1.8 |
| 8 | <input type="checkbox"/> | 1.000 |            | 4021293.17 |       | P        | 3.0 |
| 9 | <input type="checkbox"/> | 1.000 |            | 3681125.02 |       | P        | 0.6 |

|                         |                     |                   |                      |
|-------------------------|---------------------|-------------------|----------------------|
| LB Number :             | LB88853             | Operator :        | Jaswal               |
| Lab Sample ID :         | S0                  | Instrumnet Name : | P7                   |
| Client Sample ID :      | S0                  | Dilution Factor : | 1                    |
| Date & Time Acquired :: | 2017-07-19 11:47:39 | DataFile Name :   | 003CALB_P7071917 -M9 |

| Parameter  | Mass  | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|------------|-------|---------|---------|---------|------------|---------|-------|
| Aluminium  | 27-2  | -0.22   | -0.09   | 0.31    | 0.00       | N/A     | ppb   |
| Antimony   | 121-1 | 0.00    | 0.00    | 0.00    | 0.00       | N/A     | ppb   |
| Arsenic    | 75-2  | -0.02   | 0.04    | -0.02   | 0.00       | N/A     | ppb   |
| Barium     | 135-1 | 0.01    | 0.01    | -0.02   | 0.00       | N/A     | ppb   |
| Barium     | 137-1 | -0.01   | -0.01   | 0.02    | 0.00       | N/A     | ppb   |
| Beryllium  | 9-1   | -0.01   | 0.01    | 0.00    | 0.00       | N/A     | ppb   |
| Bismuth    | 209-1 |         |         |         |            |         | %     |
| Bismuth    | 209-2 |         |         |         |            |         | %     |
| Boron      | 10-1  | -0.05   | -0.11   | 0.15    | 0.00       | N/A     | ppb   |
| Boron      | 11-1  | 0.06    | 0.01    | -0.08   | 0.00       | N/A     | ppb   |
| Cadmium    | 111-1 | 0.08    | 0.03    | -0.11   | 0.00       | N/A     | ppb   |
| Cadmium    | 106-1 | 1.06    | 0.36    | -1.42   | 0.00       | N/A     | ppb   |
| Cadmium    | 108-1 | -0.06   | 0.09    | -0.03   | 0.00       | N/A     | ppb   |
| Calcium    | 43-1  | 0.88    | -1.19   | 0.31    | 0.00       | N/A     | ppb   |
| Calcium    | 44-1  | 0.15    | -0.82   | 0.67    | 0.00       | N/A     | ppb   |
| Chromium   | 52-2  | -0.02   | 0.02    | 0.00    | 0.00       | N/A     | ppb   |
| Cobalt     | 59-2  | 0.00    | -0.01   | 0.01    | 0.00       | N/A     | ppb   |
| Copper     | 63-2  | 0.01    | -0.03   | 0.02    | 0.00       | N/A     | ppb   |
| Dysprosium | 156-1 |         |         |         |            |         | cps   |
| Dysprosium | 156-2 |         |         |         |            |         | cps   |
| Erbium     | 164-1 |         |         |         |            |         | cps   |
| Erbium     | 164-2 |         |         |         |            |         | cps   |
| Gadolinium | 160-1 |         |         |         |            |         | cps   |
| Gadolinium | 160-2 |         |         |         |            |         | cps   |
| Holmium    | 165-1 |         |         |         |            |         | %     |
| Holmium    | 165-2 |         |         |         |            |         | %     |
| Indium     | 115-1 |         |         |         |            |         | %     |
| Indium     | 115-2 |         |         |         |            |         | %     |
| Iron       | 56-2  | 0.09    | 0.01    | -0.09   | 0.00       | N/A     | ppb   |
| Iron       | 57-2  | -0.19   | 0.16    | 0.02    | 0.00       | N/A     | ppb   |
| Lead       | 206-1 | 0.01    | 0.00    | 0.00    | 0.00       | N/A     | ppb   |
| Lead       | 207-1 | 0.00    | -0.01   | 0.00    | 0.00       | N/A     | ppb   |
| Lead       | 208-1 | 0.00    | 0.00    | 0.00    | 0.00       | N/A     | ppb   |
| Lithium    | 6-1   |         |         |         |            |         | %     |
| Magnesium  | 24-2  | 0.59    | 0.67    | -1.26   | 0.00       | N/A     | ppb   |
| Manganese  | 55-2  | 0.02    | 0.00    | -0.02   | 0.00       | N/A     | ppb   |

|                         |                     |                   |                      |
|-------------------------|---------------------|-------------------|----------------------|
| LB Number :             | LB88853             | Operator :        | Jaswal               |
| Lab Sample ID :         | S0                  | Instrumnet Name : | P7                   |
| Client Sample ID :      | S0                  | Dilution Factor : | 1                    |
| Date & Time Acquired :: | 2017-07-19 11:47:39 | DataFile Name :   | 003CALB_P7071917 -M9 |

| 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  | 0.01    | 0.00    | -0.01   | 0.00       | N/A     | ppb   |
| Molybdenum | 96-1  | 0.00    | 0.00    | 0.00    | 0.00       | N/A     | ppb   |
| Molybdenum | 97-1  | 0.01    | 0.00    | -0.01   | 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  | -0.02   | 0.00    | 0.02    | 0.00       | N/A     | ppb   |
| Phosphorus | 31-2  | 8.33    | 15.20   | 2.70    | 8.74       | 71.59   | ppb   |
| Potassium  | 39-2  | 5.10    | -3.35   | -1.75   | 0.00       | N/A     | ppb   |
| Rhodium    | 103-1 |         |         |         |            |         | %     |
| Rhodium    | 103-2 |         |         |         |            |         | %     |
| Scandium   | 45-1  |         |         |         |            |         | %     |
| Scandium   | 45-2  |         |         |         |            |         | %     |
| Selenium   | 77-2  | 0.00    | 0.00    | 0.00    | 0.00       | N/A     | ppb   |
| Selenium   | 78-2  | -0.58   | 0.76    | -0.17   | 0.00       | N/A     | ppb   |
| Selenium   | 82-1  | 0.37    | -0.55   | 0.18    | 0.00       | N/A     | ppb   |
| Silicon    | 28-1  | 0.08    | 0.46    | -0.54   | 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  | 0.47    | 0.08    | -0.56   | 0.00       | N/A     | ppb   |
| Strontium  | 86-1  | 0.01    | -0.02   | 0.01    | 0.00       | N/A     | ppb   |
| Strontium  | 88-1  | 0.00    | 0.00    | 0.00    | 0.00       | N/A     | ppb   |
| Sulfur     | 34-1  | -127.62 | -48.90  | -104.09 | -93.54     |         | ppb   |
| Terbium    | 159-1 |         |         |         |            |         | %     |
| Terbium    | 159-2 |         |         |         |            |         | %     |
| Thallium   | 203-1 | 0.01    | 0.00    | -0.01   | 0.00       | N/A     | ppb   |
| Thallium   | 205-1 | 0.00    | 0.00    | 0.00    | 0.00       | N/A     | ppb   |
| Tin        | 118-1 | 0.03    | -0.02   | -0.01   | 0.00       | N/A     | ppb   |
| Titanium   | 47-1  | -0.02   | 0.00    | 0.02    | 0.00       | N/A     | ppb   |
| Uranium    | 238-1 | 0.01    | -0.01   | -0.01   | 0.00       | N/A     | ppb   |
| Vanadium   | 51-2  | 0.00    | -0.01   | 0.01    | 0.00       | N/A     | ppb   |
| Yttrium    | 89-1  |         |         |         |            |         | %     |
| Yttrium    | 89-2  |         |         |         |            |         | %     |
| Zinc       | 66-2  | 0.04    | -0.04   | 0.01    | 0.00       | N/A     | ppb   |
| Zirconium  | 90-1  | 0.01    | 0.00    | 0.00    | 0.00       | N/A     | ppb   |



|                         |                     |                   |                      |
|-------------------------|---------------------|-------------------|----------------------|
| LB Number :             | LB88853             | Operator :        | Jaswal               |
| Lab Sample ID :         | S0                  | Instrumnet Name : | P7                   |
| Client Sample ID :      | S0                  | Dilution Factor : | 1                    |
| Date & Time Acquired :: | 2017-07-19 11:47:39 | DataFile Name :   | 003CALB_P7071917 -M9 |

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

|                         |                     |                   |                      |
|-------------------------|---------------------|-------------------|----------------------|
| LB Number :             | LB88853             | Operator :        | Jaswal               |
| Lab Sample ID :         | S2                  | Instrumnet Name : | P7                   |
| Client Sample ID :      | S2                  | Dilution Factor : | 1                    |
| Date & Time Acquired :: | 2017-07-19 11:55:27 | DataFile Name :   | 005CALS_P7071917 -M9 |

| Parameter  | Mass  | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|------------|-------|---------|---------|---------|------------|---------|-------|
| Aluminium  | 27-2  | 17.84   | 19.13   | 15.59   | 17.52      | 10.22   | ppb   |
| Antimony   | 121-1 | 1.89    | 1.81    | 1.82    | 1.84       | 2.17    | ppb   |
| Arsenic    | 75-2  | 0.91    | 0.91    | 1.10    | 0.97       | 11.22   | ppb   |
| Barium     | 135-1 | 8.63    | 9.08    | 8.71    | 8.81       | 2.72    | ppb   |
| Barium     | 137-1 | 9.06    | 8.97    | 8.73    | 8.92       | 1.88    | ppb   |
| Beryllium  | 9-1   | 0.84    | 0.87    | 0.90    | 0.87       | 3.40    | ppb   |
| Bismuth    | 209-1 |         |         |         |            |         | %     |
| Bismuth    | 209-2 |         |         |         |            |         | %     |
| Boron      | 10-1  | 21.20   | 21.39   | 21.33   | 21.30      | 0.46    | ppb   |
| Boron      | 11-1  | 19.58   | 20.77   | 22.16   | 20.84      | 6.21    | ppb   |
| Cadmium    | 111-1 | 1.01    | 1.07    | 0.77    | 0.95       | 16.60   | ppb   |
| Cadmium    | 106-1 | 1.29    | 1.48    | -0.75   | 0.67       | 183.25  | ppb   |
| Cadmium    | 108-1 | 0.90    | 1.26    | 0.87    | 1.01       | 21.47   | ppb   |
| Calcium    | 43-1  | 428.50  | 441.33  | 449.33  | 439.72     | 2.39    | ppb   |
| Calcium    | 44-1  | 443.25  | 432.90  | 433.67  | 436.60     | 1.32    | ppb   |
| Chromium   | 52-2  | 2.05    | 2.02    | 1.99    | 2.02       | 1.53    | ppb   |
| Cobalt     | 59-2  | 0.89    | 0.92    | 0.96    | 0.92       | 4.12    | ppb   |
| Copper     | 63-2  | 2.15    | 2.39    | 2.32    | 2.29       | 5.36    | 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  | 50.20   | 49.75   | 49.12   | 49.69      | 1.10    | ppb   |
| Iron       | 57-2  | 49.76   | 46.69   | 51.29   | 49.25      | 4.76    | ppb   |
| Lead       | 206-1 | 1.15    | 1.14    | 1.17    | 1.15       | 1.50    | ppb   |
| Lead       | 207-1 | 1.20    | 1.19    | 1.19    | 1.19       | 0.57    | ppb   |
| Lead       | 208-1 | 1.18    | 1.18    | 1.16    | 1.17       | 1.11    | ppb   |
| Lithium    | 6-1   |         |         |         |            |         | %     |
| Magnesium  | 24-2  | 469.51  | 466.61  | 460.56  | 465.56     | 0.98    | ppb   |
| Manganese  | 55-2  | 0.93    | 0.96    | 0.96    | 0.95       | 1.78    | ppb   |

|                         |                     |                   |                      |
|-------------------------|---------------------|-------------------|----------------------|
| LB Number :             | LB88853             | Operator :        | Jaswal               |
| Lab Sample ID :         | S2                  | Instrumnet Name : | P7                   |
| Client Sample ID :      | S2                  | Dilution Factor : | 1                    |
| Date & Time Acquired :: | 2017-07-19 11:55:27 | DataFile Name :   | 005CALS_P7071917 -M9 |

| Parameter  | Mass  | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|------------|-------|---------|---------|---------|------------|---------|-------|
| Molybdenum | 94-1  | 1.97    | 1.96    | 1.94    | 1.96       | 0.77    | ppb   |
| Molybdenum | 95-1  | 4.41    | 4.34    | 4.28    | 4.35       | 1.47    | ppb   |
| Molybdenum | 96-1  | 3.85    | 3.79    | 3.93    | 3.86       | 1.91    | ppb   |
| Molybdenum | 97-1  | 4.45    | 4.42    | 4.44    | 4.44       | 0.42    | ppb   |
| Molybdenum | 98-1  | 4.42    | 4.37    | 4.41    | 4.40       | 0.53    | ppb   |
| Neodymium  | 150-1 |         |         |         |            |         | cps   |
| Neodymium  | 150-2 |         |         |         |            |         | cps   |
| Nickel     | 60-2  | 0.82    | 0.93    | 0.92    | 0.89       | 6.66    | ppb   |
| Phosphorus | 31-2  | -10.99  | 1.86    | -17.10  | -8.74      |         | ppb   |
| Potassium  | 39-2  | 451.83  | 447.88  | 455.66  | 451.79     | 0.86    | ppb   |
| Rhodium    | 103-1 |         |         |         |            |         | %     |
| Rhodium    | 103-2 |         |         |         |            |         | %     |
| Scandium   | 45-1  |         |         |         |            |         | %     |
| Scandium   | 45-2  |         |         |         |            |         | %     |
| Selenium   | 77-2  | 4.36    | 5.08    | 7.85    | 5.76       | 31.91   | ppb   |
| Selenium   | 78-2  | 4.15    | 5.15    | 4.34    | 4.55       | 11.74   | ppb   |
| Selenium   | 82-1  | 4.79    | 5.79    | 4.46    | 5.01       | 13.84   | ppb   |
| Silicon    | 28-1  | 10.25   | 8.55    | 8.80    | 9.20       | 9.98    | ppb   |
| Silver     | 109-1 | 1.20    | 1.26    | 1.23    | 1.23       | 2.29    | ppb   |
| Silver     | 107-1 | 1.24    | 1.18    | 1.22    | 1.21       | 2.28    | ppb   |
| Sodium     | 23-2  | 475.33  | 474.59  | 481.82  | 477.24     | 0.83    | ppb   |
| Strontium  | 86-1  | 0.90    | 0.98    | 0.91    | 0.93       | 4.86    | ppb   |
| Strontium  | 88-1  | 0.93    | 0.95    | 0.95    | 0.95       | 1.08    | ppb   |
| Sulfur     | 34-1  | 252.23  | -27.83  | 56.21   | 93.54      | 153.65  | ppb   |
| Terbium    | 159-1 |         |         |         |            |         | %     |
| Terbium    | 159-2 |         |         |         |            |         | %     |
| Thallium   | 203-1 | 0.94    | 0.88    | 0.90    | 0.91       | 3.23    | ppb   |
| Thallium   | 205-1 | 0.99    | 0.95    | 0.92    | 0.95       | 3.30    | ppb   |
| Tin        | 118-1 | 4.60    | 4.45    | 4.51    | 4.52       | 1.61    | ppb   |
| Titanium   | 47-1  | 4.29    | 4.35    | 4.53    | 4.39       | 2.88    | ppb   |
| Uranium    | 238-1 | 0.90    | 0.88    | 0.86    | 0.88       | 2.24    | ppb   |
| Vanadium   | 51-2  | 4.35    | 4.49    | 4.64    | 4.49       | 3.25    | ppb   |
| Yttrium    | 89-1  |         |         |         |            |         | %     |
| Yttrium    | 89-2  |         |         |         |            |         | %     |
| Zinc       | 66-2  | 2.50    | 2.13    | 2.44    | 2.36       | 8.40    | ppb   |
| Zirconium  | 90-1  | 0.91    | 0.88    | 0.85    | 0.88       | 3.60    | ppb   |

|                         |                     |                   |                      |
|-------------------------|---------------------|-------------------|----------------------|
| LB Number :             | LB88853             | Operator :        | Jaswal               |
| Lab Sample ID :         | S2                  | Instrumnet Name : | P7                   |
| Client Sample ID :      | S2                  | Dilution Factor : | 1                    |
| Date & Time Acquired :: | 2017-07-19 11:55:27 | DataFile Name :   | 005CALS_P7071917 -M9 |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|-----------|------|---------|---------|---------|------------|---------|-------|
| Zirconium | 91-1 | 0.85    | 0.92    | 0.86    | 0.88       | 4.23    | ppb   |

|                         |                     |                   |                      |
|-------------------------|---------------------|-------------------|----------------------|
| LB Number :             | LB88853             | Operator :        | Jaswal               |
| Lab Sample ID :         | S3                  | Instrumnet Name : | P7                   |
| Client Sample ID :      | S3                  | Dilution Factor : | 1                    |
| Date & Time Acquired :: | 2017-07-19 11:59:14 | DataFile Name :   | 006CALS_P7071917 -M9 |

| Parameter  | Mass  | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|------------|-------|---------|---------|---------|------------|---------|-------|
| Aluminium  | 27-2  | 1010.03 | 1011.79 | 1024.10 | 1015.31    | 0.76    | ppb   |
| Antimony   | 121-1 | 47.60   | 49.33   | 47.82   | 48.25      | 1.95    | ppb   |
| Arsenic    | 75-2  | 49.96   | 50.98   | 49.82   | 50.25      | 1.26    | ppb   |
| Barium     | 135-1 | 241.29  | 248.05  | 240.05  | 243.13     | 1.77    | ppb   |
| Barium     | 137-1 | 242.44  | 251.77  | 244.99  | 246.40     | 1.96    | ppb   |
| Beryllium  | 9-1   | 50.35   | 51.43   | 50.18   | 50.65      | 1.34    | ppb   |
| Bismuth    | 209-1 |         |         |         |            |         | %     |
| Bismuth    | 209-2 |         |         |         |            |         | %     |
| Boron      | 10-1  | 49.50   | 46.50   | 47.73   | 47.91      | 3.15    | ppb   |
| Boron      | 11-1  | 47.12   | 47.14   | 47.90   | 47.39      | 0.94    | ppb   |
| Cadmium    | 111-1 | 51.00   | 51.52   | 50.07   | 50.86      | 1.45    | ppb   |
| Cadmium    | 106-1 | 50.62   | 48.19   | 49.17   | 49.32      | 2.48    | ppb   |
| Cadmium    | 108-1 | 52.57   | 51.58   | 50.26   | 51.47      | 2.25    | ppb   |
| Calcium    | 43-1  | 4880.08 | 4952.25 | 4859.18 | 4897.17    | 1.00    | ppb   |
| Calcium    | 44-1  | 4878.82 | 4962.95 | 4888.76 | 4910.18    | 0.94    | ppb   |
| Chromium   | 52-2  | 51.26   | 50.98   | 51.30   | 51.18      | 0.35    | ppb   |
| Cobalt     | 59-2  | 51.80   | 51.37   | 51.95   | 51.71      | 0.58    | ppb   |
| Copper     | 63-2  | 105.28  | 106.03  | 105.61  | 105.64     | 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  | 2756.92 | 2767.40 | 2753.87 | 2759.40    | 0.26    | ppb   |
| Iron       | 57-2  | 2667.34 | 2643.27 | 2683.86 | 2664.82    | 0.77    | ppb   |
| Lead       | 206-1 | 49.64   | 50.60   | 49.89   | 50.04      | 0.99    | ppb   |
| Lead       | 207-1 | 48.46   | 49.48   | 48.32   | 48.75      | 1.29    | ppb   |
| Lead       | 208-1 | 49.21   | 50.28   | 49.25   | 49.58      | 1.22    | ppb   |
| Lithium    | 6-1   |         |         |         |            |         | %     |
| Magnesium  | 24-2  | 5169.79 | 5170.46 | 5154.57 | 5164.94    | 0.17    | ppb   |
| Manganese  | 55-2  | 102.04  | 102.33  | 101.51  | 101.96     | 0.41    | ppb   |

|                         |                     |                   |                      |
|-------------------------|---------------------|-------------------|----------------------|
| LB Number :             | LB88853             | Operator :        | Jaswal               |
| Lab Sample ID :         | S3                  | Instrumnet Name : | P7                   |
| Client Sample ID :      | S3                  | Dilution Factor : | 1                    |
| Date & Time Acquired :: | 2017-07-19 11:59:14 | DataFile Name :   | 006CAL5_P7071917 -M9 |

| Parameter  | Mass  | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|------------|-------|---------|---------|---------|------------|---------|-------|
| Molybdenum | 94-1  | 48.03   | 49.97   | 49.55   | 49.18      | 2.07    | ppb   |
| Molybdenum | 95-1  | 49.16   | 49.64   | 49.88   | 49.56      | 0.74    | ppb   |
| Molybdenum | 96-1  | 48.53   | 49.34   | 49.06   | 48.98      | 0.84    | ppb   |
| Molybdenum | 97-1  | 49.45   | 50.18   | 49.88   | 49.84      | 0.74    | ppb   |
| Molybdenum | 98-1  | 49.14   | 49.71   | 49.87   | 49.57      | 0.77    | ppb   |
| Neodymium  | 150-1 |         |         |         |            |         | cps   |
| Neodymium  | 150-2 |         |         |         |            |         | cps   |
| Nickel     | 60-2  | 52.88   | 53.30   | 52.58   | 52.92      | 0.68    | ppb   |
| Phosphorus | 31-2  | 935.52  | 1044.04 | 965.02  | 981.53     | 5.72    | ppb   |
| Potassium  | 39-2  | 2535.20 | 2556.51 | 2550.79 | 2547.50    | 0.43    | ppb   |
| Rhodium    | 103-1 |         |         |         |            |         | %     |
| Rhodium    | 103-2 |         |         |         |            |         | %     |
| Scandium   | 45-1  |         |         |         |            |         | %     |
| Scandium   | 45-2  |         |         |         |            |         | %     |
| Selenium   | 77-2  | 50.99   | 41.47   | 51.12   | 47.86      | 11.56   | ppb   |
| Selenium   | 78-2  | 49.01   | 52.57   | 51.51   | 51.03      | 3.58    | ppb   |
| Selenium   | 82-1  | 52.08   | 50.82   | 52.47   | 51.79      | 1.67    | ppb   |
| Silicon    | 28-1  | 49.98   | 50.36   | 49.74   | 50.03      | 0.62    | ppb   |
| Silver     | 109-1 | 49.83   | 50.71   | 50.23   | 50.26      | 0.88    | ppb   |
| Silver     | 107-1 | 50.20   | 50.57   | 49.99   | 50.25      | 0.58    | ppb   |
| Sodium     | 23-2  | 5171.28 | 5199.60 | 5176.72 | 5182.53    | 0.29    | ppb   |
| Strontium  | 86-1  | 49.47   | 50.14   | 50.38   | 50.00      | 0.94    | ppb   |
| Strontium  | 88-1  | 49.78   | 50.58   | 50.19   | 50.18      | 0.80    | ppb   |
| Sulfur     | 34-1  | 943.49  | 798.28  | 834.91  | 858.89     | 8.79    | ppb   |
| Terbium    | 159-1 |         |         |         |            |         | %     |
| Terbium    | 159-2 |         |         |         |            |         | %     |
| Thallium   | 203-1 | 48.23   | 49.80   | 48.67   | 48.90      | 1.66    | ppb   |
| Thallium   | 205-1 | 49.09   | 50.81   | 49.76   | 49.89      | 1.73    | ppb   |
| Tin        | 118-1 | 50.56   | 49.56   | 48.82   | 49.65      | 1.75    | ppb   |
| Titanium   | 47-1  | 50.05   | 49.47   | 49.50   | 49.67      | 0.66    | ppb   |
| Uranium    | 238-1 | 48.75   | 50.11   | 48.89   | 49.25      | 1.52    | ppb   |
| Vanadium   | 51-2  | 49.83   | 50.41   | 49.78   | 50.01      | 0.70    | ppb   |
| Yttrium    | 89-1  |         |         |         |            |         | %     |
| Yttrium    | 89-2  |         |         |         |            |         | %     |
| Zinc       | 66-2  | 106.16  | 109.45  | 107.55  | 107.72     | 1.53    | ppb   |
| Zirconium  | 90-1  | 48.03   | 48.94   | 48.11   | 48.36      | 1.04    | ppb   |

|                         |                     |                   |                      |
|-------------------------|---------------------|-------------------|----------------------|
| LB Number :             | LB88853             | Operator :        | Jaswal               |
| Lab Sample ID :         | S3                  | Instrumnet Name : | P7                   |
| Client Sample ID :      | S3                  | Dilution Factor : | 1                    |
| Date & Time Acquired :: | 2017-07-19 11:59:14 | DataFile Name :   | 006CALS_P7071917 -M9 |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|-----------|------|---------|---------|---------|------------|---------|-------|
| Zirconium | 91-1 | 47.37   | 48.48   | 47.12   | 47.65      | 1.52    | ppb   |

|                         |                     |                   |                      |
|-------------------------|---------------------|-------------------|----------------------|
| LB Number :             | LB88853             | Operator :        | Jaswal               |
| Lab Sample ID :         | S4                  | Instrumnet Name : | P7                   |
| Client Sample ID :      | S4                  | Dilution Factor : | 1                    |
| Date & Time Acquired :: | 2017-07-19 12:03:02 | DataFile Name :   | 007CAL5_P7071917 -M9 |

| Parameter  | Mass  | ConRep1  | ConRep2  | ConRep3  | Avg. Conc. | ConcRSD | Units |
|------------|-------|----------|----------|----------|------------|---------|-------|
| Aluminium  | 27-2  | 2461.03  | 2505.29  | 2535.85  | 2500.72    | 1.50    | ppb   |
| Antimony   | 121-1 | 121.21   | 129.23   | 119.50   | 123.32     | 4.21    | ppb   |
| Arsenic    | 75-2  | 124.78   | 122.33   | 125.91   | 124.34     | 1.47    | ppb   |
| Barium     | 135-1 | 603.84   | 633.41   | 592.89   | 610.05     | 3.44    | ppb   |
| Barium     | 137-1 | 617.29   | 648.58   | 602.46   | 622.78     | 3.78    | ppb   |
| Beryllium  | 9-1   | 125.97   | 132.16   | 121.56   | 126.56     | 4.21    | ppb   |
| Bismuth    | 209-1 |          |          |          |            |         | %     |
| Bismuth    | 209-2 |          |          |          |            |         | %     |
| Boron      | 10-1  | 119.64   | 126.85   | 111.95   | 119.48     | 6.23    | ppb   |
| Boron      | 11-1  | 118.35   | 125.92   | 118.66   | 120.97     | 3.54    | ppb   |
| Cadmium    | 111-1 | 127.80   | 133.34   | 124.16   | 128.43     | 3.60    | ppb   |
| Cadmium    | 106-1 | 123.84   | 129.48   | 121.86   | 125.06     | 3.16    | ppb   |
| Cadmium    | 108-1 | 123.56   | 133.69   | 122.63   | 126.62     | 4.85    | ppb   |
| Calcium    | 43-1  | 12338.00 | 13225.83 | 11865.94 | 12476.59   | 5.53    | ppb   |
| Calcium    | 44-1  | 12362.18 | 13324.71 | 11883.10 | 12523.33   | 5.86    | ppb   |
| Chromium   | 52-2  | 124.32   | 124.66   | 126.61   | 125.20     | 0.99    | ppb   |
| Cobalt     | 59-2  | 126.27   | 126.16   | 127.62   | 126.68     | 0.64    | ppb   |
| Copper     | 63-2  | 255.38   | 257.95   | 259.93   | 257.75     | 0.89    | 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  | 6633.48  | 6550.39  | 6672.34  | 6618.74    | 0.94    | ppb   |
| Iron       | 57-2  | 6549.44  | 6506.52  | 6692.61  | 6582.86    | 1.48    | ppb   |
| Lead       | 206-1 | 125.51   | 133.06   | 121.01   | 126.52     | 4.81    | ppb   |
| Lead       | 207-1 | 122.62   | 130.16   | 118.21   | 123.66     | 4.89    | ppb   |
| Lead       | 208-1 | 124.90   | 132.24   | 120.34   | 125.83     | 4.77    | ppb   |
| Lithium    | 6-1   |          |          |          |            |         | %     |
| Magnesium  | 24-2  | 12687.59 | 12761.66 | 12828.57 | 12759.28   | 0.55    | ppb   |
| Manganese  | 55-2  | 251.54   | 250.84   | 253.69   | 252.02     | 0.59    | ppb   |



|                         |                     |                   |                      |
|-------------------------|---------------------|-------------------|----------------------|
| LB Number :             | LB88853             | Operator :        | Jaswal               |
| Lab Sample ID :         | S4                  | Instrumnet Name : | P7                   |
| Client Sample ID :      | S4                  | Dilution Factor : | 1                    |
| Date & Time Acquired :: | 2017-07-19 12:03:02 | DataFile Name :   | 007CAL5_P7071917 -M9 |

| Parameter  | Mass  | ConRep1  | ConRep2  | ConRep3  | Avg. Conc. | ConcRSD | Units |
|------------|-------|----------|----------|----------|------------|---------|-------|
| Molybdenum | 94-1  | 124.59   | 131.38   | 120.19   | 125.39     | 4.50    | ppb   |
| Molybdenum | 95-1  | 124.13   | 130.34   | 119.68   | 124.72     | 4.30    | ppb   |
| Molybdenum | 96-1  | 123.48   | 130.57   | 120.20   | 124.75     | 4.25    | ppb   |
| Molybdenum | 97-1  | 124.95   | 132.82   | 119.97   | 125.91     | 5.15    | ppb   |
| Molybdenum | 98-1  | 126.23   | 131.55   | 119.78   | 125.85     | 4.68    | ppb   |
| Neodymium  | 150-1 |          |          |          |            |         | cps   |
| Neodymium  | 150-2 |          |          |          |            |         | cps   |
| Nickel     | 60-2  | 129.37   | 129.21   | 131.47   | 130.02     | 0.97    | ppb   |
| Phosphorus | 31-2  | 2496.04  | 2542.07  | 2581.98  | 2540.03    | 1.69    | ppb   |
| Potassium  | 39-2  | 6206.63  | 6244.87  | 6278.63  | 6243.38    | 0.58    | ppb   |
| Rhodium    | 103-1 |          |          |          |            |         | %     |
| Rhodium    | 103-2 |          |          |          |            |         | %     |
| Scandium   | 45-1  |          |          |          |            |         | %     |
| Scandium   | 45-2  |          |          |          |            |         | %     |
| Selenium   | 77-2  | 130.39   | 143.10   | 119.76   | 131.08     | 8.91    | ppb   |
| Selenium   | 78-2  | 126.78   | 121.43   | 123.99   | 124.07     | 2.16    | ppb   |
| Selenium   | 82-1  | 127.44   | 136.33   | 123.47   | 129.08     | 5.10    | ppb   |
| Silicon    | 28-1  | 127.41   | 141.48   | 118.79   | 129.23     | 8.86    | ppb   |
| Silver     | 109-1 | 124.94   | 130.26   | 122.32   | 125.84     | 3.21    | ppb   |
| Silver     | 107-1 | 125.77   | 130.04   | 122.06   | 125.96     | 3.17    | ppb   |
| Sodium     | 23-2  | 12807.53 | 12847.93 | 12933.41 | 12862.96   | 0.50    | ppb   |
| Strontium  | 86-1  | 124.19   | 131.42   | 121.91   | 125.84     | 3.95    | ppb   |
| Strontium  | 88-1  | 126.51   | 133.16   | 123.08   | 127.58     | 4.01    | ppb   |
| Sulfur     | 34-1  | 2243.05  | 2864.99  | 1687.73  | 2265.26    | 26.00   | ppb   |
| Terbium    | 159-1 |          |          |          |            |         | %     |
| Terbium    | 159-2 |          |          |          |            |         | %     |
| Thallium   | 203-1 | 122.70   | 130.59   | 118.74   | 124.01     | 4.86    | ppb   |
| Thallium   | 205-1 | 125.75   | 133.38   | 121.69   | 126.94     | 4.68    | ppb   |
| Tin        | 118-1 | 123.53   | 130.32   | 120.55   | 124.80     | 4.01    | ppb   |
| Titanium   | 47-1  | 124.35   | 134.94   | 118.70   | 126.00     | 6.54    | ppb   |
| Uranium    | 238-1 | 125.95   | 134.65   | 120.27   | 126.96     | 5.71    | ppb   |
| Vanadium   | 51-2  | 122.73   | 123.04   | 124.74   | 123.51     | 0.88    | ppb   |
| Yttrium    | 89-1  |          |          |          |            |         | %     |
| Yttrium    | 89-2  |          |          |          |            |         | %     |
| Zinc       | 66-2  | 261.34   | 262.04   | 264.33   | 262.57     | 0.60    | ppb   |
| Zirconium  | 90-1  | 123.89   | 131.16   | 120.12   | 125.05     | 4.49    | ppb   |

|                         |                     |                   |                      |
|-------------------------|---------------------|-------------------|----------------------|
| LB Number :             | LB88853             | Operator :        | Jaswal               |
| Lab Sample ID :         | S4                  | Instrumnet Name : | P7                   |
| Client Sample ID :      | S4                  | Dilution Factor : | 1                    |
| Date & Time Acquired :: | 2017-07-19 12:03:02 | DataFile Name :   | 007CALS_P7071917 -M9 |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|-----------|------|---------|---------|---------|------------|---------|-------|
| Zirconium | 91-1 | 124.39  | 129.84  | 119.92  | 124.72     | 3.98    | ppb   |

|                         |                     |                   |                      |
|-------------------------|---------------------|-------------------|----------------------|
| LB Number :             | LB88853             | Operator :        | Jaswal               |
| Lab Sample ID :         | S5                  | Instrumnet Name : | P7                   |
| Client Sample ID :      | S5                  | Dilution Factor : | 1                    |
| Date & Time Acquired :: | 2017-07-19 12:06:45 | DataFile Name :   | 008CALS_P7071917 -M9 |

| Parameter  | Mass  | ConRep1  | ConRep2  | ConRep3  | Avg. Conc. | ConcRSD | Units |
|------------|-------|----------|----------|----------|------------|---------|-------|
| Aluminium  | 27-2  | 5002.31  | 5049.14  | 4947.66  | 4999.70    | 1.02    | ppb   |
| Antimony   | 121-1 | 246.48   | 249.99   | 249.15   | 248.54     | 0.74    | ppb   |
| Arsenic    | 75-2  | 251.32   | 252.96   | 249.90   | 251.39     | 0.61    | ppb   |
| Barium     | 135-1 | 1224.01  | 1240.47  | 1245.93  | 1236.80    | 0.92    | ppb   |
| Barium     | 137-1 | 1245.18  | 1267.93  | 1267.39  | 1260.17    | 1.03    | ppb   |
| Beryllium  | 9-1   | 252.92   | 248.99   | 251.06   | 250.99     | 0.78    | ppb   |
| Bismuth    | 209-1 |          |          |          |            |         | %     |
| Bismuth    | 209-2 |          |          |          |            |         | %     |
| Boron      | 10-1  | 243.57   | 248.10   | 252.85   | 248.17     | 1.87    | ppb   |
| Boron      | 11-1  | 239.81   | 245.30   | 248.20   | 244.44     | 1.74    | ppb   |
| Cadmium    | 111-1 | 251.46   | 254.67   | 254.86   | 253.66     | 0.75    | ppb   |
| Cadmium    | 106-1 | 242.67   | 258.45   | 252.52   | 251.21     | 3.17    | ppb   |
| Cadmium    | 108-1 | 250.05   | 260.43   | 256.94   | 255.81     | 2.07    | ppb   |
| Calcium    | 43-1  | 25086.16 | 24804.14 | 24734.73 | 24875.01   | 0.75    | ppb   |
| Calcium    | 44-1  | 24749.66 | 24555.35 | 24628.13 | 24644.38   | 0.40    | ppb   |
| Chromium   | 52-2  | 253.54   | 255.00   | 249.67   | 252.74     | 1.09    | ppb   |
| Cobalt     | 59-2  | 253.93   | 255.87   | 252.56   | 254.12     | 0.65    | ppb   |
| Copper     | 63-2  | 517.57   | 523.66   | 508.82   | 516.68     | 1.44    | ppb   |
| Dysprosium | 156-1 |          |          |          |            |         | cps   |
| Dysprosium | 156-2 |          |          |          |            |         | cps   |
| Erbium     | 164-1 |          |          |          |            |         | cps   |
| Erbium     | 164-2 |          |          |          |            |         | cps   |
| Gadolinium | 160-1 |          |          |          |            |         | cps   |
| Gadolinium | 160-2 |          |          |          |            |         | cps   |
| Holmium    | 165-1 |          |          |          |            |         | %     |
| Holmium    | 165-2 |          |          |          |            |         | %     |
| Indium     | 115-1 |          |          |          |            |         | %     |
| Indium     | 115-2 |          |          |          |            |         | %     |
| Iron       | 56-2  | 13472.63 | 13448.08 | 13193.85 | 13371.52   | 1.15    | ppb   |
| Iron       | 57-2  | 13149.44 | 13446.50 | 13166.81 | 13254.25   | 1.26    | ppb   |
| Lead       | 206-1 | 248.74   | 251.33   | 255.78   | 251.95     | 1.41    | ppb   |
| Lead       | 207-1 | 243.20   | 249.01   | 251.17   | 247.79     | 1.66    | ppb   |
| Lead       | 208-1 | 248.01   | 252.99   | 256.02   | 252.34     | 1.60    | ppb   |
| Lithium    | 6-1   |          |          |          |            |         | %     |
| Magnesium  | 24-2  | 25945.67 | 26019.07 | 25445.14 | 25803.29   | 1.21    | ppb   |
| Manganese  | 55-2  | 509.01   | 509.40   | 504.09   | 507.50     | 0.58    | ppb   |

|                         |                     |                   |                      |
|-------------------------|---------------------|-------------------|----------------------|
| LB Number :             | LB88853             | Operator :        | Jaswal               |
| Lab Sample ID :         | S5                  | Instrumnet Name : | P7                   |
| Client Sample ID :      | S5                  | Dilution Factor : | 1                    |
| Date & Time Acquired :: | 2017-07-19 12:06:45 | DataFile Name :   | 008CAL5_P7071917 -M5 |

| Parameter  | Mass  | ConRep1  | ConRep2  | ConRep3  | Avg. Conc. | ConcRSD | Units |
|------------|-------|----------|----------|----------|------------|---------|-------|
| Molybdenum | 94-1  | 252.26   | 252.68   | 251.26   | 252.07     | 0.29    | ppb   |
| Molybdenum | 95-1  | 250.07   | 249.73   | 249.80   | 249.86     | 0.07    | ppb   |
| Molybdenum | 96-1  | 249.49   | 250.04   | 247.94   | 249.16     | 0.44    | ppb   |
| Molybdenum | 97-1  | 251.61   | 250.95   | 251.03   | 251.20     | 0.14    | ppb   |
| Molybdenum | 98-1  | 252.30   | 251.05   | 252.05   | 251.80     | 0.26    | ppb   |
| Neodymium  | 150-1 |          |          |          |            |         | cps   |
| Neodymium  | 150-2 |          |          |          |            |         | cps   |
| Nickel     | 60-2  | 259.85   | 261.73   | 254.41   | 258.67     | 1.47    | ppb   |
| Phosphorus | 31-2  | 5320.54  | 5057.31  | 4936.51  | 5104.79    | 3.85    | ppb   |
| Potassium  | 39-2  | 12726.75 | 12730.43 | 12560.03 | 12672.40   | 0.77    | ppb   |
| Rhodium    | 103-1 |          |          |          |            |         | %     |
| Rhodium    | 103-2 |          |          |          |            |         | %     |
| Scandium   | 45-1  |          |          |          |            |         | %     |
| Scandium   | 45-2  |          |          |          |            |         | %     |
| Selenium   | 77-2  | 235.03   | 250.61   | 262.88   | 249.51     | 5.59    | ppb   |
| Selenium   | 78-2  | 256.64   | 263.77   | 240.16   | 253.53     | 4.78    | ppb   |
| Selenium   | 82-1  | 257.64   | 259.56   | 260.19   | 259.13     | 0.51    | ppb   |
| Silicon    | 28-1  | 262.64   | 261.93   | 264.69   | 263.09     | 0.55    | ppb   |
| Silver     | 109-1 | 247.41   | 252.65   | 253.49   | 251.18     | 1.31    | ppb   |
| Silver     | 107-1 | 248.91   | 252.50   | 252.66   | 251.36     | 0.84    | ppb   |
| Sodium     | 23-2  | 25500.95 | 25510.07 | 25207.43 | 25406.15   | 0.68    | ppb   |
| Strontium  | 86-1  | 253.20   | 250.09   | 251.68   | 251.66     | 0.62    | ppb   |
| Strontium  | 88-1  | 255.48   | 256.78   | 256.99   | 256.42     | 0.32    | ppb   |
| Sulfur     | 34-1  | 4645.25  | 4650.34  | 4673.58  | 4656.39    | 0.32    | ppb   |
| Terbium    | 159-1 |          |          |          |            |         | %     |
| Terbium    | 159-2 |          |          |          |            |         | %     |
| Thallium   | 203-1 | 243.14   | 249.08   | 251.99   | 248.07     | 1.82    | ppb   |
| Thallium   | 205-1 | 252.02   | 254.15   | 259.52   | 255.23     | 1.51    | ppb   |
| Tin        | 118-1 | 247.60   | 250.67   | 251.33   | 249.87     | 0.80    | ppb   |
| Titanium   | 47-1  | 253.33   | 249.02   | 251.39   | 251.25     | 0.86    | ppb   |
| Uranium    | 238-1 | 241.43   | 247.35   | 249.97   | 246.25     | 1.78    | ppb   |
| Vanadium   | 51-2  | 250.36   | 252.72   | 248.03   | 250.37     | 0.94    | ppb   |
| Yttrium    | 89-1  |          |          |          |            |         | %     |
| Yttrium    | 89-2  |          |          |          |            |         | %     |
| Zinc       | 66-2  | 520.77   | 530.55   | 511.79   | 521.04     | 1.80    | ppb   |
| Zirconium  | 90-1  | 254.71   | 253.24   | 253.01   | 253.65     | 0.36    | ppb   |

|                         |                     |                   |                      |
|-------------------------|---------------------|-------------------|----------------------|
| LB Number :             | LB88853             | Operator :        | Jaswal               |
| Lab Sample ID :         | S5                  | Instrumnet Name : | P7                   |
| Client Sample ID :      | S5                  | Dilution Factor : | 1                    |
| Date & Time Acquired :: | 2017-07-19 12:06:45 | DataFile Name :   | 008CALS_P7071917 -M9 |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|-----------|------|---------|---------|---------|------------|---------|-------|
| Zirconium | 91-1 | 252.15  | 251.22  | 250.23  | 251.20     | 0.38    | ppb   |

|                         |                     |                   |                      |
|-------------------------|---------------------|-------------------|----------------------|
| LB Number :             | LB88853             | Operator :        | Jaswal               |
| Lab Sample ID :         | S6                  | Instrumnet Name : | P7                   |
| Client Sample ID :      | S6                  | Dilution Factor : | 1                    |
| Date & Time Acquired :: | 2017-07-19 12:10:26 | DataFile Name :   | 009CAL5_P7071917 -M9 |

| Parameter  | Mass  | ConRep1  | ConRep2  | ConRep3  | Avg. Conc. | ConcRSD | Units |
|------------|-------|----------|----------|----------|------------|---------|-------|
| Aluminium  | 27-2  | 9893.88  | 9817.69  | 9876.69  | 9862.76    | 0.41    | ppb   |
| Antimony   | 121-1 | 503.89   | 519.14   | 508.57   | 510.53     | 1.53    | ppb   |
| Arsenic    | 75-2  | 509.75   | 503.14   | 500.15   | 504.35     | 0.97    | ppb   |
| Barium     | 135-1 | 2512.64  | 2577.31  | 2523.63  | 2537.86    | 1.36    | ppb   |
| Barium     | 137-1 | 2478.64  | 2548.13  | 2505.25  | 2510.67    | 1.40    | ppb   |
| Beryllium  | 9-1   | 500.18   | 517.88   | 500.08   | 506.05     | 2.03    | ppb   |
| Bismuth    | 209-1 |          |          |          |            |         | %     |
| Bismuth    | 209-2 |          |          |          |            |         | %     |
| Boron      | 10-1  | 500.09   | 516.41   | 506.21   | 507.57     | 1.62    | ppb   |
| Boron      | 11-1  | 492.43   | 518.32   | 499.30   | 503.35     | 2.66    | ppb   |
| Cadmium    | 111-1 | 505.86   | 518.49   | 509.11   | 511.15     | 1.28    | ppb   |
| Cadmium    | 106-1 | 513.75   | 523.74   | 501.98   | 513.16     | 2.12    | ppb   |
| Cadmium    | 108-1 | 514.24   | 525.92   | 516.32   | 518.83     | 1.20    | ppb   |
| Calcium    | 43-1  | 48466.83 | 52940.51 | 49443.95 | 50283.76   | 4.68    | ppb   |
| Calcium    | 44-1  | 48369.68 | 52327.53 | 48995.90 | 49897.70   | 4.26    | ppb   |
| Chromium   | 52-2  | 505.06   | 500.88   | 503.25   | 503.06     | 0.42    | ppb   |
| Cobalt     | 59-2  | 506.31   | 503.39   | 505.77   | 505.16     | 0.31    | ppb   |
| Copper     | 63-2  | 1018.26  | 1013.02  | 1019.43  | 1016.91    | 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  | 26561.94 | 26438.79 | 26507.16 | 26502.63   | 0.23    | ppb   |
| Iron       | 57-2  | 26500.72 | 26179.49 | 26563.15 | 26414.45   | 0.78    | ppb   |
| Lead       | 206-1 | 513.44   | 523.90   | 513.51   | 516.95     | 1.16    | ppb   |
| Lead       | 207-1 | 506.02   | 511.87   | 503.06   | 506.98     | 0.88    | ppb   |
| Lead       | 208-1 | 507.92   | 514.70   | 508.26   | 510.29     | 0.75    | ppb   |
| Lithium    | 6-1   |          |          |          |            |         | %     |
| Magnesium  | 24-2  | 50540.01 | 50269.30 | 50548.60 | 50452.64   | 0.31    | ppb   |
| Manganese  | 55-2  | 1009.27  | 999.90   | 1010.69  | 1006.62    | 0.58    | ppb   |

|                         |                     |                   |                      |
|-------------------------|---------------------|-------------------|----------------------|
| LB Number :             | LB88853             | Operator :        | Jaswal               |
| Lab Sample ID :         | S6                  | Instrumnet Name : | P7                   |
| Client Sample ID :      | S6                  | Dilution Factor : | 1                    |
| Date & Time Acquired :: | 2017-07-19 12:10:26 | DataFile Name :   | 009CAL5_P7071917 -M9 |

| Parameter  | Mass  | ConRep1  | ConRep2  | ConRep3  | Avg. Conc. | ConcRSD | Units |
|------------|-------|----------|----------|----------|------------|---------|-------|
| Molybdenum | 94-1  | 505.74   | 526.42   | 511.34   | 514.50     | 2.08    | ppb   |
| Molybdenum | 95-1  | 499.44   | 519.05   | 502.70   | 507.06     | 2.07    | ppb   |
| Molybdenum | 96-1  | 499.94   | 520.40   | 498.66   | 506.34     | 2.41    | ppb   |
| Molybdenum | 97-1  | 501.04   | 518.92   | 500.53   | 506.83     | 2.07    | ppb   |
| Molybdenum | 98-1  | 505.34   | 526.19   | 504.94   | 512.16     | 2.37    | ppb   |
| Neodymium  | 150-1 |          |          |          |            |         | cps   |
| Neodymium  | 150-2 |          |          |          |            |         | cps   |
| Nickel     | 60-2  | 509.03   | 507.87   | 508.06   | 508.32     | 0.12    | ppb   |
| Phosphorus | 31-2  | 9876.62  | 10027.64 | 10345.90 | 10083.38   | 2.38    | ppb   |
| Potassium  | 39-2  | 25528.66 | 25242.83 | 25570.39 | 25447.29   | 0.70    | ppb   |
| Rhodium    | 103-1 |          |          |          |            |         | %     |
| Rhodium    | 103-2 |          |          |          |            |         | %     |
| Scandium   | 45-1  |          |          |          |            |         | %     |
| Scandium   | 45-2  |          |          |          |            |         | %     |
| Selenium   | 77-2  | 537.74   | 525.11   | 495.62   | 519.49     | 4.16    | ppb   |
| Selenium   | 78-2  | 509.50   | 508.50   | 498.91   | 505.64     | 1.16    | ppb   |
| Selenium   | 82-1  | 501.45   | 523.05   | 506.61   | 510.37     | 2.21    | ppb   |
| Silicon    | 28-1  | 511.94   | 571.23   | 530.34   | 537.83     | 5.64    | ppb   |
| Silver     | 109-1 | 505.40   | 514.19   | 505.39   | 508.32     | 1.00    | ppb   |
| Silver     | 107-1 | 504.92   | 517.59   | 505.33   | 509.28     | 1.41    | ppb   |
| Sodium     | 23-2  | 50904.77 | 50195.57 | 50552.95 | 50551.10   | 0.70    | ppb   |
| Strontium  | 86-1  | 490.54   | 518.26   | 503.81   | 504.20     | 2.75    | ppb   |
| Strontium  | 88-1  | 503.05   | 517.10   | 503.46   | 507.87     | 1.57    | ppb   |
| Sulfur     | 34-1  | 9553.86  | 11064.67 | 9809.47  | 10142.67   | 7.97    | ppb   |
| Terbium    | 159-1 |          |          |          |            |         | %     |
| Terbium    | 159-2 |          |          |          |            |         | %     |
| Thallium   | 203-1 | 505.18   | 513.99   | 510.50   | 509.89     | 0.87    | ppb   |
| Thallium   | 205-1 | 504.16   | 511.92   | 507.37   | 507.81     | 0.77    | ppb   |
| Tin        | 118-1 | 505.58   | 519.46   | 507.18   | 510.74     | 1.49    | ppb   |
| Titanium   | 47-1  | 487.50   | 541.87   | 500.87   | 510.08     | 5.55    | ppb   |
| Uranium    | 238-1 | 507.09   | 516.64   | 508.18   | 510.64     | 1.02    | ppb   |
| Vanadium   | 51-2  | 501.42   | 499.57   | 501.22   | 500.74     | 0.20    | ppb   |
| Yttrium    | 89-1  |          |          |          |            |         | %     |
| Yttrium    | 89-2  |          |          |          |            |         | %     |
| Zinc       | 66-2  | 1019.67  | 1022.34  | 1017.92  | 1019.98    | 0.22    | ppb   |
| Zirconium  | 90-1  | 501.50   | 522.52   | 506.81   | 510.28     | 2.14    | ppb   |

|                         |                     |                   |                      |
|-------------------------|---------------------|-------------------|----------------------|
| LB Number :             | LB88853             | Operator :        | Jaswal               |
| Lab Sample ID :         | S6                  | Instrumnet Name : | P7                   |
| Client Sample ID :      | S6                  | Dilution Factor : | 1                    |
| Date & Time Acquired :: | 2017-07-19 12:10:26 | DataFile Name :   | 009CALS_P7071917 -M9 |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|-----------|------|---------|---------|---------|------------|---------|-------|
| Zirconium | 91-1 | 498.73  | 525.87  | 505.62  | 510.08     | 2.77    | ppb   |



|                         |                     |                   |                      |
|-------------------------|---------------------|-------------------|----------------------|
| LB Number :             | LB88853             | Operator :        | Jaswal               |
| Lab Sample ID :         | S7                  | Instrumnet Name : | P7                   |
| Client Sample ID :      | S7                  | Dilution Factor : | 1                    |
| Date & Time Acquired :: | 2017-07-19 12:14:02 | DataFile Name :   | 010CAL5_P7071917 -M5 |

| Parameter  | Mass  | ConRep1   | ConRep2  | ConRep3  | Avg. Conc. | ConcRSD | Units |
|------------|-------|-----------|----------|----------|------------|---------|-------|
| Aluminium  | 27-2  | 20215.45  | 19176.29 | 19963.22 | 19784.99   | 2.74    | ppb   |
| Antimony   | 121-1 | 991.08    | 1001.00  | 994.11   | 995.40     | 0.51    | ppb   |
| Arsenic    | 75-2  | 1007.24   | 975.59   | 1009.82  | 997.55     | 1.91    | ppb   |
| Barium     | 135-1 | 4918.89   | 5028.26  | 5012.60  | 4986.58    | 1.19    | ppb   |
| Barium     | 137-1 | 4931.04   | 5035.35  | 5011.35  | 4992.58    | 1.09    | ppb   |
| Beryllium  | 9-1   | 988.22    | 1004.67  | 996.61   | 996.50     | 0.83    | ppb   |
| Bismuth    | 209-1 |           |          |          |            |         | %     |
| Bismuth    | 209-2 |           |          |          |            |         | %     |
| Boron      | 10-1  | 989.83    | 993.55   | 1009.29  | 997.56     | 1.04    | ppb   |
| Boron      | 11-1  | 983.25    | 1004.73  | 1013.38  | 1000.45    | 1.55    | ppb   |
| Cadmium    | 111-1 | 986.38    | 998.48   | 994.25   | 993.03     | 0.62    | ppb   |
| Cadmium    | 106-1 | 983.53    | 990.00   | 1005.91  | 993.14     | 1.16    | ppb   |
| Cadmium    | 108-1 | 977.58    | 988.53   | 1000.47  | 988.86     | 1.16    | ppb   |
| Calcium    | 43-1  | 97302.46  | 98655.99 | 97915.50 | 97957.98   | 0.69    | ppb   |
| Calcium    | 44-1  | 96872.73  | 97919.58 | 97678.42 | 97490.25   | 0.56    | ppb   |
| Chromium   | 52-2  | 1024.18   | 968.02   | 1000.90  | 997.70     | 2.83    | ppb   |
| Cobalt     | 59-2  | 1020.84   | 966.52   | 1000.93  | 996.10     | 2.76    | ppb   |
| Copper     | 63-2  | 2031.15   | 1924.58  | 2002.64  | 1986.13    | 2.78    | ppb   |
| Dysprosium | 156-1 |           |          |          |            |         | cps   |
| Dysprosium | 156-2 |           |          |          |            |         | cps   |
| Erbium     | 164-1 |           |          |          |            |         | cps   |
| Erbium     | 164-2 |           |          |          |            |         | cps   |
| Gadolinium | 160-1 |           |          |          |            |         | cps   |
| Gadolinium | 160-2 |           |          |          |            |         | cps   |
| Holmium    | 165-1 |           |          |          |            |         | %     |
| Holmium    | 165-2 |           |          |          |            |         | %     |
| Indium     | 115-1 |           |          |          |            |         | %     |
| Indium     | 115-2 |           |          |          |            |         | %     |
| Iron       | 56-2  | 53676.90  | 50640.07 | 52758.36 | 52358.44   | 2.97    | ppb   |
| Iron       | 57-2  | 53447.07  | 50748.06 | 52689.16 | 52294.76   | 2.66    | ppb   |
| Lead       | 206-1 | 975.41    | 1001.97  | 995.16   | 990.84     | 1.39    | ppb   |
| Lead       | 207-1 | 983.23    | 1005.20  | 1003.44  | 997.29     | 1.22    | ppb   |
| Lead       | 208-1 | 982.68    | 1000.85  | 999.04   | 994.19     | 1.01    | ppb   |
| Lithium    | 6-1   |           |          |          |            |         | %     |
| Magnesium  | 24-2  | 102223.05 | 96585.60 | 99586.63 | 99465.09   | 2.84    | ppb   |
| Manganese  | 55-2  | 2041.00   | 1932.61  | 2009.79  | 1994.47    | 2.80    | ppb   |

|                         |                     |                   |                      |
|-------------------------|---------------------|-------------------|----------------------|
| LB Number :             | LB88853             | Operator :        | Jaswal               |
| Lab Sample ID :         | S7                  | Instrumnet Name : | P7                   |
| Client Sample ID :      | S7                  | Dilution Factor : | 1                    |
| Date & Time Acquired :: | 2017-07-19 12:14:02 | DataFile Name :   | 010CAL5_P7071917 -M9 |

| Parameter  | Mass  | ConRep1   | ConRep2  | ConRep3   | Avg. Conc. | ConcRSD | Units |
|------------|-------|-----------|----------|-----------|------------|---------|-------|
| Molybdenum | 94-1  | 985.02    | 996.36   | 995.34    | 992.24     | 0.63    | ppb   |
| Molybdenum | 95-1  | 984.89    | 1003.61  | 1001.19   | 996.56     | 1.02    | ppb   |
| Molybdenum | 96-1  | 981.66    | 1006.03  | 1003.70   | 997.13     | 1.35    | ppb   |
| Molybdenum | 97-1  | 984.31    | 1004.10  | 1000.14   | 996.18     | 1.05    | ppb   |
| Molybdenum | 98-1  | 990.56    | 1000.40  | 989.20    | 993.39     | 0.62    | ppb   |
| Neodymium  | 150-1 |           |          |           |            |         | cps   |
| Neodymium  | 150-2 |           |          |           |            |         | cps   |
| Nickel     | 60-2  | 1014.78   | 965.01   | 998.91    | 992.90     | 2.56    | ppb   |
| Phosphorus | 31-2  | 20375.66  | 19423.59 | 19984.84  | 19928.03   | 2.40    | ppb   |
| Potassium  | 39-2  | 50772.49  | 48455.65 | 49951.85  | 49726.66   | 2.36    | ppb   |
| Rhodium    | 103-1 |           |          |           |            |         | %     |
| Rhodium    | 103-2 |           |          |           |            |         | %     |
| Scandium   | 45-1  |           |          |           |            |         | %     |
| Scandium   | 45-2  |           |          |           |            |         | %     |
| Selenium   | 77-2  | 1016.92   | 940.75   | 1011.50   | 989.72     | 4.29    | ppb   |
| Selenium   | 78-2  | 1013.12   | 965.63   | 1010.35   | 996.37     | 2.68    | ppb   |
| Selenium   | 82-1  | 979.83    | 1005.04  | 990.94    | 991.93     | 1.27    | ppb   |
| Silicon    | 28-1  | 967.97    | 987.99   | 975.91    | 977.29     | 1.03    | ppb   |
| Silver     | 109-1 | 987.55    | 999.77   | 998.95    | 995.42     | 0.69    | ppb   |
| Silver     | 107-1 | 991.53    | 994.73   | 998.40    | 994.89     | 0.35    | ppb   |
| Sodium     | 23-2  | 102995.90 | 96302.34 | 100298.70 | 99865.64   | 3.37    | ppb   |
| Strontium  | 86-1  | 987.65    | 1006.82  | 997.67    | 997.38     | 0.96    | ppb   |
| Strontium  | 88-1  | 985.21    | 1004.89  | 992.29    | 994.13     | 1.00    | ppb   |
| Sulfur     | 34-1  | 19913.35  | 20342.69 | 19896.86  | 20050.97   | 1.26    | ppb   |
| Terbium    | 159-1 |           |          |           |            |         | %     |
| Terbium    | 159-2 |           |          |           |            |         | %     |
| Thallium   | 203-1 | 978.72    | 1001.45  | 1006.98   | 995.72     | 1.50    | ppb   |
| Thallium   | 205-1 | 978.75    | 1000.21  | 1004.69   | 994.55     | 1.39    | ppb   |
| Tin        | 118-1 | 987.80    | 1003.84  | 992.49    | 994.71     | 0.83    | ppb   |
| Titanium   | 47-1  | 987.45    | 997.99   | 998.19    | 994.54     | 0.62    | ppb   |
| Uranium    | 238-1 | 986.32    | 1001.52  | 998.40    | 995.41     | 0.81    | ppb   |
| Vanadium   | 51-2  | 1024.21   | 972.12   | 1002.85   | 999.73     | 2.62    | ppb   |
| Yttrium    | 89-1  |           |          |           |            |         | %     |
| Yttrium    | 89-2  |           |          |           |            |         | %     |
| Zinc       | 66-2  | 2027.61   | 1920.38  | 2000.40   | 1982.79    | 2.81    | ppb   |
| Zirconium  | 90-1  | 983.22    | 1003.53  | 995.32    | 994.02     | 1.03    | ppb   |

|                         |                     |                   |                      |
|-------------------------|---------------------|-------------------|----------------------|
| LB Number :             | LB88853             | Operator :        | Jaswal               |
| Lab Sample ID :         | S7                  | Instrumnet Name : | P7                   |
| Client Sample ID :      | S7                  | Dilution Factor : | 1                    |
| Date & Time Acquired :: | 2017-07-19 12:14:02 | DataFile Name :   | 010CALS_P7071917 -M9 |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|-----------|------|---------|---------|---------|------------|---------|-------|
| Zirconium | 91-1 | 983.50  | 999.02  | 1001.93 | 994.82     | 1.00    | ppb   |

|                         |                     |                   |                      |
|-------------------------|---------------------|-------------------|----------------------|
| LB Number :             | LB88853             | Operator :        | Jaswal               |
| Lab Sample ID :         | S8                  | Instrumnet Name : | P7                   |
| Client Sample ID :      | S8                  | Dilution Factor : | 1                    |
| Date & Time Acquired :: | 2017-07-19 12:17:34 | DataFile Name :   | 011CALS_P7071917 -M8 |

| Parameter  | Mass  | ConRep1   | ConRep2   | ConRep3   | Avg. Conc. | ConcRSD | Units |
|------------|-------|-----------|-----------|-----------|------------|---------|-------|
| Aluminium  | 27-2  | 101113.13 | 99801.88  | 99254.70  | 100056.57  | 0.95    | ppb   |
| Antimony   | 121-1 | 3.87      | 3.77      | 3.69      | 3.77       | 2.44    | ppb   |
| Arsenic    | 75-2  | 0.73      | 0.74      | 0.77      | 0.75       | 2.37    | ppb   |
| Barium     | 135-1 | 2.45      | 2.29      | 2.32      | 2.35       | 3.78    | ppb   |
| Barium     | 137-1 | 2.34      | 2.35      | 2.41      | 2.36       | 1.56    | ppb   |
| Beryllium  | 9-1   | 0.91      | 0.88      | 0.87      | 0.88       | 2.24    | ppb   |
| Bismuth    | 209-1 |           |           |           |            |         | %     |
| Bismuth    | 209-2 |           |           |           |            |         | %     |
| Boron      | 10-1  | 63.26     | 58.98     | 57.13     | 59.79      | 5.27    | ppb   |
| Boron      | 11-1  | 62.66     | 57.88     | 54.99     | 58.51      | 6.62    | ppb   |
| Cadmium    | 111-1 | 0.21      | 0.13      | 0.31      | 0.21       | 42.24   | ppb   |
| Cadmium    | 106-1 | -0.08     | -1.12     | 0.67      | -0.18      |         | ppb   |
| Cadmium    | 108-1 | 0.35      | 0.29      | 0.10      | 0.25       | 51.85   | ppb   |
| Calcium    | 43-1  | 504377.13 | 498679.07 | 498107.65 | 500387.95  | 0.69    | ppb   |
| Calcium    | 44-1  | 506556.32 | 497526.61 | 497508.09 | 500530.34  | 1.04    | ppb   |
| Chromium   | 52-2  | 24.45     | 24.24     | 23.54     | 24.08      | 1.97    | ppb   |
| Cobalt     | 59-2  | 1.63      | 1.57      | 1.48      | 1.56       | 5.00    | ppb   |
| Copper     | 63-2  | 4.05      | 3.96      | 3.90      | 3.97       | 1.90    | ppb   |
| Dysprosium | 156-1 |           |           |           |            |         | cps   |
| Dysprosium | 156-2 |           |           |           |            |         | cps   |
| Erbium     | 164-1 |           |           |           |            |         | cps   |
| Erbium     | 164-2 |           |           |           |            |         | cps   |
| Gadolinium | 160-1 |           |           |           |            |         | cps   |
| Gadolinium | 160-2 |           |           |           |            |         | cps   |
| Holmium    | 165-1 |           |           |           |            |         | %     |
| Holmium    | 165-2 |           |           |           |            |         | %     |
| Indium     | 115-1 |           |           |           |            |         | %     |
| Indium     | 115-2 |           |           |           |            |         | %     |
| Iron       | 56-2  | 252483.70 | 248996.71 | 246487.56 | 249322.66  | 1.21    | ppb   |
| Iron       | 57-2  | 253547.64 | 248259.17 | 246248.94 | 249351.92  | 1.51    | ppb   |
| Lead       | 206-1 | 2.17      | 2.15      | 2.19      | 2.17       | 0.70    | ppb   |
| Lead       | 207-1 | 2.07      | 1.92      | 2.03      | 2.01       | 3.95    | ppb   |
| Lead       | 208-1 | 2.09      | 2.04      | 2.10      | 2.08       | 1.51    | ppb   |
| Lithium    | 6-1   |           |           |           |            |         | %     |
| Magnesium  | 24-2  | 505461.91 | 501835.38 | 492743.08 | 500013.46  | 1.31    | ppb   |
| Manganese  | 55-2  | 8.17      | 8.08      | 8.02      | 8.09       | 0.90    | ppb   |

|                         |                     |                   |                      |
|-------------------------|---------------------|-------------------|----------------------|
| LB Number :             | LB88853             | Operator :        | Jaswal               |
| Lab Sample ID :         | S8                  | Instrumnet Name : | P7                   |
| Client Sample ID :      | S8                  | Dilution Factor : | 1                    |
| Date & Time Acquired :: | 2017-07-19 12:17:34 | DataFile Name :   | 011CAL5_P7071917 -M5 |

| Parameter  | Mass  | ConRep1   | ConRep2   | ConRep3   | Avg. Conc. | ConcRSD | Units |
|------------|-------|-----------|-----------|-----------|------------|---------|-------|
| Molybdenum | 94-1  | 1.80      | 1.79      | 1.79      | 1.79       | 0.20    | ppb   |
| Molybdenum | 95-1  | 4.90      | 4.77      | 4.66      | 4.78       | 2.48    | ppb   |
| Molybdenum | 96-1  | 5.42      | 5.36      | 5.36      | 5.38       | 0.61    | ppb   |
| Molybdenum | 97-1  | 4.94      | 4.71      | 4.95      | 4.86       | 2.73    | ppb   |
| Molybdenum | 98-1  | 4.75      | 4.65      | 4.79      | 4.73       | 1.55    | ppb   |
| Neodymium  | 150-1 |           |           |           |            |         | cps   |
| Neodymium  | 150-2 |           |           |           |            |         | cps   |
| Nickel     | 60-2  | 14.67     | 14.91     | 14.31     | 14.63      | 2.08    | ppb   |
| Phosphorus | 31-2  | 5.45      | 9.52      | 13.33     | 9.43       | 41.75   | ppb   |
| Potassium  | 39-2  | 252051.53 | 250914.88 | 247036.90 | 250001.10  | 1.05    | ppb   |
| Rhodium    | 103-1 |           |           |           |            |         | %     |
| Rhodium    | 103-2 |           |           |           |            |         | %     |
| Scandium   | 45-1  |           |           |           |            |         | %     |
| Scandium   | 45-2  |           |           |           |            |         | %     |
| Selenium   | 77-2  | 0.62      | 4.35      | 0.61      | 1.86       | 116.13  | ppb   |
| Selenium   | 78-2  | 0.75      | 0.07      | -0.63     | 0.07       | 1053.52 | ppb   |
| Selenium   | 82-1  | 2.13      | 1.85      | 2.52      | 2.17       | 15.59   | ppb   |
| Silicon    | 28-1  | 18.70     | 16.57     | 16.62     | 17.30      | 7.03    | ppb   |
| Silver     | 109-1 | 0.18      | 0.20      | 0.20      | 0.19       | 5.07    | ppb   |
| Silver     | 107-1 | 0.18      | 0.17      | 0.19      | 0.18       | 5.21    | ppb   |
| Sodium     | 23-2  | 506678.47 | 498372.60 | 494770.66 | 499940.58  | 1.22    | ppb   |
| Strontium  | 86-1  | 34.81     | 34.46     | 34.20     | 34.49      | 0.89    | ppb   |
| Strontium  | 88-1  | 35.07     | 34.39     | 34.94     | 34.80      | 1.05    | ppb   |
| Sulfur     | 34-1  | -182.26   | -101.82   | -91.48    | -125.19    |         | ppb   |
| Terbium    | 159-1 |           |           |           |            |         | %     |
| Terbium    | 159-2 |           |           |           |            |         | %     |
| Thallium   | 203-1 | 0.75      | 0.62      | 0.65      | 0.67       | 9.92    | ppb   |
| Thallium   | 205-1 | 0.75      | 0.67      | 0.72      | 0.72       | 5.50    | ppb   |
| Tin        | 118-1 | 1.47      | 1.46      | 1.45      | 1.46       | 0.77    | ppb   |
| Titanium   | 47-1  | 1.76      | 1.73      | 1.78      | 1.76       | 1.56    | ppb   |
| Uranium    | 238-1 | 0.21      | 0.21      | 0.21      | 0.21       | 2.13    | ppb   |
| Vanadium   | 51-2  | 0.48      | 0.44      | 0.48      | 0.47       | 5.29    | ppb   |
| Yttrium    | 89-1  |           |           |           |            |         | %     |
| Yttrium    | 89-2  |           |           |           |            |         | %     |
| Zinc       | 66-2  | 13.45     | 13.54     | 13.30     | 13.43      | 0.89    | ppb   |
| Zirconium  | 90-1  | 0.36      | 0.36      | 0.33      | 0.35       | 5.43    | ppb   |

|                         |                     |                   |                      |
|-------------------------|---------------------|-------------------|----------------------|
| LB Number :             | LB88853             | Operator :        | Jaswal               |
| Lab Sample ID :         | S8                  | Instrumnet Name : | P7                   |
| Client Sample ID :      | S8                  | Dilution Factor : | 1                    |
| Date & Time Acquired :: | 2017-07-19 12:17:34 | DataFile Name :   | 011CALS_P7071917 -MS |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|-----------|------|---------|---------|---------|------------|---------|-------|
| Zirconium | 91-1 | 0.43    | 0.36    | 0.37    | 0.39       | 10.37   | ppb   |

|                         |                     |                   |                       |
|-------------------------|---------------------|-------------------|-----------------------|
| LB Number :             | LB88853             | Operator :        | Jaswal                |
| Lab Sample ID :         | ICV01               | Instrumnet Name : | P7                    |
| Client Sample ID :      | ICV01               | Dilution Factor : | 1                     |
| Date & Time Acquired :: | 2017-07-19 12:21:15 | DataFile Name :   | 012ICV01_P7071917 -M: |

| Parameter  | Mass  | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|------------|-------|---------|---------|---------|------------|---------|-------|
| Aluminium  | 27-2  | 482.20  | 490.75  | 469.82  | 480.92     | 2.19    | ppb   |
| Antimony   | 121-1 | 192.07  | 190.86  | 193.52  | 192.15     | 0.69    | ppb   |
| Arsenic    | 75-2  | 196.20  | 195.49  | 193.63  | 195.11     | 0.68    | ppb   |
| Barium     | 135-1 | 97.79   | 97.12   | 97.04   | 97.32      | 0.42    | ppb   |
| Barium     | 137-1 | 97.05   | 97.45   | 98.23   | 97.58      | 0.61    | ppb   |
| Beryllium  | 9-1   | 97.47   | 98.60   | 97.59   | 97.89      | 0.64    | ppb   |
| Bismuth    | 209-1 |         |         |         |            |         | %     |
| Bismuth    | 209-2 |         |         |         |            |         | %     |
| Boron      | 10-1  | 549.06  | 555.26  | 564.01  | 556.11     | 1.35    | ppb   |
| Boron      | 11-1  | 539.95  | 559.65  | 558.55  | 552.72     | 2.00    | ppb   |
| Cadmium    | 111-1 | 104.58  | 105.75  | 104.16  | 104.83     | 0.79    | ppb   |
| Cadmium    | 106-1 | 178.70  | 183.83  | 176.22  | 179.59     | 2.16    | ppb   |
| Cadmium    | 108-1 | 144.89  | 147.89  | 146.20  | 146.32     | 1.03    | ppb   |
| Calcium    | 43-1  | 2040.50 | 2067.53 | 2109.93 | 2072.65    | 1.69    | ppb   |
| Calcium    | 44-1  | 1981.65 | 1973.17 | 2006.74 | 1987.19    | 0.88    | ppb   |
| Chromium   | 52-2  | 94.54   | 94.28   | 94.31   | 94.38      | 0.15    | ppb   |
| Cobalt     | 59-2  | 97.99   | 98.17   | 97.36   | 97.84      | 0.44    | ppb   |
| Copper     | 63-2  | 98.80   | 99.63   | 98.80   | 99.08      | 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  | 1033.85 | 1035.63 | 1027.71 | 1032.40    | 0.40    | ppb   |
| Iron       | 57-2  | 1017.37 | 1012.25 | 999.95  | 1009.86    | 0.89    | ppb   |
| Lead       | 206-1 | 199.62  | 197.91  | 197.23  | 198.25     | 0.62    | ppb   |
| Lead       | 207-1 | 187.80  | 186.06  | 185.70  | 186.52     | 0.60    | ppb   |
| Lead       | 208-1 | 194.84  | 192.74  | 193.68  | 193.75     | 0.54    | ppb   |
| Lithium    | 6-1   |         |         |         |            |         | %     |
| Magnesium  | 24-2  | 1165.99 | 1158.11 | 1162.64 | 1162.25    | 0.34    | ppb   |
| Manganese  | 55-2  | 95.26   | 95.49   | 94.85   | 95.20      | 0.34    | ppb   |

|                         |                     |                   |                      |
|-------------------------|---------------------|-------------------|----------------------|
| LB Number :             | LB88853             | Operator :        | Jaswal               |
| Lab Sample ID :         | ICV01               | Instrumnet Name : | P7                   |
| Client Sample ID :      | ICV01               | Dilution Factor : | 1                    |
| Date & Time Acquired :: | 2017-07-19 12:21:15 | DataFile Name :   | 012ICV01_P7071917 -M |

| Parameter  | Mass  | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|------------|-------|---------|---------|---------|------------|---------|-------|
| Molybdenum | 94-1  | 494.86  | 498.43  | 504.83  | 499.37     | 1.01    | ppb   |
| Molybdenum | 95-1  | 474.57  | 473.26  | 482.47  | 476.77     | 1.04    | ppb   |
| Molybdenum | 96-1  | 478.53  | 475.98  | 482.35  | 478.95     | 0.67    | ppb   |
| Molybdenum | 97-1  | 478.05  | 472.97  | 481.14  | 477.39     | 0.86    | ppb   |
| Molybdenum | 98-1  | 477.83  | 479.06  | 483.98  | 480.29     | 0.68    | ppb   |
| Neodymium  | 150-1 |         |         |         |            |         | cps   |
| Neodymium  | 150-2 |         |         |         |            |         | cps   |
| Nickel     | 60-2  | 97.92   | 100.35  | 99.85   | 99.37      | 1.29    | ppb   |
| Phosphorus | 31-2  | -6.11   | -23.02  | 21.09   | -2.68      |         | ppb   |
| Potassium  | 39-2  | 1931.41 | 1915.30 | 1946.84 | 1931.18    | 0.82    | ppb   |
| Rhodium    | 103-1 |         |         |         |            |         | %     |
| Rhodium    | 103-2 |         |         |         |            |         | %     |
| Scandium   | 45-1  |         |         |         |            |         | %     |
| Scandium   | 45-2  |         |         |         |            |         | %     |
| Selenium   | 77-2  | 196.04  | 207.31  | 194.96  | 199.44     | 3.43    | ppb   |
| Selenium   | 78-2  | 200.46  | 202.20  | 191.64  | 198.10     | 2.86    | ppb   |
| Selenium   | 82-1  | 199.61  | 200.18  | 201.57  | 200.45     | 0.50    | ppb   |
| Silicon    | 28-1  | 460.36  | 465.14  | 470.02  | 465.17     | 1.04    | ppb   |
| Silver     | 109-1 | 99.69   | 100.51  | 100.78  | 100.33     | 0.57    | ppb   |
| Silver     | 107-1 | 101.96  | 100.55  | 102.32  | 101.61     | 0.92    | ppb   |
| Sodium     | 23-2  | 1979.49 | 1968.80 | 1953.54 | 1967.28    | 0.66    | ppb   |
| Strontium  | 86-1  | 481.19  | 481.99  | 487.34  | 483.50     | 0.69    | ppb   |
| Strontium  | 88-1  | 484.32  | 489.97  | 495.02  | 489.77     | 1.09    | ppb   |
| Sulfur     | 34-1  | -795.03 | -694.88 | -711.64 | -733.85    |         | ppb   |
| Terbium    | 159-1 |         |         |         |            |         | %     |
| Terbium    | 159-2 |         |         |         |            |         | %     |
| Thallium   | 203-1 | 196.67  | 194.38  | 196.67  | 195.91     | 0.67    | ppb   |
| Thallium   | 205-1 | 202.19  | 201.37  | 200.73  | 201.43     | 0.36    | ppb   |
| Tin        | 118-1 | 499.12  | 496.21  | 502.80  | 499.38     | 0.66    | ppb   |
| Titanium   | 47-1  | 474.26  | 481.34  | 478.57  | 478.06     | 0.75    | ppb   |
| Uranium    | 238-1 | 467.36  | 465.07  | 468.68  | 467.04     | 0.39    | ppb   |
| Vanadium   | 51-2  | 94.28   | 93.79   | 93.64   | 93.90      | 0.36    | ppb   |
| Yttrium    | 89-1  |         |         |         |            |         | %     |
| Yttrium    | 89-2  |         |         |         |            |         | %     |
| Zinc       | 66-2  | 198.95  | 198.65  | 197.30  | 198.30     | 0.44    | ppb   |
| Zirconium  | 90-1  | 502.97  | 503.48  | 513.30  | 506.59     | 1.15    | ppb   |



|                         |                     |                   |                       |
|-------------------------|---------------------|-------------------|-----------------------|
| LB Number :             | LB88853             | Operator :        | Jaswal                |
| Lab Sample ID :         | ICV01               | Instrumnet Name : | P7                    |
| Client Sample ID :      | ICV01               | Dilution Factor : | 1                     |
| Date & Time Acquired :: | 2017-07-19 12:21:15 | DataFile Name :   | 012ICV01_P7071917 -M: |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|-----------|------|---------|---------|---------|------------|---------|-------|
| Zirconium | 91-1 | 498.71  | 499.38  | 508.35  | 502.15     | 1.07    | ppb   |

|                         |                     |                   |                      |
|-------------------------|---------------------|-------------------|----------------------|
| LB Number :             | LB88853             | Operator :        | Jaswal               |
| Lab Sample ID :         | ICB01               | Instrumnet Name : | P7                   |
| Client Sample ID :      | ICB01               | Dilution Factor : | 1                    |
| Date & Time Acquired :: | 2017-07-19 12:26:30 | DataFile Name :   | 013CCBE_P7071917 -M: |

| Parameter  | Mass  | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|------------|-------|---------|---------|---------|------------|---------|-------|
| Aluminium  | 27-2  | 0.51    | 0.56    | 0.47    | 0.52       | 8.58    | ppb   |
| Antimony   | 121-1 | 0.46    | 0.44    | 0.44    | 0.45       | 2.81    | ppb   |
| Arsenic    | 75-2  | 0.03    | 0.14    | 0.12    | 0.10       | 61.23   | ppb   |
| Barium     | 135-1 | -0.06   | -0.07   | -0.09   | -0.07      |         | ppb   |
| Barium     | 137-1 | -0.05   | -0.05   | -0.05   | -0.05      |         | ppb   |
| Beryllium  | 9-1   | 0.26    | 0.29    | 0.25    | 0.27       | 8.53    | ppb   |
| Bismuth    | 209-1 |         |         |         |            |         | %     |
| Bismuth    | 209-2 |         |         |         |            |         | %     |
| Boron      | 10-1  | 18.57   | 17.94   | 16.68   | 17.73      | 5.43    | ppb   |
| Boron      | 11-1  | 17.10   | 16.80   | 16.78   | 16.90      | 1.06    | ppb   |
| Cadmium    | 111-1 | -0.08   | -0.11   | -0.12   | -0.10      |         | ppb   |
| Cadmium    | 106-1 | -0.81   | -1.32   | -1.42   | -1.18      |         | ppb   |
| Cadmium    | 108-1 | 0.00    | -0.09   | 0.03    | -0.02      |         | ppb   |
| Calcium    | 43-1  | 4.20    | -0.39   | 3.60    | 2.47       | 101.11  | ppb   |
| Calcium    | 44-1  | -0.99   | -0.92   | -1.58   | -1.16      |         | ppb   |
| Chromium   | 52-2  | 0.02    | -0.02   | -0.02   | -0.01      |         | ppb   |
| Cobalt     | 59-2  | -0.05   | -0.05   | -0.05   | -0.05      |         | ppb   |
| Copper     | 63-2  | 0.03    | 0.02    | 0.03    | 0.03       | 12.56   | 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  | 2.96    | 2.98    | 2.70    | 2.88       | 5.42    | ppb   |
| Iron       | 57-2  | 2.35    | 1.14    | 4.10    | 2.53       | 58.95   | ppb   |
| Lead       | 206-1 | -0.01   | 0.01    | 0.01    | 0.00       | 383.95  | ppb   |
| Lead       | 207-1 | 0.01    | 0.03    | 0.02    | 0.02       | 32.51   | ppb   |
| Lead       | 208-1 | 0.02    | 0.02    | 0.02    | 0.02       | 14.89   | ppb   |
| Lithium    | 6-1   |         |         |         |            |         | %     |
| Magnesium  | 24-2  | -4.03   | -5.90   | -4.83   | -4.92      |         | ppb   |
| Manganese  | 55-2  | -0.24   | -0.24   | -0.23   | -0.24      |         | ppb   |

|                         |                     |                   |                      |
|-------------------------|---------------------|-------------------|----------------------|
| LB Number :             | LB88853             | Operator :        | Jaswal               |
| Lab Sample ID :         | ICB01               | Instrumnet Name : | P7                   |
| Client Sample ID :      | ICB01               | Dilution Factor : | 1                    |
| Date & Time Acquired :: | 2017-07-19 12:26:30 | DataFile Name :   | 013CCBE_P7071917 -M: |

| Parameter  | Mass  | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|------------|-------|---------|---------|---------|------------|---------|-------|
| Molybdenum | 94-1  | 0.08    | 0.08    | 0.10    | 0.09       | 13.58   | ppb   |
| Molybdenum | 95-1  | 0.11    | 0.15    | 0.11    | 0.12       | 19.44   | ppb   |
| Molybdenum | 96-1  | 0.16    | 0.13    | 0.16    | 0.15       | 12.60   | ppb   |
| Molybdenum | 97-1  | 0.15    | 0.20    | 0.22    | 0.19       | 18.25   | ppb   |
| Molybdenum | 98-1  | 0.15    | 0.17    | 0.14    | 0.15       | 11.23   | ppb   |
| Neodymium  | 150-1 |         |         |         |            |         | cps   |
| Neodymium  | 150-2 |         |         |         |            |         | cps   |
| Nickel     | 60-2  | -0.08   | -0.23   | -0.06   | -0.12      |         | ppb   |
| Phosphorus | 31-2  | 16.90   | 4.46    | 3.50    | 8.28       | 90.22   | ppb   |
| Potassium  | 39-2  | 1.25    | -4.13   | 4.47    | 0.53       | 820.58  | ppb   |
| Rhodium    | 103-1 |         |         |         |            |         | %     |
| Rhodium    | 103-2 |         |         |         |            |         | %     |
| Scandium   | 45-1  |         |         |         |            |         | %     |
| Scandium   | 45-2  |         |         |         |            |         | %     |
| Selenium   | 77-2  | 0.00    | 0.00    | 0.00    | 0.00       | N/A     | ppb   |
| Selenium   | 78-2  | -0.26   | -0.52   | -0.17   | -0.32      |         | ppb   |
| Selenium   | 82-1  | 0.84    | 0.56    | 0.56    | 0.65       | 25.09   | ppb   |
| Silicon    | 28-1  | -1.89   | -0.95   | -0.82   | -1.22      |         | ppb   |
| Silver     | 109-1 | 0.01    | 0.01    | 0.01    | 0.01       | 26.84   | ppb   |
| Silver     | 107-1 | 0.01    | 0.01    | 0.00    | 0.01       | 41.18   | ppb   |
| Sodium     | 23-2  | 17.42   | 15.70   | 16.10   | 16.41      | 5.48    | ppb   |
| Strontium  | 86-1  | 0.00    | -0.02   | 0.00    | -0.01      |         | ppb   |
| Strontium  | 88-1  | 0.00    | 0.00    | 0.00    | 0.00       |         | ppb   |
| Sulfur     | 34-1  | -705.06 | -543.79 | -559.67 | -602.84    |         | ppb   |
| Terbium    | 159-1 |         |         |         |            |         | %     |
| Terbium    | 159-2 |         |         |         |            |         | %     |
| Thallium   | 203-1 | 0.01    | 0.01    | 0.00    | 0.01       | 71.37   | ppb   |
| Thallium   | 205-1 | 0.01    | 0.02    | 0.00    | 0.01       | 66.58   | ppb   |
| Tin        | 118-1 | 0.28    | 0.26    | 0.25    | 0.26       | 5.80    | ppb   |
| Titanium   | 47-1  | 0.01    | 0.01    | 0.03    | 0.02       | 67.26   | ppb   |
| Uranium    | 238-1 | -0.05   | -0.05   | -0.05   | -0.05      |         | ppb   |
| Vanadium   | 51-2  | -0.02   | -0.01   | -0.01   | -0.01      |         | ppb   |
| Yttrium    | 89-1  |         |         |         |            |         | %     |
| Yttrium    | 89-2  |         |         |         |            |         | %     |
| Zinc       | 66-2  | 0.02    | -0.01   | 0.20    | 0.07       | 166.51  | ppb   |
| Zirconium  | 90-1  | 0.05    | 0.05    | 0.05    | 0.05       | 1.01    | ppb   |

|                         |                     |                   |                      |
|-------------------------|---------------------|-------------------|----------------------|
| LB Number :             | LB88853             | Operator :        | Jaswal               |
| Lab Sample ID :         | ICB01               | Instrumnet Name : | P7                   |
| Client Sample ID :      | ICB01               | Dilution Factor : | 1                    |
| Date & Time Acquired :: | 2017-07-19 12:26:30 | DataFile Name :   | 013CCBE_P7071917 -M: |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|-----------|------|---------|---------|---------|------------|---------|-------|
| Zirconium | 91-1 | 0.04    | 0.06    | 0.05    | 0.05       | 25.17   | ppb   |

LB Number : LB88853 Operator : Jaswal  
 Lab Sample ID : ICSA01 Instrumnet Name : P7  
 Client Sample ID : ICSA01 Dilution Factor : 1  
 Date & Time Acquired :: 2017-07-19 12:29:58 DataFile Name : 014ICSA01\_P7071917 -M

| Parameter  | Mass  | ConRep1   | ConRep2   | ConRep3   | Avg. Conc. | ConcRSD | Units |
|------------|-------|-----------|-----------|-----------|------------|---------|-------|
| Aluminium  | 27-2  | 93076.04  | 91793.74  | 90879.73  | 91916.50   | 1.20    | ppb   |
| Antimony   | 121-1 | 1.40      | 1.35      | 1.40      | 1.38       | 2.08    | ppb   |
| Arsenic    | 75-2  | 0.28      | 0.28      | 0.37      | 0.31       | 17.02   | ppb   |
| Barium     | 135-1 | 1.33      | 1.38      | 1.41      | 1.37       | 3.04    | ppb   |
| Barium     | 137-1 | 1.42      | 1.40      | 1.39      | 1.40       | 1.15    | ppb   |
| Beryllium  | 9-1   | 0.35      | 0.59      | 0.53      | 0.49       | 25.39   | ppb   |
| Bismuth    | 209-1 |           |           |           |            |         | %     |
| Bismuth    | 209-2 |           |           |           |            |         | %     |
| Boron      | 10-1  | 15.60     | 15.17     | 17.15     | 15.97      | 6.52    | ppb   |
| Boron      | 11-1  | 14.56     | 14.34     | 14.57     | 14.49      | 0.91    | ppb   |
| Cadmium    | 111-1 | 0.12      | 0.27      | 0.36      | 0.25       | 49.12   | ppb   |
| Cadmium    | 106-1 | -2.29     | -1.37     | -0.80     | -1.49      |         | ppb   |
| Cadmium    | 108-1 | 10.43     | 10.88     | 10.07     | 10.46      | 3.90    | ppb   |
| Calcium    | 43-1  | 93758.47  | 93503.33  | 94486.77  | 93916.19   | 0.54    | ppb   |
| Calcium    | 44-1  | 93760.76  | 92945.88  | 95045.14  | 93917.26   | 1.13    | ppb   |
| Chromium   | 52-2  | 19.56     | 18.97     | 19.05     | 19.19      | 1.66    | ppb   |
| Cobalt     | 59-2  | 1.14      | 1.12      | 1.12      | 1.13       | 1.11    | ppb   |
| Copper     | 63-2  | 8.04      | 7.86      | 7.93      | 7.94       | 1.17    | ppb   |
| Dysprosium | 156-1 |           |           |           |            |         | cps   |
| Dysprosium | 156-2 |           |           |           |            |         | cps   |
| Erbium     | 164-1 |           |           |           |            |         | cps   |
| Erbium     | 164-2 |           |           |           |            |         | cps   |
| Gadolinium | 160-1 |           |           |           |            |         | cps   |
| Gadolinium | 160-2 |           |           |           |            |         | cps   |
| Holmium    | 165-1 |           |           |           |            |         | %     |
| Holmium    | 165-2 |           |           |           |            |         | %     |
| Indium     | 115-1 |           |           |           |            |         | %     |
| Indium     | 115-2 |           |           |           |            |         | %     |
| Iron       | 56-2  | 103215.85 | 101394.03 | 101016.13 | 101875.34  | 1.15    | ppb   |
| Iron       | 57-2  | 103479.41 | 102057.98 | 101520.32 | 102352.57  | 0.99    | ppb   |
| Lead       | 206-1 | 4.56      | 4.56      | 4.49      | 4.54       | 0.90    | ppb   |
| Lead       | 207-1 | 3.91      | 3.95      | 3.90      | 3.92       | 0.63    | ppb   |
| Lead       | 208-1 | 4.18      | 4.20      | 4.17      | 4.18       | 0.36    | ppb   |
| Lithium    | 6-1   |           |           |           |            |         | %     |
| Magnesium  | 24-2  | 97065.73  | 95246.76  | 94706.61  | 95673.03   | 1.29    | ppb   |
| Manganese  | 55-2  | 7.43      | 7.26      | 7.40      | 7.36       | 1.25    | ppb   |

|                         |                     |                   |                       |
|-------------------------|---------------------|-------------------|-----------------------|
| LB Number :             | LB88853             | Operator :        | Jaswal                |
| Lab Sample ID :         | ICSA01              | Instrumnet Name : | P7                    |
| Client Sample ID :      | ICSA01              | Dilution Factor : | 1                     |
| Date & Time Acquired :: | 2017-07-19 12:29:58 | DataFile Name :   | 014ICSA01_P7071917 -M |

| Parameter  | Mass  | ConRep1  | ConRep2  | ConRep3  | Avg. Conc. | ConcRSD | Units |
|------------|-------|----------|----------|----------|------------|---------|-------|
| Molybdenum | 94-1  | 606.19   | 603.17   | 605.26   | 604.87     | 0.26    | ppb   |
| Molybdenum | 95-1  | 1920.62  | 1905.67  | 1936.55  | 1920.95    | 0.80    | ppb   |
| Molybdenum | 96-1  | 1584.62  | 1585.25  | 1595.21  | 1588.36    | 0.37    | ppb   |
| Molybdenum | 97-1  | 1898.69  | 1886.35  | 1901.85  | 1895.63    | 0.43    | ppb   |
| Molybdenum | 98-1  | 1892.84  | 1879.29  | 1886.97  | 1886.37    | 0.36    | ppb   |
| Neodymium  | 150-1 |          |          |          |            |         | cps   |
| Neodymium  | 150-2 |          |          |          |            |         | cps   |
| Nickel     | 60-2  | 5.25     | 4.99     | 5.13     | 5.12       | 2.56    | ppb   |
| Phosphorus | 31-2  | 97843.50 | 97071.58 | 96382.87 | 97099.32   | 0.75    | ppb   |
| Potassium  | 39-2  | 99252.65 | 97539.68 | 97522.81 | 98105.05   | 1.01    | ppb   |
| Rhodium    | 103-1 |          |          |          |            |         | %     |
| Rhodium    | 103-2 |          |          |          |            |         | %     |
| Scandium   | 45-1  |          |          |          |            |         | %     |
| Scandium   | 45-2  |          |          |          |            |         | %     |
| Selenium   | 77-2  | 0.00     | 0.00     | 0.00     | 0.00       | N/A     | ppb   |
| Selenium   | 78-2  | -0.46    | -0.76    | -0.47    | -0.56      |         | ppb   |
| Selenium   | 82-1  | 1.00     | 0.59     | 0.57     | 0.72       | 34.42   | ppb   |
| Silicon    | 28-1  | 24.71    | 25.07    | 26.42    | 25.40      | 3.55    | ppb   |
| Silver     | 109-1 | 0.08     | 0.10     | 0.11     | 0.10       | 15.83   | ppb   |
| Silver     | 107-1 | 0.07     | 0.09     | 0.12     | 0.09       | 30.48   | ppb   |
| Sodium     | 23-2  | 97803.47 | 96948.76 | 96156.05 | 96969.43   | 0.85    | ppb   |
| Strontium  | 86-1  | 32.97    | 33.70    | 33.40    | 33.35      | 1.10    | ppb   |
| Strontium  | 88-1  | 33.08    | 32.98    | 33.27    | 33.11      | 0.44    | ppb   |
| Sulfur     | 34-1  | 99171.67 | 98041.41 | 99611.34 | 98941.47   | 0.82    | ppb   |
| Terbium    | 159-1 |          |          |          |            |         | %     |
| Terbium    | 159-2 |          |          |          |            |         | %     |
| Thallium   | 203-1 | 0.06     | 0.07     | 0.11     | 0.08       | 34.73   | ppb   |
| Thallium   | 205-1 | 0.08     | 0.08     | 0.10     | 0.09       | 13.37   | ppb   |
| Tin        | 118-1 | 0.39     | 0.43     | 0.39     | 0.40       | 6.31    | ppb   |
| Titanium   | 47-1  | 1904.14  | 1898.46  | 1931.64  | 1911.42    | 0.93    | ppb   |
| Uranium    | 238-1 | -0.01    | -0.02    | -0.01    | -0.02      |         | ppb   |
| Vanadium   | 51-2  | 0.14     | 0.14     | 0.15     | 0.15       | 5.59    | ppb   |
| Yttrium    | 89-1  |          |          |          |            |         | %     |
| Yttrium    | 89-2  |          |          |          |            |         | %     |
| Zinc       | 66-2  | 11.67    | 11.23    | 11.97    | 11.62      | 3.21    | ppb   |
| Zirconium  | 90-1  | 0.71     | 0.59     | 0.57     | 0.62       | 12.34   | ppb   |

|                         |                     |                   |                       |
|-------------------------|---------------------|-------------------|-----------------------|
| LB Number :             | LB88853             | Operator :        | Jaswal                |
| Lab Sample ID :         | ICSA01              | Instrumnet Name : | P7                    |
| Client Sample ID :      | ICSA01              | Dilution Factor : | 1                     |
| Date & Time Acquired :: | 2017-07-19 12:29:58 | DataFile Name :   | 014ICSA01_P7071917 -M |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|-----------|------|---------|---------|---------|------------|---------|-------|
| Zirconium | 91-1 | 0.70    | 0.65    | 0.58    | 0.64       | 8.93    | ppb   |

|                         |                     |                   |                      |
|-------------------------|---------------------|-------------------|----------------------|
| LB Number :             | LB88853             | Operator :        | Jaswal               |
| Lab Sample ID :         | ICSAB01             | Instrumnet Name : | P7                   |
| Client Sample ID :      | ICSAB01             | Dilution Factor : | 1                    |
| Date & Time Acquired :: | 2017-07-19 12:33:25 | DataFile Name :   | 015ICSB_P7071917 -MS |

| Parameter  | Mass  | ConRep1   | ConRep2  | ConRep3  | Avg. Conc. | ConcRSD | Units |
|------------|-------|-----------|----------|----------|------------|---------|-------|
| Aluminium  | 27-2  | 91882.20  | 88615.16 | 89120.02 | 89872.46   | 1.96    | ppb   |
| Antimony   | 121-1 | 20.22     | 20.31    | 20.05    | 20.19      | 0.65    | ppb   |
| Arsenic    | 75-2  | 20.10     | 18.98    | 18.31    | 19.13      | 4.72    | ppb   |
| Barium     | 135-1 | 21.24     | 21.57    | 20.75    | 21.19      | 1.94    | ppb   |
| Barium     | 137-1 | 21.06     | 21.05    | 20.89    | 21.00      | 0.47    | ppb   |
| Beryllium  | 9-1   | 20.25     | 19.87    | 20.47    | 20.19      | 1.50    | ppb   |
| Bismuth    | 209-1 |           |          |          |            |         | %     |
| Bismuth    | 209-2 |           |          |          |            |         | %     |
| Boron      | 10-1  | 64.05     | 63.78    | 64.40    | 64.08      | 0.49    | ppb   |
| Boron      | 11-1  | 65.47     | 64.71    | 63.59    | 64.59      | 1.47    | ppb   |
| Cadmium    | 111-1 | 19.72     | 19.81    | 19.85    | 19.79      | 0.34    | ppb   |
| Cadmium    | 106-1 | 24.86     | 21.72    | 24.66    | 23.75      | 7.40    | ppb   |
| Cadmium    | 108-1 | 34.24     | 31.41    | 31.91    | 32.52      | 4.65    | ppb   |
| Calcium    | 43-1  | 95771.22  | 94113.22 | 93409.56 | 94431.33   | 1.28    | ppb   |
| Calcium    | 44-1  | 95499.01  | 92814.52 | 93195.30 | 93836.28   | 1.55    | ppb   |
| Chromium   | 52-2  | 38.59     | 37.43    | 37.43    | 37.82      | 1.77    | ppb   |
| Cobalt     | 59-2  | 20.61     | 19.95    | 20.32    | 20.29      | 1.63    | ppb   |
| Copper     | 63-2  | 27.49     | 26.83    | 27.12    | 27.14      | 1.23    | ppb   |
| Dysprosium | 156-1 |           |          |          |            |         | cps   |
| Dysprosium | 156-2 |           |          |          |            |         | cps   |
| Erbium     | 164-1 |           |          |          |            |         | cps   |
| Erbium     | 164-2 |           |          |          |            |         | cps   |
| Gadolinium | 160-1 |           |          |          |            |         | cps   |
| Gadolinium | 160-2 |           |          |          |            |         | cps   |
| Holmium    | 165-1 |           |          |          |            |         | %     |
| Holmium    | 165-2 |           |          |          |            |         | %     |
| Indium     | 115-1 |           |          |          |            |         | %     |
| Indium     | 115-2 |           |          |          |            |         | %     |
| Iron       | 56-2  | 102474.40 | 98550.11 | 99118.48 | 100047.66  | 2.12    | ppb   |
| Iron       | 57-2  | 102220.82 | 98587.98 | 99245.73 | 100018.18  | 1.94    | ppb   |
| Lead       | 206-1 | 24.99     | 24.63    | 24.47    | 24.70      | 1.06    | ppb   |
| Lead       | 207-1 | 22.61     | 22.39    | 22.13    | 22.37      | 1.07    | ppb   |
| Lead       | 208-1 | 23.59     | 23.33    | 23.10    | 23.34      | 1.06    | ppb   |
| Lithium    | 6-1   |           |          |          |            |         | %     |
| Magnesium  | 24-2  | 96082.67  | 91973.31 | 92975.11 | 93677.03   | 2.29    | ppb   |
| Manganese  | 55-2  | 27.47     | 26.64    | 26.52    | 26.88      | 1.93    | ppb   |



|                         |                     |                   |                      |
|-------------------------|---------------------|-------------------|----------------------|
| LB Number :             | LB88853             | Operator :        | Jaswal               |
| Lab Sample ID :         | ICSAB01             | Instrumnet Name : | P7                   |
| Client Sample ID :      | ICSAB01             | Dilution Factor : | 1                    |
| Date & Time Acquired :: | 2017-07-19 12:33:25 | DataFile Name :   | 015ICSB_P7071917 -MS |

| Parameter  | Mass  | ConRep1   | ConRep2  | ConRep3  | Avg. Conc. | ConcRSD | Units |
|------------|-------|-----------|----------|----------|------------|---------|-------|
| Molybdenum | 94-1  | 665.77    | 652.69   | 654.87   | 657.78     | 1.06    | ppb   |
| Molybdenum | 95-1  | 1981.31   | 1963.02  | 1960.13  | 1968.15    | 0.58    | ppb   |
| Molybdenum | 96-1  | 1673.19   | 1621.41  | 1631.07  | 1641.89    | 1.68    | ppb   |
| Molybdenum | 97-1  | 1977.17   | 1938.73  | 1944.23  | 1953.38    | 1.06    | ppb   |
| Molybdenum | 98-1  | 1961.32   | 1935.34  | 1943.84  | 1946.83    | 0.68    | ppb   |
| Neodymium  | 150-1 |           |          |          |            |         | cps   |
| Neodymium  | 150-2 |           |          |          |            |         | cps   |
| Nickel     | 60-2  | 24.43     | 24.53    | 24.30    | 24.42      | 0.48    | ppb   |
| Phosphorus | 31-2  | 96729.24  | 93628.43 | 94429.70 | 94929.12   | 1.70    | ppb   |
| Potassium  | 39-2  | 97841.70  | 94491.29 | 94807.94 | 95713.65   | 1.93    | ppb   |
| Rhodium    | 103-1 |           |          |          |            |         | %     |
| Rhodium    | 103-2 |           |          |          |            |         | %     |
| Scandium   | 45-1  |           |          |          |            |         | %     |
| Scandium   | 45-2  |           |          |          |            |         | %     |
| Selenium   | 77-2  | 21.84     | 17.99    | 20.11    | 19.98      | 9.64    | ppb   |
| Selenium   | 78-2  | 19.47     | 17.15    | 18.31    | 18.31      | 6.34    | ppb   |
| Selenium   | 82-1  | 21.14     | 20.05    | 20.06    | 20.42      | 3.06    | ppb   |
| Silicon    | 28-1  | 78.21     | 76.88    | 77.55    | 77.54      | 0.85    | ppb   |
| Silver     | 109-1 | 18.31     | 18.43    | 18.45    | 18.40      | 0.42    | ppb   |
| Silver     | 107-1 | 18.38     | 18.42    | 18.58    | 18.46      | 0.57    | ppb   |
| Sodium     | 23-2  | 97198.07  | 93464.98 | 93860.21 | 94841.09   | 2.16    | ppb   |
| Strontium  | 86-1  | 84.36     | 81.28    | 82.85    | 82.83      | 1.86    | ppb   |
| Strontium  | 88-1  | 84.80     | 84.08    | 83.55    | 84.14      | 0.74    | ppb   |
| Sulfur     | 34-1  | 100368.08 | 97368.75 | 97652.95 | 98463.26   | 1.68    | ppb   |
| Terbium    | 159-1 |           |          |          |            |         | %     |
| Terbium    | 159-2 |           |          |          |            |         | %     |
| Thallium   | 203-1 | 19.91     | 19.73    | 19.52    | 19.72      | 1.00    | ppb   |
| Thallium   | 205-1 | 20.08     | 19.99    | 20.12    | 20.06      | 0.34    | ppb   |
| Tin        | 118-1 | 50.34     | 50.72    | 50.66    | 50.57      | 0.41    | ppb   |
| Titanium   | 47-1  | 1991.81   | 1935.00  | 1937.43  | 1954.75    | 1.64    | ppb   |
| Uranium    | 238-1 | 51.51     | 51.04    | 51.24    | 51.26      | 0.46    | ppb   |
| Vanadium   | 51-2  | 19.38     | 18.60    | 18.84    | 18.94      | 2.11    | ppb   |
| Yttrium    | 89-1  |           |          |          |            |         | %     |
| Yttrium    | 89-2  |           |          |          |            |         | %     |
| Zinc       | 66-2  | 31.13     | 31.21    | 31.00    | 31.11      | 0.34    | ppb   |
| Zirconium  | 90-1  | 53.62     | 53.07    | 52.77    | 53.15      | 0.81    | ppb   |

|                         |                     |                   |                      |
|-------------------------|---------------------|-------------------|----------------------|
| LB Number :             | LB88853             | Operator :        | Jaswal               |
| Lab Sample ID :         | ICSAB01             | Instrumnet Name : | P7                   |
| Client Sample ID :      | ICSAB01             | Dilution Factor : | 1                    |
| Date & Time Acquired :: | 2017-07-19 12:33:25 | DataFile Name :   | 015ICSB_P7071917 -MS |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|-----------|------|---------|---------|---------|------------|---------|-------|
| Zirconium | 91-1 | 52.83   | 52.12   | 52.92   | 52.62      | 0.84    | ppb   |

|                         |                     |                   |                      |
|-------------------------|---------------------|-------------------|----------------------|
| LB Number :             | LB88853             | Operator :        | Jaswal               |
| Lab Sample ID :         | CCV31               | Instrumnet Name : | P7                   |
| Client Sample ID :      | CCV31               | Dilution Factor : | 1                    |
| Date & Time Acquired :: | 2017-07-19 12:36:52 | DataFile Name :   | 016CCV_P7071917 -MS. |

| Parameter  | Mass  | ConRep1   | ConRep2   | ConRep3   | Avg. Conc. | ConcRSD | Units |
|------------|-------|-----------|-----------|-----------|------------|---------|-------|
| Aluminium  | 27-2  | 51334.52  | 51736.81  | 51134.08  | 51401.81   | 0.60    | ppb   |
| Antimony   | 121-1 | 496.88    | 497.19    | 502.63    | 498.90     | 0.65    | ppb   |
| Arsenic    | 75-2  | 494.62    | 500.74    | 504.46    | 499.94     | 0.99    | ppb   |
| Barium     | 135-1 | 2530.27   | 2516.87   | 2559.38   | 2535.51    | 0.86    | ppb   |
| Barium     | 137-1 | 2532.33   | 2526.52   | 2534.61   | 2531.16    | 0.16    | ppb   |
| Beryllium  | 9-1   | 515.37    | 513.20    | 524.45    | 517.67     | 1.15    | ppb   |
| Bismuth    | 209-1 |           |           |           |            |         | %     |
| Bismuth    | 209-2 |           |           |           |            |         | %     |
| Boron      | 10-1  | 505.52    | 522.37    | 533.26    | 520.38     | 2.69    | ppb   |
| Boron      | 11-1  | 511.16    | 522.88    | 533.72    | 522.59     | 2.16    | ppb   |
| Cadmium    | 111-1 | 491.35    | 486.06    | 496.47    | 491.30     | 1.06    | ppb   |
| Cadmium    | 106-1 | 491.46    | 499.22    | 496.55    | 495.74     | 0.80    | ppb   |
| Cadmium    | 108-1 | 494.30    | 499.45    | 504.77    | 499.50     | 1.05    | ppb   |
| Calcium    | 43-1  | 244295.08 | 246083.83 | 250444.11 | 246941.01  | 1.28    | ppb   |
| Calcium    | 44-1  | 243699.79 | 243793.53 | 247438.58 | 244977.30  | 0.87    | ppb   |
| Chromium   | 52-2  | 510.91    | 512.73    | 507.19    | 510.28     | 0.55    | ppb   |
| Cobalt     | 59-2  | 488.77    | 489.75    | 484.17    | 487.56     | 0.61    | ppb   |
| Copper     | 63-2  | 958.56    | 956.74    | 945.27    | 953.52     | 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  | 126760.60 | 126900.63 | 124584.03 | 126081.75  | 1.03    | ppb   |
| Iron       | 57-2  | 127082.93 | 126845.79 | 124627.34 | 126185.35  | 1.07    | ppb   |
| Lead       | 206-1 | 503.41    | 511.63    | 522.46    | 512.50     | 1.86    | ppb   |
| Lead       | 207-1 | 498.38    | 501.04    | 512.40    | 503.94     | 1.48    | ppb   |
| Lead       | 208-1 | 505.57    | 509.36    | 518.74    | 511.22     | 1.33    | ppb   |
| Lithium    | 6-1   |           |           |           |            |         | %     |
| Magnesium  | 24-2  | 249144.86 | 250188.24 | 247716.14 | 249016.41  | 0.50    | ppb   |
| Manganese  | 55-2  | 998.51    | 997.91    | 988.29    | 994.90     | 0.58    | ppb   |

|                         |                     |                   |                      |
|-------------------------|---------------------|-------------------|----------------------|
| LB Number :             | LB88853             | Operator :        | Jaswal               |
| Lab Sample ID :         | CCV31               | Instrumnet Name : | P7                   |
| Client Sample ID :      | CCV31               | Dilution Factor : | 1                    |
| Date & Time Acquired :: | 2017-07-19 12:36:52 | DataFile Name :   | 016CCV_P7071917 -MS. |

| Parameter  | Mass  | ConRep1   | ConRep2   | ConRep3   | Avg. Conc. | ConcRSD | Units |
|------------|-------|-----------|-----------|-----------|------------|---------|-------|
| Molybdenum | 94-1  | 502.89    | 504.95    | 511.53    | 506.46     | 0.89    | ppb   |
| Molybdenum | 95-1  | 503.63    | 505.47    | 510.19    | 506.43     | 0.67    | ppb   |
| Molybdenum | 96-1  | 500.18    | 504.29    | 510.33    | 504.93     | 1.01    | ppb   |
| Molybdenum | 97-1  | 502.58    | 501.47    | 511.75    | 505.27     | 1.12    | ppb   |
| Molybdenum | 98-1  | 507.36    | 508.80    | 510.95    | 509.03     | 0.35    | ppb   |
| Neodymium  | 150-1 |           |           |           |            |         | cps   |
| Neodymium  | 150-2 |           |           |           |            |         | cps   |
| Nickel     | 60-2  | 493.66    | 489.47    | 487.90    | 490.34     | 0.61    | ppb   |
| Phosphorus | 31-2  | 10042.04  | 10393.89  | 10186.33  | 10207.42   | 1.73    | ppb   |
| Potassium  | 39-2  | 127622.73 | 127242.83 | 126852.48 | 127239.35  | 0.30    | ppb   |
| Rhodium    | 103-1 |           |           |           |            |         | %     |
| Rhodium    | 103-2 |           |           |           |            |         | %     |
| Scandium   | 45-1  |           |           |           |            |         | %     |
| Scandium   | 45-2  |           |           |           |            |         | %     |
| Selenium   | 77-2  | 478.86    | 485.64    | 494.31    | 486.27     | 1.59    | ppb   |
| Selenium   | 78-2  | 496.44    | 488.08    | 475.28    | 486.60     | 2.19    | ppb   |
| Selenium   | 82-1  | 488.69    | 485.12    | 490.38    | 488.06     | 0.55    | ppb   |
| Silicon    | 28-1  | 535.37    | 545.64    | 562.44    | 547.82     | 2.49    | ppb   |
| Silver     | 109-1 | 493.71    | 486.41    | 496.49    | 492.20     | 1.06    | ppb   |
| Silver     | 107-1 | 490.15    | 487.46    | 492.02    | 489.88     | 0.47    | ppb   |
| Sodium     | 23-2  | 251679.42 | 252814.83 | 249330.69 | 251274.98  | 0.71    | ppb   |
| Strontium  | 86-1  | 517.62    | 516.02    | 521.48    | 518.37     | 0.54    | ppb   |
| Strontium  | 88-1  | 517.82    | 515.53    | 516.47    | 516.61     | 0.22    | ppb   |
| Sulfur     | 34-1  | 9236.19   | 9658.79   | 9840.92   | 9578.63    | 3.24    | ppb   |
| Terbium    | 159-1 |           |           |           |            |         | %     |
| Terbium    | 159-2 |           |           |           |            |         | %     |
| Thallium   | 203-1 | 497.36    | 509.16    | 517.78    | 508.10     | 2.02    | ppb   |
| Thallium   | 205-1 | 500.77    | 513.14    | 517.59    | 510.50     | 1.71    | ppb   |
| Tin        | 118-1 | 506.24    | 501.00    | 508.01    | 505.09     | 0.72    | ppb   |
| Titanium   | 47-1  | 506.03    | 504.28    | 512.25    | 507.52     | 0.83    | ppb   |
| Uranium    | 238-1 | 513.94    | 518.11    | 527.30    | 519.79     | 1.32    | ppb   |
| Vanadium   | 51-2  | 503.43    | 508.12    | 499.58    | 503.71     | 0.85    | ppb   |
| Yttrium    | 89-1  |           |           |           |            |         | %     |
| Yttrium    | 89-2  |           |           |           |            |         | %     |
| Zinc       | 66-2  | 949.32    | 954.63    | 940.36    | 948.10     | 0.76    | ppb   |
| Zirconium  | 90-1  | 498.59    | 504.70    | 506.31    | 503.20     | 0.81    | ppb   |

|                         |                     |                   |                      |
|-------------------------|---------------------|-------------------|----------------------|
| LB Number :             | LB88853             | Operator :        | Jaswal               |
| Lab Sample ID :         | CCV31               | Instrumnet Name : | P7                   |
| Client Sample ID :      | CCV31               | Dilution Factor : | 1                    |
| Date & Time Acquired :: | 2017-07-19 12:36:52 | DataFile Name :   | 016CCV_P7071917 -MS. |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|-----------|------|---------|---------|---------|------------|---------|-------|
| Zirconium | 91-1 | 496.49  | 498.02  | 502.52  | 499.01     | 0.63    | ppb   |

LB Number : LB88853 Operator : Jaswal  
 Lab Sample ID : CCB31 Instrumnet Name : P7  
 Client Sample ID : CCB31 Dilution Factor : 1  
 Date & Time Acquired :: 2017-07-19 12:43:46 DataFile Name : 017CCBE\_P7071917 -M

| Parameter  | Mass  | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|------------|-------|---------|---------|---------|------------|---------|-------|
| Aluminium  | 27-2  | 0.24    | 0.38    | 0.79    | 0.47       | 60.46   | ppb   |
| Antimony   | 121-1 | 0.38    | 0.36    | 0.41    | 0.38       | 6.83    | ppb   |
| Arsenic    | 75-2  | 0.06    | 0.07    | 0.05    | 0.06       | 16.70   | ppb   |
| Barium     | 135-1 | -0.10   | -0.10   | -0.08   | -0.09      |         | ppb   |
| Barium     | 137-1 | -0.05   | -0.04   | -0.05   | -0.05      |         | ppb   |
| Beryllium  | 9-1   | 0.35    | 0.20    | 0.28    | 0.27       | 27.74   | ppb   |
| Bismuth    | 209-1 |         |         |         |            |         | %     |
| Bismuth    | 209-2 |         |         |         |            |         | %     |
| Boron      | 10-1  | 13.24   | 13.90   | 11.62   | 12.92      | 9.10    | ppb   |
| Boron      | 11-1  | 13.19   | 12.32   | 12.52   | 12.68      | 3.60    | ppb   |
| Cadmium    | 111-1 | -0.12   | -0.11   | -0.10   | -0.11      |         | ppb   |
| Cadmium    | 106-1 | -1.37   | -1.36   | -1.10   | -1.27      |         | ppb   |
| Cadmium    | 108-1 | -0.05   | -0.02   | 0.01    | -0.02      |         | ppb   |
| Calcium    | 43-1  | 1.32    | 2.09    | 0.09    | 1.17       | 86.13   | ppb   |
| Calcium    | 44-1  | -1.23   | -0.81   | -0.89   | -0.98      |         | ppb   |
| Chromium   | 52-2  | -0.03   | -0.04   | -0.06   | -0.05      |         | ppb   |
| Cobalt     | 59-2  | -0.07   | -0.06   | -0.06   | -0.06      |         | ppb   |
| Copper     | 63-2  | 0.07    | 0.01    | 0.05    | 0.04       | 69.30   | 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  | 4.99    | 5.12    | 5.15    | 5.09       | 1.73    | ppb   |
| Iron       | 57-2  | 6.24    | 7.27    | 5.93    | 6.48       | 10.86   | ppb   |
| Lead       | 206-1 | 0.00    | -0.02   | 0.02    | 0.00       |         | ppb   |
| Lead       | 207-1 | 0.00    | 0.04    | 0.00    | 0.02       | 150.01  | ppb   |
| Lead       | 208-1 | 0.01    | 0.02    | 0.01    | 0.01       | 37.43   | ppb   |
| Lithium    | 6-1   |         |         |         |            |         | %     |
| Magnesium  | 24-2  | -3.67   | -4.38   | -3.34   | -3.80      |         | ppb   |
| Manganese  | 55-2  | -0.22   | -0.27   | -0.22   | -0.24      |         | ppb   |

|                         |                     |                   |                     |
|-------------------------|---------------------|-------------------|---------------------|
| LB Number :             | LB88853             | Operator :        | Jaswal              |
| Lab Sample ID :         | CCB31               | Instrumnet Name : | P7                  |
| Client Sample ID :      | CCB31               | Dilution Factor : | 1                   |
| Date & Time Acquired :: | 2017-07-19 12:43:46 | DataFile Name :   | 017CCBE_P7071917 -M |

| Parameter  | Mass  | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|------------|-------|---------|---------|---------|------------|---------|-------|
| Molybdenum | 94-1  | 0.09    | 0.10    | 0.11    | 0.10       | 7.31    | ppb   |
| Molybdenum | 95-1  | 0.14    | 0.17    | 0.12    | 0.14       | 18.56   | ppb   |
| Molybdenum | 96-1  | 0.15    | 0.16    | 0.12    | 0.14       | 12.03   | ppb   |
| Molybdenum | 97-1  | 0.17    | 0.17    | 0.22    | 0.19       | 15.99   | ppb   |
| Molybdenum | 98-1  | 0.13    | 0.19    | 0.17    | 0.17       | 17.74   | ppb   |
| Neodymium  | 150-1 |         |         |         |            |         | cps   |
| Neodymium  | 150-2 |         |         |         |            |         | cps   |
| Nickel     | 60-2  | 0.03    | -0.01   | 0.04    | 0.02       | 120.36  | ppb   |
| Phosphorus | 31-2  | -5.25   | -2.11   | -8.53   | -5.30      |         | ppb   |
| Potassium  | 39-2  | 9.62    | 9.63    | 16.86   | 12.03      | 34.69   | ppb   |
| Rhodium    | 103-1 |         |         |         |            |         | %     |
| Rhodium    | 103-2 |         |         |         |            |         | %     |
| Scandium   | 45-1  |         |         |         |            |         | %     |
| Scandium   | 45-2  |         |         |         |            |         | %     |
| Selenium   | 77-2  | 0.00    | 0.00    | 0.64    | 0.21       | 173.21  | ppb   |
| Selenium   | 78-2  | -0.59   | -1.15   | -1.30   | -1.01      |         | ppb   |
| Selenium   | 82-1  | 0.87    | 0.59    | 0.39    | 0.62       | 39.43   | ppb   |
| Silicon    | 28-1  | 5.37    | 5.44    | 3.79    | 4.87       | 19.17   | ppb   |
| Silver     | 109-1 | 0.02    | 0.02    | 0.02    | 0.02       | 8.89    | ppb   |
| Silver     | 107-1 | 0.01    | 0.02    | 0.02    | 0.02       | 26.18   | ppb   |
| Sodium     | 23-2  | 30.50   | 33.17   | 33.34   | 32.34      | 4.93    | ppb   |
| Strontium  | 86-1  | 0.02    | 0.10    | 0.06    | 0.06       | 69.09   | ppb   |
| Strontium  | 88-1  | 0.00    | -0.01   | 0.00    | 0.00       |         | ppb   |
| Sulfur     | 34-1  | -12.44  | 55.21   | -111.07 | -22.77     |         | ppb   |
| Terbium    | 159-1 |         |         |         |            |         | %     |
| Terbium    | 159-2 |         |         |         |            |         | %     |
| Thallium   | 203-1 | -0.01   | -0.01   | -0.01   | -0.01      |         | ppb   |
| Thallium   | 205-1 | 0.01    | 0.00    | 0.00    | 0.00       | 155.25  | ppb   |
| Tin        | 118-1 | 0.18    | 0.16    | 0.14    | 0.16       | 10.06   | ppb   |
| Titanium   | 47-1  | 0.01    | 0.04    | 0.03    | 0.03       | 60.94   | ppb   |
| Uranium    | 238-1 | -0.06   | -0.06   | -0.06   | -0.06      |         | ppb   |
| Vanadium   | 51-2  | -0.02   | -0.02   | -0.03   | -0.02      |         | ppb   |
| Yttrium    | 89-1  |         |         |         |            |         | %     |
| Yttrium    | 89-2  |         |         |         |            |         | %     |
| Zinc       | 66-2  | 0.11    | 0.02    | 0.10    | 0.08       | 66.56   | ppb   |
| Zirconium  | 90-1  | 0.07    | 0.07    | 0.05    | 0.06       | 10.74   | ppb   |

|                         |                     |                   |                      |
|-------------------------|---------------------|-------------------|----------------------|
| LB Number :             | LB88853             | Operator :        | Jaswal               |
| Lab Sample ID :         | CCB31               | Instrumnet Name : | P7                   |
| Client Sample ID :      | CCB31               | Dilution Factor : | 1                    |
| Date & Time Acquired :: | 2017-07-19 12:43:46 | DataFile Name :   | 017CCBE_P7071917 -M: |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|-----------|------|---------|---------|---------|------------|---------|-------|
| Zirconium | 91-1 | 0.09    | 0.05    | 0.07    | 0.07       | 26.08   | ppb   |



|                         |                     |                   |                     |
|-------------------------|---------------------|-------------------|---------------------|
| LB Number :             | LB88853             | Operator :        | Jaswal              |
| Lab Sample ID :         | CRI                 | Instrumnet Name : | P7                  |
| Client Sample ID :      | CRI                 | Dilution Factor : | 1                   |
| Date & Time Acquired :: | 2017-07-19 12:47:14 | DataFile Name :   | 018SMPL_P7071917 -M |

| Parameter  | Mass  | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|------------|-------|---------|---------|---------|------------|---------|-------|
| Aluminium  | 27-2  | 16.99   | 17.37   | 20.37   | 18.24      | 10.14   | ppb   |
| Antimony   | 121-1 | 2.03    | 2.07    | 2.09    | 2.07       | 1.53    | ppb   |
| Arsenic    | 75-2  | 0.97    | 0.97    | 0.86    | 0.93       | 6.78    | ppb   |
| Barium     | 135-1 | 8.85    | 8.90    | 9.27    | 9.01       | 2.52    | ppb   |
| Barium     | 137-1 | 8.78    | 8.90    | 9.27    | 8.98       | 2.81    | ppb   |
| Beryllium  | 9-1   | 0.95    | 0.97    | 1.05    | 0.99       | 4.92    | ppb   |
| Bismuth    | 209-1 |         |         |         |            |         | %     |
| Bismuth    | 209-2 |         |         |         |            |         | %     |
| Boron      | 10-1  | 26.72   | 31.25   | 29.79   | 29.25      | 7.90    | ppb   |
| Boron      | 11-1  | 27.16   | 29.96   | 30.12   | 29.08      | 5.73    | ppb   |
| Cadmium    | 111-1 | 0.74    | 0.76    | 0.92    | 0.80       | 12.30   | ppb   |
| Cadmium    | 106-1 | -1.49   | -0.76   | 0.11    | -0.71      |         | ppb   |
| Cadmium    | 108-1 | 1.25    | 1.05    | 1.07    | 1.12       | 9.83    | ppb   |
| Calcium    | 43-1  | 430.69  | 442.17  | 470.69  | 447.85     | 4.60    | ppb   |
| Calcium    | 44-1  | 424.05  | 429.90  | 468.98  | 440.98     | 5.54    | ppb   |
| Chromium   | 52-2  | 1.89    | 1.81    | 2.03    | 1.91       | 5.85    | ppb   |
| Cobalt     | 59-2  | 0.85    | 0.85    | 0.91    | 0.87       | 3.95    | ppb   |
| Copper     | 63-2  | 2.04    | 2.16    | 2.26    | 2.15       | 5.20    | ppb   |
| Dysprosium | 156-1 |         |         |         |            |         | cps   |
| Dysprosium | 156-2 |         |         |         |            |         | cps   |
| Erbium     | 164-1 |         |         |         |            |         | cps   |
| Erbium     | 164-2 |         |         |         |            |         | cps   |
| Gadolinium | 160-1 |         |         |         |            |         | cps   |
| Gadolinium | 160-2 |         |         |         |            |         | cps   |
| Holmium    | 165-1 |         |         |         |            |         | %     |
| Holmium    | 165-2 |         |         |         |            |         | %     |
| Indium     | 115-1 |         |         |         |            |         | %     |
| Indium     | 115-2 |         |         |         |            |         | %     |
| Iron       | 56-2  | 52.97   | 52.07   | 54.54   | 53.20      | 2.35    | ppb   |
| Iron       | 57-2  | 57.78   | 51.76   | 53.26   | 54.26      | 5.77    | ppb   |
| Lead       | 206-1 | 1.15    | 1.10    | 1.14    | 1.13       | 2.02    | ppb   |
| Lead       | 207-1 | 1.06    | 1.05    | 1.12    | 1.08       | 3.29    | ppb   |
| Lead       | 208-1 | 1.13    | 1.10    | 1.15    | 1.13       | 2.09    | ppb   |
| Lithium    | 6-1   |         |         |         |            |         | %     |
| Magnesium  | 24-2  | 455.32  | 440.29  | 478.36  | 457.99     | 4.19    | ppb   |
| Manganese  | 55-2  | 0.59    | 0.61    | 0.76    | 0.65       | 13.66   | ppb   |

|                         |                     |                   |                     |
|-------------------------|---------------------|-------------------|---------------------|
| LB Number :             | LB88853             | Operator :        | Jaswal              |
| Lab Sample ID :         | CRI                 | Instrumnet Name : | P7                  |
| Client Sample ID :      | CRI                 | Dilution Factor : | 1                   |
| Date & Time Acquired :: | 2017-07-19 12:47:14 | DataFile Name :   | 018SMPL_P7071917 -M |

| Parameter  | Mass  | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|------------|-------|---------|---------|---------|------------|---------|-------|
| Molybdenum | 94-1  | 2.27    | 2.12    | 2.33    | 2.24       | 4.87    | ppb   |
| Molybdenum | 95-1  | 4.62    | 4.57    | 4.89    | 4.69       | 3.66    | ppb   |
| Molybdenum | 96-1  | 3.93    | 3.88    | 4.24    | 4.02       | 4.80    | ppb   |
| Molybdenum | 97-1  | 4.42    | 4.45    | 4.79    | 4.55       | 4.43    | ppb   |
| Molybdenum | 98-1  | 4.47    | 4.42    | 4.76    | 4.55       | 4.01    | ppb   |
| Neodymium  | 150-1 |         |         |         |            |         | cps   |
| Neodymium  | 150-2 |         |         |         |            |         | cps   |
| Nickel     | 60-2  | 0.86    | 0.85    | 0.85    | 0.85       | 0.50    | ppb   |
| Phosphorus | 31-2  | 2.64    | -11.37  | -7.12   | -5.28      |         | ppb   |
| Potassium  | 39-2  | 469.35  | 456.83  | 483.25  | 469.81     | 2.81    | ppb   |
| Rhodium    | 103-1 |         |         |         |            |         | %     |
| Rhodium    | 103-2 |         |         |         |            |         | %     |
| Scandium   | 45-1  |         |         |         |            |         | %     |
| Scandium   | 45-2  |         |         |         |            |         | %     |
| Selenium   | 77-2  | 2.99    | 4.71    | 5.62    | 4.44       | 30.16   | ppb   |
| Selenium   | 78-2  | 2.89    | 3.27    | 5.31    | 3.83       | 34.00   | ppb   |
| Selenium   | 82-1  | 5.17    | 5.02    | 4.71    | 4.97       | 4.78    | ppb   |
| Silicon    | 28-1  | 6.74    | 6.90    | 13.59   | 9.08       | 43.09   | ppb   |
| Silver     | 109-1 | 1.15    | 1.22    | 1.30    | 1.22       | 6.07    | ppb   |
| Silver     | 107-1 | 1.26    | 1.24    | 1.27    | 1.26       | 1.17    | ppb   |
| Sodium     | 23-2  | 497.05  | 480.97  | 524.40  | 500.81     | 4.38    | ppb   |
| Strontium  | 86-1  | 0.94    | 0.92    | 0.94    | 0.93       | 1.50    | ppb   |
| Strontium  | 88-1  | 0.98    | 0.94    | 0.95    | 0.96       | 2.16    | ppb   |
| Sulfur     | 34-1  | -794.49 | -672.26 | -76.34  | -514.36    |         | ppb   |
| Terbium    | 159-1 |         |         |         |            |         | %     |
| Terbium    | 159-2 |         |         |         |            |         | %     |
| Thallium   | 203-1 | 0.89    | 0.85    | 0.98    | 0.90       | 7.25    | ppb   |
| Thallium   | 205-1 | 0.88    | 0.88    | 0.95    | 0.90       | 4.15    | ppb   |
| Tin        | 118-1 | 4.64    | 4.57    | 4.64    | 4.62       | 0.88    | ppb   |
| Titanium   | 47-1  | 4.71    | 4.07    | 5.03    | 4.61       | 10.62   | ppb   |
| Uranium    | 238-1 | 0.82    | 0.80    | 0.88    | 0.83       | 5.01    | ppb   |
| Vanadium   | 51-2  | 4.47    | 4.53    | 4.73    | 4.57       | 3.03    | ppb   |
| Yttrium    | 89-1  |         |         |         |            |         | %     |
| Yttrium    | 89-2  |         |         |         |            |         | %     |
| Zinc       | 66-2  | 2.01    | 2.37    | 2.11    | 2.16       | 8.49    | ppb   |
| Zirconium  | 90-1  | 1.07    | 1.02    | 1.13    | 1.08       | 4.99    | ppb   |

|                         |                     |                   |                     |
|-------------------------|---------------------|-------------------|---------------------|
| LB Number :             | LB88853             | Operator :        | Jaswal              |
| Lab Sample ID :         | CRI                 | Instrumnet Name : | P7                  |
| Client Sample ID :      | CRI                 | Dilution Factor : | 1                   |
| Date & Time Acquired :: | 2017-07-19 12:47:14 | DataFile Name :   | 018SMPL_P7071917 -M |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|-----------|------|---------|---------|---------|------------|---------|-------|
| Zirconium | 91-1 | 1.08    | 1.05    | 1.08    | 1.07       | 1.48    | ppb   |

|                         |                     |                   |                     |
|-------------------------|---------------------|-------------------|---------------------|
| LB Number :             | LB88853             | Operator :        | Jaswal              |
| Lab Sample ID :         | PB100760BL          | Instrumnet Name : | P7                  |
| Client Sample ID :      | PB100760BL          | Dilution Factor : | 1                   |
| Date & Time Acquired :: | 2017-07-19 12:50:42 | DataFile Name :   | 019CCBE_P7071917 -M |

| Parameter  | Mass  | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|------------|-------|---------|---------|---------|------------|---------|-------|
| Aluminium  | 27-2  | 0.25    | 0.37    | -0.25   | 0.13       | 261.03  | ppb   |
| Antimony   | 121-1 | 0.13    | 0.13    | 0.13    | 0.13       | 1.93    | ppb   |
| Arsenic    | 75-2  | -0.01   | 0.02    | 0.01    | 0.01       | 183.19  | ppb   |
| Barium     | 135-1 | -0.08   | -0.09   | -0.09   | -0.09      |         | ppb   |
| Barium     | 137-1 | -0.05   | -0.06   | -0.06   | -0.06      |         | ppb   |
| Beryllium  | 9-1   | 0.13    | 0.09    | 0.17    | 0.13       | 29.62   | ppb   |
| Bismuth    | 209-1 |         |         |         |            |         | %     |
| Bismuth    | 209-2 |         |         |         |            |         | %     |
| Boron      | 10-1  | 6.29    | 6.66    | 7.08    | 6.68       | 5.97    | ppb   |
| Boron      | 11-1  | 7.29    | 6.87    | 6.60    | 6.92       | 5.01    | ppb   |
| Cadmium    | 111-1 | -0.20   | -0.12   | -0.14   | -0.15      |         | ppb   |
| Cadmium    | 106-1 | -2.24   | -1.19   | -1.69   | -1.71      |         | ppb   |
| Cadmium    | 108-1 | -0.03   | -0.06   | -0.06   | -0.05      |         | ppb   |
| Calcium    | 43-1  | 0.46    | 1.19    | 1.42    | 1.02       | 48.79   | ppb   |
| Calcium    | 44-1  | -2.42   | -2.59   | -2.73   | -2.58      |         | ppb   |
| Chromium   | 52-2  | -0.03   | -0.01   | -0.02   | -0.02      |         | ppb   |
| Cobalt     | 59-2  | -0.06   | -0.07   | -0.07   | -0.07      |         | ppb   |
| Copper     | 63-2  | 0.05    | -0.02   | 0.03    | 0.02       | 189.89  | 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  | 3.99    | 3.88    | 3.62    | 3.83       | 4.92    | ppb   |
| Iron       | 57-2  | 5.54    | 4.06    | 3.42    | 4.34       | 25.06   | ppb   |
| Lead       | 206-1 | 0.02    | 0.01    | 0.02    | 0.02       | 19.12   | ppb   |
| Lead       | 207-1 | 0.03    | 0.03    | 0.01    | 0.03       | 36.58   | ppb   |
| Lead       | 208-1 | 0.03    | 0.03    | 0.03    | 0.03       | 0.19    | ppb   |
| Lithium    | 6-1   |         |         |         |            |         | %     |
| Magnesium  | 24-2  | -2.43   | -3.35   | -4.01   | -3.26      |         | ppb   |
| Manganese  | 55-2  | -0.24   | -0.26   | -0.32   | -0.27      |         | ppb   |

|                         |                     |                   |                     |
|-------------------------|---------------------|-------------------|---------------------|
| LB Number :             | LB88853             | Operator :        | Jaswal              |
| Lab Sample ID :         | PB100760BL          | Instrumnet Name : | P7                  |
| Client Sample ID :      | PB100760BL          | Dilution Factor : | 1                   |
| Date & Time Acquired :: | 2017-07-19 12:50:42 | DataFile Name :   | 019CCBE_P7071917 -M |

| Parameter  | Mass  | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|------------|-------|---------|---------|---------|------------|---------|-------|
| Molybdenum | 94-1  | 0.06    | 0.06    | 0.05    | 0.06       | 13.41   | ppb   |
| Molybdenum | 95-1  | 0.02    | 0.05    | 0.06    | 0.04       | 41.48   | ppb   |
| Molybdenum | 96-1  | 0.05    | 0.06    | 0.03    | 0.05       | 26.81   | ppb   |
| Molybdenum | 97-1  | 0.07    | 0.03    | 0.07    | 0.06       | 47.42   | ppb   |
| Molybdenum | 98-1  | 0.04    | 0.04    | 0.04    | 0.04       | 3.93    | ppb   |
| Neodymium  | 150-1 |         |         |         |            |         | cps   |
| Neodymium  | 150-2 |         |         |         |            |         | cps   |
| Nickel     | 60-2  | -0.04   | 0.02    | -0.15   | -0.06      |         | ppb   |
| Phosphorus | 31-2  | 2.43    | -0.14   | -0.12   | 0.72       | 204.88  | ppb   |
| Potassium  | 39-2  | 5.25    | 8.26    | 4.63    | 6.05       | 32.09   | ppb   |
| Rhodium    | 103-1 |         |         |         |            |         | %     |
| Rhodium    | 103-2 |         |         |         |            |         | %     |
| Scandium   | 45-1  |         |         |         |            |         | %     |
| Scandium   | 45-2  |         |         |         |            |         | %     |
| Selenium   | 77-2  | 0.00    | 0.00    | 0.00    | 0.00       | N/A     | ppb   |
| Selenium   | 78-2  | -1.10   | -0.47   | -0.99   | -0.85      |         | ppb   |
| Selenium   | 82-1  | 0.64    | 0.42    | 0.14    | 0.40       | 61.80   | ppb   |
| Silicon    | 28-1  | 0.49    | -0.73   | -0.45   | -0.23      |         | ppb   |
| Silver     | 109-1 | 0.01    | 0.02    | 0.02    | 0.02       | 28.15   | ppb   |
| Silver     | 107-1 | 0.02    | 0.02    | 0.01    | 0.02       | 20.56   | ppb   |
| Sodium     | 23-2  | 25.71   | 25.28   | 27.26   | 26.08      | 3.99    | ppb   |
| Strontium  | 86-1  | 0.04    | 0.05    | 0.00    | 0.03       | 103.54  | ppb   |
| Strontium  | 88-1  | 0.00    | 0.00    | 0.00    | 0.00       |         | ppb   |
| Sulfur     | 34-1  | -374.75 | -316.64 | -304.51 | -331.97    |         | ppb   |
| Terbium    | 159-1 |         |         |         |            |         | %     |
| Terbium    | 159-2 |         |         |         |            |         | %     |
| Thallium   | 203-1 | -0.02   | -0.03   | -0.02   | -0.02      |         | ppb   |
| Thallium   | 205-1 | -0.02   | -0.03   | -0.02   | -0.02      |         | ppb   |
| Tin        | 118-1 | 0.09    | 0.06    | 0.07    | 0.07       | 18.25   | ppb   |
| Titanium   | 47-1  | 0.05    | -0.01   | 0.04    | 0.03       | 116.21  | ppb   |
| Uranium    | 238-1 | -0.06   | -0.06   | -0.06   | -0.06      |         | ppb   |
| Vanadium   | 51-2  | -0.03   | -0.02   | -0.03   | -0.03      |         | ppb   |
| Yttrium    | 89-1  |         |         |         |            |         | %     |
| Yttrium    | 89-2  |         |         |         |            |         | %     |
| Zinc       | 66-2  | 0.03    | 0.00    | -0.03   | 0.00       | 1936.18 | ppb   |
| Zirconium  | 90-1  | 0.05    | 0.05    | 0.04    | 0.05       | 11.45   | ppb   |

|                         |                     |                   |                      |
|-------------------------|---------------------|-------------------|----------------------|
| LB Number :             | LB88853             | Operator :        | Jaswal               |
| Lab Sample ID :         | PB100760BL          | Instrumnet Name : | P7                   |
| Client Sample ID :      | PB100760BL          | Dilution Factor : | 1                    |
| Date & Time Acquired :: | 2017-07-19 12:50:42 | DataFile Name :   | 019CCBE_P7071917 -M: |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|-----------|------|---------|---------|---------|------------|---------|-------|
| Zirconium | 91-1 | 0.05    | 0.07    | 0.06    | 0.06       | 11.27   | ppb   |

LB Number : LB88853 Operator : Jaswal  
 Lab Sample ID : PB100760BS Instrumnet Name : P7  
 Client Sample ID : PB100760BS Dilution Factor : 1  
 Date & Time Acquired :: 2017-07-19 12:54:10 DataFile Name : 020LCSE\_P7071917 -M9

| Parameter  | Mass  | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|------------|-------|---------|---------|---------|------------|---------|-------|
| Aluminium  | 27-2  | 39.49   | 34.58   | 41.86   | 38.65      | 9.61    | ppb   |
| Antimony   | 121-1 | 3.84    | 3.80    | 3.87    | 3.84       | 0.97    | ppb   |
| Arsenic    | 75-2  | 1.88    | 1.91    | 1.95    | 1.91       | 1.95    | ppb   |
| Barium     | 135-1 | 18.42   | 17.78   | 18.64   | 18.28      | 2.43    | ppb   |
| Barium     | 137-1 | 18.53   | 18.47   | 18.49   | 18.50      | 0.15    | ppb   |
| Beryllium  | 9-1   | 2.15    | 2.04    | 2.09    | 2.09       | 2.61    | ppb   |
| Bismuth    | 209-1 |         |         |         |            |         | %     |
| Bismuth    | 209-2 |         |         |         |            |         | %     |
| Boron      | 10-1  | 48.24   | 51.44   | 47.47   | 49.05      | 4.30    | ppb   |
| Boron      | 11-1  | 46.03   | 49.51   | 49.16   | 48.24      | 3.97    | ppb   |
| Cadmium    | 111-1 | 1.87    | 1.82    | 1.89    | 1.86       | 2.14    | ppb   |
| Cadmium    | 106-1 | 1.14    | 0.73    | 0.67    | 0.84       | 30.14   | ppb   |
| Cadmium    | 108-1 | 2.45    | 2.01    | 2.10    | 2.19       | 10.47   | ppb   |
| Calcium    | 43-1  | 936.42  | 928.72  | 912.30  | 925.82     | 1.33    | ppb   |
| Calcium    | 44-1  | 927.67  | 908.89  | 911.10  | 915.89     | 1.12    | ppb   |
| Chromium   | 52-2  | 3.88    | 4.20    | 4.10    | 4.06       | 3.98    | ppb   |
| Cobalt     | 59-2  | 2.00    | 2.00    | 1.98    | 1.99       | 0.50    | ppb   |
| Copper     | 63-2  | 4.32    | 4.17    | 4.29    | 4.26       | 1.90    | ppb   |
| Dysprosium | 156-1 |         |         |         |            |         | cps   |
| Dysprosium | 156-2 |         |         |         |            |         | cps   |
| Erbium     | 164-1 |         |         |         |            |         | cps   |
| Erbium     | 164-2 |         |         |         |            |         | cps   |
| Gadolinium | 160-1 |         |         |         |            |         | cps   |
| Gadolinium | 160-2 |         |         |         |            |         | cps   |
| Holmium    | 165-1 |         |         |         |            |         | %     |
| Holmium    | 165-2 |         |         |         |            |         | %     |
| Indium     | 115-1 |         |         |         |            |         | %     |
| Indium     | 115-2 |         |         |         |            |         | %     |
| Iron       | 56-2  | 413.54  | 412.41  | 414.20  | 413.38     | 0.22    | ppb   |
| Iron       | 57-2  | 416.51  | 403.13  | 408.26  | 409.30     | 1.65    | ppb   |
| Lead       | 206-1 | 2.33    | 2.19    | 2.21    | 2.24       | 3.23    | ppb   |
| Lead       | 207-1 | 2.37    | 2.19    | 2.29    | 2.28       | 3.97    | ppb   |
| Lead       | 208-1 | 2.33    | 2.22    | 2.21    | 2.25       | 2.80    | ppb   |
| Lithium    | 6-1   |         |         |         |            |         | %     |
| Magnesium  | 24-2  | 977.55  | 958.44  | 968.88  | 968.29     | 0.99    | ppb   |
| Manganese  | 55-2  | 1.75    | 1.93    | 1.75    | 1.81       | 5.70    | ppb   |

|                         |                     |                   |                      |
|-------------------------|---------------------|-------------------|----------------------|
| LB Number :             | LB88853             | Operator :        | Jaswal               |
| Lab Sample ID :         | PB100760BS          | Instrumnet Name : | P7                   |
| Client Sample ID :      | PB100760BS          | Dilution Factor : | 1                    |
| Date & Time Acquired :: | 2017-07-19 12:54:10 | DataFile Name :   | 020LCSE_P7071917 -M9 |

| Parameter  | Mass  | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|------------|-------|---------|---------|---------|------------|---------|-------|
| Molybdenum | 94-1  | 4.45    | 4.35    | 4.39    | 4.39       | 1.15    | ppb   |
| Molybdenum | 95-1  | 9.23    | 8.94    | 8.88    | 9.02       | 2.07    | ppb   |
| Molybdenum | 96-1  | 8.07    | 7.94    | 7.84    | 7.95       | 1.46    | ppb   |
| Molybdenum | 97-1  | 9.16    | 9.20    | 9.06    | 9.14       | 0.81    | ppb   |
| Molybdenum | 98-1  | 9.43    | 9.09    | 9.28    | 9.27       | 1.81    | ppb   |
| Neodymium  | 150-1 |         |         |         |            |         | cps   |
| Neodymium  | 150-2 |         |         |         |            |         | cps   |
| Nickel     | 60-2  | 1.93    | 2.17    | 2.06    | 2.05       | 5.73    | ppb   |
| Phosphorus | 31-2  | -6.55   | 2.51    | 11.73   | 2.56       | 356.74  | ppb   |
| Potassium  | 39-2  | 968.44  | 970.82  | 974.32  | 971.19     | 0.30    | ppb   |
| Rhodium    | 103-1 |         |         |         |            |         | %     |
| Rhodium    | 103-2 |         |         |         |            |         | %     |
| Scandium   | 45-1  |         |         |         |            |         | %     |
| Scandium   | 45-2  |         |         |         |            |         | %     |
| Selenium   | 77-2  | 10.03   | 10.39   | 12.90   | 11.11      | 14.06   | ppb   |
| Selenium   | 78-2  | 9.11    | 8.37    | 9.77    | 9.08       | 7.68    | ppb   |
| Selenium   | 82-1  | 11.16   | 10.14   | 10.42   | 10.57      | 4.98    | ppb   |
| Silicon    | 28-1  | 18.72   | 17.73   | 17.41   | 17.95      | 3.82    | ppb   |
| Silver     | 109-1 | 1.99    | 1.96    | 1.96    | 1.97       | 0.99    | ppb   |
| Silver     | 107-1 | 2.07    | 1.94    | 2.01    | 2.01       | 3.20    | ppb   |
| Sodium     | 23-2  | 1022.14 | 999.93  | 1007.44 | 1009.83    | 1.12    | ppb   |
| Strontium  | 86-1  | 1.91    | 2.03    | 1.82    | 1.92       | 5.60    | ppb   |
| Strontium  | 88-1  | 2.03    | 1.95    | 2.00    | 1.99       | 2.12    | ppb   |
| Sulfur     | 34-1  | -263.18 | -438.50 | -375.21 | -358.96    |         | ppb   |
| Terbium    | 159-1 |         |         |         |            |         | %     |
| Terbium    | 159-2 |         |         |         |            |         | %     |
| Thallium   | 203-1 | 1.86    | 1.84    | 1.81    | 1.84       | 1.50    | ppb   |
| Thallium   | 205-1 | 1.85    | 1.90    | 1.92    | 1.89       | 1.84    | ppb   |
| Tin        | 118-1 | 9.62    | 9.27    | 9.56    | 9.48       | 1.97    | ppb   |
| Titanium   | 47-1  | 9.55    | 9.59    | 9.42    | 9.52       | 0.91    | ppb   |
| Uranium    | 238-1 | 1.80    | 1.79    | 1.82    | 1.81       | 0.83    | ppb   |
| Vanadium   | 51-2  | 9.76    | 9.56    | 9.43    | 9.58       | 1.72    | ppb   |
| Yttrium    | 89-1  |         |         |         |            |         | %     |
| Yttrium    | 89-2  |         |         |         |            |         | %     |
| Zinc       | 66-2  | 3.96    | 3.83    | 4.02    | 3.94       | 2.47    | ppb   |
| Zirconium  | 90-1  | 2.16    | 2.11    | 2.06    | 2.11       | 2.47    | ppb   |



|                         |                     |                   |                      |
|-------------------------|---------------------|-------------------|----------------------|
| LB Number :             | LB88853             | Operator :        | Jaswal               |
| Lab Sample ID :         | PB100760BS          | Instrumnet Name : | P7                   |
| Client Sample ID :      | PB100760BS          | Dilution Factor : | 1                    |
| Date & Time Acquired :: | 2017-07-19 12:54:10 | DataFile Name :   | 020LCSE_P7071917 -M9 |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|-----------|------|---------|---------|---------|------------|---------|-------|
| Zirconium | 91-1 | 2.18    | 2.07    | 2.08    | 2.11       | 2.76    | ppb   |

LB Number : LB88853 Operator : Jaswal  
 Lab Sample ID : PB100761BL Instrumnet Name : P7  
 Client Sample ID : PB100761BL Dilution Factor : 1  
 Date & Time Acquired :: 2017-07-19 12:57:38 DataFile Name : 021CCBE\_P7071917 -M:

| Parameter  | Mass  | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|------------|-------|---------|---------|---------|------------|---------|-------|
| Aluminium  | 27-2  | 1.12    | 0.05    | 0.50    | 0.56       | 95.86   | ppb   |
| Antimony   | 121-1 | 0.06    | 0.09    | 0.08    | 0.08       | 18.67   | ppb   |
| Arsenic    | 75-2  | -0.02   | -0.02   | 0.00    | -0.01      |         | ppb   |
| Barium     | 135-1 | -0.09   | -0.09   | -0.07   | -0.09      |         | ppb   |
| Barium     | 137-1 | -0.05   | -0.06   | -0.06   | -0.06      |         | ppb   |
| Beryllium  | 9-1   | 0.08    | 0.00    | 0.00    | 0.03       | 186.07  | ppb   |
| Bismuth    | 209-1 |         |         |         |            |         | %     |
| Bismuth    | 209-2 |         |         |         |            |         | %     |
| Boron      | 10-1  | 6.39    | 5.74    | 6.23    | 6.12       | 5.54    | ppb   |
| Boron      | 11-1  | 6.37    | 6.11    | 5.88    | 6.12       | 4.04    | ppb   |
| Cadmium    | 111-1 | -0.06   | 0.02    | -0.18   | -0.07      |         | ppb   |
| Cadmium    | 106-1 | -0.41   | 0.58    | -2.05   | -0.63      |         | ppb   |
| Cadmium    | 108-1 | -0.06   | -0.06   | -0.08   | -0.07      |         | ppb   |
| Calcium    | 43-1  | -1.21   | -3.08   | -1.12   | -1.81      |         | ppb   |
| Calcium    | 44-1  | -3.08   | -1.19   | -2.45   | -2.24      |         | ppb   |
| Chromium   | 52-2  | -0.02   | 0.00    | 0.01    | 0.00       |         | ppb   |
| Cobalt     | 59-2  | -0.07   | -0.07   | -0.05   | -0.06      |         | ppb   |
| Copper     | 63-2  | 0.09    | 0.04    | 0.04    | 0.06       | 46.35   | 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  | 2.74    | 2.65    | 3.33    | 2.91       | 12.59   | ppb   |
| Iron       | 57-2  | 0.06    | 4.18    | 0.47    | 1.57       | 144.56  | ppb   |
| Lead       | 206-1 | 0.02    | 0.01    | 0.02    | 0.02       | 62.94   | ppb   |
| Lead       | 207-1 | 0.04    | 0.03    | 0.01    | 0.03       | 74.42   | ppb   |
| Lead       | 208-1 | 0.04    | 0.01    | 0.02    | 0.03       | 57.83   | ppb   |
| Lithium    | 6-1   |         |         |         |            |         | %     |
| Magnesium  | 24-2  | -1.07   | -0.84   | -2.04   | -1.32      |         | ppb   |
| Manganese  | 55-2  | -0.28   | -0.25   | -0.28   | -0.27      |         | ppb   |

|                         |                     |                   |                     |
|-------------------------|---------------------|-------------------|---------------------|
| LB Number :             | LB88853             | Operator :        | Jaswal              |
| Lab Sample ID :         | PB100761BL          | Instrumnet Name : | P7                  |
| Client Sample ID :      | PB100761BL          | Dilution Factor : | 1                   |
| Date & Time Acquired :: | 2017-07-19 12:57:38 | DataFile Name :   | 021CCBE_P7071917 -M |

| Parameter  | Mass  | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|------------|-------|---------|---------|---------|------------|---------|-------|
| Molybdenum | 94-1  | 0.04    | 0.02    | 0.03    | 0.03       | 38.79   | ppb   |
| Molybdenum | 95-1  | 0.02    | 0.01    | -0.01   | 0.01       | 198.05  | ppb   |
| Molybdenum | 96-1  | 0.01    | 0.01    | 0.02    | 0.01       | 52.67   | ppb   |
| Molybdenum | 97-1  | 0.03    | 0.03    | 0.04    | 0.03       | 20.09   | ppb   |
| Molybdenum | 98-1  | 0.03    | 0.01    | 0.01    | 0.02       | 57.36   | ppb   |
| Neodymium  | 150-1 |         |         |         |            |         | cps   |
| Neodymium  | 150-2 |         |         |         |            |         | cps   |
| Nickel     | 60-2  | 0.11    | 0.04    | 0.03    | 0.06       | 74.35   | ppb   |
| Phosphorus | 31-2  | -4.52   | 6.01    | 13.06   | 4.85       | 182.39  | ppb   |
| Potassium  | 39-2  | 14.69   | 23.51   | 23.86   | 20.68      | 25.13   | ppb   |
| Rhodium    | 103-1 |         |         |         |            |         | %     |
| Rhodium    | 103-2 |         |         |         |            |         | %     |
| Scandium   | 45-1  |         |         |         |            |         | %     |
| Scandium   | 45-2  |         |         |         |            |         | %     |
| Selenium   | 77-2  | 0.67    | 0.00    | 0.00    | 0.22       | 173.21  | ppb   |
| Selenium   | 78-2  | -0.26   | -0.15   | -0.10   | -0.17      |         | ppb   |
| Selenium   | 82-1  | 0.44    | 0.95    | 0.54    | 0.64       | 41.97   | ppb   |
| Silicon    | 28-1  | -1.09   | -1.69   | 0.11    | -0.89      |         | ppb   |
| Silver     | 109-1 | 0.02    | 0.03    | 0.02    | 0.03       | 16.37   | ppb   |
| Silver     | 107-1 | 0.02    | 0.03    | 0.02    | 0.02       | 9.08    | ppb   |
| Sodium     | 23-2  | 27.70   | 26.46   | 30.54   | 28.23      | 7.41    | ppb   |
| Strontium  | 86-1  | -0.06   | 0.02    | 0.01    | -0.01      |         | ppb   |
| Strontium  | 88-1  | 0.00    | 0.00    | 0.00    | 0.00       |         | ppb   |
| Sulfur     | 34-1  | -352.27 | -228.39 | -273.76 | -284.80    |         | ppb   |
| Terbium    | 159-1 |         |         |         |            |         | %     |
| Terbium    | 159-2 |         |         |         |            |         | %     |
| Thallium   | 203-1 | -0.03   | -0.02   | -0.03   | -0.03      |         | ppb   |
| Thallium   | 205-1 | -0.03   | -0.02   | -0.02   | -0.03      |         | ppb   |
| Tin        | 118-1 | 0.03    | 0.09    | 0.05    | 0.05       | 54.81   | ppb   |
| Titanium   | 47-1  | -0.04   | -0.02   | 0.00    | -0.02      |         | ppb   |
| Uranium    | 238-1 | -0.06   | -0.06   | -0.06   | -0.06      |         | ppb   |
| Vanadium   | 51-2  | -0.03   | -0.03   | -0.02   | -0.03      |         | ppb   |
| Yttrium    | 89-1  |         |         |         |            |         | %     |
| Yttrium    | 89-2  |         |         |         |            |         | %     |
| Zinc       | 66-2  | 0.07    | -0.06   | -0.03   | 0.00       |         | ppb   |
| Zirconium  | 90-1  | 0.04    | 0.02    | 0.02    | 0.02       | 48.37   | ppb   |

|                         |                     |                   |                      |
|-------------------------|---------------------|-------------------|----------------------|
| LB Number :             | LB88853             | Operator :        | Jaswal               |
| Lab Sample ID :         | PB100761BL          | Instrumnet Name : | P7                   |
| Client Sample ID :      | PB100761BL          | Dilution Factor : | 1                    |
| Date & Time Acquired :: | 2017-07-19 12:57:38 | DataFile Name :   | 021CCBE_P7071917 -M: |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|-----------|------|---------|---------|---------|------------|---------|-------|
| Zirconium | 91-1 | 0.05    | 0.01    | 0.04    | 0.03       | 65.80   | ppb   |

|                         |                     |                   |                      |
|-------------------------|---------------------|-------------------|----------------------|
| LB Number :             | LB88853             | Operator :        | Jaswal               |
| Lab Sample ID :         | PB100761BS          | Instrumnet Name : | P7                   |
| Client Sample ID :      | PB100761BS          | Dilution Factor : | 1                    |
| Date & Time Acquired :: | 2017-07-19 13:01:06 | DataFile Name :   | 022LCSE_P7071917 -M9 |

| Parameter  | Mass  | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|------------|-------|---------|---------|---------|------------|---------|-------|
| Aluminium  | 27-2  | 37.56   | 38.25   | 41.77   | 39.19      | 5.76    | ppb   |
| Antimony   | 121-1 | 3.86    | 3.83    | 3.86    | 3.85       | 0.43    | ppb   |
| Arsenic    | 75-2  | 2.15    | 2.02    | 1.84    | 2.01       | 7.77    | ppb   |
| Barium     | 135-1 | 18.77   | 18.44   | 18.41   | 18.54      | 1.10    | ppb   |
| Barium     | 137-1 | 19.10   | 18.58   | 18.63   | 18.77      | 1.52    | ppb   |
| Beryllium  | 9-1   | 2.07    | 2.07    | 2.14    | 2.09       | 1.97    | ppb   |
| Bismuth    | 209-1 |         |         |         |            |         | %     |
| Bismuth    | 209-2 |         |         |         |            |         | %     |
| Boron      | 10-1  | 48.02   | 50.22   | 51.91   | 50.05      | 3.90    | ppb   |
| Boron      | 11-1  | 45.65   | 47.38   | 48.65   | 47.23      | 3.19    | ppb   |
| Cadmium    | 111-1 | 1.81    | 1.73    | 1.77    | 1.77       | 2.41    | ppb   |
| Cadmium    | 106-1 | 1.06    | 0.50    | 0.11    | 0.56       | 85.35   | ppb   |
| Cadmium    | 108-1 | 2.16    | 2.14    | 1.85    | 2.05       | 8.55    | ppb   |
| Calcium    | 43-1  | 932.29  | 873.97  | 912.22  | 906.16     | 3.27    | ppb   |
| Calcium    | 44-1  | 923.52  | 909.47  | 919.90  | 917.63     | 0.80    | ppb   |
| Chromium   | 52-2  | 3.99    | 4.03    | 3.94    | 3.99       | 1.05    | ppb   |
| Cobalt     | 59-2  | 1.92    | 1.90    | 2.03    | 1.95       | 3.55    | ppb   |
| Copper     | 63-2  | 4.39    | 4.28    | 4.32    | 4.33       | 1.26    | 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  | 421.26  | 417.28  | 418.01  | 418.85     | 0.51    | ppb   |
| Iron       | 57-2  | 425.10  | 402.53  | 414.88  | 414.17     | 2.73    | ppb   |
| Lead       | 206-1 | 2.33    | 2.19    | 2.24    | 2.25       | 3.22    | ppb   |
| Lead       | 207-1 | 2.37    | 2.20    | 2.22    | 2.26       | 4.16    | ppb   |
| Lead       | 208-1 | 2.34    | 2.23    | 2.25    | 2.27       | 2.60    | ppb   |
| Lithium    | 6-1   |         |         |         |            |         | %     |
| Magnesium  | 24-2  | 988.99  | 980.66  | 968.71  | 979.45     | 1.04    | ppb   |
| Manganese  | 55-2  | 1.98    | 1.86    | 1.98    | 1.94       | 3.47    | ppb   |

|                         |                     |                   |                      |
|-------------------------|---------------------|-------------------|----------------------|
| LB Number :             | LB88853             | Operator :        | Jaswal               |
| Lab Sample ID :         | PB100761BS          | Instrumnet Name : | P7                   |
| Client Sample ID :      | PB100761BS          | Dilution Factor : | 1                    |
| Date & Time Acquired :: | 2017-07-19 13:01:06 | DataFile Name :   | 022LCSE_P7071917 -M9 |

| Parameter  | Mass  | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|------------|-------|---------|---------|---------|------------|---------|-------|
| Molybdenum | 94-1  | 4.62    | 4.39    | 4.32    | 4.44       | 3.45    | ppb   |
| Molybdenum | 95-1  | 9.32    | 9.50    | 9.28    | 9.36       | 1.23    | ppb   |
| Molybdenum | 96-1  | 8.09    | 8.16    | 8.15    | 8.13       | 0.50    | ppb   |
| Molybdenum | 97-1  | 9.09    | 8.99    | 9.51    | 9.20       | 3.02    | ppb   |
| Molybdenum | 98-1  | 9.27    | 9.35    | 9.19    | 9.27       | 0.87    | ppb   |
| Neodymium  | 150-1 |         |         |         |            |         | cps   |
| Neodymium  | 150-2 |         |         |         |            |         | cps   |
| Nickel     | 60-2  | 2.34    | 2.21    | 2.26    | 2.27       | 2.82    | ppb   |
| Phosphorus | 31-2  | -4.84   | -5.20   | 9.37    | -0.22      |         | ppb   |
| Potassium  | 39-2  | 998.60  | 974.08  | 983.48  | 985.39     | 1.26    | ppb   |
| Rhodium    | 103-1 |         |         |         |            |         | %     |
| Rhodium    | 103-2 |         |         |         |            |         | %     |
| Scandium   | 45-1  |         |         |         |            |         | %     |
| Scandium   | 45-2  |         |         |         |            |         | %     |
| Selenium   | 77-2  | 8.45    | 10.36   | 9.69    | 9.50       | 10.20   | ppb   |
| Selenium   | 78-2  | 8.09    | 8.69    | 9.74    | 8.84       | 9.48    | ppb   |
| Selenium   | 82-1  | 9.51    | 11.15   | 9.12    | 9.93       | 10.84   | ppb   |
| Silicon    | 28-1  | 20.36   | 18.55   | 18.35   | 19.09      | 5.81    | ppb   |
| Silver     | 109-1 | 2.08    | 2.06    | 1.98    | 2.04       | 2.56    | ppb   |
| Silver     | 107-1 | 2.00    | 2.08    | 2.04    | 2.04       | 2.03    | ppb   |
| Sodium     | 23-2  | 1033.50 | 1029.45 | 1024.10 | 1029.02    | 0.46    | ppb   |
| Strontium  | 86-1  | 2.34    | 1.96    | 2.01    | 2.10       | 9.79    | ppb   |
| Strontium  | 88-1  | 2.01    | 2.03    | 2.00    | 2.01       | 0.83    | ppb   |
| Sulfur     | 34-1  | 129.26  | -115.30 | -71.12  | -19.06     |         | ppb   |
| Terbium    | 159-1 |         |         |         |            |         | %     |
| Terbium    | 159-2 |         |         |         |            |         | %     |
| Thallium   | 203-1 | 1.89    | 1.90    | 1.80    | 1.86       | 2.94    | ppb   |
| Thallium   | 205-1 | 1.96    | 1.90    | 1.94    | 1.93       | 1.41    | ppb   |
| Tin        | 118-1 | 9.58    | 9.20    | 9.28    | 9.35       | 2.11    | ppb   |
| Titanium   | 47-1  | 9.04    | 9.13    | 9.64    | 9.27       | 3.53    | ppb   |
| Uranium    | 238-1 | 1.81    | 1.88    | 1.80    | 1.83       | 2.38    | ppb   |
| Vanadium   | 51-2  | 9.72    | 9.71    | 9.77    | 9.73       | 0.32    | ppb   |
| Yttrium    | 89-1  |         |         |         |            |         | %     |
| Yttrium    | 89-2  |         |         |         |            |         | %     |
| Zinc       | 66-2  | 4.23    | 4.08    | 4.09    | 4.13       | 2.06    | ppb   |
| Zirconium  | 90-1  | 2.08    | 2.11    | 2.08    | 2.09       | 0.86    | ppb   |

|                         |                     |                   |                      |
|-------------------------|---------------------|-------------------|----------------------|
| LB Number :             | LB88853             | Operator :        | Jaswal               |
| Lab Sample ID :         | PB100761BS          | Instrumnet Name : | P7                   |
| Client Sample ID :      | PB100761BS          | Dilution Factor : | 1                    |
| Date & Time Acquired :: | 2017-07-19 13:01:06 | DataFile Name :   | 022LCSE_P7071917 -M9 |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|-----------|------|---------|---------|---------|------------|---------|-------|
| Zirconium | 91-1 | 2.14    | 2.00    | 2.23    | 2.12       | 5.45    | ppb   |

|                         |                     |                   |                      |
|-------------------------|---------------------|-------------------|----------------------|
| LB Number :             | LB88853             | Operator :        | Jaswal               |
| Lab Sample ID :         | CCV32               | Instrumnet Name : | P7                   |
| Client Sample ID :      | CCV32               | Dilution Factor : | 1                    |
| Date & Time Acquired :: | 2017-07-19 13:04:35 | DataFile Name :   | 023CCV_P7071917 -MS. |

| Parameter  | Mass  | ConRep1   | ConRep2   | ConRep3   | Avg. Conc. | ConcRSD | Units |
|------------|-------|-----------|-----------|-----------|------------|---------|-------|
| Aluminium  | 27-2  | 53046.04  | 51528.84  | 51275.48  | 51950.12   | 1.84    | ppb   |
| Antimony   | 121-1 | 486.38    | 482.87    | 497.90    | 489.05     | 1.61    | ppb   |
| Arsenic    | 75-2  | 502.61    | 488.52    | 491.47    | 494.20     | 1.50    | ppb   |
| Barium     | 135-1 | 2475.47   | 2443.16   | 2531.58   | 2483.40    | 1.80    | ppb   |
| Barium     | 137-1 | 2463.51   | 2432.43   | 2517.62   | 2471.19    | 1.74    | ppb   |
| Beryllium  | 9-1   | 506.26    | 508.55    | 510.61    | 508.47     | 0.43    | ppb   |
| Bismuth    | 209-1 |           |           |           |            |         | %     |
| Bismuth    | 209-2 |           |           |           |            |         | %     |
| Boron      | 10-1  | 484.12    | 508.22    | 507.04    | 499.79     | 2.72    | ppb   |
| Boron      | 11-1  | 497.62    | 500.43    | 509.55    | 502.53     | 1.24    | ppb   |
| Cadmium    | 111-1 | 481.27    | 477.25    | 491.28    | 483.27     | 1.49    | ppb   |
| Cadmium    | 106-1 | 484.75    | 477.74    | 496.36    | 486.28     | 1.93    | ppb   |
| Cadmium    | 108-1 | 474.81    | 482.72    | 492.27    | 483.27     | 1.81    | ppb   |
| Calcium    | 43-1  | 243371.58 | 244144.72 | 244075.24 | 243863.84  | 0.18    | ppb   |
| Calcium    | 44-1  | 243128.05 | 244410.69 | 244477.42 | 244005.39  | 0.31    | ppb   |
| Chromium   | 52-2  | 520.81    | 505.33    | 506.52    | 510.89     | 1.69    | ppb   |
| Cobalt     | 59-2  | 496.38    | 483.66    | 483.70    | 487.91     | 1.50    | ppb   |
| Copper     | 63-2  | 966.44    | 943.47    | 946.46    | 952.12     | 1.31    | ppb   |
| Dysprosium | 156-1 |           |           |           |            |         | cps   |
| Dysprosium | 156-2 |           |           |           |            |         | cps   |
| Erbium     | 164-1 |           |           |           |            |         | cps   |
| Erbium     | 164-2 |           |           |           |            |         | cps   |
| Gadolinium | 160-1 |           |           |           |            |         | cps   |
| Gadolinium | 160-2 |           |           |           |            |         | cps   |
| Holmium    | 165-1 |           |           |           |            |         | %     |
| Holmium    | 165-2 |           |           |           |            |         | %     |
| Indium     | 115-1 |           |           |           |            |         | %     |
| Indium     | 115-2 |           |           |           |            |         | %     |
| Iron       | 56-2  | 129381.58 | 125747.48 | 125688.51 | 126939.19  | 1.67    | ppb   |
| Iron       | 57-2  | 130441.05 | 126553.50 | 126615.50 | 127870.02  | 1.74    | ppb   |
| Lead       | 206-1 | 508.81    | 508.85    | 512.25    | 509.97     | 0.39    | ppb   |
| Lead       | 207-1 | 500.57    | 502.76    | 505.15    | 502.83     | 0.45    | ppb   |
| Lead       | 208-1 | 511.04    | 508.58    | 512.55    | 510.73     | 0.39    | ppb   |
| Lithium    | 6-1   |           |           |           |            |         | %     |
| Magnesium  | 24-2  | 259683.70 | 250008.66 | 251263.69 | 253652.01  | 2.07    | ppb   |
| Manganese  | 55-2  | 1015.08   | 991.41    | 987.14    | 997.88     | 1.51    | ppb   |



|                         |                     |                   |                      |
|-------------------------|---------------------|-------------------|----------------------|
| LB Number :             | LB88853             | Operator :        | Jaswal               |
| Lab Sample ID :         | CCV32               | Instrumnet Name : | P7                   |
| Client Sample ID :      | CCV32               | Dilution Factor : | 1                    |
| Date & Time Acquired :: | 2017-07-19 13:04:35 | DataFile Name :   | 023CCV_P7071917 -MS. |

| Parameter  | Mass  | ConRep1   | ConRep2   | ConRep3   | Avg. Conc. | ConcRSD | Units |
|------------|-------|-----------|-----------|-----------|------------|---------|-------|
| Molybdenum | 94-1  | 505.32    | 503.08    | 506.51    | 504.97     | 0.34    | ppb   |
| Molybdenum | 95-1  | 502.00    | 501.63    | 501.40    | 501.68     | 0.06    | ppb   |
| Molybdenum | 96-1  | 504.15    | 499.01    | 501.66    | 501.61     | 0.51    | ppb   |
| Molybdenum | 97-1  | 506.36    | 499.05    | 506.23    | 503.88     | 0.83    | ppb   |
| Molybdenum | 98-1  | 507.00    | 508.36    | 507.59    | 507.65     | 0.13    | ppb   |
| Neodymium  | 150-1 |           |           |           |            |         | cps   |
| Neodymium  | 150-2 |           |           |           |            |         | cps   |
| Nickel     | 60-2  | 500.36    | 482.27    | 486.15    | 489.59     | 1.95    | ppb   |
| Phosphorus | 31-2  | 10475.34  | 10154.69  | 10088.37  | 10239.47   | 2.02    | ppb   |
| Potassium  | 39-2  | 129275.96 | 126057.74 | 124361.94 | 126565.21  | 1.97    | ppb   |
| Rhodium    | 103-1 |           |           |           |            |         | %     |
| Rhodium    | 103-2 |           |           |           |            |         | %     |
| Scandium   | 45-1  |           |           |           |            |         | %     |
| Scandium   | 45-2  |           |           |           |            |         | %     |
| Selenium   | 77-2  | 488.87    | 499.78    | 471.52    | 486.72     | 2.93    | ppb   |
| Selenium   | 78-2  | 485.63    | 482.94    | 483.71    | 484.09     | 0.29    | ppb   |
| Selenium   | 82-1  | 486.95    | 485.73    | 493.19    | 488.62     | 0.82    | ppb   |
| Silicon    | 28-1  | 533.90    | 538.84    | 545.92    | 539.55     | 1.12    | ppb   |
| Silver     | 109-1 | 471.36    | 469.91    | 486.21    | 475.82     | 1.90    | ppb   |
| Silver     | 107-1 | 471.73    | 468.38    | 484.53    | 474.88     | 1.80    | ppb   |
| Sodium     | 23-2  | 261076.29 | 253654.37 | 251971.82 | 255567.49  | 1.90    | ppb   |
| Strontium  | 86-1  | 513.36    | 510.33    | 515.52    | 513.07     | 0.51    | ppb   |
| Strontium  | 88-1  | 521.69    | 518.06    | 522.18    | 520.64     | 0.43    | ppb   |
| Sulfur     | 34-1  | 10349.07  | 10407.66  | 10438.63  | 10398.45   | 0.44    | ppb   |
| Terbium    | 159-1 |           |           |           |            |         | %     |
| Terbium    | 159-2 |           |           |           |            |         | %     |
| Thallium   | 203-1 | 506.03    | 503.14    | 507.57    | 505.58     | 0.45    | ppb   |
| Thallium   | 205-1 | 505.41    | 511.89    | 514.30    | 510.53     | 0.90    | ppb   |
| Tin        | 118-1 | 493.38    | 488.57    | 505.52    | 495.82     | 1.76    | ppb   |
| Titanium   | 47-1  | 502.08    | 501.75    | 501.80    | 501.88     | 0.04    | ppb   |
| Uranium    | 238-1 | 522.21    | 524.41    | 524.46    | 523.69     | 0.25    | ppb   |
| Vanadium   | 51-2  | 514.36    | 499.77    | 499.14    | 504.43     | 1.71    | ppb   |
| Yttrium    | 89-1  |           |           |           |            |         | %     |
| Yttrium    | 89-2  |           |           |           |            |         | %     |
| Zinc       | 66-2  | 965.85    | 941.18    | 940.02    | 949.01     | 1.54    | ppb   |
| Zirconium  | 90-1  | 503.18    | 501.20    | 501.02    | 501.80     | 0.24    | ppb   |

|                         |                     |                   |                      |
|-------------------------|---------------------|-------------------|----------------------|
| LB Number :             | LB88853             | Operator :        | Jaswal               |
| Lab Sample ID :         | CCV32               | Instrumnet Name : | P7                   |
| Client Sample ID :      | CCV32               | Dilution Factor : | 1                    |
| Date & Time Acquired :: | 2017-07-19 13:04:35 | DataFile Name :   | 023CCV_P7071917 -MS. |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|-----------|------|---------|---------|---------|------------|---------|-------|
| Zirconium | 91-1 | 501.60  | 496.18  | 499.33  | 499.04     | 0.55    | ppb   |

LB Number : LB88853 Operator : Jaswal  
 Lab Sample ID : CCB32 Instrumnet Name : P7  
 Client Sample ID : CCB32 Dilution Factor : 1  
 Date & Time Acquired :: 2017-07-19 13:12:19 DataFile Name : 024CCBE\_P7071917 -M:

| Parameter  | Mass  | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|------------|-------|---------|---------|---------|------------|---------|-------|
| Aluminium  | 27-2  | -0.23   | 1.00    | 0.85    | 0.54       | 124.04  | ppb   |
| Antimony   | 121-1 | 0.29    | 0.29    | 0.27    | 0.29       | 3.66    | ppb   |
| Arsenic    | 75-2  | 0.00    | -0.02   | 0.02    | 0.00       | 2360.07 | ppb   |
| Barium     | 135-1 | -0.09   | -0.07   | -0.08   | -0.08      |         | ppb   |
| Barium     | 137-1 | -0.05   | -0.05   | -0.06   | -0.06      |         | ppb   |
| Beryllium  | 9-1   | 0.17    | 0.15    | 0.18    | 0.16       | 7.98    | ppb   |
| Bismuth    | 209-1 |         |         |         |            |         | %     |
| Bismuth    | 209-2 |         |         |         |            |         | %     |
| Boron      | 10-1  | 9.07    | 9.56    | 9.62    | 9.42       | 3.20    | ppb   |
| Boron      | 11-1  | 8.65    | 8.82    | 9.88    | 9.12       | 7.34    | ppb   |
| Cadmium    | 111-1 | -0.11   | -0.20   | -0.11   | -0.14      |         | ppb   |
| Cadmium    | 106-1 | -1.21   | -2.41   | -1.04   | -1.55      |         | ppb   |
| Cadmium    | 108-1 | -0.03   | -0.03   | -0.05   | -0.03      |         | ppb   |
| Calcium    | 43-1  | 0.72    | 3.30    | 0.50    | 1.51       | 103.37  | ppb   |
| Calcium    | 44-1  | -2.39   | -0.60   | -1.31   | -1.43      |         | ppb   |
| Chromium   | 52-2  | 0.01    | -0.05   | -0.01   | -0.02      |         | ppb   |
| Cobalt     | 59-2  | -0.07   | -0.05   | -0.07   | -0.06      |         | ppb   |
| Copper     | 63-2  | -0.04   | -0.01   | -0.01   | -0.02      |         | ppb   |
| Dysprosium | 156-1 |         |         |         |            |         | cps   |
| Dysprosium | 156-2 |         |         |         |            |         | cps   |
| Erbium     | 164-1 |         |         |         |            |         | cps   |
| Erbium     | 164-2 |         |         |         |            |         | cps   |
| Gadolinium | 160-1 |         |         |         |            |         | cps   |
| Gadolinium | 160-2 |         |         |         |            |         | cps   |
| Holmium    | 165-1 |         |         |         |            |         | %     |
| Holmium    | 165-2 |         |         |         |            |         | %     |
| Indium     | 115-1 |         |         |         |            |         | %     |
| Indium     | 115-2 |         |         |         |            |         | %     |
| Iron       | 56-2  | 3.73    | 3.84    | 3.79    | 3.79       | 1.51    | ppb   |
| Iron       | 57-2  | 4.18    | 3.59    | 3.51    | 3.76       | 9.74    | ppb   |
| Lead       | 206-1 | -0.03   | -0.01   | -0.03   | -0.02      |         | ppb   |
| Lead       | 207-1 | -0.01   | -0.02   | -0.01   | -0.01      |         | ppb   |
| Lead       | 208-1 | -0.01   | -0.01   | -0.02   | -0.01      |         | ppb   |
| Lithium    | 6-1   |         |         |         |            |         | %     |
| Magnesium  | 24-2  | -3.52   | -3.32   | -3.15   | -3.33      |         | ppb   |
| Manganese  | 55-2  | -0.28   | -0.24   | -0.28   | -0.26      |         | ppb   |

|                         |                     |                   |                     |
|-------------------------|---------------------|-------------------|---------------------|
| LB Number :             | LB88853             | Operator :        | Jaswal              |
| Lab Sample ID :         | CCB32               | Instrumnet Name : | P7                  |
| Client Sample ID :      | CCB32               | Dilution Factor : | 1                   |
| Date & Time Acquired :: | 2017-07-19 13:12:19 | DataFile Name :   | 024CCBE_P7071917 -M |

| Parameter  | Mass  | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|------------|-------|---------|---------|---------|------------|---------|-------|
| Molybdenum | 94-1  | 0.05    | 0.05    | 0.07    | 0.06       | 19.79   | ppb   |
| Molybdenum | 95-1  | 0.02    | 0.06    | 0.02    | 0.04       | 61.20   | ppb   |
| Molybdenum | 96-1  | 0.04    | 0.05    | 0.07    | 0.06       | 22.16   | ppb   |
| Molybdenum | 97-1  | 0.05    | 0.05    | 0.07    | 0.06       | 22.10   | ppb   |
| Molybdenum | 98-1  | 0.02    | 0.05    | 0.06    | 0.04       | 53.02   | ppb   |
| Neodymium  | 150-1 |         |         |         |            |         | cps   |
| Neodymium  | 150-2 |         |         |         |            |         | cps   |
| Nickel     | 60-2  | 0.00    | 0.07    | 0.00    | 0.02       | 167.83  | ppb   |
| Phosphorus | 31-2  | -5.20   | 13.40   | -12.09  | -1.30      |         | ppb   |
| Potassium  | 39-2  | 17.19   | 13.03   | 19.00   | 16.41      | 18.64   | ppb   |
| Rhodium    | 103-1 |         |         |         |            |         | %     |
| Rhodium    | 103-2 |         |         |         |            |         | %     |
| Scandium   | 45-1  |         |         |         |            |         | %     |
| Scandium   | 45-2  |         |         |         |            |         | %     |
| Selenium   | 77-2  | 1.98    | 0.66    | 0.00    | 0.88       | 114.46  | ppb   |
| Selenium   | 78-2  | -1.20   | -0.52   | -0.75   | -0.82      |         | ppb   |
| Selenium   | 82-1  | 0.67    | 0.50    | 0.33    | 0.50       | 34.34   | ppb   |
| Silicon    | 28-1  | -1.71   | 0.89    | 3.30    | 0.83       | 303.35  | ppb   |
| Silver     | 109-1 | 0.02    | 0.01    | 0.01    | 0.01       | 25.36   | ppb   |
| Silver     | 107-1 | 0.01    | 0.02    | 0.01    | 0.01       | 45.60   | ppb   |
| Sodium     | 23-2  | 26.81   | 28.72   | 26.02   | 27.18      | 5.10    | ppb   |
| Strontium  | 86-1  | -0.03   | 0.00    | 0.02    | 0.00       |         | ppb   |
| Strontium  | 88-1  | 0.00    | 0.00    | 0.00    | 0.00       |         | ppb   |
| Sulfur     | 34-1  | -410.18 | 140.09  | 463.47  | 64.46      | 685.26  | ppb   |
| Terbium    | 159-1 |         |         |         |            |         | %     |
| Terbium    | 159-2 |         |         |         |            |         | %     |
| Thallium   | 203-1 | 0.00    | -0.01   | -0.01   | -0.01      |         | ppb   |
| Thallium   | 205-1 | 0.00    | 0.00    | 0.00    | 0.00       |         | ppb   |
| Tin        | 118-1 | 0.12    | 0.13    | 0.16    | 0.14       | 14.67   | ppb   |
| Titanium   | 47-1  | -0.01   | -0.03   | -0.02   | -0.02      |         | ppb   |
| Uranium    | 238-1 | -0.06   | -0.06   | -0.06   | -0.06      |         | ppb   |
| Vanadium   | 51-2  | -0.03   | -0.03   | -0.03   | -0.03      |         | ppb   |
| Yttrium    | 89-1  |         |         |         |            |         | %     |
| Yttrium    | 89-2  |         |         |         |            |         | %     |
| Zinc       | 66-2  | -0.10   | 0.15    | 0.03    | 0.03       | 459.07  | ppb   |
| Zirconium  | 90-1  | 0.08    | 0.06    | 0.06    | 0.07       | 11.49   | ppb   |

|                         |                     |                   |                      |
|-------------------------|---------------------|-------------------|----------------------|
| LB Number :             | LB88853             | Operator :        | Jaswal               |
| Lab Sample ID :         | CCB32               | Instrumnet Name : | P7                   |
| Client Sample ID :      | CCB32               | Dilution Factor : | 1                    |
| Date & Time Acquired :: | 2017-07-19 13:12:19 | DataFile Name :   | 024CCBE_P7071917 -M: |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|-----------|------|---------|---------|---------|------------|---------|-------|
| Zirconium | 91-1 | 0.09    | 0.06    | 0.08    | 0.08       | 18.77   | ppb   |

|                         |                     |                   |                      |
|-------------------------|---------------------|-------------------|----------------------|
| LB Number :             | LB88853             | Operator :        | Jaswal               |
| Lab Sample ID :         | CCV33               | Instrumnet Name : | P7                   |
| Client Sample ID :      | CCV33               | Dilution Factor : | 1                    |
| Date & Time Acquired :: | 2017-07-19 13:57:04 | DataFile Name :   | 025CCV_P7071917 -MS. |

| Parameter  | Mass  | ConRep1   | ConRep2   | ConRep3   | Avg. Conc. | ConcRSD | Units |
|------------|-------|-----------|-----------|-----------|------------|---------|-------|
| Aluminium  | 27-2  | 53098.89  | 52868.60  | 51704.78  | 52557.42   | 1.42    | ppb   |
| Antimony   | 121-1 | 482.55    | 488.74    | 488.27    | 486.52     | 0.71    | ppb   |
| Arsenic    | 75-2  | 507.37    | 506.55    | 491.80    | 501.91     | 1.75    | ppb   |
| Barium     | 135-1 | 2466.49   | 2485.75   | 2491.99   | 2481.41    | 0.54    | ppb   |
| Barium     | 137-1 | 2471.04   | 2469.29   | 2489.77   | 2476.70    | 0.46    | ppb   |
| Beryllium  | 9-1   | 508.68    | 508.44    | 509.55    | 508.89     | 0.11    | ppb   |
| Bismuth    | 209-1 |           |           |           |            |         | %     |
| Bismuth    | 209-2 |           |           |           |            |         | %     |
| Boron      | 10-1  | 495.93    | 487.14    | 513.23    | 498.77     | 2.66    | ppb   |
| Boron      | 11-1  | 493.63    | 498.98    | 509.77    | 500.80     | 1.64    | ppb   |
| Cadmium    | 111-1 | 473.27    | 471.87    | 479.04    | 474.73     | 0.80    | ppb   |
| Cadmium    | 106-1 | 476.06    | 471.07    | 476.08    | 474.40     | 0.61    | ppb   |
| Cadmium    | 108-1 | 485.35    | 477.29    | 473.44    | 478.70     | 1.27    | ppb   |
| Calcium    | 43-1  | 250249.55 | 248559.82 | 251073.88 | 249961.08  | 0.51    | ppb   |
| Calcium    | 44-1  | 247785.04 | 246614.14 | 248092.71 | 247497.29  | 0.32    | ppb   |
| Chromium   | 52-2  | 520.56    | 521.40    | 506.01    | 515.99     | 1.68    | ppb   |
| Cobalt     | 59-2  | 498.52    | 499.03    | 487.66    | 495.07     | 1.30    | ppb   |
| Copper     | 63-2  | 968.25    | 973.32    | 954.54    | 965.37     | 1.01    | ppb   |
| Dysprosium | 156-1 |           |           |           |            |         | cps   |
| Dysprosium | 156-2 |           |           |           |            |         | cps   |
| Erbium     | 164-1 |           |           |           |            |         | cps   |
| Erbium     | 164-2 |           |           |           |            |         | cps   |
| Gadolinium | 160-1 |           |           |           |            |         | cps   |
| Gadolinium | 160-2 |           |           |           |            |         | cps   |
| Holmium    | 165-1 |           |           |           |            |         | %     |
| Holmium    | 165-2 |           |           |           |            |         | %     |
| Indium     | 115-1 |           |           |           |            |         | %     |
| Indium     | 115-2 |           |           |           |            |         | %     |
| Iron       | 56-2  | 128410.73 | 128442.21 | 125500.33 | 127451.09  | 1.33    | ppb   |
| Iron       | 57-2  | 129957.59 | 130253.72 | 127530.77 | 129247.36  | 1.16    | ppb   |
| Lead       | 206-1 | 520.91    | 517.22    | 519.99    | 519.37     | 0.37    | ppb   |
| Lead       | 207-1 | 512.53    | 509.27    | 510.32    | 510.71     | 0.33    | ppb   |
| Lead       | 208-1 | 521.22    | 516.32    | 515.58    | 517.71     | 0.59    | ppb   |
| Lithium    | 6-1   |           |           |           |            |         | %     |
| Magnesium  | 24-2  | 258177.58 | 258639.18 | 252976.68 | 256597.82  | 1.23    | ppb   |
| Manganese  | 55-2  | 1016.99   | 1012.05   | 995.04    | 1008.03    | 1.14    | ppb   |

|                         |                     |                   |                      |
|-------------------------|---------------------|-------------------|----------------------|
| LB Number :             | LB88853             | Operator :        | Jaswal               |
| Lab Sample ID :         | CCV33               | Instrumnet Name : | P7                   |
| Client Sample ID :      | CCV33               | Dilution Factor : | 1                    |
| Date & Time Acquired :: | 2017-07-19 13:57:04 | DataFile Name :   | 025CCV_P7071917 -MS. |

| Parameter  | Mass  | ConRep1   | ConRep2   | ConRep3   | Avg. Conc. | ConcRSD | Units |
|------------|-------|-----------|-----------|-----------|------------|---------|-------|
| Molybdenum | 94-1  | 509.10    | 500.92    | 508.34    | 506.12     | 0.89    | ppb   |
| Molybdenum | 95-1  | 513.65    | 501.71    | 509.72    | 508.36     | 1.20    | ppb   |
| Molybdenum | 96-1  | 509.56    | 495.75    | 505.89    | 503.73     | 1.42    | ppb   |
| Molybdenum | 97-1  | 511.11    | 499.25    | 507.11    | 505.82     | 1.19    | ppb   |
| Molybdenum | 98-1  | 514.37    | 506.06    | 513.72    | 511.38     | 0.90    | ppb   |
| Neodymium  | 150-1 |           |           |           |            |         | cps   |
| Neodymium  | 150-2 |           |           |           |            |         | cps   |
| Nickel     | 60-2  | 497.75    | 501.31    | 491.82    | 496.96     | 0.97    | ppb   |
| Phosphorus | 31-2  | 10310.55  | 10593.60  | 10348.12  | 10417.43   | 1.48    | ppb   |
| Potassium  | 39-2  | 128008.91 | 127472.52 | 124700.06 | 126727.16  | 1.40    | ppb   |
| Rhodium    | 103-1 |           |           |           |            |         | %     |
| Rhodium    | 103-2 |           |           |           |            |         | %     |
| Scandium   | 45-1  |           |           |           |            |         | %     |
| Scandium   | 45-2  |           |           |           |            |         | %     |
| Selenium   | 77-2  | 473.52    | 517.98    | 471.90    | 487.80     | 5.36    | ppb   |
| Selenium   | 78-2  | 505.84    | 491.82    | 478.85    | 492.17     | 2.74    | ppb   |
| Selenium   | 82-1  | 490.24    | 481.59    | 493.36    | 488.40     | 1.25    | ppb   |
| Silicon    | 28-1  | 534.87    | 537.17    | 543.81    | 538.62     | 0.86    | ppb   |
| Silver     | 109-1 | 468.17    | 469.31    | 473.61    | 470.37     | 0.61    | ppb   |
| Silver     | 107-1 | 470.23    | 470.76    | 474.30    | 471.76     | 0.47    | ppb   |
| Sodium     | 23-2  | 260789.12 | 257781.17 | 252724.56 | 257098.28  | 1.59    | ppb   |
| Strontium  | 86-1  | 519.40    | 513.53    | 522.97    | 518.63     | 0.92    | ppb   |
| Strontium  | 88-1  | 525.48    | 518.02    | 520.15    | 521.22     | 0.74    | ppb   |
| Sulfur     | 34-1  | 10670.53  | 10433.03  | 10594.51  | 10566.02   | 1.15    | ppb   |
| Terbium    | 159-1 |           |           |           |            |         | %     |
| Terbium    | 159-2 |           |           |           |            |         | %     |
| Thallium   | 203-1 | 515.21    | 510.08    | 511.27    | 512.19     | 0.52    | ppb   |
| Thallium   | 205-1 | 522.57    | 518.60    | 515.22    | 518.79     | 0.71    | ppb   |
| Tin        | 118-1 | 490.56    | 492.64    | 493.02    | 492.07     | 0.27    | ppb   |
| Titanium   | 47-1  | 511.96    | 506.12    | 509.35    | 509.14     | 0.57    | ppb   |
| Uranium    | 238-1 | 550.15    | 534.73    | 534.56    | 539.81     | 1.66    | ppb   |
| Vanadium   | 51-2  | 512.66    | 512.46    | 502.58    | 509.23     | 1.13    | ppb   |
| Yttrium    | 89-1  |           |           |           |            |         | %     |
| Yttrium    | 89-2  |           |           |           |            |         | %     |
| Zinc       | 66-2  | 973.83    | 972.25    | 967.84    | 971.31     | 0.32    | ppb   |
| Zirconium  | 90-1  | 501.12    | 495.08    | 502.45    | 499.55     | 0.79    | ppb   |

|                         |                     |                   |                      |
|-------------------------|---------------------|-------------------|----------------------|
| LB Number :             | LB88853             | Operator :        | Jaswal               |
| Lab Sample ID :         | CCV33               | Instrumnet Name : | P7                   |
| Client Sample ID :      | CCV33               | Dilution Factor : | 1                    |
| Date & Time Acquired :: | 2017-07-19 13:57:04 | DataFile Name :   | 025CCV_P7071917 -MS. |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|-----------|------|---------|---------|---------|------------|---------|-------|
| Zirconium | 91-1 | 495.39  | 493.22  | 496.87  | 495.16     | 0.37    | ppb   |



LB Number : LB88853 Operator : Jaswal  
 Lab Sample ID : CCB33 Instrumnet Name : P7  
 Client Sample ID : CCB33 Dilution Factor : 1  
 Date & Time Acquired :: 2017-07-19 14:00:31 DataFile Name : 026CCBE\_P7071917 -M:

| Parameter  | Mass  | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|------------|-------|---------|---------|---------|------------|---------|-------|
| Aluminium  | 27-2  | 0.41    | 0.54    | -0.10   | 0.28       | 119.79  | ppb   |
| Antimony   | 121-1 | 1.15    | 1.10    | 1.02    | 1.09       | 5.84    | ppb   |
| Arsenic    | 75-2  | 0.15    | 0.19    | 0.14    | 0.16       | 17.71   | ppb   |
| Barium     | 135-1 | -0.07   | -0.08   | -0.09   | -0.08      |         | ppb   |
| Barium     | 137-1 | -0.04   | -0.03   | -0.04   | -0.04      |         | ppb   |
| Beryllium  | 9-1   | 0.22    | 0.19    | 0.30    | 0.23       | 23.54   | ppb   |
| Bismuth    | 209-1 |         |         |         |            |         | %     |
| Bismuth    | 209-2 |         |         |         |            |         | %     |
| Boron      | 10-1  | 20.13   | 18.26   | 17.17   | 18.52      | 8.07    | ppb   |
| Boron      | 11-1  | 19.81   | 17.88   | 16.67   | 18.12      | 8.73    | ppb   |
| Cadmium    | 111-1 | -0.11   | -0.17   | -0.11   | -0.13      |         | ppb   |
| Cadmium    | 106-1 | -1.45   | -2.09   | -1.17   | -1.57      |         | ppb   |
| Cadmium    | 108-1 | -0.03   | -0.02   | -0.02   | -0.02      |         | ppb   |
| Calcium    | 43-1  | 0.87    | 0.88    | -0.99   | 0.25       | 427.60  | ppb   |
| Calcium    | 44-1  | -1.15   | -1.58   | -1.79   | -1.51      |         | ppb   |
| Chromium   | 52-2  | -0.02   | -0.04   | 0.02    | -0.01      |         | ppb   |
| Cobalt     | 59-2  | -0.06   | -0.05   | -0.07   | -0.06      |         | ppb   |
| Copper     | 63-2  | -0.03   | 0.06    | -0.02   | 0.00       | 1419.61 | 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  | 3.81    | 3.72    | 3.95    | 3.83       | 2.95    | ppb   |
| Iron       | 57-2  | 5.69    | 1.34    | 4.93    | 3.99       | 58.18   | ppb   |
| Lead       | 206-1 | -0.02   | -0.02   | -0.02   | -0.02      |         | ppb   |
| Lead       | 207-1 | 0.00    | 0.01    | 0.00    | 0.00       | 213.36  | ppb   |
| Lead       | 208-1 | 0.00    | -0.01   | -0.01   | -0.01      |         | ppb   |
| Lithium    | 6-1   |         |         |         |            |         | %     |
| Magnesium  | 24-2  | -4.50   | -5.08   | -3.69   | -4.42      |         | ppb   |
| Manganese  | 55-2  | -0.28   | -0.32   | -0.30   | -0.30      |         | ppb   |

|                         |                     |                   |                      |
|-------------------------|---------------------|-------------------|----------------------|
| LB Number :             | LB88853             | Operator :        | Jaswal               |
| Lab Sample ID :         | CCB33               | Instrumnet Name : | P7                   |
| Client Sample ID :      | CCB33               | Dilution Factor : | 1                    |
| Date & Time Acquired :: | 2017-07-19 14:00:31 | DataFile Name :   | 026CCBE_P7071917 -M: |

| Parameter  | Mass  | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|------------|-------|---------|---------|---------|------------|---------|-------|
| Molybdenum | 94-1  | 0.22    | 0.28    | 0.18    | 0.23       | 21.00   | ppb   |
| Molybdenum | 95-1  | 0.28    | 0.23    | 0.30    | 0.27       | 13.90   | ppb   |
| Molybdenum | 96-1  | 0.30    | 0.26    | 0.25    | 0.27       | 9.73    | ppb   |
| Molybdenum | 97-1  | 0.29    | 0.27    | 0.26    | 0.28       | 6.14    | ppb   |
| Molybdenum | 98-1  | 0.33    | 0.28    | 0.26    | 0.29       | 12.16   | ppb   |
| Neodymium  | 150-1 |         |         |         |            |         | cps   |
| Neodymium  | 150-2 |         |         |         |            |         | cps   |
| Nickel     | 60-2  | -0.05   | -0.11   | -0.05   | -0.07      |         | ppb   |
| Phosphorus | 31-2  | -10.86  | 6.32    | -0.55   | -1.70      |         | ppb   |
| Potassium  | 39-2  | 8.04    | 7.40    | 8.53    | 7.99       | 7.08    | ppb   |
| Rhodium    | 103-1 |         |         |         |            |         | %     |
| Rhodium    | 103-2 |         |         |         |            |         | %     |
| Scandium   | 45-1  |         |         |         |            |         | %     |
| Scandium   | 45-2  |         |         |         |            |         | %     |
| Selenium   | 77-2  | 0.65    | 0.64    | 0.00    | 0.43       | 86.61   | ppb   |
| Selenium   | 78-2  | -1.59   | -0.55   | -0.53   | -0.89      |         | ppb   |
| Selenium   | 82-1  | 0.35    | 0.88    | 1.27    | 0.83       | 55.51   | ppb   |
| Silicon    | 28-1  | 1.17    | 1.37    | 1.56    | 1.37       | 14.53   | ppb   |
| Silver     | 109-1 | 0.02    | 0.02    | 0.03    | 0.02       | 29.84   | ppb   |
| Silver     | 107-1 | 0.02    | 0.02    | 0.02    | 0.02       | 21.17   | ppb   |
| Sodium     | 23-2  | 23.89   | 26.52   | 22.78   | 24.40      | 7.88    | ppb   |
| Strontium  | 86-1  | 0.00    | 0.02    | 0.03    | 0.01       | 121.43  | ppb   |
| Strontium  | 88-1  | 0.00    | 0.00    | 0.00    | 0.00       | 120.14  | ppb   |
| Sulfur     | 34-1  | -65.17  | 50.53   | -86.10  | -33.58     |         | ppb   |
| Terbium    | 159-1 |         |         |         |            |         | %     |
| Terbium    | 159-2 |         |         |         |            |         | %     |
| Thallium   | 203-1 | 0.15    | 0.11    | 0.10    | 0.12       | 23.52   | ppb   |
| Thallium   | 205-1 | 0.17    | 0.13    | 0.11    | 0.13       | 22.43   | ppb   |
| Tin        | 118-1 | 0.48    | 0.47    | 0.34    | 0.43       | 17.53   | ppb   |
| Titanium   | 47-1  | -0.01   | -0.04   | -0.01   | -0.02      |         | ppb   |
| Uranium    | 238-1 | -0.05   | -0.05   | -0.05   | -0.05      |         | ppb   |
| Vanadium   | 51-2  | -0.01   | -0.03   | -0.02   | -0.02      |         | ppb   |
| Yttrium    | 89-1  |         |         |         |            |         | %     |
| Yttrium    | 89-2  |         |         |         |            |         | %     |
| Zinc       | 66-2  | 0.01    | -0.03   | 0.02    | 0.00       | 3780.32 | ppb   |
| Zirconium  | 90-1  | 0.16    | 0.17    | 0.18    | 0.17       | 6.19    | ppb   |

|                         |                     |                   |                      |
|-------------------------|---------------------|-------------------|----------------------|
| LB Number :             | LB88853             | Operator :        | Jaswal               |
| Lab Sample ID :         | CCB33               | Instrumnet Name : | P7                   |
| Client Sample ID :      | CCB33               | Dilution Factor : | 1                    |
| Date & Time Acquired :: | 2017-07-19 14:00:31 | DataFile Name :   | 026CCBE_P7071917 -M: |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|-----------|------|---------|---------|---------|------------|---------|-------|
| Zirconium | 91-1 | 0.20    | 0.15    | 0.18    | 0.18       | 14.06   | ppb   |

|                         |                     |                   |                     |
|-------------------------|---------------------|-------------------|---------------------|
| LB Number :             | LB88853             | Operator :        | Jaswal              |
| Lab Sample ID :         | I4255-01            | Instrumnet Name : | P7                  |
| Client Sample ID :      | MH0CC0              | Dilution Factor : | 1                   |
| Date & Time Acquired :: | 2017-07-19 14:03:59 | DataFile Name :   | 027SMPL_P7071917 -M |

| Parameter  | Mass  | ConRep1   | ConRep2   | ConRep3   | Avg. Conc. | ConcRSD | Units |
|------------|-------|-----------|-----------|-----------|------------|---------|-------|
| Aluminium  | 27-2  | 26.53     | 25.49     | 29.72     | 27.25      | 8.08    | ppb   |
| Antimony   | 121-1 | 0.56      | 0.57      | 0.62      | 0.58       | 5.05    | ppb   |
| Arsenic    | 75-2  | 7.91      | 7.81      | 8.71      | 8.14       | 6.07    | ppb   |
| Barium     | 135-1 | 75.52     | 74.14     | 74.46     | 74.71      | 0.97    | ppb   |
| Barium     | 137-1 | 76.94     | 74.75     | 75.06     | 75.59      | 1.56    | ppb   |
| Beryllium  | 9-1   | 0.18      | 0.17      | 0.21      | 0.19       | 12.71   | ppb   |
| Bismuth    | 209-1 |           |           |           |            |         | %     |
| Bismuth    | 209-2 |           |           |           |            |         | %     |
| Boron      | 10-1  | 52.81     | 58.84     | 55.34     | 55.66      | 5.44    | ppb   |
| Boron      | 11-1  | 53.93     | 55.87     | 56.63     | 55.48      | 2.51    | ppb   |
| Cadmium    | 111-1 | 0.03      | 0.00      | -0.01     | 0.01       | 238.36  | ppb   |
| Cadmium    | 106-1 | 2.05      | 0.99      | 0.90      | 1.31       | 48.60   | ppb   |
| Cadmium    | 108-1 | 3.90      | 3.48      | 3.31      | 3.56       | 8.58    | ppb   |
| Calcium    | 43-1  | 240087.11 | 236296.11 | 238456.59 | 238279.94  | 0.80    | ppb   |
| Calcium    | 44-1  | 238542.46 | 237363.84 | 236908.21 | 237604.84  | 0.35    | ppb   |
| Chromium   | 52-2  | 0.30      | 0.34      | 0.32      | 0.32       | 5.03    | ppb   |
| Cobalt     | 59-2  | 75.94     | 75.40     | 80.96     | 77.43      | 3.96    | ppb   |
| Copper     | 63-2  | 1.25      | 1.29      | 1.35      | 1.30       | 3.60    | 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  | 3163.89   | 3156.61   | 3360.20   | 3226.90    | 3.58    | ppb   |
| Iron       | 57-2  | 3365.81   | 3352.39   | 3616.44   | 3444.88    | 4.32    | ppb   |
| Lead       | 206-1 | 0.12      | 0.07      | 0.11      | 0.10       | 24.88   | ppb   |
| Lead       | 207-1 | 0.10      | 0.07      | 0.08      | 0.08       | 19.13   | ppb   |
| Lead       | 208-1 | 0.12      | 0.08      | 0.09      | 0.10       | 21.14   | ppb   |
| Lithium    | 6-1   |           |           |           |            |         | %     |
| Magnesium  | 24-2  | 51450.03  | 51049.45  | 54577.47  | 52358.98   | 3.69    | ppb   |
| Manganese  | 55-2  | 65063.11  | 64456.48  | 69219.32  | 66246.30   | 3.91    | ppb   |

|                         |                     |                   |                     |
|-------------------------|---------------------|-------------------|---------------------|
| LB Number :             | LB88853             | Operator :        | Jaswal              |
| Lab Sample ID :         | I4255-01            | Instrumnet Name : | P7                  |
| Client Sample ID :      | MH0CC0              | Dilution Factor : | 1                   |
| Date & Time Acquired :: | 2017-07-19 14:03:59 | DataFile Name :   | 027SMPL_P7071917 -M |

| Parameter  | Mass  | ConRep1   | ConRep2   | ConRep3   | Avg. Conc. | ConcRSD | Units |
|------------|-------|-----------|-----------|-----------|------------|---------|-------|
| Molybdenum | 94-1  | 1.43      | 1.26      | 1.17      | 1.28       | 10.35   | ppb   |
| Molybdenum | 95-1  | 1.46      | 1.68      | 1.62      | 1.59       | 7.10    | ppb   |
| Molybdenum | 96-1  | 0.63      | 0.59      | 0.56      | 0.59       | 6.32    | ppb   |
| Molybdenum | 97-1  | 0.32      | 0.42      | 0.48      | 0.41       | 19.80   | ppb   |
| Molybdenum | 98-1  | 0.34      | 0.39      | 0.38      | 0.37       | 7.32    | ppb   |
| Neodymium  | 150-1 |           |           |           |            |         | cps   |
| Neodymium  | 150-2 |           |           |           |            |         | cps   |
| Nickel     | 60-2  | 27.46     | 27.52     | 30.37     | 28.45      | 5.84    | ppb   |
| Phosphorus | 31-2  | 262.88    | 272.56    | 230.41    | 255.28     | 8.65    | ppb   |
| Potassium  | 39-2  | 7921.27   | 7882.65   | 8401.92   | 8068.62    | 3.59    | ppb   |
| Rhodium    | 103-1 |           |           |           |            |         | %     |
| Rhodium    | 103-2 |           |           |           |            |         | %     |
| Scandium   | 45-1  |           |           |           |            |         | %     |
| Scandium   | 45-2  |           |           |           |            |         | %     |
| Selenium   | 77-2  | 0.00      | 0.60      | 1.29      | 0.63       | 102.30  | ppb   |
| Selenium   | 78-2  | -0.97     | -1.27     | -1.06     | -1.10      |         | ppb   |
| Selenium   | 82-1  | 1.42      | 1.67      | 2.33      | 1.81       | 26.05   | ppb   |
| Silicon    | 28-1  | 8549.97   | 8512.50   | 8505.98   | 8522.82    | 0.28    | ppb   |
| Silver     | 109-1 | 0.14      | 0.17      | 0.18      | 0.16       | 12.19   | ppb   |
| Silver     | 107-1 | 0.16      | 0.18      | 0.21      | 0.18       | 14.47   | ppb   |
| Sodium     | 23-2  | 18596.28  | 18499.37  | 19635.31  | 18910.32   | 3.33    | ppb   |
| Strontium  | 86-1  | 693.14    | 693.47    | 690.70    | 692.44     | 0.22    | ppb   |
| Strontium  | 88-1  | 698.70    | 706.35    | 697.21    | 700.75     | 0.70    | ppb   |
| Sulfur     | 34-1  | 235425.32 | 234891.99 | 236223.63 | 235513.65  | 0.28    | ppb   |
| Terbium    | 159-1 |           |           |           |            |         | %     |
| Terbium    | 159-2 |           |           |           |            |         | %     |
| Thallium   | 203-1 | 0.16      | 0.15      | 0.10      | 0.14       | 21.67   | ppb   |
| Thallium   | 205-1 | 0.16      | 0.12      | 0.10      | 0.13       | 22.69   | ppb   |
| Tin        | 118-1 | 0.12      | 0.10      | 0.09      | 0.10       | 12.03   | ppb   |
| Titanium   | 47-1  | 4.51      | 4.25      | 4.24      | 4.33       | 3.51    | ppb   |
| Uranium    | 238-1 | 0.07      | 0.07      | 0.06      | 0.07       | 6.77    | ppb   |
| Vanadium   | 51-2  | 0.30      | 0.30      | 0.32      | 0.31       | 3.66    | ppb   |
| Yttrium    | 89-1  |           |           |           |            |         | %     |
| Yttrium    | 89-2  |           |           |           |            |         | %     |
| Zinc       | 66-2  | 8706.88   | 8670.04   | 9326.85   | 8901.26    | 4.15    | ppb   |
| Zirconium  | 90-1  | 1.90      | 1.65      | 1.50      | 1.68       | 11.96   | ppb   |

|                         |                     |                   |                     |
|-------------------------|---------------------|-------------------|---------------------|
| LB Number :             | LB88853             | Operator :        | Jaswal              |
| Lab Sample ID :         | I4255-01            | Instrumnet Name : | P7                  |
| Client Sample ID :      | MH0CC0              | Dilution Factor : | 1                   |
| Date & Time Acquired :: | 2017-07-19 14:03:59 | DataFile Name :   | 027SMPL_P7071917 -M |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|-----------|------|---------|---------|---------|------------|---------|-------|
| Zirconium | 91-1 | 1.96    | 1.80    | 1.46    | 1.74       | 14.87   | ppb   |

|                         |                     |                   |                     |
|-------------------------|---------------------|-------------------|---------------------|
| LB Number :             | LB88853             | Operator :        | Jaswal              |
| Lab Sample ID :         | I4255-02            | Instrumnet Name : | P7                  |
| Client Sample ID :      | MH0CC1              | Dilution Factor : | 1                   |
| Date & Time Acquired :: | 2017-07-19 14:07:23 | DataFile Name :   | 028SMPL_P7071917 -M |

| Parameter  | Mass  | ConRep1   | ConRep2   | ConRep3   | Avg. Conc. | ConcRSD | Units |
|------------|-------|-----------|-----------|-----------|------------|---------|-------|
| Aluminium  | 27-2  | 16993.96  | 16920.33  | 17024.10  | 16979.46   | 0.31    | ppb   |
| Antimony   | 121-1 | 0.81      | 0.86      | 0.81      | 0.83       | 3.58    | ppb   |
| Arsenic    | 75-2  | 71.47     | 72.98     | 73.43     | 72.63      | 1.41    | ppb   |
| Barium     | 135-1 | 12.96     | 13.71     | 13.63     | 13.43      | 3.05    | ppb   |
| Barium     | 137-1 | 13.45     | 13.73     | 13.80     | 13.66      | 1.35    | ppb   |
| Beryllium  | 9-1   | 11.61     | 11.24     | 11.27     | 11.37      | 1.80    | ppb   |
| Bismuth    | 209-1 |           |           |           |            |         | %     |
| Bismuth    | 209-2 |           |           |           |            |         | %     |
| Boron      | 10-1  | 33.78     | 34.88     | 36.34     | 35.00      | 3.67    | ppb   |
| Boron      | 11-1  | 36.86     | 37.51     | 36.45     | 36.94      | 1.44    | ppb   |
| Cadmium    | 111-1 | 484.43    | 492.98    | 481.56    | 486.32     | 1.22    | ppb   |
| Cadmium    | 106-1 | 453.12    | 462.49    | 444.49    | 453.36     | 1.99    | ppb   |
| Cadmium    | 108-1 | 465.43    | 472.99    | 473.03    | 470.48     | 0.93    | ppb   |
| Calcium    | 43-1  | 248449.77 | 249459.46 | 250755.22 | 249554.82  | 0.46    | ppb   |
| Calcium    | 44-1  | 247102.64 | 248301.57 | 247767.05 | 247723.75  | 0.24    | ppb   |
| Chromium   | 52-2  | 1.68      | 1.63      | 1.51      | 1.60       | 5.45    | ppb   |
| Cobalt     | 59-2  | 717.98    | 721.34    | 726.80    | 722.04     | 0.62    | ppb   |
| Copper     | 63-2  | 4458.08   | 4439.28   | 4473.21   | 4456.86    | 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  | 30056.05  | 30272.84  | 30384.44  | 30237.77   | 0.55    | ppb   |
| Iron       | 57-2  | 29769.63  | 29796.30  | 29894.52  | 29820.15   | 0.22    | ppb   |
| Lead       | 206-1 | 34.20     | 33.72     | 34.35     | 34.09      | 0.98    | ppb   |
| Lead       | 207-1 | 31.85     | 31.86     | 32.10     | 31.94      | 0.44    | ppb   |
| Lead       | 208-1 | 33.20     | 33.13     | 33.45     | 33.26      | 0.51    | ppb   |
| Lithium    | 6-1   |           |           |           |            |         | %     |
| Magnesium  | 24-2  | 101020.97 | 99879.99  | 100602.45 | 100501.14  | 0.57    | ppb   |
| Manganese  | 55-2  | 132939.76 | 131639.92 | 132423.46 | 132334.38  | 0.49    | ppb   |

|                         |                     |                   |                     |
|-------------------------|---------------------|-------------------|---------------------|
| LB Number :             | LB88853             | Operator :        | Jaswal              |
| Lab Sample ID :         | I4255-02            | Instrumnet Name : | P7                  |
| Client Sample ID :      | MH0CC1              | Dilution Factor : | 1                   |
| Date & Time Acquired :: | 2017-07-19 14:07:23 | DataFile Name :   | 028SMPL_P7071917 -M |

| Parameter  | Mass  | ConRep1   | ConRep2   | ConRep3   | Avg. Conc. | ConcRSD | Units |
|------------|-------|-----------|-----------|-----------|------------|---------|-------|
| Molybdenum | 94-1  | 0.08      | 0.08      | 0.08      | 0.08       | 2.43    | ppb   |
| Molybdenum | 95-1  | 0.76      | 0.76      | 0.78      | 0.77       | 1.02    | ppb   |
| Molybdenum | 96-1  | 0.05      | 0.04      | 0.06      | 0.05       | 16.21   | ppb   |
| Molybdenum | 97-1  | -0.02     | -0.02     | -0.01     | -0.01      |         | ppb   |
| Molybdenum | 98-1  | -0.02     | -0.02     | -0.01     | -0.02      |         | ppb   |
| Neodymium  | 150-1 |           |           |           |            |         | cps   |
| Neodymium  | 150-2 |           |           |           |            |         | cps   |
| Nickel     | 60-2  | 252.74    | 253.39    | 253.34    | 253.16     | 0.14    | ppb   |
| Phosphorus | 31-2  | 7.83      | 7.83      | -10.91    | 1.58       | 683.79  | ppb   |
| Potassium  | 39-2  | 9563.77   | 9499.92   | 9471.87   | 9511.86    | 0.50    | ppb   |
| Rhodium    | 103-1 |           |           |           |            |         | %     |
| Rhodium    | 103-2 |           |           |           |            |         | %     |
| Scandium   | 45-1  |           |           |           |            |         | %     |
| Scandium   | 45-2  |           |           |           |            |         | %     |
| Selenium   | 77-2  | 110.72    | 112.56    | 121.52    | 114.93     | 5.02    | ppb   |
| Selenium   | 78-2  | 16.53     | 16.59     | 16.49     | 16.54      | 0.29    | ppb   |
| Selenium   | 82-1  | 4.10      | 4.11      | 4.84      | 4.35       | 9.71    | ppb   |
| Silicon    | 28-1  | 6930.67   | 6978.90   | 6931.89   | 6947.15    | 0.40    | ppb   |
| Silver     | 109-1 | 0.30      | 0.34      | 0.37      | 0.34       | 9.99    | ppb   |
| Silver     | 107-1 | 0.38      | 0.45      | 0.48      | 0.44       | 12.14   | ppb   |
| Sodium     | 23-2  | 33561.05  | 33241.79  | 33585.31  | 33462.72   | 0.57    | ppb   |
| Strontium  | 86-1  | 300.93    | 302.36    | 305.53    | 302.94     | 0.78    | ppb   |
| Strontium  | 88-1  | 301.85    | 303.98    | 307.69    | 304.51     | 0.97    | ppb   |
| Sulfur     | 34-1  | 484822.86 | 486658.63 | 492697.88 | 488059.79  | 0.84    | ppb   |
| Terbium    | 159-1 |           |           |           |            |         | %     |
| Terbium    | 159-2 |           |           |           |            |         | %     |
| Thallium   | 203-1 | 0.27      | 0.24      | 0.24      | 0.25       | 6.60    | ppb   |
| Thallium   | 205-1 | 0.27      | 0.26      | 0.26      | 0.26       | 2.31    | ppb   |
| Tin        | 118-1 | 0.01      | 0.02      | 0.04      | 0.02       | 56.98   | ppb   |
| Titanium   | 47-1  | 0.97      | 0.67      | 0.69      | 0.77       | 21.97   | ppb   |
| Uranium    | 238-1 | 99.54     | 101.26    | 100.52    | 100.44     | 0.86    | ppb   |
| Vanadium   | 51-2  | 0.10      | 0.10      | 0.09      | 0.10       | 5.01    | ppb   |
| Yttrium    | 89-1  |           |           |           |            |         | %     |
| Yttrium    | 89-2  |           |           |           |            |         | %     |
| Zinc       | 66-2  | 107181.31 | 106543.33 | 107685.42 | 107136.69  | 0.53    | ppb   |
| Zirconium  | 90-1  | 0.11      | 0.13      | 0.10      | 0.12       | 13.08   | ppb   |



|                         |                     |                   |                     |
|-------------------------|---------------------|-------------------|---------------------|
| LB Number :             | LB88853             | Operator :        | Jaswal              |
| Lab Sample ID :         | I4255-02            | Instrumnet Name : | P7                  |
| Client Sample ID :      | MH0CC1              | Dilution Factor : | 1                   |
| Date & Time Acquired :: | 2017-07-19 14:07:23 | DataFile Name :   | 028SMPL_P7071917 -M |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|-----------|------|---------|---------|---------|------------|---------|-------|
| Zirconium | 91-1 | 0.15    | 0.14    | 0.13    | 0.14       | 6.46    | ppb   |

|                         |                     |                   |                     |
|-------------------------|---------------------|-------------------|---------------------|
| LB Number :             | LB88853             | Operator :        | Jaswal              |
| Lab Sample ID :         | I4255-03            | Instrumnet Name : | P7                  |
| Client Sample ID :      | MH0CC4              | Dilution Factor : | 1                   |
| Date & Time Acquired :: | 2017-07-19 14:10:47 | DataFile Name :   | 029SMPL_P7071917 -M |

| Parameter  | Mass  | ConRep1   | ConRep2   | ConRep3   | Avg. Conc. | ConcRSD | Units |
|------------|-------|-----------|-----------|-----------|------------|---------|-------|
| Aluminium  | 27-2  | 39253.76  | 39248.85  | 39375.77  | 39292.79   | 0.18    | ppb   |
| Antimony   | 121-1 | 3.58      | 3.72      | 3.64      | 3.65       | 1.89    | ppb   |
| Arsenic    | 75-2  | 235.92    | 234.63    | 234.70    | 235.08     | 0.31    | ppb   |
| Barium     | 135-1 | 15.36     | 15.33     | 15.70     | 15.46      | 1.33    | ppb   |
| Barium     | 137-1 | 15.45     | 15.52     | 15.82     | 15.60      | 1.24    | ppb   |
| Beryllium  | 9-1   | 13.70     | 13.68     | 14.02     | 13.80      | 1.37    | ppb   |
| Bismuth    | 209-1 |           |           |           |            |         | %     |
| Bismuth    | 209-2 |           |           |           |            |         | %     |
| Boron      | 10-1  | 17.40     | 15.78     | 15.15     | 16.11      | 7.21    | ppb   |
| Boron      | 11-1  | 16.63     | 16.17     | 17.00     | 16.60      | 2.49    | ppb   |
| Cadmium    | 111-1 | 219.80    | 219.51    | 219.85    | 219.72     | 0.08    | ppb   |
| Cadmium    | 106-1 | 213.35    | 214.23    | 210.39    | 212.66     | 0.95    | ppb   |
| Cadmium    | 108-1 | 204.98    | 205.32    | 210.05    | 206.78     | 1.37    | ppb   |
| Calcium    | 43-1  | 109396.53 | 108880.49 | 108308.70 | 108861.91  | 0.50    | ppb   |
| Calcium    | 44-1  | 108014.82 | 108583.17 | 108031.68 | 108209.89  | 0.30    | ppb   |
| Chromium   | 52-2  | 4.68      | 4.83      | 4.59      | 4.70       | 2.58    | ppb   |
| Cobalt     | 59-2  | 132.23    | 132.15    | 131.85    | 132.08     | 0.15    | ppb   |
| Copper     | 63-2  | 1747.76   | 1754.20   | 1741.05   | 1747.67    | 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  | 8858.22   | 8809.48   | 8793.24   | 8820.31    | 0.38    | ppb   |
| Iron       | 57-2  | 8838.17   | 8850.61   | 8760.64   | 8816.47    | 0.55    | ppb   |
| Lead       | 206-1 | 139.91    | 138.78    | 138.23    | 138.97     | 0.62    | ppb   |
| Lead       | 207-1 | 130.65    | 130.03    | 128.99    | 129.89     | 0.65    | ppb   |
| Lead       | 208-1 | 136.43    | 135.52    | 135.18    | 135.71     | 0.48    | ppb   |
| Lithium    | 6-1   |           |           |           |            |         | %     |
| Magnesium  | 24-2  | 47220.30  | 46796.59  | 47223.34  | 47080.08   | 0.52    | ppb   |
| Manganese  | 55-2  | 63251.02  | 63430.23  | 63161.84  | 63281.03   | 0.22    | ppb   |

|                         |                     |                   |                     |
|-------------------------|---------------------|-------------------|---------------------|
| LB Number :             | LB88853             | Operator :        | Jaswal              |
| Lab Sample ID :         | I4255-03            | Instrumnet Name : | P7                  |
| Client Sample ID :      | MH0CC4              | Dilution Factor : | 1                   |
| Date & Time Acquired :: | 2017-07-19 14:10:47 | DataFile Name :   | 029SMPL_P7071917 -M |

| Parameter  | Mass  | ConRep1   | ConRep2   | ConRep3   | Avg. Conc. | ConcRSD | Units |
|------------|-------|-----------|-----------|-----------|------------|---------|-------|
| Molybdenum | 94-1  | 0.26      | 0.27      | 0.27      | 0.27       | 1.95    | ppb   |
| Molybdenum | 95-1  | 0.40      | 0.37      | 0.40      | 0.39       | 5.04    | ppb   |
| Molybdenum | 96-1  | 0.07      | 0.07      | 0.08      | 0.07       | 7.58    | ppb   |
| Molybdenum | 97-1  | -0.02     | -0.01     | -0.01     | -0.01      |         | ppb   |
| Molybdenum | 98-1  | -0.02     | -0.02     | -0.02     | -0.02      |         | ppb   |
| Neodymium  | 150-1 |           |           |           |            |         | cps   |
| Neodymium  | 150-2 |           |           |           |            |         | cps   |
| Nickel     | 60-2  | 90.94     | 89.88     | 89.74     | 90.19      | 0.73    | ppb   |
| Phosphorus | 31-2  | 60.54     | 53.57     | 52.61     | 55.57      | 7.78    | ppb   |
| Potassium  | 39-2  | 5023.76   | 5056.67   | 5071.88   | 5050.77    | 0.49    | ppb   |
| Rhodium    | 103-1 |           |           |           |            |         | %     |
| Rhodium    | 103-2 |           |           |           |            |         | %     |
| Scandium   | 45-1  |           |           |           |            |         | %     |
| Scandium   | 45-2  |           |           |           |            |         | %     |
| Selenium   | 77-2  | 137.83    | 138.93    | 127.13    | 134.63     | 4.84    | ppb   |
| Selenium   | 78-2  | 19.00     | 19.43     | 18.86     | 19.10      | 1.54    | ppb   |
| Selenium   | 82-1  | 4.04      | 3.98      | 4.55      | 4.19       | 7.43    | ppb   |
| Silicon    | 28-1  | 8794.06   | 8808.21   | 8755.87   | 8786.05    | 0.31    | ppb   |
| Silver     | 109-1 | 0.64      | 0.66      | 0.75      | 0.68       | 8.90    | ppb   |
| Silver     | 107-1 | 0.69      | 0.79      | 0.73      | 0.74       | 7.17    | ppb   |
| Sodium     | 23-2  | 14473.42  | 14350.71  | 14260.45  | 14361.52   | 0.74    | ppb   |
| Strontium  | 86-1  | 118.38    | 119.55    | 118.28    | 118.74     | 0.60    | ppb   |
| Strontium  | 88-1  | 119.28    | 120.27    | 120.13    | 119.90     | 0.45    | ppb   |
| Sulfur     | 34-1  | 270417.16 | 272089.57 | 270554.88 | 271020.53  | 0.34    | ppb   |
| Terbium    | 159-1 |           |           |           |            |         | %     |
| Terbium    | 159-2 |           |           |           |            |         | %     |
| Thallium   | 203-1 | 0.05      | 0.05      | 0.09      | 0.06       | 35.65   | ppb   |
| Thallium   | 205-1 | 0.07      | 0.07      | 0.07      | 0.07       | 2.48    | ppb   |
| Tin        | 118-1 | -0.03     | -0.02     | -0.02     | -0.02      |         | ppb   |
| Titanium   | 47-1  | 1.16      | 1.10      | 1.17      | 1.15       | 3.44    | ppb   |
| Uranium    | 238-1 | 96.56     | 97.45     | 96.81     | 96.94      | 0.47    | ppb   |
| Vanadium   | 51-2  | 0.05      | 0.04      | 0.03      | 0.04       | 24.00   | ppb   |
| Yttrium    | 89-1  |           |           |           |            |         | %     |
| Yttrium    | 89-2  |           |           |           |            |         | %     |
| Zinc       | 66-2  | 34927.61  | 34875.27  | 34765.16  | 34856.01   | 0.24    | ppb   |
| Zirconium  | 90-1  | 0.37      | 0.39      | 0.39      | 0.39       | 3.56    | ppb   |

|                         |                     |                   |                     |
|-------------------------|---------------------|-------------------|---------------------|
| LB Number :             | LB88853             | Operator :        | Jaswal              |
| Lab Sample ID :         | I4255-03            | Instrumnet Name : | P7                  |
| Client Sample ID :      | MH0CC4              | Dilution Factor : | 1                   |
| Date & Time Acquired :: | 2017-07-19 14:10:47 | DataFile Name :   | 029SMPL_P7071917 -M |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|-----------|------|---------|---------|---------|------------|---------|-------|
| Zirconium | 91-1 | 0.47    | 0.44    | 0.39    | 0.43       | 8.98    | ppb   |

|                         |                     |                   |                     |
|-------------------------|---------------------|-------------------|---------------------|
| LB Number :             | LB88853             | Operator :        | Jaswal              |
| Lab Sample ID :         | I4255-04            | Instrumnet Name : | P7                  |
| Client Sample ID :      | MH0CC4D             | Dilution Factor : | 1                   |
| Date & Time Acquired :: | 2017-07-19 14:14:11 | DataFile Name :   | 030SMPL_P7071917 -M |

| Parameter  | Mass  | ConRep1   | ConRep2   | ConRep3   | Avg. Conc. | ConcRSD | Units |
|------------|-------|-----------|-----------|-----------|------------|---------|-------|
| Aluminium  | 27-2  | 39067.19  | 39151.60  | 38962.03  | 39060.28   | 0.24    | ppb   |
| Antimony   | 121-1 | 3.57      | 3.78      | 3.73      | 3.69       | 2.85    | ppb   |
| Arsenic    | 75-2  | 236.11    | 234.68    | 235.30    | 235.36     | 0.30    | ppb   |
| Barium     | 135-1 | 15.10     | 16.33     | 15.33     | 15.59      | 4.21    | ppb   |
| Barium     | 137-1 | 15.56     | 16.41     | 15.55     | 15.84      | 3.12    | ppb   |
| Beryllium  | 9-1   | 13.47     | 14.02     | 14.12     | 13.87      | 2.52    | ppb   |
| Bismuth    | 209-1 |           |           |           |            |         | %     |
| Bismuth    | 209-2 |           |           |           |            |         | %     |
| Boron      | 10-1  | 13.06     | 15.50     | 14.84     | 14.47      | 8.71    | ppb   |
| Boron      | 11-1  | 16.08     | 16.10     | 15.29     | 15.82      | 2.92    | ppb   |
| Cadmium    | 111-1 | 216.02    | 232.55    | 220.41    | 222.99     | 3.84    | ppb   |
| Cadmium    | 106-1 | 208.51    | 220.53    | 208.23    | 212.42     | 3.31    | ppb   |
| Cadmium    | 108-1 | 212.96    | 221.64    | 210.96    | 215.19     | 2.64    | ppb   |
| Calcium    | 43-1  | 108811.75 | 118409.66 | 111796.44 | 113005.95  | 4.35    | ppb   |
| Calcium    | 44-1  | 107336.12 | 118231.38 | 110784.19 | 112117.23  | 4.97    | ppb   |
| Chromium   | 52-2  | 4.89      | 4.89      | 4.79      | 4.86       | 1.12    | ppb   |
| Cobalt     | 59-2  | 132.70    | 132.88    | 132.03    | 132.54     | 0.34    | ppb   |
| Copper     | 63-2  | 1743.88   | 1764.03   | 1749.38   | 1752.43    | 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  | 8861.35   | 8860.49   | 8766.37   | 8829.41    | 0.62    | ppb   |
| Iron       | 57-2  | 8802.59   | 8869.76   | 8771.32   | 8814.55    | 0.57    | ppb   |
| Lead       | 206-1 | 140.30    | 151.94    | 140.30    | 144.18     | 4.66    | ppb   |
| Lead       | 207-1 | 131.30    | 141.80    | 130.90    | 134.66     | 4.59    | ppb   |
| Lead       | 208-1 | 136.95    | 147.88    | 136.88    | 140.57     | 4.51    | ppb   |
| Lithium    | 6-1   |           |           |           |            |         | %     |
| Magnesium  | 24-2  | 47019.20  | 47132.72  | 46642.46  | 46931.46   | 0.55    | ppb   |
| Manganese  | 55-2  | 63495.45  | 63626.60  | 63195.06  | 63439.04   | 0.35    | ppb   |

|                         |                     |                   |                     |
|-------------------------|---------------------|-------------------|---------------------|
| LB Number :             | LB88853             | Operator :        | Jaswal              |
| Lab Sample ID :         | I4255-04            | Instrumnet Name : | P7                  |
| Client Sample ID :      | MH0CC4D             | Dilution Factor : | 1                   |
| Date & Time Acquired :: | 2017-07-19 14:14:11 | DataFile Name :   | 030SMPL_P7071917 -M |

| Parameter  | Mass  | ConRep1   | ConRep2   | ConRep3   | Avg. Conc. | ConcRSD | Units |
|------------|-------|-----------|-----------|-----------|------------|---------|-------|
| Molybdenum | 94-1  | 0.27      | 0.26      | 0.26      | 0.26       | 2.95    | ppb   |
| Molybdenum | 95-1  | 0.43      | 0.44      | 0.40      | 0.42       | 4.65    | ppb   |
| Molybdenum | 96-1  | 0.06      | 0.07      | 0.06      | 0.06       | 8.50    | ppb   |
| Molybdenum | 97-1  | -0.02     | -0.02     | -0.01     | -0.01      |         | ppb   |
| Molybdenum | 98-1  | -0.03     | -0.02     | -0.03     | -0.03      |         | ppb   |
| Neodymium  | 150-1 |           |           |           |            |         | cps   |
| Neodymium  | 150-2 |           |           |           |            |         | cps   |
| Nickel     | 60-2  | 90.01     | 91.08     | 90.74     | 90.61      | 0.60    | ppb   |
| Phosphorus | 31-2  | 58.84     | 45.14     | 28.17     | 44.05      | 34.89   | ppb   |
| Potassium  | 39-2  | 5045.38   | 5077.34   | 5019.56   | 5047.43    | 0.57    | ppb   |
| Rhodium    | 103-1 |           |           |           |            |         | %     |
| Rhodium    | 103-2 |           |           |           |            |         | %     |
| Scandium   | 45-1  |           |           |           |            |         | %     |
| Scandium   | 45-2  |           |           |           |            |         | %     |
| Selenium   | 77-2  | 134.34    | 145.73    | 140.67    | 140.25     | 4.07    | ppb   |
| Selenium   | 78-2  | 18.46     | 19.11     | 19.79     | 19.12      | 3.50    | ppb   |
| Selenium   | 82-1  | 4.09      | 4.04      | 3.92      | 4.01       | 2.10    | ppb   |
| Silicon    | 28-1  | 8687.32   | 9541.52   | 9017.22   | 9082.02    | 4.74    | ppb   |
| Silver     | 109-1 | 0.63      | 0.66      | 0.70      | 0.66       | 4.61    | ppb   |
| Silver     | 107-1 | 0.64      | 0.75      | 0.76      | 0.71       | 9.39    | ppb   |
| Sodium     | 23-2  | 14321.76  | 14470.52  | 14210.93  | 14334.40   | 0.91    | ppb   |
| Strontium  | 86-1  | 118.84    | 122.43    | 119.19    | 120.15     | 1.65    | ppb   |
| Strontium  | 88-1  | 120.87    | 123.74    | 121.07    | 121.89     | 1.32    | ppb   |
| Sulfur     | 34-1  | 267656.91 | 294920.43 | 278200.27 | 280259.20  | 4.91    | ppb   |
| Terbium    | 159-1 |           |           |           |            |         | %     |
| Terbium    | 159-2 |           |           |           |            |         | %     |
| Thallium   | 203-1 | 0.06      | 0.09      | 0.07      | 0.07       | 20.34   | ppb   |
| Thallium   | 205-1 | 0.08      | 0.09      | 0.08      | 0.08       | 6.96    | ppb   |
| Tin        | 118-1 | -0.02     | -0.01     | -0.02     | -0.02      |         | ppb   |
| Titanium   | 47-1  | 1.14      | 1.27      | 1.08      | 1.16       | 8.36    | ppb   |
| Uranium    | 238-1 | 96.95     | 104.81    | 97.09     | 99.62      | 4.51    | ppb   |
| Vanadium   | 51-2  | 0.06      | 0.05      | 0.05      | 0.05       | 9.48    | ppb   |
| Yttrium    | 89-1  |           |           |           |            |         | %     |
| Yttrium    | 89-2  |           |           |           |            |         | %     |
| Zinc       | 66-2  | 34855.73  | 34881.67  | 34514.07  | 34750.49   | 0.59    | ppb   |
| Zirconium  | 90-1  | 0.37      | 0.39      | 0.41      | 0.39       | 4.53    | ppb   |

|                         |                     |                   |                     |
|-------------------------|---------------------|-------------------|---------------------|
| LB Number :             | LB88853             | Operator :        | Jaswal              |
| Lab Sample ID :         | I4255-04            | Instrumnet Name : | P7                  |
| Client Sample ID :      | MH0CC4D             | Dilution Factor : | 1                   |
| Date & Time Acquired :: | 2017-07-19 14:14:11 | DataFile Name :   | 030SMPL_P7071917 -M |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|-----------|------|---------|---------|---------|------------|---------|-------|
| Zirconium | 91-1 | 0.41    | 0.46    | 0.42    | 0.43       | 6.31    | ppb   |

|                         |                     |                   |                     |
|-------------------------|---------------------|-------------------|---------------------|
| LB Number :             | LB88853             | Operator :        | Jaswal              |
| Lab Sample ID :         | I4255-03LX5         | Instrumnet Name : | P7                  |
| Client Sample ID :      | MH0CC4L             | Dilution Factor : | 5                   |
| Date & Time Acquired :: | 2017-07-19 14:17:35 | DataFile Name :   | 031SMPL_P7071917 -M |

| Parameter  | Mass  | ConRep1  | ConRep2  | ConRep3  | Avg. Conc. | ConcRSD | Units |
|------------|-------|----------|----------|----------|------------|---------|-------|
| Aluminium  | 27-2  | 7957.02  | 7818.42  | 7938.19  | 7904.55    | 0.95    | ppb   |
| Antimony   | 121-1 | 0.80     | 0.78     | 0.82     | 0.80       | 2.39    | ppb   |
| Arsenic    | 75-2  | 98.66    | 96.91    | 98.97    | 98.18      | 1.13    | ppb   |
| Barium     | 135-1 | 3.12     | 3.20     | 3.05     | 3.12       | 2.44    | ppb   |
| Barium     | 137-1 | 3.12     | 3.25     | 3.18     | 3.18       | 2.14    | ppb   |
| Beryllium  | 9-1   | 3.06     | 3.03     | 2.65     | 2.91       | 7.89    | ppb   |
| Bismuth    | 209-1 |          |          |          |            |         | %     |
| Bismuth    | 209-2 |          |          |          |            |         | %     |
| Boron      | 10-1  | 5.83     | 6.12     | 4.51     | 5.49       | 15.63   | ppb   |
| Boron      | 11-1  | 5.91     | 5.31     | 5.46     | 5.56       | 5.64    | ppb   |
| Cadmium    | 111-1 | 47.32    | 47.93    | 46.38    | 47.21      | 1.65    | ppb   |
| Cadmium    | 106-1 | 45.96    | 44.61    | 41.31    | 43.96      | 5.45    | ppb   |
| Cadmium    | 108-1 | 46.52    | 42.38    | 44.07    | 44.32      | 4.70    | ppb   |
| Calcium    | 43-1  | 22021.16 | 22062.43 | 22168.01 | 22083.87   | 0.34    | ppb   |
| Calcium    | 44-1  | 22221.91 | 22225.10 | 22093.53 | 22180.18   | 0.34    | ppb   |
| Chromium   | 52-2  | 0.92     | 0.89     | 0.95     | 0.92       | 3.36    | ppb   |
| Cobalt     | 59-2  | 26.93    | 26.48    | 27.27    | 26.89      | 1.48    | ppb   |
| Copper     | 63-2  | 357.82   | 351.71   | 359.04   | 356.19     | 1.10    | ppb   |
| Dysprosium | 156-1 |          |          |          |            |         | cps   |
| Dysprosium | 156-2 |          |          |          |            |         | cps   |
| Erbium     | 164-1 |          |          |          |            |         | cps   |
| Erbium     | 164-2 |          |          |          |            |         | cps   |
| Gadolinium | 160-1 |          |          |          |            |         | cps   |
| Gadolinium | 160-2 |          |          |          |            |         | cps   |
| Holmium    | 165-1 |          |          |          |            |         | %     |
| Holmium    | 165-2 |          |          |          |            |         | %     |
| Indium     | 115-1 |          |          |          |            |         | %     |
| Indium     | 115-2 |          |          |          |            |         | %     |
| Iron       | 56-2  | 1806.56  | 1780.49  | 1805.14  | 1797.40    | 0.82    | ppb   |
| Iron       | 57-2  | 1815.19  | 1759.96  | 1805.61  | 1793.59    | 1.65    | ppb   |
| Lead       | 206-1 | 27.39    | 27.31    | 27.39    | 27.37      | 0.18    | ppb   |
| Lead       | 207-1 | 25.27    | 25.93    | 25.49    | 25.56      | 1.31    | ppb   |
| Lead       | 208-1 | 26.63    | 26.92    | 26.61    | 26.72      | 0.64    | ppb   |
| Lithium    | 6-1   |          |          |          |            |         | %     |
| Magnesium  | 24-2  | 9628.04  | 9413.38  | 9568.92  | 9536.78    | 1.16    | ppb   |
| Manganese  | 55-2  | 12978.22 | 12681.74 | 12858.95 | 12839.63   | 1.16    | ppb   |



|                         |                     |                   |                     |
|-------------------------|---------------------|-------------------|---------------------|
| LB Number :             | LB88853             | Operator :        | Jaswal              |
| Lab Sample ID :         | I4255-03LX5         | Instrumnet Name : | P7                  |
| Client Sample ID :      | MH0CC4L             | Dilution Factor : | 5                   |
| Date & Time Acquired :: | 2017-07-19 14:17:35 | DataFile Name :   | 031SMPL_P7071917 -M |

| Parameter  | Mass  | ConRep1  | ConRep2  | ConRep3  | Avg. Conc. | ConcRSD | Units |
|------------|-------|----------|----------|----------|------------|---------|-------|
| Molybdenum | 94-1  | 0.12     | 0.10     | 0.12     | 0.11       | 9.90    | ppb   |
| Molybdenum | 95-1  | 0.16     | 0.13     | 0.14     | 0.15       | 8.40    | ppb   |
| Molybdenum | 96-1  | 0.02     | 0.02     | 0.02     | 0.02       | 12.34   | ppb   |
| Molybdenum | 97-1  | -0.02    | -0.01    | 0.00     | -0.01      |         | ppb   |
| Molybdenum | 98-1  | -0.02    | -0.03    | -0.02    | -0.02      |         | ppb   |
| Neodymium  | 150-1 |          |          |          |            |         | cps   |
| Neodymium  | 150-2 |          |          |          |            |         | cps   |
| Nickel     | 60-2  | 18.39    | 17.84    | 18.52    | 18.25      | 1.97    | ppb   |
| Phosphorus | 31-2  | -3.13    | 19.83    | 3.89     | 6.86       | 171.42  | ppb   |
| Potassium  | 39-2  | 1024.00  | 1013.32  | 1041.88  | 1026.40    | 1.41    | ppb   |
| Rhodium    | 103-1 |          |          |          |            |         | %     |
| Rhodium    | 103-2 |          |          |          |            |         | %     |
| Scandium   | 45-1  |          |          |          |            |         | %     |
| Scandium   | 45-2  |          |          |          |            |         | %     |
| Selenium   | 77-2  | 64.05    | 62.59    | 60.92    | 62.52      | 2.51    | ppb   |
| Selenium   | 78-2  | 9.46     | 6.99     | 8.24     | 8.23       | 15.02   | ppb   |
| Selenium   | 82-1  | 1.86     | 2.08     | 1.30     | 1.75       | 23.03   | ppb   |
| Silicon    | 28-1  | 1802.83  | 1810.59  | 1803.01  | 1805.48    | 0.25    | ppb   |
| Silver     | 109-1 | 0.23     | 0.20     | 0.22     | 0.22       | 7.10    | ppb   |
| Silver     | 107-1 | 0.20     | 0.25     | 0.23     | 0.23       | 11.16   | ppb   |
| Sodium     | 23-2  | 2893.87  | 2829.82  | 2881.73  | 2868.47    | 1.19    | ppb   |
| Strontium  | 86-1  | 49.95    | 50.08    | 50.35    | 50.13      | 0.41    | ppb   |
| Strontium  | 88-1  | 51.02    | 50.91    | 50.60    | 50.84      | 0.43    | ppb   |
| Sulfur     | 34-1  | 62976.87 | 63060.79 | 62362.14 | 62799.94   | 0.61    | ppb   |
| Terbium    | 159-1 |          |          |          |            |         | %     |
| Terbium    | 159-2 |          |          |          |            |         | %     |
| Thallium   | 203-1 | -0.03    | -0.02    | -0.02    | -0.03      |         | ppb   |
| Thallium   | 205-1 | -0.01    | -0.02    | -0.02    | -0.02      |         | ppb   |
| Tin        | 118-1 | 0.00     | 0.03     | 0.01     | 0.01       | 98.01   | ppb   |
| Titanium   | 47-1  | 0.25     | 0.29     | 0.33     | 0.29       | 13.04   | ppb   |
| Uranium    | 238-1 | 18.22    | 18.42    | 18.30    | 18.31      | 0.54    | ppb   |
| Vanadium   | 51-2  | 0.00     | -0.01    | -0.01    | -0.01      |         | ppb   |
| Yttrium    | 89-1  |          |          |          |            |         | %     |
| Yttrium    | 89-2  |          |          |          |            |         | %     |
| Zinc       | 66-2  | 7179.35  | 7018.40  | 7122.28  | 7106.68    | 1.15    | ppb   |
| Zirconium  | 90-1  | 0.18     | 0.18     | 0.19     | 0.19       | 3.79    | ppb   |

|                         |                     |                   |                     |
|-------------------------|---------------------|-------------------|---------------------|
| LB Number :             | LB88853             | Operator :        | Jaswal              |
| Lab Sample ID :         | I4255-03LX5         | Instrumnet Name : | P7                  |
| Client Sample ID :      | MH0CC4L             | Dilution Factor : | 5                   |
| Date & Time Acquired :: | 2017-07-19 14:17:35 | DataFile Name :   | 031SMPL_P7071917 -M |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|-----------|------|---------|---------|---------|------------|---------|-------|
| Zirconium | 91-1 | 0.19    | 0.18    | 0.23    | 0.20       | 12.58   | ppb   |

|                         |                     |                   |                     |
|-------------------------|---------------------|-------------------|---------------------|
| LB Number :             | LB88853             | Operator :        | Jaswal              |
| Lab Sample ID :         | I4255-05            | Instrumnet Name : | P7                  |
| Client Sample ID :      | MH0CC4S             | Dilution Factor : | 1                   |
| Date & Time Acquired :: | 2017-07-19 14:21:02 | DataFile Name :   | 032SMPL_P7071917 -M |

| Parameter  | Mass  | ConRep1   | ConRep2   | ConRep3   | Avg. Conc. | ConcRSD | Units |
|------------|-------|-----------|-----------|-----------|------------|---------|-------|
| Aluminium  | 27-2  | 41590.85  | 41232.16  | 41268.82  | 41363.95   | 0.48    | ppb   |
| Antimony   | 121-1 | 100.01    | 98.77     | 99.64     | 99.48      | 0.64    | ppb   |
| Arsenic    | 75-2  | 250.85    | 250.03    | 249.02    | 249.97     | 0.37    | ppb   |
| Barium     | 135-1 | 1960.37   | 1952.58   | 1958.43   | 1957.13    | 0.21    | ppb   |
| Barium     | 137-1 | 1973.25   | 1956.86   | 1957.70   | 1962.61    | 0.47    | ppb   |
| Beryllium  | 9-1   | 66.10     | 64.65     | 65.37     | 65.37      | 1.10    | ppb   |
| Bismuth    | 209-1 |           |           |           |            |         | %     |
| Bismuth    | 209-2 |           |           |           |            |         | %     |
| Boron      | 10-1  | 12.83     | 13.99     | 14.23     | 13.68      | 5.46    | ppb   |
| Boron      | 11-1  | 13.13     | 13.04     | 13.61     | 13.26      | 2.29    | ppb   |
| Cadmium    | 111-1 | 276.47    | 270.55    | 267.93    | 271.65     | 1.61    | ppb   |
| Cadmium    | 106-1 | 256.64    | 249.45    | 244.81    | 250.30     | 2.38    | ppb   |
| Cadmium    | 108-1 | 257.02    | 249.02    | 254.49    | 253.51     | 1.61    | ppb   |
| Calcium    | 43-1  | 110621.00 | 110189.92 | 109805.29 | 110205.40  | 0.37    | ppb   |
| Calcium    | 44-1  | 109621.81 | 109360.83 | 109383.71 | 109455.45  | 0.13    | ppb   |
| Chromium   | 52-2  | 212.82    | 212.41    | 210.72    | 211.98     | 0.52    | ppb   |
| Cobalt     | 59-2  | 671.34    | 669.76    | 666.39    | 669.16     | 0.38    | ppb   |
| Copper     | 63-2  | 2051.67   | 2056.75   | 2040.94   | 2049.79    | 0.39    | ppb   |
| Dysprosium | 156-1 |           |           |           |            |         | cps   |
| Dysprosium | 156-2 |           |           |           |            |         | cps   |
| Erbium     | 164-1 |           |           |           |            |         | cps   |
| Erbium     | 164-2 |           |           |           |            |         | cps   |
| Gadolinium | 160-1 |           |           |           |            |         | cps   |
| Gadolinium | 160-2 |           |           |           |            |         | cps   |
| Holmium    | 165-1 |           |           |           |            |         | %     |
| Holmium    | 165-2 |           |           |           |            |         | %     |
| Indium     | 115-1 |           |           |           |            |         | %     |
| Indium     | 115-2 |           |           |           |            |         | %     |
| Iron       | 56-2  | 10092.04  | 9951.57   | 9944.95   | 9996.19    | 0.83    | ppb   |
| Iron       | 57-2  | 10000.12  | 9970.47   | 9817.88   | 9929.49    | 0.98    | ppb   |
| Lead       | 206-1 | 163.18    | 162.31    | 162.27    | 162.59     | 0.32    | ppb   |
| Lead       | 207-1 | 152.85    | 152.90    | 153.31    | 153.02     | 0.16    | ppb   |
| Lead       | 208-1 | 159.35    | 159.00    | 159.81    | 159.39     | 0.25    | ppb   |
| Lithium    | 6-1   |           |           |           |            |         | %     |
| Magnesium  | 24-2  | 47221.95  | 47044.14  | 46679.95  | 46982.01   | 0.59    | ppb   |
| Manganese  | 55-2  | 65117.88  | 64810.98  | 64019.27  | 64649.38   | 0.88    | ppb   |

|                         |                     |                   |                     |
|-------------------------|---------------------|-------------------|---------------------|
| LB Number :             | LB88853             | Operator :        | Jaswal              |
| Lab Sample ID :         | I4255-05            | Instrumnet Name : | P7                  |
| Client Sample ID :      | MH0CC4S             | Dilution Factor : | 1                   |
| Date & Time Acquired :: | 2017-07-19 14:21:02 | DataFile Name :   | 032SMPL_P7071917 -M |

| Parameter  | Mass  | ConRep1   | ConRep2   | ConRep3   | Avg. Conc. | ConcRSD | Units |
|------------|-------|-----------|-----------|-----------|------------|---------|-------|
| Molybdenum | 94-1  | 0.28      | 0.28      | 0.29      | 0.28       | 2.45    | ppb   |
| Molybdenum | 95-1  | 0.43      | 0.44      | 0.42      | 0.43       | 2.27    | ppb   |
| Molybdenum | 96-1  | 0.06      | 0.06      | 0.07      | 0.07       | 8.44    | ppb   |
| Molybdenum | 97-1  | -0.01     | -0.01     | -0.01     | -0.01      |         | ppb   |
| Molybdenum | 98-1  | -0.02     | -0.01     | -0.02     | -0.02      |         | ppb   |
| Neodymium  | 150-1 |           |           |           |            |         | cps   |
| Neodymium  | 150-2 |           |           |           |            |         | cps   |
| Nickel     | 60-2  | 631.00    | 632.77    | 624.87    | 629.55     | 0.66    | ppb   |
| Phosphorus | 31-2  | 56.58     | 29.90     | 46.80     | 44.43      | 30.38   | ppb   |
| Potassium  | 39-2  | 5092.00   | 5118.19   | 5064.00   | 5091.40    | 0.53    | ppb   |
| Rhodium    | 103-1 |           |           |           |            |         | %     |
| Rhodium    | 103-2 |           |           |           |            |         | %     |
| Scandium   | 45-1  |           |           |           |            |         | %     |
| Scandium   | 45-2  |           |           |           |            |         | %     |
| Selenium   | 77-2  | 169.74    | 169.76    | 171.36    | 170.28     | 0.55    | ppb   |
| Selenium   | 78-2  | 56.53     | 55.25     | 53.44     | 55.07      | 2.82    | ppb   |
| Selenium   | 82-1  | 42.21     | 42.09     | 41.29     | 41.86      | 1.19    | ppb   |
| Silicon    | 28-1  | 8908.43   | 8918.16   | 8865.43   | 8897.34    | 0.32    | ppb   |
| Silver     | 109-1 | 45.34     | 43.92     | 43.88     | 44.38      | 1.87    | ppb   |
| Silver     | 107-1 | 44.66     | 43.89     | 43.76     | 44.10      | 1.10    | ppb   |
| Sodium     | 23-2  | 14503.70  | 14393.20  | 14355.25  | 14417.39   | 0.53    | ppb   |
| Strontium  | 86-1  | 120.66    | 120.08    | 119.73    | 120.16     | 0.39    | ppb   |
| Strontium  | 88-1  | 121.95    | 120.56    | 121.47    | 121.32     | 0.58    | ppb   |
| Sulfur     | 34-1  | 273198.97 | 272812.30 | 273006.97 | 273006.08  | 0.07    | ppb   |
| Terbium    | 159-1 |           |           |           |            |         | %     |
| Terbium    | 159-2 |           |           |           |            |         | %     |
| Thallium   | 203-1 | 51.66     | 51.60     | 51.77     | 51.68      | 0.16    | ppb   |
| Thallium   | 205-1 | 52.69     | 52.59     | 52.79     | 52.69      | 0.19    | ppb   |
| Tin        | 118-1 | -0.01     | -0.01     | -0.01     | -0.01      |         | ppb   |
| Titanium   | 47-1  | 0.99      | 1.03      | 1.16      | 1.06       | 8.55    | ppb   |
| Uranium    | 238-1 | 97.31     | 97.96     | 98.26     | 97.84      | 0.50    | ppb   |
| Vanadium   | 51-2  | 525.40    | 523.37    | 520.04    | 522.94     | 0.52    | ppb   |
| Yttrium    | 89-1  |           |           |           |            |         | %     |
| Yttrium    | 89-2  |           |           |           |            |         | %     |
| Zinc       | 66-2  | 35554.42  | 35853.81  | 35523.82  | 35644.02   | 0.51    | ppb   |
| Zirconium  | 90-1  | 0.39      | 0.39      | 0.40      | 0.39       | 1.15    | ppb   |

|                         |                     |                   |                     |
|-------------------------|---------------------|-------------------|---------------------|
| LB Number :             | LB88853             | Operator :        | Jaswal              |
| Lab Sample ID :         | I4255-05            | Instrumnet Name : | P7                  |
| Client Sample ID :      | MH0CC4S             | Dilution Factor : | 1                   |
| Date & Time Acquired :: | 2017-07-19 14:21:02 | DataFile Name :   | 032SMPL_P7071917 -M |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|-----------|------|---------|---------|---------|------------|---------|-------|
| Zirconium | 91-1 | 0.47    | 0.46    | 0.44    | 0.46       | 2.85    | ppb   |

|                         |                     |                   |                     |
|-------------------------|---------------------|-------------------|---------------------|
| LB Number :             | LB88853             | Operator :        | Jaswal              |
| Lab Sample ID :         | I4255-06            | Instrumnet Name : | P7                  |
| Client Sample ID :      | MH0CC6              | Dilution Factor : | 1                   |
| Date & Time Acquired :: | 2017-07-19 14:24:26 | DataFile Name :   | 033SMPL_P7071917 -M |

| Parameter  | Mass  | ConRep1   | ConRep2   | ConRep3   | Avg. Conc. | ConcRSD | Units |
|------------|-------|-----------|-----------|-----------|------------|---------|-------|
| Aluminium  | 27-2  | 23390.28  | 23318.02  | 23239.28  | 23315.86   | 0.32    | ppb   |
| Antimony   | 121-1 | 2.16      | 2.14      | 2.18      | 2.16       | 1.01    | ppb   |
| Arsenic    | 75-2  | 833.26    | 826.40    | 825.81    | 828.49     | 0.50    | ppb   |
| Barium     | 135-1 | 4.46      | 4.43      | 4.28      | 4.39       | 2.21    | ppb   |
| Barium     | 137-1 | 4.51      | 4.53      | 4.31      | 4.45       | 2.73    | ppb   |
| Beryllium  | 9-1   | 14.09     | 13.82     | 14.04     | 13.98      | 1.04    | ppb   |
| Bismuth    | 209-1 |           |           |           |            |         | %     |
| Bismuth    | 209-2 |           |           |           |            |         | %     |
| Boron      | 10-1  | 62.99     | 63.54     | 66.68     | 64.41      | 3.09    | ppb   |
| Boron      | 11-1  | 62.87     | 66.01     | 66.71     | 65.20      | 3.13    | ppb   |
| Cadmium    | 111-1 | 807.97    | 808.87    | 810.65    | 809.16     | 0.17    | ppb   |
| Cadmium    | 106-1 | 740.90    | 759.58    | 745.11    | 748.53     | 1.31    | ppb   |
| Cadmium    | 108-1 | 788.56    | 782.06    | 792.49    | 787.70     | 0.67    | ppb   |
| Calcium    | 43-1  | 451715.74 | 456395.53 | 458484.23 | 455531.83  | 0.76    | ppb   |
| Calcium    | 44-1  | 453803.67 | 453952.81 | 453971.69 | 453909.39  | 0.02    | ppb   |
| Chromium   | 52-2  | 10.18     | 9.76      | 9.69      | 9.87       | 2.66    | ppb   |
| Cobalt     | 59-2  | 1521.91   | 1506.28   | 1510.71   | 1512.97    | 0.53    | ppb   |
| Copper     | 63-2  | 6127.04   | 6018.53   | 6097.55   | 6081.04    | 0.92    | ppb   |
| Dysprosium | 156-1 |           |           |           |            |         | cps   |
| Dysprosium | 156-2 |           |           |           |            |         | cps   |
| Erbium     | 164-1 |           |           |           |            |         | cps   |
| Erbium     | 164-2 |           |           |           |            |         | cps   |
| Gadolinium | 160-1 |           |           |           |            |         | cps   |
| Gadolinium | 160-2 |           |           |           |            |         | cps   |
| Holmium    | 165-1 |           |           |           |            |         | %     |
| Holmium    | 165-2 |           |           |           |            |         | %     |
| Indium     | 115-1 |           |           |           |            |         | %     |
| Indium     | 115-2 |           |           |           |            |         | %     |
| Iron       | 56-2  | 163153.63 | 160746.65 | 160881.76 | 161594.01  | 0.84    | ppb   |
| Iron       | 57-2  | 161194.85 | 159173.30 | 161492.28 | 160620.15  | 0.79    | ppb   |
| Lead       | 206-1 | 536.40    | 530.50    | 528.60    | 531.83     | 0.76    | ppb   |
| Lead       | 207-1 | 500.19    | 498.58    | 493.29    | 497.36     | 0.73    | ppb   |
| Lead       | 208-1 | 520.48    | 520.80    | 515.82    | 519.03     | 0.54    | ppb   |
| Lithium    | 6-1   |           |           |           |            |         | %     |
| Magnesium  | 24-2  | 184491.31 | 182252.99 | 183381.15 | 183375.15  | 0.61    | ppb   |
| Manganese  | 55-2  | 238616.13 | 236495.53 | 238426.01 | 237845.89  | 0.49    | ppb   |

|                         |                     |                   |                     |
|-------------------------|---------------------|-------------------|---------------------|
| LB Number :             | LB88853             | Operator :        | Jaswal              |
| Lab Sample ID :         | I4255-06            | Instrumnet Name : | P7                  |
| Client Sample ID :      | MH0CC6              | Dilution Factor : | 1                   |
| Date & Time Acquired :: | 2017-07-19 14:24:26 | DataFile Name :   | 033SMPL_P7071917 -M |

| Parameter  | Mass  | ConRep1   | ConRep2   | ConRep3   | Avg. Conc. | ConcRSD | Units |
|------------|-------|-----------|-----------|-----------|------------|---------|-------|
| Molybdenum | 94-1  | 0.27      | 0.27      | 0.26      | 0.26       | 2.28    | ppb   |
| Molybdenum | 95-1  | 1.28      | 1.23      | 1.27      | 1.26       | 2.02    | ppb   |
| Molybdenum | 96-1  | 0.31      | 0.32      | 0.31      | 0.31       | 1.35    | ppb   |
| Molybdenum | 97-1  | 0.03      | 0.02      | 0.00      | 0.02       | 71.06   | ppb   |
| Molybdenum | 98-1  | 0.01      | 0.01      | 0.01      | 0.01       | 27.85   | ppb   |
| Neodymium  | 150-1 |           |           |           |            |         | cps   |
| Neodymium  | 150-2 |           |           |           |            |         | cps   |
| Nickel     | 60-2  | 475.08    | 468.43    | 471.56    | 471.69     | 0.70    | ppb   |
| Phosphorus | 31-2  | 80.70     | 85.91     | 66.59     | 77.73      | 12.86   | ppb   |
| Potassium  | 39-2  | 15328.57  | 15209.34  | 15249.54  | 15262.49   | 0.40    | ppb   |
| Rhodium    | 103-1 |           |           |           |            |         | %     |
| Rhodium    | 103-2 |           |           |           |            |         | %     |
| Scandium   | 45-1  |           |           |           |            |         | %     |
| Scandium   | 45-2  |           |           |           |            |         | %     |
| Selenium   | 77-2  | 112.29    | 108.50    | 112.78    | 111.19     | 2.11    | ppb   |
| Selenium   | 78-2  | 16.41     | 14.53     | 16.46     | 15.80      | 6.97    | ppb   |
| Selenium   | 82-1  | 4.96      | 4.90      | 4.57      | 4.81       | 4.29    | ppb   |
| Silicon    | 28-1  | 11550.96  | 11655.29  | 11630.45  | 11612.23   | 0.47    | ppb   |
| Silver     | 109-1 | 0.77      | 0.77      | 0.78      | 0.77       | 0.60    | ppb   |
| Silver     | 107-1 | 0.89      | 1.00      | 1.00      | 0.96       | 6.44    | ppb   |
| Sodium     | 23-2  | 57023.66  | 57096.83  | 57014.84  | 57045.11   | 0.08    | ppb   |
| Strontium  | 86-1  | 485.88    | 484.00    | 479.68    | 483.19     | 0.66    | ppb   |
| Strontium  | 88-1  | 484.48    | 483.30    | 482.45    | 483.41     | 0.21    | ppb   |
| Sulfur     | 34-1  | 872181.88 | 876448.59 | 875120.90 | 874583.79  | 0.25    | ppb   |
| Terbium    | 159-1 |           |           |           |            |         | %     |
| Terbium    | 159-2 |           |           |           |            |         | %     |
| Thallium   | 203-1 | 0.51      | 0.44      | 0.50      | 0.48       | 8.06    | ppb   |
| Thallium   | 205-1 | 0.50      | 0.50      | 0.49      | 0.50       | 0.88    | ppb   |
| Tin        | 118-1 | 0.43      | 0.42      | 0.44      | 0.43       | 2.42    | ppb   |
| Titanium   | 47-1  | 2.80      | 2.66      | 2.71      | 2.72       | 2.60    | ppb   |
| Uranium    | 238-1 | 116.85    | 116.27    | 115.46    | 116.19     | 0.60    | ppb   |
| Vanadium   | 51-2  | 0.52      | 0.53      | 0.56      | 0.54       | 3.68    | ppb   |
| Yttrium    | 89-1  |           |           |           |            |         | %     |
| Yttrium    | 89-2  |           |           |           |            |         | %     |
| Zinc       | 66-2  | 184188.63 | 182451.78 | 182105.29 | 182915.23  | 0.61    | ppb   |
| Zirconium  | 90-1  | 0.36      | 0.35      | 0.34      | 0.35       | 3.32    | ppb   |

|                         |                     |                   |                     |
|-------------------------|---------------------|-------------------|---------------------|
| LB Number :             | LB88853             | Operator :        | Jaswal              |
| Lab Sample ID :         | I4255-06            | Instrumnet Name : | P7                  |
| Client Sample ID :      | MH0CC6              | Dilution Factor : | 1                   |
| Date & Time Acquired :: | 2017-07-19 14:24:26 | DataFile Name :   | 033SMPL_P7071917 -M |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|-----------|------|---------|---------|---------|------------|---------|-------|
| Zirconium | 91-1 | 0.59    | 0.58    | 0.52    | 0.56       | 6.19    | ppb   |



|                         |                     |                   |                     |
|-------------------------|---------------------|-------------------|---------------------|
| LB Number :             | LB88853             | Operator :        | Jaswal              |
| Lab Sample ID :         | I4256-01            | Instrumnet Name : | P7                  |
| Client Sample ID :      | MH0CC2              | Dilution Factor : | 1                   |
| Date & Time Acquired :: | 2017-07-19 14:27:54 | DataFile Name :   | 034SMPL_P7071917 -M |

| Parameter  | Mass  | ConRep1   | ConRep2   | ConRep3   | Avg. Conc. | ConcRSD | Units |
|------------|-------|-----------|-----------|-----------|------------|---------|-------|
| Aluminium  | 27-2  | 16479.34  | 16403.59  | 16181.08  | 16354.67   | 0.95    | ppb   |
| Antimony   | 121-1 | 0.64      | 0.66      | 0.67      | 0.66       | 2.30    | ppb   |
| Arsenic    | 75-2  | 42.67     | 41.95     | 41.86     | 42.16      | 1.06    | ppb   |
| Barium     | 135-1 | 11.74     | 11.80     | 11.55     | 11.70      | 1.14    | ppb   |
| Barium     | 137-1 | 12.10     | 11.96     | 11.86     | 11.97      | 1.00    | ppb   |
| Beryllium  | 9-1   | 11.38     | 11.45     | 10.99     | 11.27      | 2.17    | ppb   |
| Bismuth    | 209-1 |           |           |           |            |         | %     |
| Bismuth    | 209-2 |           |           |           |            |         | %     |
| Boron      | 10-1  | 32.70     | 31.32     | 29.95     | 31.32      | 4.39    | ppb   |
| Boron      | 11-1  | 31.76     | 33.33     | 33.14     | 32.74      | 2.62    | ppb   |
| Cadmium    | 111-1 | 472.78    | 477.24    | 477.26    | 475.76     | 0.54    | ppb   |
| Cadmium    | 106-1 | 437.99    | 440.20    | 450.44    | 442.88     | 1.50    | ppb   |
| Cadmium    | 108-1 | 458.86    | 457.69    | 460.92    | 459.16     | 0.36    | ppb   |
| Calcium    | 43-1  | 249630.70 | 248990.71 | 247222.86 | 248614.76  | 0.50    | ppb   |
| Calcium    | 44-1  | 248321.07 | 246542.17 | 245588.02 | 246817.09  | 0.56    | ppb   |
| Chromium   | 52-2  | 1.69      | 1.61      | 1.53      | 1.61       | 5.26    | ppb   |
| Cobalt     | 59-2  | 713.93    | 712.53    | 707.20    | 711.22     | 0.50    | ppb   |
| Copper     | 63-2  | 4472.67   | 4473.04   | 4416.85   | 4454.19    | 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  | 29466.90  | 29252.95  | 29234.78  | 29318.21   | 0.44    | ppb   |
| Iron       | 57-2  | 28749.68  | 28617.13  | 28392.38  | 28586.40   | 0.63    | ppb   |
| Lead       | 206-1 | 18.66     | 18.58     | 18.34     | 18.53      | 0.92    | ppb   |
| Lead       | 207-1 | 17.47     | 17.53     | 17.06     | 17.35      | 1.49    | ppb   |
| Lead       | 208-1 | 18.24     | 18.14     | 17.85     | 18.08      | 1.13    | ppb   |
| Lithium    | 6-1   |           |           |           |            |         | %     |
| Magnesium  | 24-2  | 97603.31  | 97023.50  | 96351.99  | 96992.93   | 0.65    | ppb   |
| Manganese  | 55-2  | 131285.17 | 130103.95 | 129978.76 | 130455.96  | 0.55    | ppb   |

|                         |                     |                   |                     |
|-------------------------|---------------------|-------------------|---------------------|
| LB Number :             | LB88853             | Operator :        | Jaswal              |
| Lab Sample ID :         | I4256-01            | Instrumnet Name : | P7                  |
| Client Sample ID :      | MH0CC2              | Dilution Factor : | 1                   |
| Date & Time Acquired :: | 2017-07-19 14:27:54 | DataFile Name :   | 034SMPL_P7071917 -M |

| Parameter  | Mass  | ConRep1   | ConRep2   | ConRep3   | Avg. Conc. | ConcRSD | Units |
|------------|-------|-----------|-----------|-----------|------------|---------|-------|
| Molybdenum | 94-1  | 0.03      | 0.03      | 0.03      | 0.03       | 12.12   | ppb   |
| Molybdenum | 95-1  | 0.82      | 0.78      | 0.76      | 0.79       | 4.05    | ppb   |
| Molybdenum | 96-1  | 0.05      | 0.04      | 0.02      | 0.03       | 39.25   | ppb   |
| Molybdenum | 97-1  | -0.03     | -0.03     | -0.03     | -0.03      |         | ppb   |
| Molybdenum | 98-1  | -0.03     | -0.03     | -0.03     | -0.03      |         | ppb   |
| Neodymium  | 150-1 |           |           |           |            |         | cps   |
| Neodymium  | 150-2 |           |           |           |            |         | cps   |
| Nickel     | 60-2  | 252.01    | 251.08    | 249.38    | 250.82     | 0.53    | ppb   |
| Phosphorus | 31-2  | 1.00      | -4.31     | 3.19      | -0.04      |         | ppb   |
| Potassium  | 39-2  | 9241.94   | 9212.25   | 9183.76   | 9212.65    | 0.32    | ppb   |
| Rhodium    | 103-1 |           |           |           |            |         | %     |
| Rhodium    | 103-2 |           |           |           |            |         | %     |
| Scandium   | 45-1  |           |           |           |            |         | %     |
| Scandium   | 45-2  |           |           |           |            |         | %     |
| Selenium   | 77-2  | 118.00    | 110.40    | 119.42    | 115.94     | 4.18    | ppb   |
| Selenium   | 78-2  | 16.66     | 16.34     | 15.45     | 16.15      | 3.90    | ppb   |
| Selenium   | 82-1  | 4.06      | 4.07      | 3.99      | 4.04       | 1.07    | ppb   |
| Silicon    | 28-1  | 6806.44   | 6803.44   | 6816.04   | 6808.64    | 0.10    | ppb   |
| Silver     | 109-1 | 0.24      | 0.28      | 0.29      | 0.27       | 9.69    | ppb   |
| Silver     | 107-1 | 0.36      | 0.37      | 0.38      | 0.37       | 2.04    | ppb   |
| Sodium     | 23-2  | 32890.03  | 32442.33  | 32281.97  | 32538.11   | 0.97    | ppb   |
| Strontium  | 86-1  | 299.25    | 298.97    | 298.30    | 298.84     | 0.16    | ppb   |
| Strontium  | 88-1  | 302.59    | 302.00    | 302.12    | 302.24     | 0.10    | ppb   |
| Sulfur     | 34-1  | 481426.83 | 482057.15 | 479023.27 | 480835.75  | 0.33    | ppb   |
| Terbium    | 159-1 |           |           |           |            |         | %     |
| Terbium    | 159-2 |           |           |           |            |         | %     |
| Thallium   | 203-1 | 0.21      | 0.22      | 0.19      | 0.21       | 8.70    | ppb   |
| Thallium   | 205-1 | 0.22      | 0.21      | 0.20      | 0.21       | 4.38    | ppb   |
| Tin        | 118-1 | -0.07     | -0.05     | -0.07     | -0.06      |         | ppb   |
| Titanium   | 47-1  | 0.65      | 0.53      | 0.67      | 0.62       | 12.14   | ppb   |
| Uranium    | 238-1 | 98.19     | 97.30     | 96.16     | 97.22      | 1.05    | ppb   |
| Vanadium   | 51-2  | 0.08      | 0.07      | 0.12      | 0.09       | 24.67   | ppb   |
| Yttrium    | 89-1  |           |           |           |            |         | %     |
| Yttrium    | 89-2  |           |           |           |            |         | %     |
| Zinc       | 66-2  | 106524.82 | 105980.96 | 105348.76 | 105951.52  | 0.56    | ppb   |
| Zirconium  | 90-1  | 0.05      | 0.03      | 0.04      | 0.04       | 17.45   | ppb   |

|                         |                     |                   |                     |
|-------------------------|---------------------|-------------------|---------------------|
| LB Number :             | LB88853             | Operator :        | Jaswal              |
| Lab Sample ID :         | I4256-01            | Instrumnet Name : | P7                  |
| Client Sample ID :      | MH0CC2              | Dilution Factor : | 1                   |
| Date & Time Acquired :: | 2017-07-19 14:27:54 | DataFile Name :   | 034SMPL_P7071917 -M |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|-----------|------|---------|---------|---------|------------|---------|-------|
| Zirconium | 91-1 | 0.05    | 0.05    | 0.04    | 0.05       | 9.95    | ppb   |

|                         |                     |                   |                     |
|-------------------------|---------------------|-------------------|---------------------|
| LB Number :             | LB88853             | Operator :        | Jaswal              |
| Lab Sample ID :         | I4256-02            | Instrumnet Name : | P7                  |
| Client Sample ID :      | MH0CC3              | Dilution Factor : | 1                   |
| Date & Time Acquired :: | 2017-07-19 14:31:20 | DataFile Name :   | 035SMPL_P7071917 -M |

| Parameter  | Mass  | ConRep1   | ConRep2   | ConRep3   | Avg. Conc. | ConcRSD | Units |
|------------|-------|-----------|-----------|-----------|------------|---------|-------|
| Aluminium  | 27-2  | 39152.36  | 39018.96  | 39124.55  | 39098.62   | 0.18    | ppb   |
| Antimony   | 121-1 | 3.43      | 3.39      | 3.39      | 3.40       | 0.56    | ppb   |
| Arsenic    | 75-2  | 226.52    | 225.74    | 226.91    | 226.39     | 0.26    | ppb   |
| Barium     | 135-1 | 15.15     | 15.31     | 15.04     | 15.17      | 0.90    | ppb   |
| Barium     | 137-1 | 15.39     | 15.35     | 15.30     | 15.34      | 0.32    | ppb   |
| Beryllium  | 9-1   | 14.23     | 13.50     | 13.73     | 13.82      | 2.68    | ppb   |
| Bismuth    | 209-1 |           |           |           |            |         | %     |
| Bismuth    | 209-2 |           |           |           |            |         | %     |
| Boron      | 10-1  | 15.02     | 16.10     | 16.59     | 15.91      | 5.06    | ppb   |
| Boron      | 11-1  | 14.78     | 15.30     | 14.48     | 14.85      | 2.82    | ppb   |
| Cadmium    | 111-1 | 217.41    | 217.57    | 220.18    | 218.39     | 0.71    | ppb   |
| Cadmium    | 106-1 | 211.87    | 208.16    | 208.70    | 209.58     | 0.96    | ppb   |
| Cadmium    | 108-1 | 208.28    | 205.70    | 210.12    | 208.03     | 1.07    | ppb   |
| Calcium    | 43-1  | 110329.24 | 109414.05 | 110419.25 | 110054.18  | 0.51    | ppb   |
| Calcium    | 44-1  | 110676.91 | 109689.88 | 109467.76 | 109944.85  | 0.59    | ppb   |
| Chromium   | 52-2  | 4.62      | 4.62      | 4.72      | 4.66       | 1.26    | ppb   |
| Cobalt     | 59-2  | 135.54    | 133.80    | 134.97    | 134.77     | 0.66    | ppb   |
| Copper     | 63-2  | 1790.84   | 1778.82   | 1791.28   | 1786.98    | 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  | 8876.13   | 8683.20   | 8843.88   | 8801.07    | 1.17    | ppb   |
| Iron       | 57-2  | 8708.12   | 8646.92   | 8822.67   | 8725.91    | 1.02    | ppb   |
| Lead       | 206-1 | 138.22    | 135.83    | 136.55    | 136.86     | 0.89    | ppb   |
| Lead       | 207-1 | 129.45    | 127.31    | 126.78    | 127.84     | 1.10    | ppb   |
| Lead       | 208-1 | 134.86    | 132.98    | 132.80    | 133.55     | 0.86    | ppb   |
| Lithium    | 6-1   |           |           |           |            |         | %     |
| Magnesium  | 24-2  | 47640.67  | 46766.02  | 47267.69  | 47224.79   | 0.93    | ppb   |
| Manganese  | 55-2  | 65423.84  | 64491.80  | 65224.55  | 65046.73   | 0.75    | ppb   |

|                         |                     |                   |                     |
|-------------------------|---------------------|-------------------|---------------------|
| LB Number :             | LB88853             | Operator :        | Jaswal              |
| Lab Sample ID :         | I4256-02            | Instrumnet Name : | P7                  |
| Client Sample ID :      | MH0CC3              | Dilution Factor : | 1                   |
| Date & Time Acquired :: | 2017-07-19 14:31:20 | DataFile Name :   | 035SMPL_P7071917 -M |

| Parameter  | Mass  | ConRep1   | ConRep2   | ConRep3   | Avg. Conc. | ConcRSD | Units |
|------------|-------|-----------|-----------|-----------|------------|---------|-------|
| Molybdenum | 94-1  | 0.22      | 0.24      | 0.25      | 0.24       | 6.00    | ppb   |
| Molybdenum | 95-1  | 0.41      | 0.42      | 0.42      | 0.41       | 1.31    | ppb   |
| Molybdenum | 96-1  | 0.05      | 0.05      | 0.06      | 0.05       | 14.01   | ppb   |
| Molybdenum | 97-1  | -0.01     | -0.02     | -0.02     | -0.02      |         | ppb   |
| Molybdenum | 98-1  | -0.03     | -0.03     | -0.03     | -0.03      |         | ppb   |
| Neodymium  | 150-1 |           |           |           |            |         | cps   |
| Neodymium  | 150-2 |           |           |           |            |         | cps   |
| Nickel     | 60-2  | 91.79     | 90.84     | 90.92     | 91.18      | 0.57    | ppb   |
| Phosphorus | 31-2  | 63.41     | 45.15     | 55.90     | 54.82      | 16.75   | ppb   |
| Potassium  | 39-2  | 5034.46   | 5004.29   | 5059.66   | 5032.80    | 0.55    | ppb   |
| Rhodium    | 103-1 |           |           |           |            |         | %     |
| Rhodium    | 103-2 |           |           |           |            |         | %     |
| Scandium   | 45-1  |           |           |           |            |         | %     |
| Scandium   | 45-2  |           |           |           |            |         | %     |
| Selenium   | 77-2  | 146.28    | 122.32    | 146.85    | 138.48     | 10.11   | ppb   |
| Selenium   | 78-2  | 18.79     | 17.34     | 18.16     | 18.10      | 4.01    | ppb   |
| Selenium   | 82-1  | 3.74      | 4.22      | 4.44      | 4.13       | 8.66    | ppb   |
| Silicon    | 28-1  | 8845.82   | 8843.86   | 8857.75   | 8849.15    | 0.08    | ppb   |
| Silver     | 109-1 | 0.55      | 0.56      | 0.57      | 0.56       | 2.12    | ppb   |
| Silver     | 107-1 | 0.59      | 0.58      | 0.64      | 0.61       | 5.14    | ppb   |
| Sodium     | 23-2  | 14343.11  | 14248.40  | 14358.11  | 14316.54   | 0.42    | ppb   |
| Strontium  | 86-1  | 117.93    | 118.23    | 117.49    | 117.88     | 0.32    | ppb   |
| Strontium  | 88-1  | 119.98    | 120.96    | 121.20    | 120.71     | 0.54    | ppb   |
| Sulfur     | 34-1  | 274780.59 | 275444.11 | 273897.53 | 274707.41  | 0.28    | ppb   |
| Terbium    | 159-1 |           |           |           |            |         | %     |
| Terbium    | 159-2 |           |           |           |            |         | %     |
| Thallium   | 203-1 | 0.05      | 0.06      | 0.05      | 0.05       | 8.79    | ppb   |
| Thallium   | 205-1 | 0.07      | 0.06      | 0.06      | 0.06       | 8.36    | ppb   |
| Tin        | 118-1 | -0.06     | -0.03     | -0.07     | -0.05      |         | ppb   |
| Titanium   | 47-1  | 1.21      | 1.34      | 1.06      | 1.20       | 11.86   | ppb   |
| Uranium    | 238-1 | 97.89     | 95.93     | 96.30     | 96.71      | 1.07    | ppb   |
| Vanadium   | 51-2  | 0.06      | 0.09      | 0.06      | 0.07       | 24.60   | ppb   |
| Yttrium    | 89-1  |           |           |           |            |         | %     |
| Yttrium    | 89-2  |           |           |           |            |         | %     |
| Zinc       | 66-2  | 36085.73  | 35488.39  | 35864.55  | 35812.89   | 0.84    | ppb   |
| Zirconium  | 90-1  | 0.36      | 0.36      | 0.37      | 0.36       | 2.07    | ppb   |

|                         |                     |                   |                     |
|-------------------------|---------------------|-------------------|---------------------|
| LB Number :             | LB88853             | Operator :        | Jaswal              |
| Lab Sample ID :         | I4256-02            | Instrumnet Name : | P7                  |
| Client Sample ID :      | MH0CC3              | Dilution Factor : | 1                   |
| Date & Time Acquired :: | 2017-07-19 14:31:20 | DataFile Name :   | 035SMPL_P7071917 -M |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|-----------|------|---------|---------|---------|------------|---------|-------|
| Zirconium | 91-1 | 0.43    | 0.38    | 0.43    | 0.41       | 6.44    | ppb   |

|                         |                     |                   |                     |
|-------------------------|---------------------|-------------------|---------------------|
| LB Number :             | LB88853             | Operator :        | Jaswal              |
| Lab Sample ID :         | I4256-03            | Instrumnet Name : | P7                  |
| Client Sample ID :      | MH0CC3D             | Dilution Factor : | 1                   |
| Date & Time Acquired :: | 2017-07-19 14:34:45 | DataFile Name :   | 036SMPL_P7071917 -M |

| Parameter  | Mass  | ConRep1   | ConRep2   | ConRep3   | Avg. Conc. | ConcRSD | Units |
|------------|-------|-----------|-----------|-----------|------------|---------|-------|
| Aluminium  | 27-2  | 38926.70  | 38906.86  | 39234.83  | 39022.80   | 0.47    | ppb   |
| Antimony   | 121-1 | 3.40      | 3.39      | 3.43      | 3.40       | 0.64    | ppb   |
| Arsenic    | 75-2  | 226.88    | 227.98    | 224.55    | 226.47     | 0.77    | ppb   |
| Barium     | 135-1 | 14.97     | 15.55     | 15.23     | 15.25      | 1.90    | ppb   |
| Barium     | 137-1 | 15.45     | 15.66     | 15.38     | 15.50      | 0.95    | ppb   |
| Beryllium  | 9-1   | 13.49     | 13.53     | 13.55     | 13.52      | 0.23    | ppb   |
| Bismuth    | 209-1 |           |           |           |            |         | %     |
| Bismuth    | 209-2 |           |           |           |            |         | %     |
| Boron      | 10-1  | 13.08     | 13.51     | 12.72     | 13.10      | 3.01    | ppb   |
| Boron      | 11-1  | 13.78     | 14.35     | 14.41     | 14.18      | 2.45    | ppb   |
| Cadmium    | 111-1 | 221.26    | 218.91    | 218.76    | 219.65     | 0.64    | ppb   |
| Cadmium    | 106-1 | 216.65    | 207.36    | 202.55    | 208.85     | 3.43    | ppb   |
| Cadmium    | 108-1 | 209.25    | 213.38    | 209.50    | 210.71     | 1.10    | ppb   |
| Calcium    | 43-1  | 110110.94 | 109056.60 | 109400.60 | 109522.71  | 0.49    | ppb   |
| Calcium    | 44-1  | 109464.35 | 109342.79 | 109503.37 | 109436.84  | 0.08    | ppb   |
| Chromium   | 52-2  | 4.75      | 4.89      | 4.97      | 4.87       | 2.33    | ppb   |
| Cobalt     | 59-2  | 135.25    | 134.90    | 136.06    | 135.40     | 0.44    | ppb   |
| Copper     | 63-2  | 1796.74   | 1787.62   | 1801.68   | 1795.35    | 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  | 8853.10   | 8852.65   | 8841.66   | 8849.14    | 0.07    | ppb   |
| Iron       | 57-2  | 8705.05   | 8684.33   | 8785.07   | 8724.82    | 0.61    | ppb   |
| Lead       | 206-1 | 137.28    | 136.88    | 136.05    | 136.74     | 0.46    | ppb   |
| Lead       | 207-1 | 127.49    | 126.95    | 126.39    | 126.94     | 0.43    | ppb   |
| Lead       | 208-1 | 133.04    | 133.28    | 132.30    | 132.87     | 0.39    | ppb   |
| Lithium    | 6-1   |           |           |           |            |         | %     |
| Magnesium  | 24-2  | 47162.87  | 46928.87  | 47506.07  | 47199.27   | 0.62    | ppb   |
| Manganese  | 55-2  | 64972.47  | 64619.84  | 65199.90  | 64930.74   | 0.45    | ppb   |

|                         |                     |                   |                     |
|-------------------------|---------------------|-------------------|---------------------|
| LB Number :             | LB88853             | Operator :        | Jaswal              |
| Lab Sample ID :         | I4256-03            | Instrumnet Name : | P7                  |
| Client Sample ID :      | MH0CC3D             | Dilution Factor : | 1                   |
| Date & Time Acquired :: | 2017-07-19 14:34:45 | DataFile Name :   | 036SMPL_P7071917 -M |

| Parameter  | Mass  | ConRep1   | ConRep2   | ConRep3   | Avg. Conc. | ConcRSD | Units |
|------------|-------|-----------|-----------|-----------|------------|---------|-------|
| Molybdenum | 94-1  | 0.23      | 0.23      | 0.24      | 0.24       | 3.10    | ppb   |
| Molybdenum | 95-1  | 0.38      | 0.40      | 0.40      | 0.39       | 3.24    | ppb   |
| Molybdenum | 96-1  | 0.06      | 0.04      | 0.04      | 0.05       | 29.93   | ppb   |
| Molybdenum | 97-1  | -0.03     | -0.03     | -0.02     | -0.03      |         | ppb   |
| Molybdenum | 98-1  | -0.03     | -0.03     | -0.03     | -0.03      |         | ppb   |
| Neodymium  | 150-1 |           |           |           |            |         | cps   |
| Neodymium  | 150-2 |           |           |           |            |         | cps   |
| Nickel     | 60-2  | 92.37     | 91.81     | 94.39     | 92.86      | 1.46    | ppb   |
| Phosphorus | 31-2  | 56.30     | 67.97     | 74.19     | 66.15      | 13.73   | ppb   |
| Potassium  | 39-2  | 5025.33   | 5033.66   | 5053.95   | 5037.65    | 0.29    | ppb   |
| Rhodium    | 103-1 |           |           |           |            |         | %     |
| Rhodium    | 103-2 |           |           |           |            |         | %     |
| Scandium   | 45-1  |           |           |           |            |         | %     |
| Scandium   | 45-2  |           |           |           |            |         | %     |
| Selenium   | 77-2  | 142.57    | 130.08    | 143.59    | 138.75     | 5.42    | ppb   |
| Selenium   | 78-2  | 17.18     | 18.42     | 18.31     | 17.97      | 3.82    | ppb   |
| Selenium   | 82-1  | 4.16      | 4.34      | 4.06      | 4.19       | 3.40    | ppb   |
| Silicon    | 28-1  | 8775.06   | 8781.71   | 8834.03   | 8796.93    | 0.37    | ppb   |
| Silver     | 109-1 | 0.60      | 0.60      | 0.56      | 0.59       | 4.42    | ppb   |
| Silver     | 107-1 | 0.62      | 0.62      | 0.64      | 0.63       | 2.04    | ppb   |
| Sodium     | 23-2  | 14322.12  | 14233.65  | 14353.46  | 14303.08   | 0.43    | ppb   |
| Strontium  | 86-1  | 118.50    | 118.66    | 117.23    | 118.13     | 0.66    | ppb   |
| Strontium  | 88-1  | 121.32    | 121.07    | 120.06    | 120.82     | 0.55    | ppb   |
| Sulfur     | 34-1  | 272347.33 | 273281.85 | 272998.41 | 272875.86  | 0.18    | ppb   |
| Terbium    | 159-1 |           |           |           |            |         | %     |
| Terbium    | 159-2 |           |           |           |            |         | %     |
| Thallium   | 203-1 | 0.07      | 0.07      | 0.04      | 0.06       | 24.42   | ppb   |
| Thallium   | 205-1 | 0.06      | 0.06      | 0.07      | 0.06       | 8.52    | ppb   |
| Tin        | 118-1 | -0.05     | -0.07     | -0.03     | -0.05      |         | ppb   |
| Titanium   | 47-1  | 1.02      | 1.11      | 1.33      | 1.15       | 14.02   | ppb   |
| Uranium    | 238-1 | 95.91     | 97.21     | 96.54     | 96.55      | 0.67    | ppb   |
| Vanadium   | 51-2  | 0.04      | 0.08      | 0.06      | 0.06       | 36.74   | ppb   |
| Yttrium    | 89-1  |           |           |           |            |         | %     |
| Yttrium    | 89-2  |           |           |           |            |         | %     |
| Zinc       | 66-2  | 35946.22  | 35584.45  | 36115.85  | 35882.17   | 0.76    | ppb   |
| Zirconium  | 90-1  | 0.35      | 0.37      | 0.36      | 0.36       | 2.45    | ppb   |



|                         |                     |                   |                     |
|-------------------------|---------------------|-------------------|---------------------|
| LB Number :             | LB88853             | Operator :        | Jaswal              |
| Lab Sample ID :         | I4256-03            | Instrumnet Name : | P7                  |
| Client Sample ID :      | MH0CC3D             | Dilution Factor : | 1                   |
| Date & Time Acquired :: | 2017-07-19 14:34:45 | DataFile Name :   | 036SMPL_P7071917 -M |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|-----------|------|---------|---------|---------|------------|---------|-------|
| Zirconium | 91-1 | 0.41    | 0.46    | 0.45    | 0.44       | 6.32    | ppb   |

|                         |                     |                   |                     |
|-------------------------|---------------------|-------------------|---------------------|
| LB Number :             | LB88853             | Operator :        | Jaswal              |
| Lab Sample ID :         | I4256-02LX5         | Instrumnet Name : | P7                  |
| Client Sample ID :      | MH0CC3L             | Dilution Factor : | 5                   |
| Date & Time Acquired :: | 2017-07-19 14:38:10 | DataFile Name :   | 037SMPL_P7071917 -M |

| Parameter  | Mass  | ConRep1  | ConRep2  | ConRep3  | Avg. Conc. | ConcRSD | Units |
|------------|-------|----------|----------|----------|------------|---------|-------|
| Aluminium  | 27-2  | 7918.73  | 7765.15  | 7997.70  | 7893.86    | 1.50    | ppb   |
| Antimony   | 121-1 | 0.70     | 0.73     | 0.70     | 0.71       | 2.94    | ppb   |
| Arsenic    | 75-2  | 94.89    | 94.82    | 96.08    | 95.27      | 0.74    | ppb   |
| Barium     | 135-1 | 3.01     | 3.08     | 3.07     | 3.05       | 1.32    | ppb   |
| Barium     | 137-1 | 3.29     | 3.29     | 3.35     | 3.31       | 1.14    | ppb   |
| Beryllium  | 9-1   | 3.00     | 2.48     | 2.82     | 2.77       | 9.48    | ppb   |
| Bismuth    | 209-1 |          |          |          |            |         | %     |
| Bismuth    | 209-2 |          |          |          |            |         | %     |
| Boron      | 10-1  | 5.37     | 4.92     | 4.72     | 5.00       | 6.68    | ppb   |
| Boron      | 11-1  | 5.11     | 5.27     | 4.22     | 4.87       | 11.67   | ppb   |
| Cadmium    | 111-1 | 47.06    | 46.04    | 46.47    | 46.53      | 1.10    | ppb   |
| Cadmium    | 106-1 | 42.72    | 43.93    | 40.08    | 42.25      | 4.65    | ppb   |
| Cadmium    | 108-1 | 42.63    | 45.10    | 44.84    | 44.19      | 3.07    | ppb   |
| Calcium    | 43-1  | 21931.07 | 21576.94 | 22542.12 | 22016.71   | 2.22    | ppb   |
| Calcium    | 44-1  | 21887.56 | 21790.84 | 22746.90 | 22141.77   | 2.38    | ppb   |
| Chromium   | 52-2  | 0.97     | 0.98     | 0.96     | 0.97       | 0.99    | ppb   |
| Cobalt     | 59-2  | 27.27    | 27.34    | 27.79    | 27.47      | 1.03    | ppb   |
| Copper     | 63-2  | 363.59   | 360.12   | 368.95   | 364.22     | 1.22    | ppb   |
| Dysprosium | 156-1 |          |          |          |            |         | 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  | 1786.17  | 1770.79  | 1810.03  | 1789.00    | 1.11    | ppb   |
| Iron       | 57-2  | 1817.82  | 1756.20  | 1821.18  | 1798.40    | 2.03    | ppb   |
| Lead       | 206-1 | 26.88    | 26.06    | 26.84    | 26.59      | 1.74    | ppb   |
| Lead       | 207-1 | 24.66    | 24.36    | 25.02    | 24.68      | 1.34    | ppb   |
| Lead       | 208-1 | 25.92    | 25.30    | 26.11    | 25.78      | 1.65    | ppb   |
| Lithium    | 6-1   |          |          |          |            |         | %     |
| Magnesium  | 24-2  | 9560.10  | 9459.95  | 9678.98  | 9566.35    | 1.15    | ppb   |
| Manganese  | 55-2  | 13196.52 | 13047.81 | 13404.17 | 13216.17   | 1.35    | ppb   |

|                         |                     |                   |                     |
|-------------------------|---------------------|-------------------|---------------------|
| LB Number :             | LB88853             | Operator :        | Jaswal              |
| Lab Sample ID :         | I4256-02LX5         | Instrumnet Name : | P7                  |
| Client Sample ID :      | MH0CC3L             | Dilution Factor : | 5                   |
| Date & Time Acquired :: | 2017-07-19 14:38:10 | DataFile Name :   | 037SMPL_P7071917 -M |

| Parameter  | Mass  | ConRep1  | ConRep2  | ConRep3  | Avg. Conc. | ConcRSD | Units |
|------------|-------|----------|----------|----------|------------|---------|-------|
| Molybdenum | 94-1  | 0.13     | 0.11     | 0.11     | 0.11       | 9.73    | ppb   |
| Molybdenum | 95-1  | 0.16     | 0.14     | 0.16     | 0.15       | 8.07    | ppb   |
| Molybdenum | 96-1  | 0.00     | 0.01     | 0.01     | 0.01       | 72.21   | ppb   |
| Molybdenum | 97-1  | -0.02    | -0.03    | -0.01    | -0.02      |         | ppb   |
| Molybdenum | 98-1  | -0.03    | -0.03    | -0.03    | -0.03      |         | ppb   |
| Neodymium  | 150-1 |          |          |          |            |         | cps   |
| Neodymium  | 150-2 |          |          |          |            |         | cps   |
| Nickel     | 60-2  | 18.87    | 18.66    | 19.18    | 18.90      | 1.37    | ppb   |
| Phosphorus | 31-2  | 1.42     | -6.72    | -5.84    | -3.71      |         | ppb   |
| Potassium  | 39-2  | 1011.83  | 995.99   | 1044.69  | 1017.51    | 2.44    | ppb   |
| Rhodium    | 103-1 |          |          |          |            |         | %     |
| Rhodium    | 103-2 |          |          |          |            |         | %     |
| Scandium   | 45-1  |          |          |          |            |         | %     |
| Scandium   | 45-2  |          |          |          |            |         | %     |
| Selenium   | 77-2  | 53.94    | 52.69    | 57.34    | 54.66      | 4.41    | ppb   |
| Selenium   | 78-2  | 8.63     | 6.87     | 7.66     | 7.72       | 11.46   | ppb   |
| Selenium   | 82-1  | 2.34     | 2.35     | 1.99     | 2.23       | 9.16    | ppb   |
| Silicon    | 28-1  | 1766.71  | 1751.26  | 1838.64  | 1785.54    | 2.61    | ppb   |
| Silver     | 109-1 | 0.21     | 0.18     | 0.17     | 0.19       | 10.63   | ppb   |
| Silver     | 107-1 | 0.22     | 0.18     | 0.19     | 0.20       | 10.33   | ppb   |
| Sodium     | 23-2  | 2868.31  | 2829.45  | 2929.94  | 2875.90    | 1.76    | ppb   |
| Strontium  | 86-1  | 49.73    | 49.35    | 49.67    | 49.59      | 0.42    | ppb   |
| Strontium  | 88-1  | 50.45    | 49.63    | 50.26    | 50.11      | 0.85    | ppb   |
| Sulfur     | 34-1  | 61683.40 | 60784.14 | 63938.50 | 62135.34   | 2.62    | ppb   |
| Terbium    | 159-1 |          |          |          |            |         | %     |
| Terbium    | 159-2 |          |          |          |            |         | %     |
| Thallium   | 203-1 | -0.03    | -0.03    | -0.03    | -0.03      |         | ppb   |
| Thallium   | 205-1 | -0.03    | -0.02    | -0.03    | -0.02      |         | ppb   |
| Tin        | 118-1 | -0.03    | -0.02    | -0.03    | -0.03      |         | ppb   |
| Titanium   | 47-1  | 0.14     | 0.26     | 0.22     | 0.21       | 31.16   | ppb   |
| Uranium    | 238-1 | 18.35    | 17.77    | 18.25    | 18.12      | 1.71    | ppb   |
| Vanadium   | 51-2  | 0.00     | -0.01    | -0.02    | -0.01      |         | ppb   |
| Yttrium    | 89-1  |          |          |          |            |         | %     |
| Yttrium    | 89-2  |          |          |          |            |         | %     |
| Zinc       | 66-2  | 7238.21  | 7206.53  | 7391.40  | 7278.71    | 1.36    | ppb   |
| Zirconium  | 90-1  | 0.18     | 0.18     | 0.16     | 0.17       | 5.91    | ppb   |

|                         |                     |                   |                     |
|-------------------------|---------------------|-------------------|---------------------|
| LB Number :             | LB88853             | Operator :        | Jaswal              |
| Lab Sample ID :         | I4256-02LX5         | Instrumnet Name : | P7                  |
| Client Sample ID :      | MH0CC3L             | Dilution Factor : | 5                   |
| Date & Time Acquired :: | 2017-07-19 14:38:10 | DataFile Name :   | 037SMPL_P7071917 -M |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|-----------|------|---------|---------|---------|------------|---------|-------|
| Zirconium | 91-1 | 0.21    | 0.18    | 0.19    | 0.19       | 8.88    | ppb   |

|                         |                     |                   |                     |
|-------------------------|---------------------|-------------------|---------------------|
| LB Number :             | LB88853             | Operator :        | Jaswal              |
| Lab Sample ID :         | I4256-04            | Instrumnet Name : | P7                  |
| Client Sample ID :      | MH0CC3S             | Dilution Factor : | 1                   |
| Date & Time Acquired :: | 2017-07-19 14:41:37 | DataFile Name :   | 038SMPL_P7071917 -M |

| Parameter  | Mass  | ConRep1   | ConRep2   | ConRep3   | Avg. Conc. | ConcRSD | Units |
|------------|-------|-----------|-----------|-----------|------------|---------|-------|
| Aluminium  | 27-2  | 41617.34  | 41297.85  | 41518.98  | 41478.06   | 0.39    | ppb   |
| Antimony   | 121-1 | 99.48     | 100.14    | 97.68     | 99.10      | 1.29    | ppb   |
| Arsenic    | 75-2  | 240.35    | 240.92    | 241.39    | 240.88     | 0.22    | ppb   |
| Barium     | 135-1 | 1964.65   | 1964.71   | 1928.13   | 1952.50    | 1.08    | ppb   |
| Barium     | 137-1 | 1969.11   | 1998.43   | 1957.74   | 1975.09    | 1.06    | ppb   |
| Beryllium  | 9-1   | 63.46     | 65.16     | 65.52     | 64.71      | 1.70    | ppb   |
| Bismuth    | 209-1 |           |           |           |            |         | %     |
| Bismuth    | 209-2 |           |           |           |            |         | %     |
| Boron      | 10-1  | 12.65     | 11.81     | 14.94     | 13.13      | 12.34   | ppb   |
| Boron      | 11-1  | 13.04     | 12.44     | 13.34     | 12.94      | 3.52    | ppb   |
| Cadmium    | 111-1 | 269.89    | 273.43    | 268.63    | 270.65     | 0.92    | ppb   |
| Cadmium    | 106-1 | 252.88    | 254.42    | 250.07    | 252.46     | 0.87    | ppb   |
| Cadmium    | 108-1 | 256.82    | 257.27    | 255.10    | 256.40     | 0.45    | ppb   |
| Calcium    | 43-1  | 109976.82 | 110653.38 | 110311.73 | 110313.98  | 0.31    | ppb   |
| Calcium    | 44-1  | 110908.24 | 110118.26 | 109961.70 | 110329.40  | 0.46    | ppb   |
| Chromium   | 52-2  | 215.90    | 214.07    | 218.26    | 216.08     | 0.97    | ppb   |
| Cobalt     | 59-2  | 686.49    | 682.67    | 687.85    | 685.67     | 0.39    | ppb   |
| Copper     | 63-2  | 2092.46   | 2087.81   | 2116.50   | 2098.92    | 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  | 10078.35  | 9984.26   | 10058.81  | 10040.48   | 0.49    | ppb   |
| Iron       | 57-2  | 9991.22   | 9918.76   | 10027.00  | 9978.99    | 0.55    | ppb   |
| Lead       | 206-1 | 159.37    | 159.97    | 160.13    | 159.82     | 0.25    | ppb   |
| Lead       | 207-1 | 149.27    | 148.35    | 148.97    | 148.86     | 0.31    | ppb   |
| Lead       | 208-1 | 155.66    | 155.47    | 155.42    | 155.52     | 0.08    | ppb   |
| Lithium    | 6-1   |           |           |           |            |         | %     |
| Magnesium  | 24-2  | 47792.57  | 48062.03  | 47646.88  | 47833.83   | 0.44    | ppb   |
| Manganese  | 55-2  | 66234.80  | 65591.15  | 66534.92  | 66120.29   | 0.73    | ppb   |

|                         |                     |                   |                     |
|-------------------------|---------------------|-------------------|---------------------|
| LB Number :             | LB88853             | Operator :        | Jaswal              |
| Lab Sample ID :         | I4256-04            | Instrumnet Name : | P7                  |
| Client Sample ID :      | MH0CC3S             | Dilution Factor : | 1                   |
| Date & Time Acquired :: | 2017-07-19 14:41:37 | DataFile Name :   | 038SMPL_P7071917 -M |

| Parameter  | Mass  | ConRep1   | ConRep2   | ConRep3   | Avg. Conc. | ConcRSD | Units |
|------------|-------|-----------|-----------|-----------|------------|---------|-------|
| Molybdenum | 94-1  | 0.25      | 0.24      | 0.26      | 0.25       | 3.43    | ppb   |
| Molybdenum | 95-1  | 0.43      | 0.42      | 0.44      | 0.43       | 1.91    | ppb   |
| Molybdenum | 96-1  | 0.05      | 0.06      | 0.06      | 0.05       | 9.16    | ppb   |
| Molybdenum | 97-1  | -0.03     | -0.03     | -0.03     | -0.03      |         | ppb   |
| Molybdenum | 98-1  | -0.02     | -0.03     | -0.02     | -0.02      |         | ppb   |
| Neodymium  | 150-1 |           |           |           |            |         | cps   |
| Neodymium  | 150-2 |           |           |           |            |         | cps   |
| Nickel     | 60-2  | 643.63    | 640.67    | 647.93    | 644.08     | 0.57    | ppb   |
| Phosphorus | 31-2  | 60.56     | 60.32     | 37.11     | 52.66      | 25.58   | ppb   |
| Potassium  | 39-2  | 5076.86   | 5089.58   | 5134.42   | 5100.29    | 0.59    | ppb   |
| Rhodium    | 103-1 |           |           |           |            |         | %     |
| Rhodium    | 103-2 |           |           |           |            |         | %     |
| Scandium   | 45-1  |           |           |           |            |         | %     |
| Scandium   | 45-2  |           |           |           |            |         | %     |
| Selenium   | 77-2  | 173.98    | 162.75    | 172.34    | 169.69     | 3.58    | ppb   |
| Selenium   | 78-2  | 55.08     | 58.11     | 55.68     | 56.29      | 2.85    | ppb   |
| Selenium   | 82-1  | 42.02     | 41.42     | 42.54     | 42.00      | 1.34    | ppb   |
| Silicon    | 28-1  | 8887.87   | 8861.18   | 8850.75   | 8866.60    | 0.22    | ppb   |
| Silver     | 109-1 | 44.07     | 44.02     | 43.27     | 43.79      | 1.02    | ppb   |
| Silver     | 107-1 | 44.45     | 43.75     | 43.52     | 43.91      | 1.10    | ppb   |
| Sodium     | 23-2  | 14425.19  | 14370.28  | 14453.39  | 14416.29   | 0.29    | ppb   |
| Strontium  | 86-1  | 119.50    | 118.75    | 118.46    | 118.90     | 0.45    | ppb   |
| Strontium  | 88-1  | 121.44    | 120.92    | 120.56    | 120.97     | 0.37    | ppb   |
| Sulfur     | 34-1  | 272045.43 | 273564.82 | 274506.94 | 273372.40  | 0.45    | ppb   |
| Terbium    | 159-1 |           |           |           |            |         | %     |
| Terbium    | 159-2 |           |           |           |            |         | %     |
| Thallium   | 203-1 | 52.29     | 52.09     | 52.45     | 52.27      | 0.35    | ppb   |
| Thallium   | 205-1 | 52.98     | 53.04     | 53.18     | 53.07      | 0.19    | ppb   |
| Tin        | 118-1 | -0.04     | -0.03     | -0.03     | -0.03      |         | ppb   |
| Titanium   | 47-1  | 1.10      | 1.23      | 1.07      | 1.13       | 7.34    | ppb   |
| Uranium    | 238-1 | 97.03     | 97.86     | 97.90     | 97.60      | 0.50    | ppb   |
| Vanadium   | 51-2  | 531.99    | 526.30    | 530.46    | 529.59     | 0.56    | ppb   |
| Yttrium    | 89-1  |           |           |           |            |         | %     |
| Yttrium    | 89-2  |           |           |           |            |         | %     |
| Zinc       | 66-2  | 36783.79  | 36529.63  | 36840.93  | 36718.12   | 0.45    | ppb   |
| Zirconium  | 90-1  | 0.37      | 0.37      | 0.38      | 0.37       | 1.36    | ppb   |

|                         |                     |                   |                     |
|-------------------------|---------------------|-------------------|---------------------|
| LB Number :             | LB88853             | Operator :        | Jaswal              |
| Lab Sample ID :         | I4256-04            | Instrumnet Name : | P7                  |
| Client Sample ID :      | MH0CC3S             | Dilution Factor : | 1                   |
| Date & Time Acquired :: | 2017-07-19 14:41:37 | DataFile Name :   | 038SMPL_P7071917 -M |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|-----------|------|---------|---------|---------|------------|---------|-------|
| Zirconium | 91-1 | 0.44    | 0.44    | 0.39    | 0.42       | 7.40    | ppb   |

|                         |                     |                   |                     |
|-------------------------|---------------------|-------------------|---------------------|
| LB Number :             | LB88853             | Operator :        | Jaswal              |
| Lab Sample ID :         | I4256-05            | Instrumnet Name : | P7                  |
| Client Sample ID :      | MH0CC5              | Dilution Factor : | 1                   |
| Date & Time Acquired :: | 2017-07-19 14:45:00 | DataFile Name :   | 039SMPL_P7071917 -M |

| Parameter  | Mass  | ConRep1   | ConRep2   | ConRep3   | Avg. Conc. | ConcRSD | Units |
|------------|-------|-----------|-----------|-----------|------------|---------|-------|
| Aluminium  | 27-2  | 19880.59  | 19957.43  | 20001.94  | 19946.66   | 0.31    | ppb   |
| Antimony   | 121-1 | 1.92      | 1.97      | 1.95      | 1.94       | 1.40    | ppb   |
| Arsenic    | 75-2  | 333.96    | 332.10    | 331.51    | 332.52     | 0.38    | ppb   |
| Barium     | 135-1 | 3.31      | 3.38      | 3.74      | 3.48       | 6.58    | ppb   |
| Barium     | 137-1 | 3.47      | 3.36      | 3.54      | 3.46       | 2.53    | ppb   |
| Beryllium  | 9-1   | 13.36     | 12.90     | 13.30     | 13.19      | 1.90    | ppb   |
| Bismuth    | 209-1 |           |           |           |            |         | %     |
| Bismuth    | 209-2 |           |           |           |            |         | %     |
| Boron      | 10-1  | 61.20     | 65.56     | 61.44     | 62.73      | 3.91    | ppb   |
| Boron      | 11-1  | 61.26     | 66.21     | 65.55     | 64.34      | 4.17    | ppb   |
| Cadmium    | 111-1 | 803.25    | 801.44    | 798.70    | 801.13     | 0.29    | ppb   |
| Cadmium    | 106-1 | 738.04    | 738.22    | 737.40    | 737.89     | 0.06    | ppb   |
| Cadmium    | 108-1 | 787.75    | 774.14    | 778.94    | 780.28     | 0.88    | ppb   |
| Calcium    | 43-1  | 455358.73 | 462139.83 | 462929.78 | 460142.78  | 0.90    | ppb   |
| Calcium    | 44-1  | 458992.69 | 459575.81 | 461165.97 | 459911.49  | 0.24    | ppb   |
| Chromium   | 52-2  | 4.57      | 4.59      | 4.75      | 4.64       | 2.19    | ppb   |
| Cobalt     | 59-2  | 1530.17   | 1545.06   | 1558.47   | 1544.57    | 0.92    | ppb   |
| Copper     | 63-2  | 6130.87   | 6131.88   | 6245.94   | 6169.56    | 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  | 156783.13 | 158937.57 | 159017.14 | 158245.95  | 0.80    | ppb   |
| Iron       | 57-2  | 156146.32 | 157845.29 | 158802.64 | 157598.08  | 0.85    | ppb   |
| Lead       | 206-1 | 3.42      | 3.30      | 3.40      | 3.37       | 1.89    | ppb   |
| Lead       | 207-1 | 3.14      | 3.31      | 3.19      | 3.21       | 2.67    | ppb   |
| Lead       | 208-1 | 3.32      | 3.33      | 3.37      | 3.34       | 0.85    | ppb   |
| Lithium    | 6-1   |           |           |           |            |         | %     |
| Magnesium  | 24-2  | 184225.44 | 184302.47 | 185886.26 | 184804.72  | 0.51    | ppb   |
| Manganese  | 55-2  | 239675.45 | 242527.08 | 243407.28 | 241869.94  | 0.81    | ppb   |



|                         |                     |                   |                     |
|-------------------------|---------------------|-------------------|---------------------|
| LB Number :             | LB88853             | Operator :        | Jaswal              |
| Lab Sample ID :         | I4256-05            | Instrumnet Name : | P7                  |
| Client Sample ID :      | MH0CC5              | Dilution Factor : | 1                   |
| Date & Time Acquired :: | 2017-07-19 14:45:00 | DataFile Name :   | 039SMPL_P7071917 -M |

| Parameter  | Mass  | ConRep1   | ConRep2   | ConRep3   | Avg. Conc. | ConcRSD | Units |
|------------|-------|-----------|-----------|-----------|------------|---------|-------|
| Molybdenum | 94-1  | 0.17      | 0.16      | 0.14      | 0.16       | 6.62    | ppb   |
| Molybdenum | 95-1  | 1.23      | 1.23      | 1.22      | 1.22       | 0.44    | ppb   |
| Molybdenum | 96-1  | 0.28      | 0.26      | 0.25      | 0.26       | 6.15    | ppb   |
| Molybdenum | 97-1  | 0.00      | -0.01     | 0.00      | 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  | 473.51    | 478.42    | 483.25    | 478.39     | 1.02    | ppb   |
| Phosphorus | 31-2  | 3.13      | -4.62     | 33.96     | 10.82      | 188.60  | ppb   |
| Potassium  | 39-2  | 15251.33  | 15319.31  | 15424.48  | 15331.71   | 0.57    | ppb   |
| Rhodium    | 103-1 |           |           |           |            |         | %     |
| Rhodium    | 103-2 |           |           |           |            |         | %     |
| Scandium   | 45-1  |           |           |           |            |         | %     |
| Scandium   | 45-2  |           |           |           |            |         | %     |
| Selenium   | 77-2  | 115.83    | 115.30    | 114.71    | 115.28     | 0.49    | ppb   |
| Selenium   | 78-2  | 15.61     | 16.48     | 16.04     | 16.04      | 2.70    | ppb   |
| Selenium   | 82-1  | 4.45      | 4.60      | 4.50      | 4.51       | 1.71    | ppb   |
| Silicon    | 28-1  | 11368.30  | 11438.76  | 11486.95  | 11431.34   | 0.52    | ppb   |
| Silver     | 109-1 | 0.55      | 0.61      | 0.55      | 0.57       | 5.74    | ppb   |
| Silver     | 107-1 | 0.77      | 0.83      | 0.77      | 0.79       | 4.24    | ppb   |
| Sodium     | 23-2  | 56930.16  | 56998.55  | 57374.15  | 57100.95   | 0.42    | ppb   |
| Strontium  | 86-1  | 483.43    | 479.69    | 484.32    | 482.48     | 0.51    | ppb   |
| Strontium  | 88-1  | 482.38    | 482.03    | 483.39    | 482.60     | 0.15    | ppb   |
| Sulfur     | 34-1  | 874773.80 | 881793.28 | 885814.55 | 880793.88  | 0.63    | ppb   |
| Terbium    | 159-1 |           |           |           |            |         | %     |
| Terbium    | 159-2 |           |           |           |            |         | %     |
| Thallium   | 203-1 | 0.46      | 0.49      | 0.43      | 0.46       | 5.76    | ppb   |
| Thallium   | 205-1 | 0.54      | 0.52      | 0.50      | 0.52       | 3.43    | ppb   |
| Tin        | 118-1 | -0.05     | -0.05     | -0.04     | -0.05      |         | ppb   |
| Titanium   | 47-1  | 1.22      | 1.04      | 1.05      | 1.10       | 9.29    | ppb   |
| Uranium    | 238-1 | 106.80    | 107.91    | 107.23    | 107.31     | 0.52    | ppb   |
| Vanadium   | 51-2  | 0.29      | 0.29      | 0.35      | 0.31       | 11.84   | ppb   |
| Yttrium    | 89-1  |           |           |           |            |         | %     |
| Yttrium    | 89-2  |           |           |           |            |         | %     |
| Zinc       | 66-2  | 185536.02 | 187408.51 | 187838.63 | 186927.72  | 0.65    | ppb   |
| Zirconium  | 90-1  | 0.23      | 0.22      | 0.21      | 0.22       | 4.47    | ppb   |

|                         |                     |                   |                     |
|-------------------------|---------------------|-------------------|---------------------|
| LB Number :             | LB88853             | Operator :        | Jaswal              |
| Lab Sample ID :         | I4256-05            | Instrumnet Name : | P7                  |
| Client Sample ID :      | MH0CC5              | Dilution Factor : | 1                   |
| Date & Time Acquired :: | 2017-07-19 14:45:00 | DataFile Name :   | 039SMPL_P7071917 -M |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|-----------|------|---------|---------|---------|------------|---------|-------|
| Zirconium | 91-1 | 0.29    | 0.31    | 0.28    | 0.29       | 3.99    | ppb   |

|                         |                     |                   |                     |
|-------------------------|---------------------|-------------------|---------------------|
| LB Number :             | LB88853             | Operator :        | Jaswal              |
| Lab Sample ID :         | I4255-01DL3X500     | Instrumnet Name : | P7                  |
| Client Sample ID :      | MH0CC0              | Dilution Factor : | 500                 |
| Date & Time Acquired :: | 2017-07-19 14:48:30 | DataFile Name :   | 040SMPL_P7071917 -M |

| Parameter  | Mass  | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|------------|-------|---------|---------|---------|------------|---------|-------|
| Aluminium  | 27-2  | 0.79    | 0.22    | 0.71    | 0.58       | 53.39   | ppb   |
| Antimony   | 121-1 | 0.03    | 0.03    | 0.02    | 0.03       | 14.65   | ppb   |
| Arsenic    | 75-2  | 0.38    | 0.48    | 0.45    | 0.44       | 11.61   | ppb   |
| Barium     | 135-1 | 0.01    | 0.07    | 0.06    | 0.05       | 71.42   | ppb   |
| Barium     | 137-1 | 0.09    | 0.09    | 0.12    | 0.10       | 17.84   | ppb   |
| Beryllium  | 9-1   | 0.03    | 0.05    | 0.05    | 0.04       | 35.52   | ppb   |
| Bismuth    | 209-1 |         |         |         |            |         | %     |
| Bismuth    | 209-2 |         |         |         |            |         | %     |
| Boron      | 10-1  | 4.28    | 4.88    | 4.21    | 4.46       | 8.29    | ppb   |
| Boron      | 11-1  | 5.03    | 4.50    | 4.74    | 4.76       | 5.59    | ppb   |
| Cadmium    | 111-1 | -0.12   | -0.18   | -0.20   | -0.17      |         | ppb   |
| Cadmium    | 106-1 | -1.55   | -2.40   | -2.34   | -2.09      |         | ppb   |
| Cadmium    | 108-1 | -0.05   | 0.12    | 0.19    | 0.09       | 146.17  | ppb   |
| Calcium    | 43-1  | 469.39  | 468.16  | 455.59  | 464.38     | 1.64    | ppb   |
| Calcium    | 44-1  | 471.19  | 457.72  | 486.76  | 471.89     | 3.08    | ppb   |
| Chromium   | 52-2  | 0.00    | -0.04   | 0.02    | -0.01      |         | ppb   |
| Cobalt     | 59-2  | 0.12    | 0.12    | 0.17    | 0.14       | 19.48   | ppb   |
| Copper     | 63-2  | 0.46    | 0.46    | 0.45    | 0.46       | 1.45    | 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  | 13.64   | 13.57   | 14.38   | 13.86      | 3.23    | ppb   |
| Iron       | 57-2  | 12.31   | 13.33   | 15.11   | 13.58      | 10.42   | ppb   |
| Lead       | 206-1 | -0.10   | -0.10   | -0.09   | -0.10      |         | ppb   |
| Lead       | 207-1 | -0.09   | -0.09   | -0.09   | -0.09      |         | ppb   |
| Lead       | 208-1 | -0.08   | -0.09   | -0.08   | -0.08      |         | ppb   |
| Lithium    | 6-1   |         |         |         |            |         | %     |
| Magnesium  | 24-2  | 90.68   | 91.74   | 102.38  | 94.94      | 6.81    | ppb   |
| Manganese  | 55-2  | 138.08  | 137.47  | 144.06  | 139.87     | 2.60    | ppb   |

|                         |                     |                   |                     |
|-------------------------|---------------------|-------------------|---------------------|
| LB Number :             | LB88853             | Operator :        | Jaswal              |
| Lab Sample ID :         | I4255-01DL3X500     | Instrumnet Name : | P7                  |
| Client Sample ID :      | MH0CC0              | Dilution Factor : | 500                 |
| Date & Time Acquired :: | 2017-07-19 14:48:30 | DataFile Name :   | 040SMPL_P7071917 -M |

| Parameter  | Mass  | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|------------|-------|---------|---------|---------|------------|---------|-------|
| Molybdenum | 94-1  | -0.01   | 0.00    | -0.01   | -0.01      |         | ppb   |
| Molybdenum | 95-1  | -0.05   | -0.04   | -0.05   | -0.05      |         | ppb   |
| Molybdenum | 96-1  | -0.02   | -0.03   | -0.02   | -0.02      |         | ppb   |
| Molybdenum | 97-1  | -0.03   | -0.02   | -0.03   | -0.03      |         | ppb   |
| Molybdenum | 98-1  | -0.04   | -0.04   | -0.04   | -0.04      |         | ppb   |
| Neodymium  | 150-1 |         |         |         |            |         | cps   |
| Neodymium  | 150-2 |         |         |         |            |         | cps   |
| Nickel     | 60-2  | -0.16   | -0.06   | -0.05   | -0.09      |         | ppb   |
| Phosphorus | 31-2  | -5.20   | -21.04  | 10.68   | -5.19      |         | ppb   |
| Potassium  | 39-2  | 22.40   | 26.55   | 26.66   | 25.20      | 9.62    | ppb   |
| Rhodium    | 103-1 |         |         |         |            |         | %     |
| Rhodium    | 103-2 |         |         |         |            |         | %     |
| Scandium   | 45-1  |         |         |         |            |         | %     |
| Scandium   | 45-2  |         |         |         |            |         | %     |
| Selenium   | 77-2  | 0.67    | 0.00    | 0.00    | 0.22       | 173.21  | ppb   |
| Selenium   | 78-2  | -0.72   | -1.28   | -1.27   | -1.09      |         | ppb   |
| Selenium   | 82-1  | 0.18    | 1.52    | 0.46    | 0.72       | 97.66   | ppb   |
| Silicon    | 28-1  | 17.56   | 14.54   | 17.88   | 16.66      | 11.06   | ppb   |
| Silver     | 109-1 | 0.08    | 0.08    | 0.08    | 0.08       | 3.99    | ppb   |
| Silver     | 107-1 | 0.07    | 0.08    | 0.08    | 0.08       | 4.05    | ppb   |
| Sodium     | 23-2  | 82.74   | 75.20   | 83.44   | 80.46      | 5.68    | ppb   |
| Strontium  | 86-1  | 1.38    | 1.43    | 1.53    | 1.44       | 5.36    | ppb   |
| Strontium  | 88-1  | 1.40    | 1.36    | 1.42    | 1.39       | 2.36    | ppb   |
| Sulfur     | 34-1  | -318.92 | -635.36 | -90.31  | -348.20    |         | ppb   |
| Terbium    | 159-1 |         |         |         |            |         | %     |
| Terbium    | 159-2 |         |         |         |            |         | %     |
| Thallium   | 203-1 | -0.04   | -0.04   | -0.05   | -0.04      |         | ppb   |
| Thallium   | 205-1 | -0.03   | -0.04   | -0.04   | -0.04      |         | ppb   |
| Tin        | 118-1 | -0.03   | -0.02   | 0.68    | 0.21       | 192.36  | ppb   |
| Titanium   | 47-1  | 0.02    | 0.05    | 0.07    | 0.05       | 52.47   | ppb   |
| Uranium    | 238-1 | -0.06   | -0.06   | -0.06   | -0.06      |         | ppb   |
| Vanadium   | 51-2  | -0.02   | -0.02   | -0.02   | -0.02      |         | ppb   |
| Yttrium    | 89-1  |         |         |         |            |         | %     |
| Yttrium    | 89-2  |         |         |         |            |         | %     |
| Zinc       | 66-2  | 23.02   | 22.41   | 23.21   | 22.88      | 1.82    | ppb   |
| Zirconium  | 90-1  | 0.00    | 0.00    | 0.00    | 0.00       |         | ppb   |

|                         |                     |                   |                     |
|-------------------------|---------------------|-------------------|---------------------|
| LB Number :             | LB88853             | Operator :        | Jaswal              |
| Lab Sample ID :         | I4255-01DL3X500     | Instrumnet Name : | P7                  |
| Client Sample ID :      | MH0CC0              | Dilution Factor : | 500                 |
| Date & Time Acquired :: | 2017-07-19 14:48:30 | DataFile Name :   | 040SMPL_P7071917 -M |

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

|                         |                     |                   |                     |
|-------------------------|---------------------|-------------------|---------------------|
| LB Number :             | LB88853             | Operator :        | Jaswal              |
| Lab Sample ID :         | I4255-02DL3X500     | Instrumnet Name : | P7                  |
| Client Sample ID :      | MH0CC1              | Dilution Factor : | 500                 |
| Date & Time Acquired :: | 2017-07-19 14:51:58 | DataFile Name :   | 041SMPL_P7071917 -M |

| Parameter  | Mass  | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|------------|-------|---------|---------|---------|------------|---------|-------|
| Aluminium  | 27-2  | 35.42   | 32.71   | 40.84   | 36.32      | 11.40   | ppb   |
| Antimony   | 121-1 | 0.02    | 0.03    | 0.03    | 0.03       | 29.95   | ppb   |
| Arsenic    | 75-2  | 0.74    | 0.66    | 0.56    | 0.65       | 13.41   | ppb   |
| Barium     | 135-1 | -0.07   | -0.06   | -0.07   | -0.07      |         | ppb   |
| Barium     | 137-1 | -0.04   | -0.02   | -0.04   | -0.03      |         | ppb   |
| Beryllium  | 9-1   | -0.02   | -0.03   | -0.01   | -0.02      |         | ppb   |
| Bismuth    | 209-1 |         |         |         |            |         | %     |
| Bismuth    | 209-2 |         |         |         |            |         | %     |
| Boron      | 10-1  | 2.23    | 1.99    | 2.60    | 2.28       | 13.49   | ppb   |
| Boron      | 11-1  | 2.05    | 2.34    | 2.79    | 2.39       | 15.71   | ppb   |
| Cadmium    | 111-1 | 0.76    | 0.89    | 0.72    | 0.79       | 11.38   | ppb   |
| Cadmium    | 106-1 | -1.58   | 0.13    | -2.82   | -1.43      |         | ppb   |
| Cadmium    | 108-1 | 1.10    | 0.97    | 0.86    | 0.98       | 12.14   | ppb   |
| Calcium    | 43-1  | 525.74  | 487.03  | 523.50  | 512.09     | 4.24    | ppb   |
| Calcium    | 44-1  | 507.82  | 473.39  | 493.06  | 491.42     | 3.52    | ppb   |
| Chromium   | 52-2  | 0.04    | -0.04   | 0.02    | 0.00       | 1147.86 | ppb   |
| Cobalt     | 59-2  | 1.45    | 1.48    | 1.48    | 1.47       | 1.19    | ppb   |
| Copper     | 63-2  | 9.25    | 9.45    | 9.79    | 9.49       | 2.90    | ppb   |
| Dysprosium | 156-1 |         |         |         |            |         | cps   |
| Dysprosium | 156-2 |         |         |         |            |         | cps   |
| Erbium     | 164-1 |         |         |         |            |         | cps   |
| Erbium     | 164-2 |         |         |         |            |         | cps   |
| Gadolinium | 160-1 |         |         |         |            |         | cps   |
| Gadolinium | 160-2 |         |         |         |            |         | cps   |
| Holmium    | 165-1 |         |         |         |            |         | %     |
| Holmium    | 165-2 |         |         |         |            |         | %     |
| Indium     | 115-1 |         |         |         |            |         | %     |
| Indium     | 115-2 |         |         |         |            |         | %     |
| Iron       | 56-2  | 63.82   | 63.41   | 65.66   | 64.30      | 1.86    | ppb   |
| Iron       | 57-2  | 68.23   | 63.10   | 69.30   | 66.88      | 4.96    | ppb   |
| Lead       | 206-1 | -0.01   | -0.01   | -0.01   | -0.01      |         | ppb   |
| Lead       | 207-1 | 0.02    | 0.00    | -0.01   | 0.00       | 398.54  | ppb   |
| Lead       | 208-1 | 0.01    | -0.01   | 0.00    | 0.00       | 438.34  | ppb   |
| Lithium    | 6-1   |         |         |         |            |         | %     |
| Magnesium  | 24-2  | 187.81  | 188.29  | 190.04  | 188.71     | 0.62    | ppb   |
| Manganese  | 55-2  | 268.30  | 264.76  | 277.00  | 270.02     | 2.33    | ppb   |

|                         |                     |                   |                     |
|-------------------------|---------------------|-------------------|---------------------|
| LB Number :             | LB88853             | Operator :        | Jaswal              |
| Lab Sample ID :         | I4255-02DL3X500     | Instrumnet Name : | P7                  |
| Client Sample ID :      | MH0CC1              | Dilution Factor : | 500                 |
| Date & Time Acquired :: | 2017-07-19 14:51:58 | DataFile Name :   | 041SMPL_P7071917 -M |

| Parameter  | Mass  | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|------------|-------|---------|---------|---------|------------|---------|-------|
| Molybdenum | 94-1  | -0.02   | -0.01   | -0.01   | -0.01      |         | ppb   |
| Molybdenum | 95-1  | -0.05   | -0.06   | -0.03   | -0.05      |         | ppb   |
| Molybdenum | 96-1  | -0.02   | -0.03   | -0.02   | -0.03      |         | ppb   |
| Molybdenum | 97-1  | -0.04   | -0.01   | -0.02   | -0.02      |         | ppb   |
| Molybdenum | 98-1  | -0.03   | -0.04   | -0.04   | -0.04      |         | ppb   |
| Neodymium  | 150-1 |         |         |         |            |         | cps   |
| Neodymium  | 150-2 |         |         |         |            |         | cps   |
| Nickel     | 60-2  | 0.46    | 0.45    | 0.31    | 0.41       | 19.73   | ppb   |
| Phosphorus | 31-2  | -0.21   | 1.96    | -19.27  | -5.84      |         | ppb   |
| Potassium  | 39-2  | 39.20   | 41.62   | 40.38   | 40.40      | 3.00    | ppb   |
| Rhodium    | 103-1 |         |         |         |            |         | %     |
| Rhodium    | 103-2 |         |         |         |            |         | %     |
| Scandium   | 45-1  |         |         |         |            |         | %     |
| Scandium   | 45-2  |         |         |         |            |         | %     |
| Selenium   | 77-2  | 0.00    | 0.00    | 0.00    | 0.00       | N/A     | ppb   |
| Selenium   | 78-2  | 0.08    | -0.19   | -0.96   | -0.35      |         | ppb   |
| Selenium   | 82-1  | -0.18   | 1.28    | 0.59    | 0.56       | 129.84  | ppb   |
| Silicon    | 28-1  | 14.36   | 11.75   | 15.45   | 13.85      | 13.74   | ppb   |
| Silver     | 109-1 | 0.06    | 0.06    | 0.06    | 0.06       | 2.04    | ppb   |
| Silver     | 107-1 | 0.07    | 0.05    | 0.05    | 0.05       | 21.87   | ppb   |
| Sodium     | 23-2  | 101.71  | 101.21  | 105.02  | 102.65     | 2.01    | ppb   |
| Strontium  | 86-1  | 1.85    | 1.91    | 2.00    | 1.92       | 3.99    | ppb   |
| Strontium  | 88-1  | 1.83    | 1.77    | 1.87    | 1.83       | 2.75    | ppb   |
| Sulfur     | 34-1  | 612.24  | 100.53  | 724.14  | 478.97     | 69.42   | ppb   |
| Terbium    | 159-1 |         |         |         |            |         | %     |
| Terbium    | 159-2 |         |         |         |            |         | %     |
| Thallium   | 203-1 | -0.04   | -0.05   | -0.04   | -0.04      |         | ppb   |
| Thallium   | 205-1 | -0.03   | -0.03   | -0.03   | -0.03      |         | ppb   |
| Tin        | 118-1 | -0.02   | 0.01    | -0.01   | -0.01      |         | ppb   |
| Titanium   | 47-1  | 0.03    | 0.09    | 0.03    | 0.05       | 63.58   | ppb   |
| Uranium    | 238-1 | 0.12    | 0.10    | 0.13    | 0.12       | 11.70   | ppb   |
| Vanadium   | 51-2  | -0.03   | -0.03   | -0.03   | -0.03      |         | ppb   |
| Yttrium    | 89-1  |         |         |         |            |         | %     |
| Yttrium    | 89-2  |         |         |         |            |         | %     |
| Zinc       | 66-2  | 219.25  | 216.58  | 231.14  | 222.33     | 3.49    | ppb   |
| Zirconium  | 90-1  | 0.00    | -0.01   | 0.00    | 0.00       |         | ppb   |

|                         |                     |                   |                     |
|-------------------------|---------------------|-------------------|---------------------|
| LB Number :             | LB88853             | Operator :        | Jaswal              |
| Lab Sample ID :         | I4255-02DL3X500     | Instrumnet Name : | P7                  |
| Client Sample ID :      | MH0CC1              | Dilution Factor : | 500                 |
| Date & Time Acquired :: | 2017-07-19 14:51:58 | DataFile Name :   | 041SMPL_P7071917 -M |

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



|                         |                     |                   |                     |
|-------------------------|---------------------|-------------------|---------------------|
| LB Number :             | LB88853             | Operator :        | Jaswal              |
| Lab Sample ID :         | I4255-03DL3X500     | Instrumnet Name : | P7                  |
| Client Sample ID :      | MH0CC4              | Dilution Factor : | 500                 |
| Date & Time Acquired :: | 2017-07-19 14:55:26 | DataFile Name :   | 042SMPL_P7071917 -M |

| Parameter  | Mass  | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|------------|-------|---------|---------|---------|------------|---------|-------|
| Aluminium  | 27-2  | 78.91   | 78.95   | 82.58   | 80.15      | 2.63    | ppb   |
| Antimony   | 121-1 | 0.02    | 0.04    | 0.03    | 0.03       | 24.54   | ppb   |
| Arsenic    | 75-2  | 1.52    | 1.47    | 1.53    | 1.51       | 2.18    | ppb   |
| Barium     | 135-1 | -0.06   | -0.09   | -0.07   | -0.07      |         | ppb   |
| Barium     | 137-1 | -0.05   | -0.03   | -0.04   | -0.04      |         | ppb   |
| Beryllium  | 9-1   | 0.13    | 0.03    | -0.05   | 0.04       | 223.15  | ppb   |
| Bismuth    | 209-1 |         |         |         |            |         | %     |
| Bismuth    | 209-2 |         |         |         |            |         | %     |
| Boron      | 10-1  | 1.45    | 1.53    | 1.26    | 1.41       | 9.57    | ppb   |
| Boron      | 11-1  | 2.07    | 1.78    | 1.71    | 1.85       | 10.28   | ppb   |
| Cadmium    | 111-1 | 0.29    | 0.24    | 0.29    | 0.27       | 10.80   | ppb   |
| Cadmium    | 106-1 | -1.50   | -1.93   | -1.11   | -1.52      |         | ppb   |
| Cadmium    | 108-1 | 0.52    | 0.45    | 0.39    | 0.45       | 14.20   | ppb   |
| Calcium    | 43-1  | 226.57  | 211.34  | 222.68  | 220.19     | 3.59    | ppb   |
| Calcium    | 44-1  | 224.71  | 224.20  | 219.89  | 222.93     | 1.19    | ppb   |
| Chromium   | 52-2  | 0.03    | 0.00    | 0.00    | 0.01       | 209.54  | ppb   |
| Cobalt     | 59-2  | 0.21    | 0.27    | 0.25    | 0.24       | 11.06   | ppb   |
| Copper     | 63-2  | 3.84    | 3.92    | 3.75    | 3.84       | 2.28    | ppb   |
| Dysprosium | 156-1 |         |         |         |            |         | cps   |
| Dysprosium | 156-2 |         |         |         |            |         | cps   |
| Erbium     | 164-1 |         |         |         |            |         | cps   |
| Erbium     | 164-2 |         |         |         |            |         | cps   |
| Gadolinium | 160-1 |         |         |         |            |         | cps   |
| Gadolinium | 160-2 |         |         |         |            |         | cps   |
| Holmium    | 165-1 |         |         |         |            |         | %     |
| Holmium    | 165-2 |         |         |         |            |         | %     |
| Indium     | 115-1 |         |         |         |            |         | %     |
| Indium     | 115-2 |         |         |         |            |         | %     |
| Iron       | 56-2  | 21.35   | 22.36   | 21.81   | 21.84      | 2.31    | ppb   |
| Iron       | 57-2  | 23.23   | 19.03   | 21.36   | 21.21      | 9.92    | ppb   |
| Lead       | 206-1 | 0.20    | 0.21    | 0.20    | 0.20       | 2.91    | ppb   |
| Lead       | 207-1 | 0.26    | 0.18    | 0.15    | 0.20       | 28.81   | ppb   |
| Lead       | 208-1 | 0.22    | 0.20    | 0.18    | 0.20       | 7.90    | ppb   |
| Lithium    | 6-1   |         |         |         |            |         | %     |
| Magnesium  | 24-2  | 91.75   | 103.51  | 89.04   | 94.77      | 8.12    | ppb   |
| Manganese  | 55-2  | 133.51  | 143.57  | 135.68  | 137.59     | 3.85    | ppb   |

|                         |                     |                   |                     |
|-------------------------|---------------------|-------------------|---------------------|
| LB Number :             | LB88853             | Operator :        | Jaswal              |
| Lab Sample ID :         | I4255-03DL3X500     | Instrumnet Name : | P7                  |
| Client Sample ID :      | MH0CC4              | Dilution Factor : | 500                 |
| Date & Time Acquired :: | 2017-07-19 14:55:26 | DataFile Name :   | 042SMPL_P7071917 -M |

| Parameter  | Mass  | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|------------|-------|---------|---------|---------|------------|---------|-------|
| Molybdenum | 94-1  | -0.01   | 0.00    | 0.00    | 0.00       |         | ppb   |
| Molybdenum | 95-1  | -0.05   | -0.05   | -0.05   | -0.05      |         | ppb   |
| Molybdenum | 96-1  | -0.02   | -0.03   | -0.03   | -0.03      |         | ppb   |
| Molybdenum | 97-1  | -0.03   | -0.03   | -0.02   | -0.02      |         | ppb   |
| Molybdenum | 98-1  | -0.04   | -0.03   | -0.03   | -0.03      |         | ppb   |
| Neodymium  | 150-1 |         |         |         |            |         | cps   |
| Neodymium  | 150-2 |         |         |         |            |         | cps   |
| Nickel     | 60-2  | 0.02    | 0.05    | 0.09    | 0.06       | 63.00   | ppb   |
| Phosphorus | 31-2  | -11.75  | -3.71   | -2.85   | -6.10      |         | ppb   |
| Potassium  | 39-2  | 15.48   | 37.89   | 30.89   | 28.09      | 40.81   | ppb   |
| Rhodium    | 103-1 |         |         |         |            |         | %     |
| Rhodium    | 103-2 |         |         |         |            |         | %     |
| Scandium   | 45-1  |         |         |         |            |         | %     |
| Scandium   | 45-2  |         |         |         |            |         | %     |
| Selenium   | 77-2  | 0.70    | 0.73    | 0.70    | 0.71       | 2.22    | ppb   |
| Selenium   | 78-2  | -1.49   | -0.76   | -2.05   | -1.43      |         | ppb   |
| Selenium   | 82-1  | -0.03   | 0.69    | -0.17   | 0.16       | 283.33  | ppb   |
| Silicon    | 28-1  | 18.76   | 16.78   | 15.48   | 17.01      | 9.71    | ppb   |
| Silver     | 109-1 | 0.05    | 0.04    | 0.04    | 0.04       | 15.43   | ppb   |
| Silver     | 107-1 | 0.04    | 0.04    | 0.04    | 0.04       | 8.66    | ppb   |
| Sodium     | 23-2  | 62.92   | 69.98   | 63.12   | 65.34      | 6.15    | ppb   |
| Strontium  | 86-1  | 0.71    | 0.63    | 0.75    | 0.70       | 8.87    | ppb   |
| Strontium  | 88-1  | 0.68    | 0.69    | 0.66    | 0.68       | 2.22    | ppb   |
| Sulfur     | 34-1  | -75.84  | -123.37 | -244.24 | -147.82    |         | ppb   |
| Terbium    | 159-1 |         |         |         |            |         | %     |
| Terbium    | 159-2 |         |         |         |            |         | %     |
| Thallium   | 203-1 | -0.03   | -0.04   | -0.04   | -0.04      |         | ppb   |
| Thallium   | 205-1 | -0.03   | -0.03   | -0.03   | -0.03      |         | ppb   |
| Tin        | 118-1 | 0.03    | 0.02    | -0.02   | 0.01       | 206.05  | ppb   |
| Titanium   | 47-1  | 0.03    | 0.02    | 0.07    | 0.04       | 69.96   | ppb   |
| Uranium    | 238-1 | 0.11    | 0.11    | 0.11    | 0.11       | 2.22    | ppb   |
| Vanadium   | 51-2  | -0.03   | -0.03   | -0.03   | -0.03      |         | ppb   |
| Yttrium    | 89-1  |         |         |         |            |         | %     |
| Yttrium    | 89-2  |         |         |         |            |         | %     |
| Zinc       | 66-2  | 72.76   | 76.67   | 75.09   | 74.84      | 2.63    | ppb   |
| Zirconium  | 90-1  | 0.00    | 0.00    | 0.01    | 0.00       | 173.28  | ppb   |

|                         |                     |                   |                     |
|-------------------------|---------------------|-------------------|---------------------|
| LB Number :             | LB88853             | Operator :        | Jaswal              |
| Lab Sample ID :         | I4255-03DL3X500     | Instrumnet Name : | P7                  |
| Client Sample ID :      | MH0CC4              | Dilution Factor : | 500                 |
| Date & Time Acquired :: | 2017-07-19 14:55:26 | DataFile Name :   | 042SMPL_P7071917 -M |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|-----------|------|---------|---------|---------|------------|---------|-------|
| Zirconium | 91-1 | -0.01   | 0.02    | 0.02    | 0.01       | 148.00  | ppb   |

|                         |                     |                   |                     |
|-------------------------|---------------------|-------------------|---------------------|
| LB Number :             | LB88853             | Operator :        | Jaswal              |
| Lab Sample ID :         | I4255-04DL3X500     | Instrumnet Name : | P7                  |
| Client Sample ID :      | MH0CC4D             | Dilution Factor : | 500                 |
| Date & Time Acquired :: | 2017-07-19 14:58:54 | DataFile Name :   | 043SMPL_P7071917 -M |

| Parameter  | Mass  | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|------------|-------|---------|---------|---------|------------|---------|-------|
| Aluminium  | 27-2  | 78.42   | 84.89   | 86.75   | 83.35      | 5.25    | ppb   |
| Antimony   | 121-1 | 0.03    | 0.03    | 0.03    | 0.03       | 2.12    | ppb   |
| Arsenic    | 75-2  | 1.23    | 1.32    | 1.70    | 1.42       | 17.74   | ppb   |
| Barium     | 135-1 | -0.09   | -0.09   | -0.07   | -0.08      |         | ppb   |
| Barium     | 137-1 | -0.05   | -0.02   | -0.03   | -0.03      |         | ppb   |
| Beryllium  | 9-1   | 0.04    | -0.06   | -0.01   | -0.01      |         | ppb   |
| Bismuth    | 209-1 |         |         |         |            |         | %     |
| Bismuth    | 209-2 |         |         |         |            |         | %     |
| Boron      | 10-1  | 1.56    | 1.08    | 0.91    | 1.18       | 28.28   | ppb   |
| Boron      | 11-1  | 1.38    | 1.52    | 1.10    | 1.33       | 15.97   | ppb   |
| Cadmium    | 111-1 | 0.26    | 0.40    | 0.27    | 0.31       | 25.68   | ppb   |
| Cadmium    | 106-1 | -2.25   | 0.01    | -1.31   | -1.19      |         | ppb   |
| Cadmium    | 108-1 | 0.49    | 0.34    | 0.37    | 0.40       | 19.95   | ppb   |
| Calcium    | 43-1  | 237.59  | 239.46  | 224.48  | 233.84     | 3.49    | ppb   |
| Calcium    | 44-1  | 225.87  | 227.35  | 226.24  | 226.49     | 0.34    | ppb   |
| Chromium   | 52-2  | 0.00    | -0.01   | 0.00    | 0.00       |         | ppb   |
| Cobalt     | 59-2  | 0.22    | 0.24    | 0.23    | 0.23       | 3.28    | ppb   |
| Copper     | 63-2  | 3.59    | 3.65    | 3.66    | 3.63       | 1.01    | ppb   |
| Dysprosium | 156-1 |         |         |         |            |         | cps   |
| Dysprosium | 156-2 |         |         |         |            |         | cps   |
| Erbium     | 164-1 |         |         |         |            |         | cps   |
| Erbium     | 164-2 |         |         |         |            |         | cps   |
| Gadolinium | 160-1 |         |         |         |            |         | cps   |
| Gadolinium | 160-2 |         |         |         |            |         | cps   |
| Holmium    | 165-1 |         |         |         |            |         | %     |
| Holmium    | 165-2 |         |         |         |            |         | %     |
| Indium     | 115-1 |         |         |         |            |         | %     |
| Indium     | 115-2 |         |         |         |            |         | %     |
| Iron       | 56-2  | 21.38   | 20.37   | 20.58   | 20.78      | 2.56    | ppb   |
| Iron       | 57-2  | 21.93   | 21.66   | 25.04   | 22.88      | 8.21    | ppb   |
| Lead       | 206-1 | 0.19    | 0.25    | 0.20    | 0.21       | 13.95   | ppb   |
| Lead       | 207-1 | 0.19    | 0.24    | 0.20    | 0.21       | 10.85   | ppb   |
| Lead       | 208-1 | 0.20    | 0.24    | 0.21    | 0.22       | 9.77    | ppb   |
| Lithium    | 6-1   |         |         |         |            |         | %     |
| Magnesium  | 24-2  | 91.21   | 91.26   | 90.94   | 91.14      | 0.18    | ppb   |
| Manganese  | 55-2  | 136.60  | 135.52  | 135.93  | 136.02     | 0.40    | ppb   |

|                         |                     |                   |                     |
|-------------------------|---------------------|-------------------|---------------------|
| LB Number :             | LB88853             | Operator :        | Jaswal              |
| Lab Sample ID :         | I4255-04DL3X500     | Instrumnet Name : | P7                  |
| Client Sample ID :      | MH0CC4D             | Dilution Factor : | 500                 |
| Date & Time Acquired :: | 2017-07-19 14:58:54 | DataFile Name :   | 043SMPL_P7071917 -M |

| Parameter  | Mass  | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|------------|-------|---------|---------|---------|------------|---------|-------|
| Molybdenum | 94-1  | 0.00    | -0.01   | 0.00    | 0.00       |         | ppb   |
| Molybdenum | 95-1  | -0.06   | -0.05   | -0.05   | -0.05      |         | ppb   |
| Molybdenum | 96-1  | -0.03   | -0.02   | -0.03   | -0.03      |         | ppb   |
| Molybdenum | 97-1  | -0.01   | -0.04   | -0.01   | -0.02      |         | ppb   |
| Molybdenum | 98-1  | -0.03   | -0.04   | -0.05   | -0.04      |         | ppb   |
| Neodymium  | 150-1 |         |         |         |            |         | cps   |
| Neodymium  | 150-2 |         |         |         |            |         | cps   |
| Nickel     | 60-2  | -0.02   | 0.03    | -0.03   | -0.01      |         | ppb   |
| Phosphorus | 31-2  | -21.05  | -10.96  | -2.70   | -11.57     |         | ppb   |
| Potassium  | 39-2  | 15.37   | 12.12   | 13.69   | 13.73      | 11.82   | ppb   |
| Rhodium    | 103-1 |         |         |         |            |         | %     |
| Rhodium    | 103-2 |         |         |         |            |         | %     |
| Scandium   | 45-1  |         |         |         |            |         | %     |
| Scandium   | 45-2  |         |         |         |            |         | %     |
| Selenium   | 77-2  | 1.34    | 0.66    | 1.35    | 1.12       | 35.28   | ppb   |
| Selenium   | 78-2  | -1.83   | 0.24    | -0.24   | -0.61      |         | ppb   |
| Selenium   | 82-1  | 0.64    | 0.49    | 0.54    | 0.56       | 13.85   | ppb   |
| Silicon    | 28-1  | 19.39   | 19.54   | 18.58   | 19.17      | 2.68    | ppb   |
| Silver     | 109-1 | 0.03    | 0.03    | 0.03    | 0.03       | 3.58    | ppb   |
| Silver     | 107-1 | 0.03    | 0.03    | 0.03    | 0.03       | 9.66    | ppb   |
| Sodium     | 23-2  | 59.82   | 57.72   | 53.75   | 57.10      | 5.40    | ppb   |
| Strontium  | 86-1  | 0.70    | 0.74    | 0.69    | 0.71       | 3.73    | ppb   |
| Strontium  | 88-1  | 0.72    | 0.68    | 0.70    | 0.70       | 2.89    | ppb   |
| Sulfur     | 34-1  | 168.72  | 268.60  | 173.23  | 203.52     | 27.72   | ppb   |
| Terbium    | 159-1 |         |         |         |            |         | %     |
| Terbium    | 159-2 |         |         |         |            |         | %     |
| Thallium   | 203-1 | -0.04   | -0.04   | -0.03   | -0.04      |         | ppb   |
| Thallium   | 205-1 | -0.03   | -0.02   | -0.03   | -0.03      |         | ppb   |
| Tin        | 118-1 | -0.01   | 0.00    | -0.02   | -0.01      |         | ppb   |
| Titanium   | 47-1  | -0.03   | 0.00    | 0.06    | 0.01       | 393.57  | ppb   |
| Uranium    | 238-1 | 0.11    | 0.11    | 0.11    | 0.11       | 3.97    | ppb   |
| Vanadium   | 51-2  | -0.03   | -0.03   | -0.02   | -0.02      |         | ppb   |
| Yttrium    | 89-1  |         |         |         |            |         | %     |
| Yttrium    | 89-2  |         |         |         |            |         | %     |
| Zinc       | 66-2  | 74.70   | 73.13   | 74.61   | 74.15      | 1.19    | ppb   |
| Zirconium  | 90-1  | 0.01    | 0.00    | 0.00    | 0.00       | 15.55   | ppb   |

|                         |                     |                   |                     |
|-------------------------|---------------------|-------------------|---------------------|
| LB Number :             | LB88853             | Operator :        | Jaswal              |
| Lab Sample ID :         | I4255-04DL3X500     | Instrumnet Name : | P7                  |
| Client Sample ID :      | MH0CC4D             | Dilution Factor : | 500                 |
| Date & Time Acquired :: | 2017-07-19 14:58:54 | DataFile Name :   | 043SMPL_P7071917 -M |

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

|                         |                     |                   |                     |
|-------------------------|---------------------|-------------------|---------------------|
| LB Number :             | LB88853             | Operator :        | Jaswal              |
| Lab Sample ID :         | I4255-03LDL3X2500   | Instrumnet Name : | P7                  |
| Client Sample ID :      | MH0CC4L             | Dilution Factor : | 2500                |
| Date & Time Acquired :: | 2017-07-19 15:02:22 | DataFile Name :   | 044SMPL_P7071917 -M |

| Parameter  | Mass  | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|------------|-------|---------|---------|---------|------------|---------|-------|
| Aluminium  | 27-2  | 14.88   | 17.26   | 19.17   | 17.10      | 12.55   | ppb   |
| Antimony   | 121-1 | 0.02    | 0.03    | 0.02    | 0.02       | 9.35    | ppb   |
| Arsenic    | 75-2  | 0.33    | 0.29    | 0.31    | 0.31       | 6.83    | ppb   |
| Barium     | 135-1 | -0.10   | -0.09   | -0.09   | -0.09      |         | ppb   |
| Barium     | 137-1 | -0.05   | -0.07   | -0.06   | -0.06      |         | ppb   |
| Beryllium  | 9-1   | -0.06   | -0.04   | -0.04   | -0.04      |         | ppb   |
| Bismuth    | 209-1 |         |         |         |            |         | %     |
| Bismuth    | 209-2 |         |         |         |            |         | %     |
| Boron      | 10-1  | 1.56    | 1.08    | 1.10    | 1.25       | 22.01   | ppb   |
| Boron      | 11-1  | 1.12    | 1.22    | 1.24    | 1.19       | 5.37    | ppb   |
| Cadmium    | 111-1 | -0.13   | -0.07   | -0.04   | -0.08      |         | ppb   |
| Cadmium    | 106-1 | -2.71   | -1.67   | -1.68   | -2.02      |         | ppb   |
| Cadmium    | 108-1 | 0.04    | 0.28    | -0.05   | 0.09       | 194.49  | ppb   |
| Calcium    | 43-1  | 54.99   | 47.29   | 41.35   | 47.87      | 14.28   | ppb   |
| Calcium    | 44-1  | 44.81   | 44.10   | 43.29   | 44.07      | 1.72    | ppb   |
| Chromium   | 52-2  | -0.01   | -0.05   | -0.01   | -0.02      |         | ppb   |
| Cobalt     | 59-2  | -0.01   | -0.01   | 0.01    | 0.00       |         | ppb   |
| Copper     | 63-2  | 0.74    | 0.89    | 0.80    | 0.81       | 9.23    | ppb   |
| Dysprosium | 156-1 |         |         |         |            |         | cps   |
| Dysprosium | 156-2 |         |         |         |            |         | cps   |
| Erbium     | 164-1 |         |         |         |            |         | cps   |
| Erbium     | 164-2 |         |         |         |            |         | cps   |
| Gadolinium | 160-1 |         |         |         |            |         | cps   |
| Gadolinium | 160-2 |         |         |         |            |         | cps   |
| Holmium    | 165-1 |         |         |         |            |         | %     |
| Holmium    | 165-2 |         |         |         |            |         | %     |
| Indium     | 115-1 |         |         |         |            |         | %     |
| Indium     | 115-2 |         |         |         |            |         | %     |
| Iron       | 56-2  | 5.94    | 5.71    | 5.78    | 5.81       | 2.02    | ppb   |
| Iron       | 57-2  | 10.09   | 4.91    | 5.05    | 6.68       | 44.11   | ppb   |
| Lead       | 206-1 | -0.02   | 0.00    | -0.03   | -0.01      |         | ppb   |
| Lead       | 207-1 | -0.01   | 0.01    | 0.02    | 0.01       | 255.60  | ppb   |
| Lead       | 208-1 | -0.02   | 0.00    | 0.00    | -0.01      |         | ppb   |
| Lithium    | 6-1   |         |         |         |            |         | %     |
| Magnesium  | 24-2  | 15.29   | 14.97   | 12.88   | 14.38      | 9.13    | ppb   |
| Manganese  | 55-2  | 28.73   | 29.28   | 28.61   | 28.87      | 1.23    | ppb   |

|                         |                     |                   |                     |
|-------------------------|---------------------|-------------------|---------------------|
| LB Number :             | LB88853             | Operator :        | Jaswal              |
| Lab Sample ID :         | I4255-03LDL3X2500   | Instrumnet Name : | P7                  |
| Client Sample ID :      | MH0CC4L             | Dilution Factor : | 2500                |
| Date & Time Acquired :: | 2017-07-19 15:02:22 | DataFile Name :   | 044SMPL_P7071917 -M |

| Parameter  | Mass  | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|------------|-------|---------|---------|---------|------------|---------|-------|
| Molybdenum | 94-1  | 0.00    | -0.01   | -0.01   | -0.01      |         | ppb   |
| Molybdenum | 95-1  | -0.05   | -0.05   | -0.05   | -0.05      |         | ppb   |
| Molybdenum | 96-1  | -0.04   | -0.03   | -0.03   | -0.03      |         | ppb   |
| Molybdenum | 97-1  | -0.03   | -0.03   | -0.03   | -0.03      |         | ppb   |
| Molybdenum | 98-1  | -0.04   | -0.04   | -0.04   | -0.04      |         | ppb   |
| Neodymium  | 150-1 |         |         |         |            |         | cps   |
| Neodymium  | 150-2 |         |         |         |            |         | cps   |
| Nickel     | 60-2  | -0.30   | -0.18   | -0.17   | -0.22      |         | ppb   |
| Phosphorus | 31-2  | -17.77  | 19.64   | 11.10   | 4.32       | 453.43  | ppb   |
| Potassium  | 39-2  | 8.13    | 18.92   | 18.31   | 15.12      | 40.07   | ppb   |
| Rhodium    | 103-1 |         |         |         |            |         | %     |
| Rhodium    | 103-2 |         |         |         |            |         | %     |
| Scandium   | 45-1  |         |         |         |            |         | %     |
| Scandium   | 45-2  |         |         |         |            |         | %     |
| Selenium   | 77-2  | 0.00    | 0.71    | 0.00    | 0.24       | 173.21  | ppb   |
| Selenium   | 78-2  | 0.16    | -0.61   | -0.01   | -0.15      |         | ppb   |
| Selenium   | 82-1  | 0.13    | 0.43    | 0.20    | 0.26       | 60.86   | ppb   |
| Silicon    | 28-1  | 1.38    | 1.80    | 1.86    | 1.68       | 15.66   | ppb   |
| Silver     | 109-1 | 0.03    | 0.02    | 0.02    | 0.02       | 19.37   | ppb   |
| Silver     | 107-1 | 0.02    | 0.02    | 0.03    | 0.03       | 12.84   | ppb   |
| Sodium     | 23-2  | 31.37   | 32.91   | 35.73   | 33.33      | 6.64    | ppb   |
| Strontium  | 86-1  | 0.22    | 0.14    | 0.14    | 0.16       | 28.55   | ppb   |
| Strontium  | 88-1  | 0.14    | 0.13    | 0.13    | 0.13       | 6.01    | ppb   |
| Sulfur     | 34-1  | -398.77 | -334.41 | -265.38 | -332.85    |         | ppb   |
| Terbium    | 159-1 |         |         |         |            |         | %     |
| Terbium    | 159-2 |         |         |         |            |         | %     |
| Thallium   | 203-1 | -0.03   | -0.04   | -0.03   | -0.03      |         | ppb   |
| Thallium   | 205-1 | -0.03   | -0.03   | -0.02   | -0.02      |         | ppb   |
| Tin        | 118-1 | 0.00    | -0.01   | -0.01   | -0.01      |         | ppb   |
| Titanium   | 47-1  | 0.04    | 0.00    | 0.02    | 0.02       | 84.92   | ppb   |
| Uranium    | 238-1 | -0.03   | -0.03   | -0.04   | -0.03      |         | ppb   |
| Vanadium   | 51-2  | -0.03   | -0.02   | -0.02   | -0.02      |         | ppb   |
| Yttrium    | 89-1  |         |         |         |            |         | %     |
| Yttrium    | 89-2  |         |         |         |            |         | %     |
| Zinc       | 66-2  | 15.32   | 15.01   | 15.08   | 15.14      | 1.09    | ppb   |
| Zirconium  | 90-1  | -0.01   | 0.00    | -0.01   | -0.01      |         | ppb   |



|                         |                     |                   |                     |
|-------------------------|---------------------|-------------------|---------------------|
| LB Number :             | LB88853             | Operator :        | Jaswal              |
| Lab Sample ID :         | I4255-03LDL3X2500   | Instrumnet Name : | P7                  |
| Client Sample ID :      | MH0CC4L             | Dilution Factor : | 2500                |
| Date & Time Acquired :: | 2017-07-19 15:02:22 | DataFile Name :   | 044SMPL_P7071917 -M |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|-----------|------|---------|---------|---------|------------|---------|-------|
| Zirconium | 91-1 | 0.01    | 0.01    | -0.01   | 0.00       | 316.06  | ppb   |

|                         |                     |                   |                     |
|-------------------------|---------------------|-------------------|---------------------|
| LB Number :             | LB88853             | Operator :        | Jaswal              |
| Lab Sample ID :         | I4255-05DL3X500     | Instrumnet Name : | P7                  |
| Client Sample ID :      | MH0CC4S             | Dilution Factor : | 500                 |
| Date & Time Acquired :: | 2017-07-19 15:05:50 | DataFile Name :   | 045SMPL_P7071917 -M |

| Parameter  | Mass  | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|------------|-------|---------|---------|---------|------------|---------|-------|
| Aluminium  | 27-2  | 83.11   | 88.32   | 88.62   | 86.68      | 3.57    | ppb   |
| Antimony   | 121-1 | 0.27    | 0.23    | 0.20    | 0.23       | 15.04   | ppb   |
| Arsenic    | 75-2  | 1.40    | 1.38    | 1.35    | 1.38       | 1.85    | ppb   |
| Barium     | 135-1 | 3.84    | 4.21    | 4.19    | 4.08       | 5.07    | ppb   |
| Barium     | 137-1 | 4.25    | 4.17    | 4.20    | 4.20       | 0.92    | ppb   |
| Beryllium  | 9-1   | 0.06    | 0.14    | 0.08    | 0.09       | 39.53   | ppb   |
| Bismuth    | 209-1 |         |         |         |            |         | %     |
| Bismuth    | 209-2 |         |         |         |            |         | %     |
| Boron      | 10-1  | 1.80    | 1.24    | 1.07    | 1.37       | 28.01   | ppb   |
| Boron      | 11-1  | 1.15    | 1.18    | 0.82    | 1.05       | 19.34   | ppb   |
| Cadmium    | 111-1 | 0.48    | 0.39    | 0.29    | 0.39       | 23.82   | ppb   |
| Cadmium    | 106-1 | -0.06   | -1.14   | -2.73   | -1.31      |         | ppb   |
| Cadmium    | 108-1 | 0.55    | 0.52    | 0.43    | 0.50       | 12.64   | ppb   |
| Calcium    | 43-1  | 267.23  | 241.54  | 254.63  | 254.47     | 5.05    | ppb   |
| Calcium    | 44-1  | 248.30  | 247.21  | 247.04  | 247.52     | 0.28    | ppb   |
| Chromium   | 52-2  | 0.49    | 0.45    | 0.45    | 0.46       | 5.78    | ppb   |
| Cobalt     | 59-2  | 1.41    | 1.38    | 1.37    | 1.38       | 1.49    | ppb   |
| Copper     | 63-2  | 4.33    | 4.34    | 4.48    | 4.38       | 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  | 23.25   | 24.13   | 23.49   | 23.62      | 1.92    | ppb   |
| Iron       | 57-2  | 22.37   | 24.85   | 21.91   | 23.04      | 6.87    | ppb   |
| Lead       | 206-1 | 0.24    | 0.22    | 0.24    | 0.23       | 6.03    | ppb   |
| Lead       | 207-1 | 0.24    | 0.24    | 0.25    | 0.24       | 2.22    | ppb   |
| Lead       | 208-1 | 0.26    | 0.24    | 0.26    | 0.25       | 4.14    | ppb   |
| Lithium    | 6-1   |         |         |         |            |         | %     |
| Magnesium  | 24-2  | 98.38   | 94.66   | 93.36   | 95.47      | 2.73    | ppb   |
| Manganese  | 55-2  | 140.61  | 140.47  | 140.96  | 140.68     | 0.18    | ppb   |

|                         |                     |                   |                     |
|-------------------------|---------------------|-------------------|---------------------|
| LB Number :             | LB88853             | Operator :        | Jaswal              |
| Lab Sample ID :         | I4255-05DL3X500     | Instrumnet Name : | P7                  |
| Client Sample ID :      | MH0CC4S             | Dilution Factor : | 500                 |
| Date & Time Acquired :: | 2017-07-19 15:05:50 | DataFile Name :   | 045SMPL_P7071917 -M |

| Parameter  | Mass  | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|------------|-------|---------|---------|---------|------------|---------|-------|
| Molybdenum | 94-1  | 0.05    | 0.05    | 0.06    | 0.05       | 11.08   | ppb   |
| Molybdenum | 95-1  | 0.10    | 0.11    | 0.15    | 0.12       | 23.00   | ppb   |
| Molybdenum | 96-1  | 0.10    | 0.12    | 0.11    | 0.11       | 9.39    | ppb   |
| Molybdenum | 97-1  | 0.13    | 0.14    | 0.16    | 0.14       | 10.75   | ppb   |
| Molybdenum | 98-1  | 0.09    | 0.08    | 0.13    | 0.10       | 23.15   | ppb   |
| Neodymium  | 150-1 |         |         |         |            |         | cps   |
| Neodymium  | 150-2 |         |         |         |            |         | cps   |
| Nickel     | 60-2  | 1.35    | 1.61    | 1.43    | 1.46       | 9.01    | ppb   |
| Phosphorus | 31-2  | -18.15  | -10.18  | 16.47   | -3.96      |         | ppb   |
| Potassium  | 39-2  | 16.17   | 16.55   | 12.40   | 15.04      | 15.25   | ppb   |
| Rhodium    | 103-1 |         |         |         |            |         | %     |
| Rhodium    | 103-2 |         |         |         |            |         | %     |
| Scandium   | 45-1  |         |         |         |            |         | %     |
| Scandium   | 45-2  |         |         |         |            |         | %     |
| Selenium   | 77-2  | 2.02    | 0.00    | 2.02    | 1.35       | 86.60   | ppb   |
| Selenium   | 78-2  | -1.82   | -0.25   | -0.01   | -0.69      |         | ppb   |
| Selenium   | 82-1  | 0.88    | 0.81    | 0.39    | 0.69       | 38.53   | ppb   |
| Silicon    | 28-1  | 20.00   | 18.58   | 19.12   | 19.23      | 3.73    | ppb   |
| Silver     | 109-1 | 0.13    | 0.13    | 0.11    | 0.12       | 7.64    | ppb   |
| Silver     | 107-1 | 0.13    | 0.09    | 0.11    | 0.11       | 17.65   | ppb   |
| Sodium     | 23-2  | 56.40   | 55.57   | 55.31   | 55.76      | 1.02    | ppb   |
| Strontium  | 86-1  | 0.75    | 0.70    | 0.87    | 0.78       | 11.42   | ppb   |
| Strontium  | 88-1  | 0.82    | 0.81    | 0.82    | 0.82       | 0.90    | ppb   |
| Sulfur     | 34-1  | 312.14  | 283.44  | 252.16  | 282.58     | 10.62   | ppb   |
| Terbium    | 159-1 |         |         |         |            |         | %     |
| Terbium    | 159-2 |         |         |         |            |         | %     |
| Thallium   | 203-1 | 0.08    | 0.08    | 0.06    | 0.07       | 12.50   | ppb   |
| Thallium   | 205-1 | 0.09    | 0.08    | 0.09    | 0.09       | 7.60    | ppb   |
| Tin        | 118-1 | 0.02    | 0.02    | 0.02    | 0.02       | 18.02   | ppb   |
| Titanium   | 47-1  | 0.02    | 0.01    | 0.07    | 0.03       | 88.43   | ppb   |
| Uranium    | 238-1 | 0.12    | 0.12    | 0.11    | 0.12       | 6.83    | ppb   |
| Vanadium   | 51-2  | 1.11    | 1.11    | 1.11    | 1.11       | 0.38    | ppb   |
| Yttrium    | 89-1  |         |         |         |            |         | %     |
| Yttrium    | 89-2  |         |         |         |            |         | %     |
| Zinc       | 66-2  | 78.36   | 80.58   | 78.55   | 79.16      | 1.55    | ppb   |
| Zirconium  | 90-1  | 0.00    | 0.00    | 0.02    | 0.00       | 230.59  | ppb   |

|                         |                     |                   |                     |
|-------------------------|---------------------|-------------------|---------------------|
| LB Number :             | LB88853             | Operator :        | Jaswal              |
| Lab Sample ID :         | I4255-05DL3X500     | Instrumnet Name : | P7                  |
| Client Sample ID :      | MH0CC4S             | Dilution Factor : | 500                 |
| Date & Time Acquired :: | 2017-07-19 15:05:50 | DataFile Name :   | 045SMPL_P7071917 -M |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|-----------|------|---------|---------|---------|------------|---------|-------|
| Zirconium | 91-1 | 0.01    | 0.01    | 0.00    | 0.01       | 70.27   | ppb   |

|                         |                     |                   |                     |
|-------------------------|---------------------|-------------------|---------------------|
| LB Number :             | LB88853             | Operator :        | Jaswal              |
| Lab Sample ID :         | I4255-06DL3X500     | Instrumnet Name : | P7                  |
| Client Sample ID :      | MH0CC6              | Dilution Factor : | 500                 |
| Date & Time Acquired :: | 2017-07-19 15:09:18 | DataFile Name :   | 046SMPL_P7071917 -M |

| Parameter  | Mass  | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|------------|-------|---------|---------|---------|------------|---------|-------|
| Aluminium  | 27-2  | 45.67   | 50.14   | 51.39   | 49.06      | 6.12    | ppb   |
| Antimony   | 121-1 | 0.02    | 0.02    | 0.02    | 0.02       | 1.43    | ppb   |
| Arsenic    | 75-2  | 6.24    | 6.14    | 6.02    | 6.13       | 1.79    | ppb   |
| Barium     | 135-1 | -0.09   | -0.08   | -0.10   | -0.09      |         | ppb   |
| Barium     | 137-1 | -0.05   | -0.07   | -0.06   | -0.06      |         | ppb   |
| Beryllium  | 9-1   | 0.04    | -0.03   | -0.01   | 0.00       | 1075.08 | ppb   |
| Bismuth    | 209-1 |         |         |         |            |         | %     |
| Bismuth    | 209-2 |         |         |         |            |         | %     |
| Boron      | 10-1  | 1.64    | 0.26    | 1.01    | 0.97       | 71.31   | ppb   |
| Boron      | 11-1  | 1.04    | 0.55    | 0.60    | 0.73       | 36.82   | ppb   |
| Cadmium    | 111-1 | 1.53    | 1.50    | 1.60    | 1.54       | 3.33    | ppb   |
| Cadmium    | 106-1 | -0.36   | -0.94   | -1.55   | -0.95      |         | ppb   |
| Cadmium    | 108-1 | 1.78    | 1.70    | 1.77    | 1.75       | 2.53    | ppb   |
| Calcium    | 43-1  | 942.92  | 911.74  | 929.38  | 928.02     | 1.68    | ppb   |
| Calcium    | 44-1  | 935.72  | 920.64  | 942.01  | 932.79     | 1.18    | ppb   |
| Chromium   | 52-2  | -0.03   | -0.02   | 0.02    | -0.01      |         | ppb   |
| Cobalt     | 59-2  | 3.17    | 2.88    | 3.25    | 3.10       | 6.30    | ppb   |
| Copper     | 63-2  | 13.06   | 12.50   | 13.35   | 12.97      | 3.33    | 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  | 337.80  | 320.22  | 346.68  | 334.90     | 4.02    | ppb   |
| Iron       | 57-2  | 344.92  | 312.77  | 337.99  | 331.90     | 5.10    | ppb   |
| Lead       | 206-1 | 0.94    | 0.97    | 0.98    | 0.96       | 2.40    | ppb   |
| Lead       | 207-1 | 0.88    | 0.85    | 0.88    | 0.87       | 1.75    | ppb   |
| Lead       | 208-1 | 0.92    | 0.91    | 0.95    | 0.93       | 2.18    | ppb   |
| Lithium    | 6-1   |         |         |         |            |         | %     |
| Magnesium  | 24-2  | 368.32  | 359.73  | 392.91  | 373.65     | 4.61    | ppb   |
| Manganese  | 55-2  | 490.73  | 471.85  | 507.81  | 490.13     | 3.67    | ppb   |

|                         |                     |                   |                     |
|-------------------------|---------------------|-------------------|---------------------|
| LB Number :             | LB88853             | Operator :        | Jaswal              |
| Lab Sample ID :         | I4255-06DL3X500     | Instrumnet Name : | P7                  |
| Client Sample ID :      | MH0CC6              | Dilution Factor : | 500                 |
| Date & Time Acquired :: | 2017-07-19 15:09:18 | DataFile Name :   | 046SMPL_P7071917 -M |

| Parameter  | Mass  | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|------------|-------|---------|---------|---------|------------|---------|-------|
| Molybdenum | 94-1  | 0.01    | 0.00    | 0.01    | 0.01       | 35.59   | ppb   |
| Molybdenum | 95-1  | -0.02   | 0.00    | -0.01   | -0.01      |         | ppb   |
| Molybdenum | 96-1  | 0.00    | -0.01   | 0.00    | 0.00       |         | ppb   |
| Molybdenum | 97-1  | 0.00    | 0.01    | 0.02    | 0.01       | 109.28  | ppb   |
| Molybdenum | 98-1  | 0.00    | -0.01   | -0.01   | -0.01      |         | ppb   |
| Neodymium  | 150-1 |         |         |         |            |         | cps   |
| Neodymium  | 150-2 |         |         |         |            |         | cps   |
| Nickel     | 60-2  | 0.68    | 0.68    | 0.86    | 0.74       | 14.15   | ppb   |
| Phosphorus | 31-2  | -23.22  | -8.45   | -13.72  | -15.13     |         | ppb   |
| Potassium  | 39-2  | 28.62   | 27.89   | 44.57   | 33.70      | 27.97   | ppb   |
| Rhodium    | 103-1 |         |         |         |            |         | %     |
| Rhodium    | 103-2 |         |         |         |            |         | %     |
| Scandium   | 45-1  |         |         |         |            |         | %     |
| Scandium   | 45-2  |         |         |         |            |         | %     |
| Selenium   | 77-2  | 0.69    | 0.66    | 1.42    | 0.92       | 46.48   | ppb   |
| Selenium   | 78-2  | -1.30   | -0.86   | -0.39   | -0.85      |         | ppb   |
| Selenium   | 82-1  | 0.29    | 0.40    | -0.16   | 0.18       | 166.81  | ppb   |
| Silicon    | 28-1  | 25.00   | 23.07   | 25.79   | 24.62      | 5.68    | ppb   |
| Silver     | 109-1 | 0.02    | 0.03    | 0.02    | 0.02       | 22.83   | ppb   |
| Silver     | 107-1 | 0.02    | 0.02    | 0.03    | 0.02       | 30.69   | ppb   |
| Sodium     | 23-2  | 137.87  | 131.68  | 151.60  | 140.38     | 7.26    | ppb   |
| Strontium  | 86-1  | 3.75    | 3.44    | 3.86    | 3.68       | 5.80    | ppb   |
| Strontium  | 88-1  | 3.65    | 3.52    | 3.64    | 3.61       | 1.98    | ppb   |
| Sulfur     | 34-1  | 1833.94 | 1610.41 | 1992.31 | 1812.22    | 10.59   | ppb   |
| Terbium    | 159-1 |         |         |         |            |         | %     |
| Terbium    | 159-2 |         |         |         |            |         | %     |
| Thallium   | 203-1 | -0.03   | -0.02   | -0.02   | -0.03      |         | ppb   |
| Thallium   | 205-1 | -0.02   | -0.03   | -0.02   | -0.02      |         | ppb   |
| Tin        | 118-1 | -0.01   | 0.00    | 0.02    | 0.00       | 577.00  | ppb   |
| Titanium   | 47-1  | 0.01    | 0.01    | -0.01   | 0.00       | 576.05  | ppb   |
| Uranium    | 238-1 | 0.15    | 0.14    | 0.14    | 0.14       | 3.10    | ppb   |
| Vanadium   | 51-2  | -0.03   | -0.03   | -0.03   | -0.03      |         | ppb   |
| Yttrium    | 89-1  |         |         |         |            |         | %     |
| Yttrium    | 89-2  |         |         |         |            |         | %     |
| Zinc       | 66-2  | 394.83  | 380.27  | 406.07  | 393.72     | 3.29    | ppb   |
| Zirconium  | 90-1  | -0.01   | -0.01   | 0.01    | 0.00       |         | ppb   |

|                         |                     |                   |                     |
|-------------------------|---------------------|-------------------|---------------------|
| LB Number :             | LB88853             | Operator :        | Jaswal              |
| Lab Sample ID :         | I4255-06DL3X500     | Instrumnet Name : | P7                  |
| Client Sample ID :      | MH0CC6              | Dilution Factor : | 500                 |
| Date & Time Acquired :: | 2017-07-19 15:09:18 | DataFile Name :   | 046SMPL_P7071917 -M |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|-----------|------|---------|---------|---------|------------|---------|-------|
| Zirconium | 91-1 | 0.01    | 0.03    | 0.00    | 0.01       | 140.89  | ppb   |

LB Number : LB88853 Operator : Jaswal  
 Lab Sample ID : I4278-01RE Instrumnet Name : P7  
 Client Sample ID : DC3126-01-BS-CLB46-V Dilution Factor : 1  
 Date & Time Acquired :: 2017-07-19 15:12:47 DataFile Name : 047SMPL\_P7071917 -M

| Parameter  | Mass  | ConRep1  | ConRep2  | ConRep3  | Avg. Conc. | ConcRSD | Units |
|------------|-------|----------|----------|----------|------------|---------|-------|
| Aluminium  | 27-2  | 16.11    | 14.52    | 14.26    | 14.96      | 6.69    | ppb   |
| Antimony   | 121-1 | 0.12     | 0.13     | 0.15     | 0.13       | 11.26   | ppb   |
| Arsenic    | 75-2  | 0.54     | 0.36     | 0.29     | 0.40       | 31.57   | ppb   |
| Barium     | 135-1 | 47.40    | 50.34    | 48.99    | 48.91      | 3.01    | ppb   |
| Barium     | 137-1 | 49.22    | 50.41    | 50.47    | 50.03      | 1.41    | ppb   |
| Beryllium  | 9-1   | -0.06    | -0.10    | -0.05    | -0.07      |         | ppb   |
| Bismuth    | 209-1 |          |          |          |            |         | %     |
| Bismuth    | 209-2 |          |          |          |            |         | %     |
| Boron      | 10-1  | 53.30    | 52.20    | 51.97    | 52.49      | 1.36    | ppb   |
| Boron      | 11-1  | 53.02    | 53.72    | 55.47    | 54.07      | 2.34    | ppb   |
| Cadmium    | 111-1 | -0.22    | -0.28    | -0.08    | -0.19      |         | ppb   |
| Cadmium    | 106-1 | -2.70    | -3.43    | -0.81    | -2.32      |         | ppb   |
| Cadmium    | 108-1 | 0.00     | -0.05    | -0.03    | -0.03      |         | ppb   |
| Calcium    | 43-1  | 29409.54 | 30931.97 | 30586.17 | 30309.23   | 2.63    | ppb   |
| Calcium    | 44-1  | 29476.35 | 31285.45 | 30622.37 | 30461.39   | 3.00    | ppb   |
| Chromium   | 52-2  | 0.21     | 0.17     | 0.23     | 0.20       | 14.31   | ppb   |
| Cobalt     | 59-2  | 0.05     | 0.07     | 0.08     | 0.07       | 25.00   | ppb   |
| Copper     | 63-2  | 146.63   | 145.69   | 148.87   | 147.06     | 1.11    | ppb   |
| Dysprosium | 156-1 |          |          |          |            |         | 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  | 71.39    | 72.29    | 73.47    | 72.38      | 1.44    | ppb   |
| Iron       | 57-2  | 97.68    | 97.78    | 109.14   | 101.53     | 6.49    | ppb   |
| Lead       | 206-1 | 0.30     | 0.34     | 0.35     | 0.33       | 8.35    | ppb   |
| Lead       | 207-1 | 0.32     | 0.32     | 0.30     | 0.31       | 3.70    | ppb   |
| Lead       | 208-1 | 0.30     | 0.32     | 0.33     | 0.32       | 4.97    | ppb   |
| Lithium    | 6-1   |          |          |          |            |         | %     |
| Magnesium  | 24-2  | 10287.26 | 10310.74 | 10468.38 | 10355.46   | 0.95    | ppb   |
| Manganese  | 55-2  | 15.21    | 15.21    | 15.75    | 15.39      | 2.04    | ppb   |



|                         |                      |                   |                     |
|-------------------------|----------------------|-------------------|---------------------|
| LB Number :             | LB88853              | Operator :        | Jaswal              |
| Lab Sample ID :         | I4278-01RE           | Instrumnet Name : | P7                  |
| Client Sample ID :      | DC3126-01-BS-CLB46-V | Dilution Factor : | 1                   |
| Date & Time Acquired :: | 2017-07-19 15:12:47  | DataFile Name :   | 047SMPL_P7071917 -M |

| Parameter  | Mass  | ConRep1  | ConRep2  | ConRep3  | Avg. Conc. | ConcRSD | Units |
|------------|-------|----------|----------|----------|------------|---------|-------|
| Molybdenum | 94-1  | 0.51     | 0.51     | 0.50     | 0.51       | 0.74    | ppb   |
| Molybdenum | 95-1  | 1.54     | 1.51     | 1.52     | 1.52       | 1.11    | ppb   |
| Molybdenum | 96-1  | 1.27     | 1.26     | 1.34     | 1.29       | 3.34    | ppb   |
| Molybdenum | 97-1  | 1.64     | 1.63     | 1.61     | 1.63       | 1.07    | ppb   |
| Molybdenum | 98-1  | 1.62     | 1.61     | 1.54     | 1.59       | 2.77    | ppb   |
| Neodymium  | 150-1 |          |          |          |            |         | cps   |
| Neodymium  | 150-2 |          |          |          |            |         | cps   |
| Nickel     | 60-2  | 0.65     | 0.65     | 0.63     | 0.64       | 2.42    | ppb   |
| Phosphorus | 31-2  | 260.26   | 233.16   | 259.70   | 251.04     | 6.17    | ppb   |
| Potassium  | 39-2  | 2710.62  | 2725.05  | 2764.83  | 2733.50    | 1.03    | ppb   |
| Rhodium    | 103-1 |          |          |          |            |         | %     |
| Rhodium    | 103-2 |          |          |          |            |         | %     |
| Scandium   | 45-1  |          |          |          |            |         | %     |
| Scandium   | 45-2  |          |          |          |            |         | %     |
| Selenium   | 77-2  | 0.00     | 0.65     | 0.00     | 0.22       | 173.21  | ppb   |
| Selenium   | 78-2  | -1.21    | -1.57    | -1.39    | -1.39      |         | ppb   |
| Selenium   | 82-1  | 1.52     | 1.13     | 1.44     | 1.36       | 15.15   | ppb   |
| Silicon    | 28-1  | 3544.88  | 3760.11  | 3707.01  | 3670.67    | 3.05    | ppb   |
| Silver     | 109-1 | 0.02     | 0.02     | 0.02     | 0.02       | 5.81    | ppb   |
| Silver     | 107-1 | 0.02     | 0.02     | 0.03     | 0.02       | 32.78   | ppb   |
| Sodium     | 23-2  | 39559.54 | 39435.54 | 40196.89 | 39730.66   | 1.03    | ppb   |
| Strontium  | 86-1  | 198.61   | 207.44   | 201.86   | 202.64     | 2.21    | ppb   |
| Strontium  | 88-1  | 203.81   | 210.14   | 205.63   | 206.53     | 1.58    | ppb   |
| Sulfur     | 34-1  | 20233.13 | 21890.96 | 21583.31 | 21235.80   | 4.15    | ppb   |
| Terbium    | 159-1 |          |          |          |            |         | %     |
| Terbium    | 159-2 |          |          |          |            |         | %     |
| Thallium   | 203-1 | -0.03    | -0.04    | -0.04    | -0.04      |         | ppb   |
| Thallium   | 205-1 | -0.03    | -0.02    | -0.03    | -0.02      |         | ppb   |
| Tin        | 118-1 | -0.09    | -0.09    | -0.09    | -0.09      |         | ppb   |
| Titanium   | 47-1  | 0.44     | 0.49     | 0.45     | 0.46       | 5.14    | ppb   |
| Uranium    | 238-1 | 0.07     | 0.08     | 0.09     | 0.08       | 11.05   | ppb   |
| Vanadium   | 51-2  | 0.98     | 0.90     | 0.92     | 0.93       | 4.13    | ppb   |
| Yttrium    | 89-1  |          |          |          |            |         | %     |
| Yttrium    | 89-2  |          |          |          |            |         | %     |
| Zinc       | 66-2  | 38.96    | 38.41    | 40.07    | 39.15      | 2.17    | ppb   |
| Zirconium  | 90-1  | 0.01     | 0.01     | 0.01     | 0.01       | 36.43   | ppb   |

|                         |                      |                   |                     |
|-------------------------|----------------------|-------------------|---------------------|
| LB Number :             | LB88853              | Operator :        | Jaswal              |
| Lab Sample ID :         | I4278-01RE           | Instrumnet Name : | P7                  |
| Client Sample ID :      | DC3126-01-BS-CLB46-V | Dilution Factor : | 1                   |
| Date & Time Acquired :: | 2017-07-19 15:12:47  | DataFile Name :   | 047SMPL_P7071917 -M |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|-----------|------|---------|---------|---------|------------|---------|-------|
| Zirconium | 91-1 | 0.01    | 0.01    | 0.00    | 0.01       | 99.99   | ppb   |

LB Number : LB88853 Operator : Jaswal  
 Lab Sample ID : I4278-02RE Instrumnet Name : P7  
 Client Sample ID : DC3126-02-BS-CLB46-V Dilution Factor : 1  
 Date & Time Acquired :: 2017-07-19 15:16:15 DataFile Name : 048SMPL\_P7071917 -M1

| Parameter  | Mass  | ConRep1  | ConRep2  | ConRep3  | Avg. Conc. | ConcRSD | Units |
|------------|-------|----------|----------|----------|------------|---------|-------|
| Aluminium  | 27-2  | 19.24    | 18.02    | 16.93    | 18.06      | 6.40    | ppb   |
| Antimony   | 121-1 | 0.30     | 0.29     | 0.25     | 0.28       | 9.63    | ppb   |
| Arsenic    | 75-2  | 0.34     | 0.35     | 0.43     | 0.37       | 12.61   | ppb   |
| Barium     | 135-1 | 51.00    | 49.98    | 51.03    | 50.67      | 1.18    | ppb   |
| Barium     | 137-1 | 52.19    | 50.86    | 51.62    | 51.56      | 1.29    | ppb   |
| Beryllium  | 9-1   | -0.09    | -0.08    | -0.09    | -0.09      |         | ppb   |
| Bismuth    | 209-1 |          |          |          |            |         | %     |
| Bismuth    | 209-2 |          |          |          |            |         | %     |
| Boron      | 10-1  | 58.05    | 61.04    | 58.39    | 59.16      | 2.77    | ppb   |
| Boron      | 11-1  | 59.97    | 61.55    | 64.17    | 61.89      | 3.43    | ppb   |
| Cadmium    | 111-1 | -0.13    | -0.11    | -0.23    | -0.16      |         | ppb   |
| Cadmium    | 106-1 | -2.20    | -2.26    | -3.49    | -2.65      |         | ppb   |
| Cadmium    | 108-1 | 0.20     | -0.03    | 0.18     | 0.12       | 107.83  | ppb   |
| Calcium    | 43-1  | 31935.57 | 31560.15 | 31827.72 | 31774.48   | 0.61    | ppb   |
| Calcium    | 44-1  | 31974.70 | 31821.85 | 31883.90 | 31893.48   | 0.24    | ppb   |
| Chromium   | 52-2  | 0.16     | 0.10     | 0.15     | 0.14       | 21.71   | ppb   |
| Cobalt     | 59-2  | 0.02     | 0.03     | 0.03     | 0.03       | 21.72   | ppb   |
| Copper     | 63-2  | 695.65   | 722.17   | 726.97   | 714.93     | 2.36    | 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  | 101.76   | 105.17   | 106.92   | 104.62     | 2.51    | ppb   |
| Iron       | 57-2  | 133.59   | 146.50   | 136.74   | 138.94     | 4.85    | ppb   |
| Lead       | 206-1 | 250.12   | 248.85   | 247.75   | 248.90     | 0.48    | ppb   |
| Lead       | 207-1 | 228.36   | 226.20   | 223.90   | 226.15     | 0.99    | ppb   |
| Lead       | 208-1 | 242.20   | 238.97   | 237.77   | 239.65     | 0.96    | ppb   |
| Lithium    | 6-1   |          |          |          |            |         | %     |
| Magnesium  | 24-2  | 9301.93  | 9566.47  | 9648.04  | 9505.48    | 1.90    | ppb   |
| Manganese  | 55-2  | 12.31    | 12.74    | 12.71    | 12.59      | 1.91    | ppb   |

|                         |                      |                   |                     |
|-------------------------|----------------------|-------------------|---------------------|
| LB Number :             | LB88853              | Operator :        | Jaswal              |
| Lab Sample ID :         | I4278-02RE           | Instrumnet Name : | P7                  |
| Client Sample ID :      | DC3126-02-BS-CLB46-V | Dilution Factor : | 1                   |
| Date & Time Acquired :: | 2017-07-19 15:16:15  | DataFile Name :   | 048SMPL_P7071917 -M |

| Parameter  | Mass  | ConRep1  | ConRep2  | ConRep3  | Avg. Conc. | ConcRSD | Units |
|------------|-------|----------|----------|----------|------------|---------|-------|
| Molybdenum | 94-1  | 0.36     | 0.38     | 0.43     | 0.39       | 9.21    | ppb   |
| Molybdenum | 95-1  | 1.10     | 1.04     | 1.19     | 1.11       | 6.58    | ppb   |
| Molybdenum | 96-1  | 1.03     | 0.96     | 0.99     | 0.99       | 3.23    | ppb   |
| Molybdenum | 97-1  | 1.27     | 1.16     | 1.18     | 1.20       | 4.92    | ppb   |
| Molybdenum | 98-1  | 1.12     | 1.14     | 1.19     | 1.15       | 3.07    | ppb   |
| Neodymium  | 150-1 |          |          |          |            |         | cps   |
| Neodymium  | 150-2 |          |          |          |            |         | cps   |
| Nickel     | 60-2  | 1.74     | 1.82     | 1.73     | 1.76       | 2.73    | ppb   |
| Phosphorus | 31-2  | 265.62   | 259.24   | 352.21   | 292.36     | 17.76   | ppb   |
| Potassium  | 39-2  | 2598.98  | 2671.28  | 2727.18  | 2665.81    | 2.41    | ppb   |
| Rhodium    | 103-1 |          |          |          |            |         | %     |
| Rhodium    | 103-2 |          |          |          |            |         | %     |
| Scandium   | 45-1  |          |          |          |            |         | %     |
| Scandium   | 45-2  |          |          |          |            |         | %     |
| Selenium   | 77-2  | 0.00     | 0.00     | 1.33     | 0.44       | 173.21  | ppb   |
| Selenium   | 78-2  | -0.04    | -0.76    | 0.59     | -0.07      |         | ppb   |
| Selenium   | 82-1  | 1.79     | 1.02     | 1.05     | 1.29       | 34.10   | ppb   |
| Silicon    | 28-1  | 3889.46  | 3910.56  | 3886.95  | 3895.66    | 0.33    | ppb   |
| Silver     | 109-1 | 0.03     | 0.03     | 0.03     | 0.03       | 9.16    | ppb   |
| Silver     | 107-1 | 0.04     | 0.03     | 0.02     | 0.03       | 36.84   | ppb   |
| Sodium     | 23-2  | 37580.48 | 38708.26 | 38926.60 | 38405.11   | 1.88    | ppb   |
| Strontium  | 86-1  | 222.11   | 220.45   | 219.60   | 220.72     | 0.58    | ppb   |
| Strontium  | 88-1  | 226.59   | 224.32   | 224.58   | 225.16     | 0.55    | ppb   |
| Sulfur     | 34-1  | 21083.75 | 21057.56 | 20987.17 | 21042.83   | 0.24    | ppb   |
| Terbium    | 159-1 |          |          |          |            |         | %     |
| Terbium    | 159-2 |          |          |          |            |         | %     |
| Thallium   | 203-1 | -0.02    | -0.02    | -0.03    | -0.02      |         | ppb   |
| Thallium   | 205-1 | -0.02    | -0.02    | -0.02    | -0.02      |         | ppb   |
| Tin        | 118-1 | 3.66     | 3.74     | 3.67     | 3.69       | 1.19    | ppb   |
| Titanium   | 47-1  | 0.47     | 0.27     | 0.42     | 0.39       | 26.85   | ppb   |
| Uranium    | 238-1 | 0.09     | 0.11     | 0.10     | 0.10       | 9.67    | ppb   |
| Vanadium   | 51-2  | 0.90     | 0.94     | 0.96     | 0.93       | 3.36    | ppb   |
| Yttrium    | 89-1  |          |          |          |            |         | %     |
| Yttrium    | 89-2  |          |          |          |            |         | %     |
| Zinc       | 66-2  | 458.18   | 476.10   | 474.12   | 469.47     | 2.09    | ppb   |
| Zirconium  | 90-1  | 0.00     | 0.01     | 0.01     | 0.01       | 122.32  | ppb   |

|                         |                      |                   |                     |
|-------------------------|----------------------|-------------------|---------------------|
| LB Number :             | LB88853              | Operator :        | Jaswal              |
| Lab Sample ID :         | I4278-02RE           | Instrumnet Name : | P7                  |
| Client Sample ID :      | DC3126-02-BS-CLB46-V | Dilution Factor : | 1                   |
| Date & Time Acquired :: | 2017-07-19 15:16:15  | DataFile Name :   | 048SMPL_P7071917 -M |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|-----------|------|---------|---------|---------|------------|---------|-------|
| Zirconium | 91-1 | -0.01   | 0.02    | 0.02    | 0.01       | 133.40  | ppb   |

|                         |                     |                   |                      |
|-------------------------|---------------------|-------------------|----------------------|
| LB Number :             | LB88853             | Operator :        | Jaswal               |
| Lab Sample ID :         | CCV34               | Instrumnet Name : | P7                   |
| Client Sample ID :      | CCV34               | Dilution Factor : | 1                    |
| Date & Time Acquired :: | 2017-07-19 15:19:43 | DataFile Name :   | 049CCV_P7071917 -MS. |

| Parameter  | Mass  | ConRep1   | ConRep2   | ConRep3   | Avg. Conc. | ConcRSD | Units |
|------------|-------|-----------|-----------|-----------|------------|---------|-------|
| Aluminium  | 27-2  | 49115.38  | 50554.30  | 49848.10  | 49839.26   | 1.44    | ppb   |
| Antimony   | 121-1 | 488.69    | 484.55    | 486.67    | 486.64     | 0.43    | ppb   |
| Arsenic    | 75-2  | 497.85    | 504.58    | 496.35    | 499.59     | 0.88    | ppb   |
| Barium     | 135-1 | 2504.46   | 2480.12   | 2475.57   | 2486.72    | 0.62    | ppb   |
| Barium     | 137-1 | 2513.67   | 2486.88   | 2495.58   | 2498.71    | 0.55    | ppb   |
| Beryllium  | 9-1   | 513.56    | 513.15    | 513.98    | 513.56     | 0.08    | ppb   |
| Bismuth    | 209-1 |           |           |           |            |         | %     |
| Bismuth    | 209-2 |           |           |           |            |         | %     |
| Boron      | 10-1  | 503.69    | 519.91    | 516.19    | 513.26     | 1.66    | ppb   |
| Boron      | 11-1  | 501.03    | 517.12    | 515.90    | 511.35     | 1.75    | ppb   |
| Cadmium    | 111-1 | 481.71    | 478.65    | 477.76    | 479.37     | 0.43    | ppb   |
| Cadmium    | 106-1 | 485.89    | 487.54    | 489.31    | 487.58     | 0.35    | ppb   |
| Cadmium    | 108-1 | 480.66    | 476.79    | 487.58    | 481.67     | 1.13    | ppb   |
| Calcium    | 43-1  | 254991.35 | 252235.08 | 252185.89 | 253137.44  | 0.63    | ppb   |
| Calcium    | 44-1  | 250849.93 | 252481.28 | 250918.71 | 251416.64  | 0.37    | ppb   |
| Chromium   | 52-2  | 508.63    | 523.21    | 516.66    | 516.17     | 1.41    | ppb   |
| Cobalt     | 59-2  | 492.51    | 504.48    | 497.29    | 498.10     | 1.21    | ppb   |
| Copper     | 63-2  | 966.89    | 991.91    | 975.35    | 978.05     | 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  | 127335.26 | 130578.36 | 128385.54 | 128766.38  | 1.29    | ppb   |
| Iron       | 57-2  | 127278.25 | 130414.70 | 128495.94 | 128729.63  | 1.23    | ppb   |
| Lead       | 206-1 | 520.52    | 523.64    | 523.47    | 522.55     | 0.34    | ppb   |
| Lead       | 207-1 | 516.24    | 510.76    | 513.85    | 513.62     | 0.53    | ppb   |
| Lead       | 208-1 | 524.42    | 518.74    | 522.47    | 521.88     | 0.55    | ppb   |
| Lithium    | 6-1   |           |           |           |            |         | %     |
| Magnesium  | 24-2  | 241873.40 | 246106.79 | 246486.55 | 244822.24  | 1.05    | ppb   |
| Manganese  | 55-2  | 998.30    | 1016.79   | 1004.27   | 1006.45    | 0.94    | ppb   |

|                         |                     |                   |                      |
|-------------------------|---------------------|-------------------|----------------------|
| LB Number :             | LB88853             | Operator :        | Jaswal               |
| Lab Sample ID :         | CCV34               | Instrumnet Name : | P7                   |
| Client Sample ID :      | CCV34               | Dilution Factor : | 1                    |
| Date & Time Acquired :: | 2017-07-19 15:19:43 | DataFile Name :   | 049CCV_P7071917 -MS. |

| Parameter  | Mass  | ConRep1   | ConRep2   | ConRep3   | Avg. Conc. | ConcRSD | Units |
|------------|-------|-----------|-----------|-----------|------------|---------|-------|
| Molybdenum | 94-1  | 506.12    | 506.97    | 505.71    | 506.27     | 0.13    | ppb   |
| Molybdenum | 95-1  | 509.96    | 512.19    | 510.02    | 510.72     | 0.25    | ppb   |
| Molybdenum | 96-1  | 508.45    | 505.27    | 507.46    | 507.06     | 0.32    | ppb   |
| Molybdenum | 97-1  | 508.00    | 507.00    | 509.24    | 508.08     | 0.22    | ppb   |
| Molybdenum | 98-1  | 512.23    | 511.15    | 512.39    | 511.92     | 0.13    | ppb   |
| Neodymium  | 150-1 |           |           |           |            |         | cps   |
| Neodymium  | 150-2 |           |           |           |            |         | cps   |
| Nickel     | 60-2  | 493.89    | 509.10    | 499.80    | 500.93     | 1.53    | ppb   |
| Phosphorus | 31-2  | 9715.53   | 9941.78   | 9735.28   | 9797.53    | 1.28    | ppb   |
| Potassium  | 39-2  | 123943.07 | 126674.65 | 124179.72 | 124932.48  | 1.21    | ppb   |
| Rhodium    | 103-1 |           |           |           |            |         | %     |
| Rhodium    | 103-2 |           |           |           |            |         | %     |
| Scandium   | 45-1  |           |           |           |            |         | %     |
| Scandium   | 45-2  |           |           |           |            |         | %     |
| Selenium   | 77-2  | 490.55    | 456.12    | 487.90    | 478.19     | 4.01    | ppb   |
| Selenium   | 78-2  | 498.72    | 490.73    | 479.65    | 489.70     | 1.96    | ppb   |
| Selenium   | 82-1  | 495.85    | 488.31    | 485.58    | 489.91     | 1.09    | ppb   |
| Silicon    | 28-1  | 516.86    | 521.83    | 524.68    | 521.12     | 0.76    | ppb   |
| Silver     | 109-1 | 474.06    | 471.52    | 472.13    | 472.57     | 0.28    | ppb   |
| Silver     | 107-1 | 475.27    | 473.59    | 469.57    | 472.81     | 0.62    | ppb   |
| Sodium     | 23-2  | 243375.76 | 249229.00 | 245095.21 | 245899.99  | 1.22    | ppb   |
| Strontium  | 86-1  | 515.84    | 517.55    | 520.73    | 518.04     | 0.48    | ppb   |
| Strontium  | 88-1  | 524.85    | 524.87    | 526.24    | 525.32     | 0.15    | ppb   |
| Sulfur     | 34-1  | 10003.26  | 9976.24   | 9979.02   | 9986.18    | 0.15    | ppb   |
| Terbium    | 159-1 |           |           |           |            |         | %     |
| Terbium    | 159-2 |           |           |           |            |         | %     |
| Thallium   | 203-1 | 519.95    | 518.32    | 518.34    | 518.87     | 0.18    | ppb   |
| Thallium   | 205-1 | 531.37    | 532.62    | 527.55    | 530.52     | 0.50    | ppb   |
| Tin        | 118-1 | 498.51    | 493.28    | 494.13    | 495.31     | 0.57    | ppb   |
| Titanium   | 47-1  | 518.00    | 521.01    | 513.66    | 517.56     | 0.71    | ppb   |
| Uranium    | 238-1 | 543.48    | 545.03    | 540.10    | 542.87     | 0.47    | ppb   |
| Vanadium   | 51-2  | 500.14    | 513.80    | 508.59    | 507.51     | 1.36    | ppb   |
| Yttrium    | 89-1  |           |           |           |            |         | %     |
| Yttrium    | 89-2  |           |           |           |            |         | %     |
| Zinc       | 66-2  | 963.72    | 985.88    | 966.79    | 972.13     | 1.24    | ppb   |
| Zirconium  | 90-1  | 501.99    | 498.94    | 510.22    | 503.72     | 1.16    | ppb   |

|                         |                     |                   |                      |
|-------------------------|---------------------|-------------------|----------------------|
| LB Number :             | LB88853             | Operator :        | Jaswal               |
| Lab Sample ID :         | CCV34               | Instrumnet Name : | P7                   |
| Client Sample ID :      | CCV34               | Dilution Factor : | 1                    |
| Date & Time Acquired :: | 2017-07-19 15:19:43 | DataFile Name :   | 049CCV_P7071917 -MS. |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|-----------|------|---------|---------|---------|------------|---------|-------|
| Zirconium | 91-1 | 495.35  | 496.34  | 499.28  | 496.99     | 0.41    | ppb   |



LB Number : LB88853 Operator : Jaswal  
 Lab Sample ID : CCB34 Instrumnet Name : P7  
 Client Sample ID : CCB34 Dilution Factor : 1  
 Date & Time Acquired :: 2017-07-19 15:29:14 DataFile Name : 050CCBE\_P7071917 -M:

| Parameter  | Mass  | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|------------|-------|---------|---------|---------|------------|---------|-------|
| Aluminium  | 27-2  | 0.71    | 0.08    | 0.94    | 0.58       | 76.60   | ppb   |
| Antimony   | 121-1 | 0.18    | 0.20    | 0.18    | 0.19       | 5.59    | ppb   |
| Arsenic    | 75-2  | 0.02    | 0.05    | 0.04    | 0.03       | 42.71   | ppb   |
| Barium     | 135-1 | -0.09   | -0.09   | -0.09   | -0.09      |         | ppb   |
| Barium     | 137-1 | -0.06   | -0.06   | -0.06   | -0.06      |         | ppb   |
| Beryllium  | 9-1   | 0.10    | 0.03    | 0.08    | 0.07       | 53.88   | ppb   |
| Bismuth    | 209-1 |         |         |         |            |         | %     |
| Bismuth    | 209-2 |         |         |         |            |         | %     |
| Boron      | 10-1  | 5.81    | 6.87    | 6.22    | 6.30       | 8.49    | ppb   |
| Boron      | 11-1  | 7.01    | 5.87    | 6.24    | 6.37       | 9.13    | ppb   |
| Cadmium    | 111-1 | -0.30   | -0.31   | -0.21   | -0.27      |         | ppb   |
| Cadmium    | 106-1 | -3.59   | -3.77   | -2.39   | -3.25      |         | ppb   |
| Cadmium    | 108-1 | -0.05   | -0.05   | 0.05    | -0.02      |         | ppb   |
| Calcium    | 43-1  | -5.59   | 2.66    | -0.01   | -0.98      |         | ppb   |
| Calcium    | 44-1  | -4.97   | -4.09   | -2.97   | -4.01      |         | ppb   |
| Chromium   | 52-2  | -0.02   | -0.01   | -0.03   | -0.02      |         | ppb   |
| Cobalt     | 59-2  | -0.05   | -0.05   | -0.04   | -0.05      |         | ppb   |
| Copper     | 63-2  | 0.02    | -0.07   | 0.00    | -0.02      |         | ppb   |
| Dysprosium | 156-1 |         |         |         |            |         | cps   |
| Dysprosium | 156-2 |         |         |         |            |         | cps   |
| Erbium     | 164-1 |         |         |         |            |         | cps   |
| Erbium     | 164-2 |         |         |         |            |         | cps   |
| Gadolinium | 160-1 |         |         |         |            |         | cps   |
| Gadolinium | 160-2 |         |         |         |            |         | cps   |
| Holmium    | 165-1 |         |         |         |            |         | %     |
| Holmium    | 165-2 |         |         |         |            |         | %     |
| Indium     | 115-1 |         |         |         |            |         | %     |
| Indium     | 115-2 |         |         |         |            |         | %     |
| Iron       | 56-2  | 2.78    | 2.69    | 2.65    | 2.71       | 2.54    | ppb   |
| Iron       | 57-2  | 3.71    | 3.87    | 6.54    | 4.71       | 33.76   | ppb   |
| Lead       | 206-1 | -0.05   | -0.05   | -0.03   | -0.05      |         | ppb   |
| Lead       | 207-1 | -0.05   | -0.04   | -0.02   | -0.04      |         | ppb   |
| Lead       | 208-1 | -0.04   | -0.03   | -0.03   | -0.04      |         | ppb   |
| Lithium    | 6-1   |         |         |         |            |         | %     |
| Magnesium  | 24-2  | -5.15   | -4.90   | -5.13   | -5.06      |         | ppb   |
| Manganese  | 55-2  | 1.49    | 1.53    | 1.56    | 1.53       | 2.26    | ppb   |

|                         |                     |                   |                     |
|-------------------------|---------------------|-------------------|---------------------|
| LB Number :             | LB88853             | Operator :        | Jaswal              |
| Lab Sample ID :         | CCB34               | Instrumnet Name : | P7                  |
| Client Sample ID :      | CCB34               | Dilution Factor : | 1                   |
| Date & Time Acquired :: | 2017-07-19 15:29:14 | DataFile Name :   | 050CCBE_P7071917 -M |

| Parameter  | Mass  | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|------------|-------|---------|---------|---------|------------|---------|-------|
| Molybdenum | 94-1  | 0.07    | 0.05    | 0.07    | 0.06       | 19.16   | ppb   |
| Molybdenum | 95-1  | 0.00    | -0.01   | -0.01   | 0.00       |         | ppb   |
| Molybdenum | 96-1  | 0.02    | 0.02    | 0.04    | 0.02       | 37.27   | ppb   |
| Molybdenum | 97-1  | 0.02    | 0.03    | 0.03    | 0.03       | 27.36   | ppb   |
| Molybdenum | 98-1  | 0.01    | 0.00    | 0.02    | 0.01       | 96.70   | ppb   |
| Neodymium  | 150-1 |         |         |         |            |         | cps   |
| Neodymium  | 150-2 |         |         |         |            |         | cps   |
| Nickel     | 60-2  | -0.23   | -0.27   | -0.13   | -0.21      |         | ppb   |
| Phosphorus | 31-2  | -8.88   | -5.12   | -2.35   | -5.45      |         | ppb   |
| Potassium  | 39-2  | 12.13   | 1.27    | 5.73    | 6.37       | 85.63   | ppb   |
| Rhodium    | 103-1 |         |         |         |            |         | %     |
| Rhodium    | 103-2 |         |         |         |            |         | %     |
| Scandium   | 45-1  |         |         |         |            |         | %     |
| Scandium   | 45-2  |         |         |         |            |         | %     |
| Selenium   | 77-2  | 0.00    | 0.00    | 0.00    | 0.00       | N/A     | ppb   |
| Selenium   | 78-2  | -0.17   | -0.17   | -0.79   | -0.38      |         | ppb   |
| Selenium   | 82-1  | 0.29    | -0.33   | 0.47    | 0.14       | 296.24  | ppb   |
| Silicon    | 28-1  | -2.25   | -1.83   | 1.27    | -0.94      |         | ppb   |
| Silver     | 109-1 | 0.02    | 0.01    | 0.01    | 0.01       | 19.84   | ppb   |
| Silver     | 107-1 | 0.01    | 0.01    | 0.03    | 0.02       | 63.56   | ppb   |
| Sodium     | 23-2  | 23.95   | 21.98   | 21.43   | 22.45      | 5.91    | ppb   |
| Strontium  | 86-1  | 0.05    | 0.00    | -0.03   | 0.00       | 865.78  | ppb   |
| Strontium  | 88-1  | 0.00    | 0.00    | 0.00    | 0.00       |         | ppb   |
| Sulfur     | 34-1  | -290.44 | -127.82 | 6.79    | -137.16    |         | ppb   |
| Terbium    | 159-1 |         |         |         |            |         | %     |
| Terbium    | 159-2 |         |         |         |            |         | %     |
| Thallium   | 203-1 | -0.02   | -0.01   | -0.02   | -0.02      |         | ppb   |
| Thallium   | 205-1 | 0.00    | -0.01   | -0.01   | -0.01      |         | ppb   |
| Tin        | 118-1 | 0.06    | 0.05    | 0.07    | 0.06       | 20.27   | ppb   |
| Titanium   | 47-1  | 0.00    | 0.03    | -0.05   | 0.00       |         | ppb   |
| Uranium    | 238-1 | -0.06   | -0.07   | -0.07   | -0.06      |         | ppb   |
| Vanadium   | 51-2  | -0.03   | -0.03   | -0.03   | -0.03      |         | ppb   |
| Yttrium    | 89-1  |         |         |         |            |         | %     |
| Yttrium    | 89-2  |         |         |         |            |         | %     |
| Zinc       | 66-2  | 0.53    | 0.35    | 0.42    | 0.43       | 21.10   | ppb   |
| Zirconium  | 90-1  | 0.07    | 0.06    | 0.07    | 0.07       | 10.52   | ppb   |

|                         |                     |                   |                      |
|-------------------------|---------------------|-------------------|----------------------|
| LB Number :             | LB88853             | Operator :        | Jaswal               |
| Lab Sample ID :         | CCB34               | Instrumnet Name : | P7                   |
| Client Sample ID :      | CCB34               | Dilution Factor : | 1                    |
| Date & Time Acquired :: | 2017-07-19 15:29:14 | DataFile Name :   | 050CCBE_P7071917 -M: |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|-----------|------|---------|---------|---------|------------|---------|-------|
| Zirconium | 91-1 | 0.09    | 0.06    | 0.06    | 0.07       | 24.12   | ppb   |

|                         |                     |                   |                     |
|-------------------------|---------------------|-------------------|---------------------|
| LB Number :             | LB88853             | Operator :        | Jaswal              |
| Lab Sample ID :         | I4255-01DLX2        | Instrumnet Name : | P7                  |
| Client Sample ID :      | MH0CC0              | Dilution Factor : | 2                   |
| Date & Time Acquired :: | 2017-07-19 15:32:42 | DataFile Name :   | 051SMPL_P7071917 -M |

| Parameter  | Mass  | ConRep1   | ConRep2   | ConRep3   | Avg. Conc. | ConcRSD | Units |
|------------|-------|-----------|-----------|-----------|------------|---------|-------|
| Aluminium  | 27-2  | 14.90     | 16.62     | 14.44     | 15.32      | 7.52    | ppb   |
| Antimony   | 121-1 | 0.29      | 0.26      | 0.28      | 0.28       | 4.91    | ppb   |
| Arsenic    | 75-2  | 4.04      | 3.95      | 3.71      | 3.90       | 4.34    | ppb   |
| Barium     | 135-1 | 37.12     | 37.25     | 37.48     | 37.28      | 0.49    | ppb   |
| Barium     | 137-1 | 38.42     | 37.60     | 38.08     | 38.03      | 1.09    | ppb   |
| Beryllium  | 9-1   | 0.09      | 0.08      | 0.06      | 0.08       | 25.08   | ppb   |
| Bismuth    | 209-1 |           |           |           |            |         | %     |
| Bismuth    | 209-2 |           |           |           |            |         | %     |
| Boron      | 10-1  | 27.28     | 28.78     | 29.23     | 28.43      | 3.60    | ppb   |
| Boron      | 11-1  | 27.56     | 28.62     | 28.72     | 28.30      | 2.26    | ppb   |
| Cadmium    | 111-1 | -0.13     | -0.09     | -0.04     | -0.08      |         | ppb   |
| Cadmium    | 106-1 | -1.30     | -0.87     | -0.13     | -0.77      |         | ppb   |
| Cadmium    | 108-1 | 1.45      | 1.63      | 1.68      | 1.59       | 7.59    | ppb   |
| Calcium    | 43-1  | 123414.88 | 123431.32 | 121315.92 | 122720.71  | 0.99    | ppb   |
| Calcium    | 44-1  | 123397.11 | 123215.96 | 121630.27 | 122747.78  | 0.79    | ppb   |
| Chromium   | 52-2  | 0.08      | 0.08      | 0.06      | 0.07       | 17.28   | ppb   |
| Cobalt     | 59-2  | 39.76     | 40.67     | 40.37     | 40.26      | 1.15    | ppb   |
| Copper     | 63-2  | 0.80      | 0.78      | 0.87      | 0.81       | 5.90    | ppb   |
| Dysprosium | 156-1 |           |           |           |            |         | cps   |
| Dysprosium | 156-2 |           |           |           |            |         | cps   |
| Erbium     | 164-1 |           |           |           |            |         | cps   |
| Erbium     | 164-2 |           |           |           |            |         | cps   |
| Gadolinium | 160-1 |           |           |           |            |         | cps   |
| Gadolinium | 160-2 |           |           |           |            |         | cps   |
| Holmium    | 165-1 |           |           |           |            |         | %     |
| Holmium    | 165-2 |           |           |           |            |         | %     |
| Indium     | 115-1 |           |           |           |            |         | %     |
| Indium     | 115-2 |           |           |           |            |         | %     |
| Iron       | 56-2  | 1647.74   | 1651.06   | 1662.27   | 1653.69    | 0.46    | ppb   |
| Iron       | 57-2  | 1750.96   | 1787.14   | 1775.38   | 1771.16    | 1.04    | ppb   |
| Lead       | 206-1 | -0.02     | 0.00      | -0.01     | -0.01      |         | ppb   |
| Lead       | 207-1 | 0.02      | 0.01      | 0.00      | 0.01       | 117.12  | ppb   |
| Lead       | 208-1 | 0.00      | 0.01      | 0.00      | 0.01       | 100.95  | ppb   |
| Lithium    | 6-1   |           |           |           |            |         | %     |
| Magnesium  | 24-2  | 26573.79  | 26616.85  | 26552.22  | 26580.95   | 0.12    | ppb   |
| Manganese  | 55-2  | 34333.59  | 34271.53  | 34429.43  | 34344.85   | 0.23    | ppb   |

|                         |                     |                   |                     |
|-------------------------|---------------------|-------------------|---------------------|
| LB Number :             | LB88853             | Operator :        | Jaswal              |
| Lab Sample ID :         | I4255-01DLX2        | Instrumnet Name : | P7                  |
| Client Sample ID :      | MH0CC0              | Dilution Factor : | 2                   |
| Date & Time Acquired :: | 2017-07-19 15:32:42 | DataFile Name :   | 051SMPL_P7071917 -M |

| Parameter  | Mass  | ConRep1   | ConRep2   | ConRep3   | Avg. Conc. | ConcRSD | Units |
|------------|-------|-----------|-----------|-----------|------------|---------|-------|
| Molybdenum | 94-1  | 0.85      | 0.70      | 0.66      | 0.74       | 13.88   | ppb   |
| Molybdenum | 95-1  | 0.82      | 0.71      | 0.89      | 0.81       | 11.23   | ppb   |
| Molybdenum | 96-1  | 0.34      | 0.31      | 0.32      | 0.32       | 4.49    | ppb   |
| Molybdenum | 97-1  | 0.15      | 0.18      | 0.19      | 0.18       | 10.85   | ppb   |
| Molybdenum | 98-1  | 0.17      | 0.15      | 0.19      | 0.17       | 9.76    | ppb   |
| Neodymium  | 150-1 |           |           |           |            |         | cps   |
| Neodymium  | 150-2 |           |           |           |            |         | cps   |
| Nickel     | 60-2  | 14.89     | 14.81     | 14.81     | 14.84      | 0.34    | ppb   |
| Phosphorus | 31-2  | 101.64    | 104.41    | 105.32    | 103.79     | 1.85    | ppb   |
| Potassium  | 39-2  | 4046.99   | 4048.46   | 4050.05   | 4048.50    | 0.04    | ppb   |
| Rhodium    | 103-1 |           |           |           |            |         | %     |
| Rhodium    | 103-2 |           |           |           |            |         | %     |
| Scandium   | 45-1  |           |           |           |            |         | %     |
| Scandium   | 45-2  |           |           |           |            |         | %     |
| Selenium   | 77-2  | 0.67      | 0.00      | 0.00      | 0.22       | 173.21  | ppb   |
| Selenium   | 78-2  | -1.02     | -0.58     | -0.80     | -0.80      |         | ppb   |
| Selenium   | 82-1  | 1.61      | 0.99      | 0.78      | 1.13       | 38.27   | ppb   |
| Silicon    | 28-1  | 4371.04   | 4343.32   | 4277.62   | 4330.66    | 1.11    | ppb   |
| Silver     | 109-1 | 0.14      | 0.16      | 0.17      | 0.16       | 6.97    | ppb   |
| Silver     | 107-1 | 0.13      | 0.15      | 0.17      | 0.15       | 11.78   | ppb   |
| Sodium     | 23-2  | 9527.95   | 9537.61   | 9537.79   | 9534.45    | 0.06    | ppb   |
| Strontium  | 86-1  | 353.36    | 353.80    | 351.08    | 352.75     | 0.41    | ppb   |
| Strontium  | 88-1  | 358.64    | 362.41    | 358.56    | 359.87     | 0.61    | ppb   |
| Sulfur     | 34-1  | 140250.71 | 140166.52 | 137909.71 | 139442.31  | 0.95    | ppb   |
| Terbium    | 159-1 |           |           |           |            |         | %     |
| Terbium    | 159-2 |           |           |           |            |         | %     |
| Thallium   | 203-1 | 0.01      | 0.01      | -0.01     | 0.00       | 305.10  | ppb   |
| Thallium   | 205-1 | 0.01      | 0.01      | 0.00      | 0.01       | 67.28   | ppb   |
| Tin        | 118-1 | 0.02      | 0.01      | 0.02      | 0.02       | 18.75   | ppb   |
| Titanium   | 47-1  | 2.24      | 2.16      | 2.30      | 2.24       | 3.08    | ppb   |
| Uranium    | 238-1 | 0.00      | 0.00      | 0.00      | 0.00       | 93.10   | ppb   |
| Vanadium   | 51-2  | 0.14      | 0.15      | 0.16      | 0.15       | 8.73    | ppb   |
| Yttrium    | 89-1  |           |           |           |            |         | %     |
| Yttrium    | 89-2  |           |           |           |            |         | %     |
| Zinc       | 66-2  | 4624.01   | 4656.73   | 4663.85   | 4648.20    | 0.46    | ppb   |
| Zirconium  | 90-1  | 1.05      | 0.94      | 0.91      | 0.97       | 7.72    | ppb   |

|                         |                     |                   |                     |
|-------------------------|---------------------|-------------------|---------------------|
| LB Number :             | LB88853             | Operator :        | Jaswal              |
| Lab Sample ID :         | I4255-01DLX2        | Instrumnet Name : | P7                  |
| Client Sample ID :      | MH0CC0              | Dilution Factor : | 2                   |
| Date & Time Acquired :: | 2017-07-19 15:32:42 | DataFile Name :   | 051SMPL_P7071917 -M |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|-----------|------|---------|---------|---------|------------|---------|-------|
| Zirconium | 91-1 | 1.03    | 1.07    | 0.95    | 1.01       | 6.13    | ppb   |

|                         |                     |                   |                     |
|-------------------------|---------------------|-------------------|---------------------|
| LB Number :             | LB88853             | Operator :        | Jaswal              |
| Lab Sample ID :         | I4255-02DLX2        | Instrumnet Name : | P7                  |
| Client Sample ID :      | MH0CC1              | Dilution Factor : | 2                   |
| Date & Time Acquired :: | 2017-07-19 15:36:08 | DataFile Name :   | 052SMPL_P7071917 -M |

| Parameter  | Mass  | ConRep1   | ConRep2   | ConRep3   | Avg. Conc. | ConcRSD | Units |
|------------|-------|-----------|-----------|-----------|------------|---------|-------|
| Aluminium  | 27-2  | 8502.85   | 8600.26   | 8603.30   | 8568.80    | 0.67    | ppb   |
| Antimony   | 121-1 | 0.39      | 0.42      | 0.43      | 0.41       | 4.75    | ppb   |
| Arsenic    | 75-2  | 55.61     | 55.82     | 54.69     | 55.37      | 1.09    | ppb   |
| Barium     | 135-1 | 7.09      | 7.17      | 7.17      | 7.15       | 0.63    | ppb   |
| Barium     | 137-1 | 7.13      | 7.27      | 7.26      | 7.22       | 1.06    | ppb   |
| Beryllium  | 9-1   | 6.15      | 6.08      | 5.81      | 6.01       | 3.00    | ppb   |
| Bismuth    | 209-1 |           |           |           |            |         | %     |
| Bismuth    | 209-2 |           |           |           |            |         | %     |
| Boron      | 10-1  | 17.45     | 19.58     | 18.72     | 18.58      | 5.77    | ppb   |
| Boron      | 11-1  | 18.26     | 19.29     | 18.80     | 18.78      | 2.73    | ppb   |
| Cadmium    | 111-1 | 253.41    | 257.28    | 255.55    | 255.42     | 0.76    | ppb   |
| Cadmium    | 106-1 | 235.99    | 244.16    | 242.76    | 240.97     | 1.81    | ppb   |
| Cadmium    | 108-1 | 247.56    | 248.47    | 248.50    | 248.18     | 0.22    | ppb   |
| Calcium    | 43-1  | 129181.82 | 128015.72 | 128072.86 | 128423.47  | 0.51    | ppb   |
| Calcium    | 44-1  | 128944.45 | 127379.43 | 128383.71 | 128235.86  | 0.62    | ppb   |
| Chromium   | 52-2  | 0.87      | 0.88      | 0.79      | 0.85       | 5.82    | ppb   |
| Cobalt     | 59-2  | 373.15    | 375.65    | 376.43    | 375.08     | 0.46    | ppb   |
| Copper     | 63-2  | 2380.28   | 2387.33   | 2408.83   | 2392.14    | 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  | 15493.63  | 15560.86  | 15579.36  | 15544.62   | 0.29    | ppb   |
| Iron       | 57-2  | 15217.30  | 15312.49  | 15398.44  | 15309.41   | 0.59    | ppb   |
| Lead       | 206-1 | 16.86     | 16.95     | 16.89     | 16.90      | 0.28    | ppb   |
| Lead       | 207-1 | 16.04     | 15.83     | 16.05     | 15.98      | 0.77    | ppb   |
| Lead       | 208-1 | 16.58     | 16.53     | 16.60     | 16.57      | 0.20    | ppb   |
| Lithium    | 6-1   |           |           |           |            |         | %     |
| Magnesium  | 24-2  | 50877.75  | 51029.88  | 51151.70  | 51019.78   | 0.27    | ppb   |
| Manganese  | 55-2  | 68334.99  | 68099.12  | 68321.65  | 68251.92   | 0.19    | ppb   |

|                         |                     |                   |                     |
|-------------------------|---------------------|-------------------|---------------------|
| LB Number :             | LB88853             | Operator :        | Jaswal              |
| Lab Sample ID :         | I4255-02DLX2        | Instrumnet Name : | P7                  |
| Client Sample ID :      | MH0CC1              | Dilution Factor : | 2                   |
| Date & Time Acquired :: | 2017-07-19 15:36:08 | DataFile Name :   | 052SMPL_P7071917 -M |

| Parameter  | Mass  | ConRep1   | ConRep2   | ConRep3   | Avg. Conc. | ConcRSD | Units |
|------------|-------|-----------|-----------|-----------|------------|---------|-------|
| Molybdenum | 94-1  | 0.08      | 0.07      | 0.09      | 0.08       | 11.49   | ppb   |
| Molybdenum | 95-1  | 0.65      | 0.61      | 0.59      | 0.61       | 4.72    | ppb   |
| Molybdenum | 96-1  | 0.02      | 0.03      | 0.04      | 0.03       | 21.05   | ppb   |
| Molybdenum | 97-1  | -0.02     | -0.01     | -0.01     | -0.01      |         | ppb   |
| Molybdenum | 98-1  | -0.02     | -0.03     | -0.02     | -0.02      |         | ppb   |
| Neodymium  | 150-1 |           |           |           |            |         | cps   |
| Neodymium  | 150-2 |           |           |           |            |         | cps   |
| Nickel     | 60-2  | 131.62    | 132.92    | 135.35    | 133.30     | 1.42    | ppb   |
| Phosphorus | 31-2  | 8.53      | 13.66     | -7.22     | 4.99       | 218.03  | ppb   |
| Potassium  | 39-2  | 4726.77   | 4789.33   | 4764.41   | 4760.17    | 0.66    | ppb   |
| Rhodium    | 103-1 |           |           |           |            |         | %     |
| Rhodium    | 103-2 |           |           |           |            |         | %     |
| Scandium   | 45-1  |           |           |           |            |         | %     |
| Scandium   | 45-2  |           |           |           |            |         | %     |
| Selenium   | 77-2  | 86.11     | 88.43     | 86.94     | 87.16      | 1.35    | ppb   |
| Selenium   | 78-2  | 11.29     | 13.50     | 11.90     | 12.23      | 9.31    | ppb   |
| Selenium   | 82-1  | 3.27      | 3.87      | 3.04      | 3.39       | 12.57   | ppb   |
| Silicon    | 28-1  | 3561.70   | 3527.51   | 3537.80   | 3542.34    | 0.50    | ppb   |
| Silver     | 109-1 | 0.16      | 0.20      | 0.22      | 0.19       | 16.04   | ppb   |
| Silver     | 107-1 | 0.22      | 0.23      | 0.26      | 0.24       | 8.79    | ppb   |
| Sodium     | 23-2  | 16834.15  | 16932.35  | 17154.65  | 16973.72   | 0.97    | ppb   |
| Strontium  | 86-1  | 227.97    | 228.99    | 224.33    | 227.10     | 1.08    | ppb   |
| Strontium  | 88-1  | 234.06    | 232.45    | 230.00    | 232.17     | 0.88    | ppb   |
| Sulfur     | 34-1  | 252285.40 | 249258.50 | 252088.54 | 251210.81  | 0.67    | ppb   |
| Terbium    | 159-1 |           |           |           |            |         | %     |
| Terbium    | 159-2 |           |           |           |            |         | %     |
| Thallium   | 203-1 | 0.11      | 0.11      | 0.09      | 0.10       | 8.65    | ppb   |
| Thallium   | 205-1 | 0.13      | 0.11      | 0.11      | 0.11       | 8.09    | ppb   |
| Tin        | 118-1 | -0.01     | -0.01     | -0.01     | -0.01      |         | ppb   |
| Titanium   | 47-1  | 0.43      | 0.68      | 0.43      | 0.51       | 28.15   | ppb   |
| Uranium    | 238-1 | 49.14     | 49.00     | 48.83     | 48.99      | 0.32    | ppb   |
| Vanadium   | 51-2  | 0.06      | 0.06      | 0.05      | 0.06       | 8.41    | ppb   |
| Yttrium    | 89-1  |           |           |           |            |         | %     |
| Yttrium    | 89-2  |           |           |           |            |         | %     |
| Zinc       | 66-2  | 56677.83  | 56490.55  | 56710.55  | 56626.31   | 0.21    | ppb   |
| Zirconium  | 90-1  | 0.10      | 0.12      | 0.11      | 0.11       | 9.86    | ppb   |



|                         |                     |                   |                     |
|-------------------------|---------------------|-------------------|---------------------|
| LB Number :             | LB88853             | Operator :        | Jaswal              |
| Lab Sample ID :         | I4255-02DLX2        | Instrumnet Name : | P7                  |
| Client Sample ID :      | MH0CC1              | Dilution Factor : | 2                   |
| Date & Time Acquired :: | 2017-07-19 15:36:08 | DataFile Name :   | 052SMPL_P7071917 -M |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|-----------|------|---------|---------|---------|------------|---------|-------|
| Zirconium | 91-1 | 0.12    | 0.13    | 0.11    | 0.12       | 9.53    | ppb   |

|                         |                     |                   |                     |
|-------------------------|---------------------|-------------------|---------------------|
| LB Number :             | LB88853             | Operator :        | Jaswal              |
| Lab Sample ID :         | I4255-03DLX2        | Instrumnet Name : | P7                  |
| Client Sample ID :      | MH0CC4              | Dilution Factor : | 2                   |
| Date & Time Acquired :: | 2017-07-19 15:39:32 | DataFile Name :   | 053SMPL_P7071917 -M |

| Parameter  | Mass  | ConRep1  | ConRep2  | ConRep3  | Avg. Conc. | ConcRSD | Units |
|------------|-------|----------|----------|----------|------------|---------|-------|
| Aluminium  | 27-2  | 20564.32 | 20495.45 | 20687.08 | 20582.28   | 0.47    | ppb   |
| Antimony   | 121-1 | 1.94     | 2.03     | 1.94     | 1.97       | 2.70    | ppb   |
| Arsenic    | 75-2  | 181.24   | 178.66   | 179.84   | 179.92     | 0.72    | ppb   |
| Barium     | 135-1 | 8.16     | 8.10     | 7.77     | 8.01       | 2.65    | ppb   |
| Barium     | 137-1 | 8.33     | 8.58     | 7.83     | 8.24       | 4.65    | ppb   |
| Beryllium  | 9-1   | 7.48     | 7.33     | 6.95     | 7.25       | 3.70    | ppb   |
| Bismuth    | 209-1 |          |          |          |            |         | %     |
| Bismuth    | 209-2 |          |          |          |            |         | %     |
| Boron      | 10-1  | 8.89     | 8.23     | 8.14     | 8.42       | 4.92    | ppb   |
| Boron      | 11-1  | 9.69     | 8.99     | 9.07     | 9.25       | 4.12    | ppb   |
| Cadmium    | 111-1 | 117.30   | 116.64   | 115.90   | 116.61     | 0.60    | ppb   |
| Cadmium    | 106-1 | 113.42   | 108.44   | 106.94   | 109.60     | 3.09    | ppb   |
| Cadmium    | 108-1 | 112.93   | 114.14   | 106.62   | 111.23     | 3.63    | ppb   |
| Calcium    | 43-1  | 57987.80 | 57894.35 | 56637.09 | 57506.41   | 1.31    | ppb   |
| Calcium    | 44-1  | 58251.48 | 58338.41 | 56434.66 | 57674.85   | 1.86    | ppb   |
| Chromium   | 52-2  | 2.42     | 2.45     | 2.53     | 2.47       | 2.24    | ppb   |
| Cobalt     | 59-2  | 71.74    | 71.08    | 71.74    | 71.52      | 0.53    | ppb   |
| Copper     | 63-2  | 948.47   | 948.91   | 950.82   | 949.40     | 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  | 4800.90  | 4772.71  | 4790.20  | 4787.94    | 0.30    | ppb   |
| Iron       | 57-2  | 4753.66  | 4709.95  | 4758.93  | 4740.85    | 0.57    | ppb   |
| Lead       | 206-1 | 72.79    | 72.04    | 71.17    | 72.00      | 1.13    | ppb   |
| Lead       | 207-1 | 67.76    | 67.92    | 66.04    | 67.24      | 1.55    | ppb   |
| Lead       | 208-1 | 70.64    | 70.29    | 68.61    | 69.85      | 1.55    | ppb   |
| Lithium    | 6-1   |          |          |          |            |         | %     |
| Magnesium  | 24-2  | 25230.89 | 25043.56 | 25310.78 | 25195.08   | 0.54    | ppb   |
| Manganese  | 55-2  | 34593.38 | 34275.43 | 34109.91 | 34326.24   | 0.72    | ppb   |

|                         |                     |                   |                     |
|-------------------------|---------------------|-------------------|---------------------|
| LB Number :             | LB88853             | Operator :        | Jaswal              |
| Lab Sample ID :         | I4255-03DLX2        | Instrumnet Name : | P7                  |
| Client Sample ID :      | MH0CC4              | Dilution Factor : | 2                   |
| Date & Time Acquired :: | 2017-07-19 15:39:32 | DataFile Name :   | 053SMPL_P7071917 -M |

| Parameter  | Mass  | ConRep1   | ConRep2   | ConRep3   | Avg. Conc. | ConcRSD | Units |
|------------|-------|-----------|-----------|-----------|------------|---------|-------|
| Molybdenum | 94-1  | 0.19      | 0.21      | 0.18      | 0.19       | 7.25    | ppb   |
| Molybdenum | 95-1  | 0.29      | 0.33      | 0.27      | 0.29       | 10.27   | ppb   |
| Molybdenum | 96-1  | 0.05      | 0.05      | 0.05      | 0.05       | 4.72    | ppb   |
| Molybdenum | 97-1  | -0.01     | -0.01     | -0.03     | -0.02      |         | ppb   |
| Molybdenum | 98-1  | -0.03     | -0.02     | -0.02     | -0.02      |         | ppb   |
| Neodymium  | 150-1 |           |           |           |            |         | cps   |
| Neodymium  | 150-2 |           |           |           |            |         | cps   |
| Nickel     | 60-2  | 49.11     | 49.72     | 48.18     | 49.00      | 1.58    | ppb   |
| Phosphorus | 31-2  | 18.63     | 18.57     | 34.63     | 23.94      | 38.64   | ppb   |
| Potassium  | 39-2  | 2675.41   | 2676.93   | 2662.11   | 2671.48    | 0.31    | ppb   |
| Rhodium    | 103-1 |           |           |           |            |         | %     |
| Rhodium    | 103-2 |           |           |           |            |         | %     |
| Scandium   | 45-1  |           |           |           |            |         | %     |
| Scandium   | 45-2  |           |           |           |            |         | %     |
| Selenium   | 77-2  | 101.66    | 111.64    | 101.52    | 104.94     | 5.53    | ppb   |
| Selenium   | 78-2  | 14.54     | 14.86     | 14.73     | 14.71      | 1.10    | ppb   |
| Selenium   | 82-1  | 2.88      | 3.32      | 3.66      | 3.29       | 11.89   | ppb   |
| Silicon    | 28-1  | 4687.77   | 4693.01   | 4571.66   | 4650.81    | 1.47    | ppb   |
| Silver     | 109-1 | 0.35      | 0.42      | 0.38      | 0.38       | 9.45    | ppb   |
| Silver     | 107-1 | 0.34      | 0.38      | 0.39      | 0.37       | 7.35    | ppb   |
| Sodium     | 23-2  | 7534.43   | 7513.30   | 7499.53   | 7515.75    | 0.23    | ppb   |
| Strontium  | 86-1  | 89.32     | 91.01     | 89.05     | 89.79      | 1.18    | ppb   |
| Strontium  | 88-1  | 92.11     | 93.22     | 91.27     | 92.20      | 1.06    | ppb   |
| Sulfur     | 34-1  | 145780.76 | 145916.25 | 142014.62 | 144570.54  | 1.53    | ppb   |
| Terbium    | 159-1 |           |           |           |            |         | %     |
| Terbium    | 159-2 |           |           |           |            |         | %     |
| Thallium   | 203-1 | 0.02      | 0.02      | 0.03      | 0.02       | 10.61   | ppb   |
| Thallium   | 205-1 | 0.03      | 0.02      | 0.03      | 0.03       | 19.27   | ppb   |
| Tin        | 118-1 | -0.01     | -0.01     | -0.03     | -0.02      |         | ppb   |
| Titanium   | 47-1  | 0.45      | 0.52      | 0.61      | 0.53       | 15.35   | ppb   |
| Uranium    | 238-1 | 49.41     | 49.13     | 48.01     | 48.85      | 1.52    | ppb   |
| Vanadium   | 51-2  | 0.05      | 0.05      | 0.02      | 0.04       | 39.46   | ppb   |
| Yttrium    | 89-1  |           |           |           |            |         | %     |
| Yttrium    | 89-2  |           |           |           |            |         | %     |
| Zinc       | 66-2  | 19165.10  | 19124.50  | 19171.19  | 19153.60   | 0.13    | ppb   |
| Zirconium  | 90-1  | 0.30      | 0.29      | 0.30      | 0.30       | 2.37    | ppb   |

|                         |                     |                   |                     |
|-------------------------|---------------------|-------------------|---------------------|
| LB Number :             | LB88853             | Operator :        | Jaswal              |
| Lab Sample ID :         | I4255-03DLX2        | Instrumnet Name : | P7                  |
| Client Sample ID :      | MH0CC4              | Dilution Factor : | 2                   |
| Date & Time Acquired :: | 2017-07-19 15:39:32 | DataFile Name :   | 053SMPL_P7071917 -M |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|-----------|------|---------|---------|---------|------------|---------|-------|
| Zirconium | 91-1 | 0.35    | 0.38    | 0.37    | 0.37       | 3.36    | ppb   |

|                         |                     |                   |                     |
|-------------------------|---------------------|-------------------|---------------------|
| LB Number :             | LB88853             | Operator :        | Jaswal              |
| Lab Sample ID :         | I4255-04DLX2        | Instrumnet Name : | P7                  |
| Client Sample ID :      | MH0CC4D             | Dilution Factor : | 2                   |
| Date & Time Acquired :: | 2017-07-19 15:42:58 | DataFile Name :   | 054SMPL_P7071917 -M |

| Parameter  | Mass  | ConRep1  | ConRep2  | ConRep3  | Avg. Conc. | ConcRSD | Units |
|------------|-------|----------|----------|----------|------------|---------|-------|
| Aluminium  | 27-2  | 19833.48 | 19974.60 | 19895.46 | 19901.18   | 0.36    | ppb   |
| Antimony   | 121-1 | 1.91     | 1.97     | 1.85     | 1.91       | 3.27    | ppb   |
| Arsenic    | 75-2  | 176.92   | 178.79   | 178.35   | 178.02     | 0.55    | ppb   |
| Barium     | 135-1 | 8.05     | 8.00     | 7.89     | 7.98       | 1.03    | ppb   |
| Barium     | 137-1 | 8.39     | 8.08     | 7.89     | 8.12       | 3.11    | ppb   |
| Beryllium  | 9-1   | 7.20     | 7.33     | 6.69     | 7.07       | 4.75    | ppb   |
| Bismuth    | 209-1 |          |          |          |            |         | %     |
| Bismuth    | 209-2 |          |          |          |            |         | %     |
| Boron      | 10-1  | 7.85     | 7.86     | 7.42     | 7.71       | 3.27    | ppb   |
| Boron      | 11-1  | 8.42     | 8.27     | 9.27     | 8.65       | 6.23    | ppb   |
| Cadmium    | 111-1 | 117.45   | 114.02   | 113.50   | 114.99     | 1.86    | ppb   |
| Cadmium    | 106-1 | 112.50   | 104.29   | 104.53   | 107.11     | 4.36    | ppb   |
| Cadmium    | 108-1 | 109.09   | 112.73   | 110.76   | 110.86     | 1.64    | ppb   |
| Calcium    | 43-1  | 57406.55 | 56302.55 | 55470.46 | 56393.18   | 1.72    | ppb   |
| Calcium    | 44-1  | 57789.50 | 56546.89 | 55338.85 | 56558.41   | 2.17    | ppb   |
| Chromium   | 52-2  | 2.37     | 2.53     | 2.44     | 2.44       | 3.27    | ppb   |
| Cobalt     | 59-2  | 68.98    | 69.74    | 69.29    | 69.34      | 0.55    | ppb   |
| Copper     | 63-2  | 915.24   | 925.59   | 924.98   | 921.94     | 0.63    | 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  | 4663.60  | 4701.52  | 4658.02  | 4674.38    | 0.51    | ppb   |
| Iron       | 57-2  | 4570.84  | 4654.10  | 4589.89  | 4604.94    | 0.95    | ppb   |
| Lead       | 206-1 | 72.16    | 70.62    | 68.43    | 70.40      | 2.66    | ppb   |
| Lead       | 207-1 | 67.02    | 65.50    | 64.06    | 65.53      | 2.26    | ppb   |
| Lead       | 208-1 | 70.07    | 68.42    | 66.72    | 68.40      | 2.45    | ppb   |
| Lithium    | 6-1   |          |          |          |            |         | %     |
| Magnesium  | 24-2  | 24183.78 | 24410.76 | 24325.77 | 24306.77   | 0.47    | ppb   |
| Manganese  | 55-2  | 33222.29 | 33355.44 | 33277.21 | 33284.98   | 0.20    | ppb   |

|                         |                     |                   |                     |
|-------------------------|---------------------|-------------------|---------------------|
| LB Number :             | LB88853             | Operator :        | Jaswal              |
| Lab Sample ID :         | I4255-04DLX2        | Instrumnet Name : | P7                  |
| Client Sample ID :      | MH0CC4D             | Dilution Factor : | 2                   |
| Date & Time Acquired :: | 2017-07-19 15:42:58 | DataFile Name :   | 054SMPL_P7071917 -M |

| Parameter  | Mass  | ConRep1   | ConRep2   | ConRep3   | Avg. Conc. | ConcRSD | Units |
|------------|-------|-----------|-----------|-----------|------------|---------|-------|
| Molybdenum | 94-1  | 0.20      | 0.22      | 0.21      | 0.21       | 4.66    | ppb   |
| Molybdenum | 95-1  | 0.33      | 0.32      | 0.28      | 0.31       | 7.36    | ppb   |
| Molybdenum | 96-1  | 0.04      | 0.04      | 0.06      | 0.05       | 15.20   | ppb   |
| Molybdenum | 97-1  | -0.03     | -0.02     | -0.03     | -0.02      |         | ppb   |
| Molybdenum | 98-1  | -0.03     | -0.02     | -0.02     | -0.02      |         | ppb   |
| Neodymium  | 150-1 |           |           |           |            |         | cps   |
| Neodymium  | 150-2 |           |           |           |            |         | cps   |
| Nickel     | 60-2  | 48.15     | 48.27     | 48.06     | 48.16      | 0.22    | ppb   |
| Phosphorus | 31-2  | 9.36      | 22.80     | 9.71      | 13.96      | 54.89   | ppb   |
| Potassium  | 39-2  | 2607.42   | 2569.23   | 2615.65   | 2597.43    | 0.95    | ppb   |
| Rhodium    | 103-1 |           |           |           |            |         | %     |
| Rhodium    | 103-2 |           |           |           |            |         | %     |
| Scandium   | 45-1  |           |           |           |            |         | %     |
| Scandium   | 45-2  |           |           |           |            |         | %     |
| Selenium   | 77-2  | 98.78     | 109.50    | 105.68    | 104.65     | 5.19    | ppb   |
| Selenium   | 78-2  | 13.21     | 14.00     | 13.42     | 13.54      | 3.02    | ppb   |
| Selenium   | 82-1  | 3.21      | 3.07      | 3.12      | 3.13       | 2.28    | ppb   |
| Silicon    | 28-1  | 4632.05   | 4559.00   | 4452.92   | 4547.99    | 1.98    | ppb   |
| Silver     | 109-1 | 0.35      | 0.37      | 0.38      | 0.37       | 5.04    | ppb   |
| Silver     | 107-1 | 0.39      | 0.38      | 0.36      | 0.38       | 4.77    | ppb   |
| Sodium     | 23-2  | 7242.11   | 7296.53   | 7227.85   | 7255.50    | 0.50    | ppb   |
| Strontium  | 86-1  | 90.83     | 89.35     | 88.87     | 89.68      | 1.14    | ppb   |
| Strontium  | 88-1  | 92.18     | 90.70     | 90.90     | 91.26      | 0.88    | ppb   |
| Sulfur     | 34-1  | 143909.10 | 140742.58 | 137345.77 | 140665.81  | 2.33    | ppb   |
| Terbium    | 159-1 |           |           |           |            |         | %     |
| Terbium    | 159-2 |           |           |           |            |         | %     |
| Thallium   | 203-1 | 0.01      | 0.02      | 0.00      | 0.01       | 126.25  | ppb   |
| Thallium   | 205-1 | 0.03      | 0.02      | 0.02      | 0.03       | 26.19   | ppb   |
| Tin        | 118-1 | -0.02     | 0.03      | 0.00      | 0.00       |         | ppb   |
| Titanium   | 47-1  | 0.64      | 0.64      | 0.62      | 0.63       | 2.09    | ppb   |
| Uranium    | 238-1 | 48.50     | 47.49     | 46.22     | 47.40      | 2.41    | ppb   |
| Vanadium   | 51-2  | 0.06      | 0.03      | 0.01      | 0.03       | 85.86   | ppb   |
| Yttrium    | 89-1  |           |           |           |            |         | %     |
| Yttrium    | 89-2  |           |           |           |            |         | %     |
| Zinc       | 66-2  | 18467.89  | 18651.18  | 18637.10  | 18585.39   | 0.55    | ppb   |
| Zirconium  | 90-1  | 0.29      | 0.31      | 0.30      | 0.30       | 3.82    | ppb   |

|                         |                     |                   |                     |
|-------------------------|---------------------|-------------------|---------------------|
| LB Number :             | LB88853             | Operator :        | Jaswal              |
| Lab Sample ID :         | I4255-04DLX2        | Instrumnet Name : | P7                  |
| Client Sample ID :      | MH0CC4D             | Dilution Factor : | 2                   |
| Date & Time Acquired :: | 2017-07-19 15:42:58 | DataFile Name :   | 054SMPL_P7071917 -M |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|-----------|------|---------|---------|---------|------------|---------|-------|
| Zirconium | 91-1 | 0.33    | 0.36    | 0.33    | 0.34       | 4.29    | ppb   |

|                         |                     |                   |                     |
|-------------------------|---------------------|-------------------|---------------------|
| LB Number :             | LB88853             | Operator :        | Jaswal              |
| Lab Sample ID :         | I4255-03LDLX10      | Instrumnet Name : | P7                  |
| Client Sample ID :      | MH0CC4L             | Dilution Factor : | 10                  |
| Date & Time Acquired :: | 2017-07-19 15:46:23 | DataFile Name :   | 055SMPL_P7071917 -M |

| Parameter  | Mass  | ConRep1  | ConRep2  | ConRep3  | Avg. Conc. | ConcRSD | Units |
|------------|-------|----------|----------|----------|------------|---------|-------|
| Aluminium  | 27-2  | 4163.72  | 4336.72  | 3969.71  | 4156.72    | 4.42    | ppb   |
| Antimony   | 121-1 | 0.40     | 0.39     | 0.40     | 0.40       | 1.13    | ppb   |
| Arsenic    | 75-2  | 59.18    | 60.92    | 58.01    | 59.37      | 2.46    | ppb   |
| Barium     | 135-1 | 1.60     | 1.49     | 1.61     | 1.56       | 4.20    | ppb   |
| Barium     | 137-1 | 1.58     | 1.57     | 1.59     | 1.58       | 0.83    | ppb   |
| Beryllium  | 9-1   | 1.35     | 1.30     | 1.45     | 1.37       | 5.70    | ppb   |
| Bismuth    | 209-1 |          |          |          |            |         | %     |
| Bismuth    | 209-2 |          |          |          |            |         | %     |
| Boron      | 10-1  | 3.49     | 3.63     | 3.72     | 3.61       | 3.28    | ppb   |
| Boron      | 11-1  | 3.66     | 3.77     | 3.42     | 3.62       | 4.87    | ppb   |
| Cadmium    | 111-1 | 24.21    | 25.04    | 23.88    | 24.38      | 2.45    | ppb   |
| Cadmium    | 106-1 | 20.71    | 19.72    | 20.56    | 20.33      | 2.62    | ppb   |
| Cadmium    | 108-1 | 22.58    | 22.27    | 24.62    | 23.16      | 5.52    | ppb   |
| Calcium    | 43-1  | 11475.85 | 11417.29 | 11611.95 | 11501.70   | 0.87    | ppb   |
| Calcium    | 44-1  | 11604.76 | 11503.32 | 11664.17 | 11590.75   | 0.70    | ppb   |
| Chromium   | 52-2  | 0.46     | 0.52     | 0.43     | 0.47       | 9.62    | ppb   |
| Cobalt     | 59-2  | 14.42    | 15.04    | 13.66    | 14.37      | 4.79    | ppb   |
| Copper     | 63-2  | 194.48   | 202.95   | 185.17   | 194.20     | 4.58    | ppb   |
| Dysprosium | 156-1 |          |          |          |            |         | cps   |
| Dysprosium | 156-2 |          |          |          |            |         | cps   |
| Erbium     | 164-1 |          |          |          |            |         | cps   |
| Erbium     | 164-2 |          |          |          |            |         | cps   |
| Gadolinium | 160-1 |          |          |          |            |         | cps   |
| Gadolinium | 160-2 |          |          |          |            |         | cps   |
| Holmium    | 165-1 |          |          |          |            |         | %     |
| Holmium    | 165-2 |          |          |          |            |         | %     |
| Indium     | 115-1 |          |          |          |            |         | %     |
| Indium     | 115-2 |          |          |          |            |         | %     |
| Iron       | 56-2  | 966.87   | 1004.77  | 925.25   | 965.63     | 4.12    | ppb   |
| Iron       | 57-2  | 969.00   | 994.69   | 935.09   | 966.26     | 3.09    | ppb   |
| Lead       | 206-1 | 14.20    | 13.82    | 14.05    | 14.03      | 1.34    | ppb   |
| Lead       | 207-1 | 13.30    | 12.94    | 13.13    | 13.12      | 1.35    | ppb   |
| Lead       | 208-1 | 13.78    | 13.49    | 13.67    | 13.65      | 1.04    | ppb   |
| Lithium    | 6-1   |          |          |          |            |         | %     |
| Magnesium  | 24-2  | 5049.91  | 5300.74  | 4801.46  | 5050.70    | 4.94    | ppb   |
| Manganese  | 55-2  | 7035.20  | 7294.51  | 6721.52  | 7017.08    | 4.09    | ppb   |



|                         |                     |                   |                     |
|-------------------------|---------------------|-------------------|---------------------|
| LB Number :             | LB88853             | Operator :        | Jaswal              |
| Lab Sample ID :         | I4255-03LDLX10      | Instrumnet Name : | P7                  |
| Client Sample ID :      | MH0CC4L             | Dilution Factor : | 10                  |
| Date & Time Acquired :: | 2017-07-19 15:46:23 | DataFile Name :   | 055SMPL_P7071917 -M |

| Parameter  | Mass  | ConRep1  | ConRep2  | ConRep3  | Avg. Conc. | ConcRSD | Units |
|------------|-------|----------|----------|----------|------------|---------|-------|
| Molybdenum | 94-1  | 0.07     | 0.07     | 0.06     | 0.07       | 9.35    | ppb   |
| Molybdenum | 95-1  | 0.07     | 0.07     | 0.06     | 0.07       | 9.45    | ppb   |
| Molybdenum | 96-1  | 0.01     | -0.01    | -0.01    | 0.00       |         | ppb   |
| Molybdenum | 97-1  | -0.03    | -0.01    | 0.00     | -0.01      |         | ppb   |
| Molybdenum | 98-1  | -0.03    | -0.03    | -0.04    | -0.03      |         | ppb   |
| Neodymium  | 150-1 |          |          |          |            |         | cps   |
| Neodymium  | 150-2 |          |          |          |            |         | cps   |
| Nickel     | 60-2  | 9.86     | 10.28    | 9.37     | 9.84       | 4.65    | ppb   |
| Phosphorus | 31-2  | -9.68    | 5.52     | -6.09    | -3.42      |         | ppb   |
| Potassium  | 39-2  | 547.14   | 574.64   | 514.20   | 545.33     | 5.55    | ppb   |
| Rhodium    | 103-1 |          |          |          |            |         | %     |
| Rhodium    | 103-2 |          |          |          |            |         | %     |
| Scandium   | 45-1  |          |          |          |            |         | %     |
| Scandium   | 45-2  |          |          |          |            |         | %     |
| Selenium   | 77-2  | 44.16    | 37.74    | 29.46    | 37.12      | 19.85   | ppb   |
| Selenium   | 78-2  | 4.50     | 4.34     | 4.91     | 4.59       | 6.44    | ppb   |
| Selenium   | 82-1  | 1.38     | 1.15     | 1.15     | 1.23       | 11.19   | ppb   |
| Silicon    | 28-1  | 938.57   | 935.16   | 941.24   | 938.32     | 0.32    | ppb   |
| Silver     | 109-1 | 0.11     | 0.13     | 0.12     | 0.12       | 6.74    | ppb   |
| Silver     | 107-1 | 0.13     | 0.13     | 0.14     | 0.13       | 5.65    | ppb   |
| Sodium     | 23-2  | 1526.65  | 1594.73  | 1457.32  | 1526.23    | 4.50    | ppb   |
| Strontium  | 86-1  | 30.09    | 29.97    | 29.70    | 29.92      | 0.67    | ppb   |
| Strontium  | 88-1  | 30.44    | 29.86    | 30.21    | 30.17      | 0.97    | ppb   |
| Sulfur     | 34-1  | 31595.38 | 31353.01 | 31520.71 | 31489.70   | 0.39    | ppb   |
| Terbium    | 159-1 |          |          |          |            |         | %     |
| Terbium    | 159-2 |          |          |          |            |         | %     |
| Thallium   | 203-1 | -0.03    | -0.03    | -0.03    | -0.03      |         | ppb   |
| Thallium   | 205-1 | -0.03    | -0.03    | -0.02    | -0.03      |         | ppb   |
| Tin        | 118-1 | 0.01     | 0.00     | 0.02     | 0.01       | 166.48  | ppb   |
| Titanium   | 47-1  | 0.09     | 0.11     | 0.13     | 0.11       | 16.56   | ppb   |
| Uranium    | 238-1 | 9.37     | 9.10     | 9.48     | 9.32       | 2.09    | ppb   |
| Vanadium   | 51-2  | -0.01    | -0.01    | -0.01    | -0.01      |         | ppb   |
| Yttrium    | 89-1  |          |          |          |            |         | %     |
| Yttrium    | 89-2  |          |          |          |            |         | %     |
| Zinc       | 66-2  | 3830.72  | 4012.49  | 3669.24  | 3837.48    | 4.47    | ppb   |
| Zirconium  | 90-1  | 0.13     | 0.11     | 0.12     | 0.12       | 7.89    | ppb   |

|                         |                     |                   |                     |
|-------------------------|---------------------|-------------------|---------------------|
| LB Number :             | LB88853             | Operator :        | Jaswal              |
| Lab Sample ID :         | I4255-03LDLX10      | Instrumnet Name : | P7                  |
| Client Sample ID :      | MH0CC4L             | Dilution Factor : | 10                  |
| Date & Time Acquired :: | 2017-07-19 15:46:23 | DataFile Name :   | 055SMPL_P7071917 -M |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|-----------|------|---------|---------|---------|------------|---------|-------|
| Zirconium | 91-1 | 0.13    | 0.13    | 0.13    | 0.13       | 3.62    | ppb   |

|                         |                     |                   |                     |
|-------------------------|---------------------|-------------------|---------------------|
| LB Number :             | LB88853             | Operator :        | Jaswal              |
| Lab Sample ID :         | I4255-05DLX2        | Instrumnet Name : | P7                  |
| Client Sample ID :      | MH0CC4S             | Dilution Factor : | 2                   |
| Date & Time Acquired :: | 2017-07-19 15:49:50 | DataFile Name :   | 056SMPL_P7071917 -M |

| Parameter  | Mass  | ConRep1  | ConRep2  | ConRep3  | Avg. Conc. | ConcRSD | Units |
|------------|-------|----------|----------|----------|------------|---------|-------|
| Aluminium  | 27-2  | 21094.80 | 20299.54 | 20775.09 | 20723.14   | 1.93    | ppb   |
| Antimony   | 121-1 | 52.53    | 52.28    | 53.08    | 52.63      | 0.78    | ppb   |
| Arsenic    | 75-2  | 187.63   | 184.69   | 189.28   | 187.20     | 1.24    | ppb   |
| Barium     | 135-1 | 1018.14  | 1024.54  | 1032.38  | 1025.02    | 0.70    | ppb   |
| Barium     | 137-1 | 1037.71  | 1040.67  | 1049.03  | 1042.47    | 0.56    | ppb   |
| Beryllium  | 9-1   | 33.53    | 33.44    | 33.67    | 33.55      | 0.35    | ppb   |
| Bismuth    | 209-1 |          |          |          |            |         | %     |
| Bismuth    | 209-2 |          |          |          |            |         | %     |
| Boron      | 10-1  | 7.70     | 8.40     | 8.55     | 8.22       | 5.47    | ppb   |
| Boron      | 11-1  | 7.50     | 8.31     | 7.12     | 7.64       | 7.96    | ppb   |
| Cadmium    | 111-1 | 142.76   | 142.24   | 145.45   | 143.48     | 1.20    | ppb   |
| Cadmium    | 106-1 | 130.04   | 132.82   | 136.54   | 133.14     | 2.45    | ppb   |
| Cadmium    | 108-1 | 135.91   | 137.70   | 142.22   | 138.61     | 2.35    | ppb   |
| Calcium    | 43-1  | 56922.51 | 56934.02 | 57469.19 | 57108.57   | 0.55    | ppb   |
| Calcium    | 44-1  | 57409.48 | 57347.98 | 57314.84 | 57357.43   | 0.08    | ppb   |
| Chromium   | 52-2  | 110.44   | 105.64   | 108.98   | 108.36     | 2.27    | ppb   |
| Cobalt     | 59-2  | 348.13   | 338.37   | 348.12   | 344.87     | 1.63    | ppb   |
| Copper     | 63-2  | 1072.10  | 1036.42  | 1072.11  | 1060.21    | 1.94    | ppb   |
| Dysprosium | 156-1 |          |          |          |            |         | cps   |
| Dysprosium | 156-2 |          |          |          |            |         | cps   |
| Erbium     | 164-1 |          |          |          |            |         | cps   |
| Erbium     | 164-2 |          |          |          |            |         | cps   |
| Gadolinium | 160-1 |          |          |          |            |         | cps   |
| Gadolinium | 160-2 |          |          |          |            |         | cps   |
| Holmium    | 165-1 |          |          |          |            |         | %     |
| Holmium    | 165-2 |          |          |          |            |         | %     |
| Indium     | 115-1 |          |          |          |            |         | %     |
| Indium     | 115-2 |          |          |          |            |         | %     |
| Iron       | 56-2  | 5259.74  | 5087.92  | 5224.81  | 5190.82    | 1.75    | ppb   |
| Iron       | 57-2  | 5182.86  | 5045.57  | 5189.15  | 5139.19    | 1.58    | ppb   |
| Lead       | 206-1 | 81.97    | 81.96    | 82.10    | 82.01      | 0.09    | ppb   |
| Lead       | 207-1 | 77.32    | 77.49    | 76.54    | 77.12      | 0.66    | ppb   |
| Lead       | 208-1 | 80.09    | 80.25    | 79.73    | 80.02      | 0.33    | ppb   |
| Lithium    | 6-1   |          |          |          |            |         | %     |
| Magnesium  | 24-2  | 24404.34 | 23620.61 | 24283.14 | 24102.70   | 1.75    | ppb   |
| Manganese  | 55-2  | 33824.39 | 32845.41 | 33546.31 | 33405.37   | 1.51    | ppb   |

|                         |                     |                   |                     |
|-------------------------|---------------------|-------------------|---------------------|
| LB Number :             | LB88853             | Operator :        | Jaswal              |
| Lab Sample ID :         | I4255-05DLX2        | Instrumnet Name : | P7                  |
| Client Sample ID :      | MH0CC4S             | Dilution Factor : | 2                   |
| Date & Time Acquired :: | 2017-07-19 15:49:50 | DataFile Name :   | 056SMPL_P7071917 -M |

| Parameter  | Mass  | ConRep1   | ConRep2   | ConRep3   | Avg. Conc. | ConcRSD | Units |
|------------|-------|-----------|-----------|-----------|------------|---------|-------|
| Molybdenum | 94-1  | 0.19      | 0.19      | 0.22      | 0.20       | 9.77    | ppb   |
| Molybdenum | 95-1  | 0.29      | 0.33      | 0.28      | 0.30       | 8.67    | ppb   |
| Molybdenum | 96-1  | 0.05      | 0.07      | 0.04      | 0.05       | 26.92   | ppb   |
| Molybdenum | 97-1  | -0.02     | -0.01     | -0.01     | -0.02      |         | ppb   |
| Molybdenum | 98-1  | -0.01     | -0.03     | -0.02     | -0.02      |         | ppb   |
| Neodymium  | 150-1 |           |           |           |            |         | cps   |
| Neodymium  | 150-2 |           |           |           |            |         | cps   |
| Nickel     | 60-2  | 329.53    | 319.49    | 325.80    | 324.94     | 1.56    | ppb   |
| Phosphorus | 31-2  | 17.23     | 3.04      | 24.75     | 15.01      | 73.44   | ppb   |
| Potassium  | 39-2  | 2616.28   | 2512.66   | 2596.38   | 2575.11    | 2.14    | ppb   |
| Rhodium    | 103-1 |           |           |           |            |         | %     |
| Rhodium    | 103-2 |           |           |           |            |         | %     |
| Scandium   | 45-1  |           |           |           |            |         | %     |
| Scandium   | 45-2  |           |           |           |            |         | %     |
| Selenium   | 77-2  | 135.02    | 125.28    | 128.95    | 129.75     | 3.79    | ppb   |
| Selenium   | 78-2  | 42.36     | 38.43     | 43.00     | 41.26      | 5.99    | ppb   |
| Selenium   | 82-1  | 31.00     | 30.59     | 30.74     | 30.77      | 0.68    | ppb   |
| Silicon    | 28-1  | 4626.23   | 4601.68   | 4636.92   | 4621.61    | 0.39    | ppb   |
| Silver     | 109-1 | 23.46     | 23.70     | 23.94     | 23.70      | 1.03    | ppb   |
| Silver     | 107-1 | 23.41     | 23.50     | 23.64     | 23.52      | 0.50    | ppb   |
| Sodium     | 23-2  | 7285.09   | 7026.89   | 7208.72   | 7173.56    | 1.85    | ppb   |
| Strontium  | 86-1  | 89.63     | 90.41     | 88.55     | 89.53      | 1.04    | ppb   |
| Strontium  | 88-1  | 91.47     | 91.00     | 91.84     | 91.43      | 0.46    | ppb   |
| Sulfur     | 34-1  | 142622.31 | 143158.40 | 143882.01 | 143220.91  | 0.44    | ppb   |
| Terbium    | 159-1 |           |           |           |            |         | %     |
| Terbium    | 159-2 |           |           |           |            |         | %     |
| Thallium   | 203-1 | 26.06     | 26.46     | 25.86     | 26.12      | 1.17    | ppb   |
| Thallium   | 205-1 | 26.41     | 26.40     | 26.34     | 26.39      | 0.15    | ppb   |
| Tin        | 118-1 | 1.27      | 1.25      | 1.32      | 1.28       | 2.86    | ppb   |
| Titanium   | 47-1  | 0.62      | 0.60      | 0.56      | 0.59       | 5.38    | ppb   |
| Uranium    | 238-1 | 47.81     | 48.37     | 47.90     | 48.03      | 0.62    | ppb   |
| Vanadium   | 51-2  | 268.49    | 259.98    | 266.30    | 264.92     | 1.67    | ppb   |
| Yttrium    | 89-1  |           |           |           |            |         | %     |
| Yttrium    | 89-2  |           |           |           |            |         | %     |
| Zinc       | 66-2  | 18932.01  | 18370.08  | 18870.20  | 18724.09   | 1.65    | ppb   |
| Zirconium  | 90-1  | 0.30      | 0.30      | 0.32      | 0.31       | 3.87    | ppb   |

|                         |                     |                   |                     |
|-------------------------|---------------------|-------------------|---------------------|
| LB Number :             | LB88853             | Operator :        | Jaswal              |
| Lab Sample ID :         | I4255-05DLX2        | Instrumnet Name : | P7                  |
| Client Sample ID :      | MH0CC4S             | Dilution Factor : | 2                   |
| Date & Time Acquired :: | 2017-07-19 15:49:50 | DataFile Name :   | 056SMPL_P7071917 -M |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|-----------|------|---------|---------|---------|------------|---------|-------|
| Zirconium | 91-1 | 0.36    | 0.37    | 0.40    | 0.38       | 5.46    | ppb   |

|                         |                     |                   |                     |
|-------------------------|---------------------|-------------------|---------------------|
| LB Number :             | LB88853             | Operator :        | Jaswal              |
| Lab Sample ID :         | I4255-06DLX2        | Instrumnet Name : | P7                  |
| Client Sample ID :      | MH0CC6              | Dilution Factor : | 2                   |
| Date & Time Acquired :: | 2017-07-19 15:53:16 | DataFile Name :   | 057SMPL_P7071917 -M |

| Parameter  | Mass  | ConRep1   | ConRep2   | ConRep3   | Avg. Conc. | ConcRSD | Units |
|------------|-------|-----------|-----------|-----------|------------|---------|-------|
| Aluminium  | 27-2  | 11623.46  | 11990.72  | 11843.58  | 11819.25   | 1.56    | ppb   |
| Antimony   | 121-1 | 1.12      | 1.15      | 1.20      | 1.16       | 3.45    | ppb   |
| Arsenic    | 75-2  | 654.59    | 666.27    | 654.31    | 658.39     | 1.04    | ppb   |
| Barium     | 135-1 | 2.29      | 2.42      | 2.28      | 2.33       | 3.56    | ppb   |
| Barium     | 137-1 | 2.44      | 2.36      | 2.41      | 2.40       | 1.66    | ppb   |
| Beryllium  | 9-1   | 7.16      | 6.77      | 7.40      | 7.11       | 4.47    | ppb   |
| Bismuth    | 209-1 |           |           |           |            |         | %     |
| Bismuth    | 209-2 |           |           |           |            |         | %     |
| Boron      | 10-1  | 32.28     | 30.97     | 35.28     | 32.84      | 6.73    | ppb   |
| Boron      | 11-1  | 33.37     | 32.75     | 35.92     | 34.01      | 4.95    | ppb   |
| Cadmium    | 111-1 | 435.38    | 427.00    | 446.73    | 436.37     | 2.27    | ppb   |
| Cadmium    | 106-1 | 404.54    | 393.80    | 407.83    | 402.06     | 1.82    | ppb   |
| Cadmium    | 108-1 | 423.24    | 407.57    | 437.05    | 422.62     | 3.49    | ppb   |
| Calcium    | 43-1  | 237952.10 | 239061.56 | 248234.88 | 241749.51  | 2.33    | ppb   |
| Calcium    | 44-1  | 235178.81 | 235548.57 | 246535.90 | 239087.76  | 2.70    | ppb   |
| Chromium   | 52-2  | 4.92      | 5.08      | 4.91      | 4.97       | 1.91    | ppb   |
| Cobalt     | 59-2  | 774.08    | 792.62    | 786.14    | 784.28     | 1.20    | ppb   |
| Copper     | 63-2  | 3177.83   | 3262.08   | 3217.82   | 3219.24    | 1.31    | ppb   |
| Dysprosium | 156-1 |           |           |           |            |         | cps   |
| Dysprosium | 156-2 |           |           |           |            |         | cps   |
| Erbium     | 164-1 |           |           |           |            |         | cps   |
| Erbium     | 164-2 |           |           |           |            |         | cps   |
| Gadolinium | 160-1 |           |           |           |            |         | cps   |
| Gadolinium | 160-2 |           |           |           |            |         | cps   |
| Holmium    | 165-1 |           |           |           |            |         | %     |
| Holmium    | 165-2 |           |           |           |            |         | %     |
| Indium     | 115-1 |           |           |           |            |         | %     |
| Indium     | 115-2 |           |           |           |            |         | %     |
| Iron       | 56-2  | 83769.52  | 84577.07  | 83084.55  | 83810.38   | 0.89    | ppb   |
| Iron       | 57-2  | 80477.23  | 82636.96  | 81827.78  | 81647.32   | 1.34    | ppb   |
| Lead       | 206-1 | 263.65    | 260.37    | 275.94    | 266.65     | 3.08    | ppb   |
| Lead       | 207-1 | 246.09    | 245.01    | 258.01    | 249.70     | 2.89    | ppb   |
| Lead       | 208-1 | 258.27    | 255.55    | 270.09    | 261.30     | 2.96    | ppb   |
| Lithium    | 6-1   |           |           |           |            |         | %     |
| Magnesium  | 24-2  | 93226.96  | 94667.75  | 93850.66  | 93915.12   | 0.77    | ppb   |
| Manganese  | 55-2  | 121844.80 | 124788.92 | 122636.82 | 123090.18  | 1.24    | ppb   |

|                         |                     |                   |                     |
|-------------------------|---------------------|-------------------|---------------------|
| LB Number :             | LB88853             | Operator :        | Jaswal              |
| Lab Sample ID :         | I4255-06DLX2        | Instrumnet Name : | P7                  |
| Client Sample ID :      | MH0CC6              | Dilution Factor : | 2                   |
| Date & Time Acquired :: | 2017-07-19 15:53:16 | DataFile Name :   | 057SMPL_P7071917 -M |

| Parameter  | Mass  | ConRep1   | ConRep2   | ConRep3   | Avg. Conc. | ConcRSD | Units |
|------------|-------|-----------|-----------|-----------|------------|---------|-------|
| Molybdenum | 94-1  | 0.21      | 0.21      | 0.22      | 0.21       | 2.51    | ppb   |
| Molybdenum | 95-1  | 0.94      | 0.99      | 1.06      | 1.00       | 5.99    | ppb   |
| Molybdenum | 96-1  | 0.27      | 0.26      | 0.27      | 0.26       | 2.68    | ppb   |
| Molybdenum | 97-1  | 0.03      | 0.02      | 0.02      | 0.02       | 30.81   | ppb   |
| Molybdenum | 98-1  | 0.00      | 0.00      | 0.00      | 0.00       | 379.15  | ppb   |
| Neodymium  | 150-1 |           |           |           |            |         | cps   |
| Neodymium  | 150-2 |           |           |           |            |         | cps   |
| Nickel     | 60-2  | 243.39    | 250.61    | 249.21    | 247.74     | 1.55    | ppb   |
| Phosphorus | 31-2  | 17.65     | 75.13     | 32.65     | 41.81      | 71.31   | ppb   |
| Potassium  | 39-2  | 7625.99   | 7771.83   | 7724.28   | 7707.36    | 0.97    | ppb   |
| Rhodium    | 103-1 |           |           |           |            |         | %     |
| Rhodium    | 103-2 |           |           |           |            |         | %     |
| Scandium   | 45-1  |           |           |           |            |         | %     |
| Scandium   | 45-2  |           |           |           |            |         | %     |
| Selenium   | 77-2  | 97.57     | 88.11     | 91.93     | 92.54      | 5.14    | ppb   |
| Selenium   | 78-2  | 14.01     | 14.38     | 14.88     | 14.42      | 3.03    | ppb   |
| Selenium   | 82-1  | 3.69      | 3.10      | 3.73      | 3.51       | 9.99    | ppb   |
| Silicon    | 28-1  | 5987.24   | 5986.01   | 6217.84   | 6063.70    | 2.20    | ppb   |
| Silver     | 109-1 | 0.43      | 0.40      | 0.44      | 0.42       | 4.47    | ppb   |
| Silver     | 107-1 | 0.47      | 0.52      | 0.56      | 0.52       | 8.21    | ppb   |
| Sodium     | 23-2  | 28632.14  | 29213.21  | 28754.53  | 28866.63   | 1.06    | ppb   |
| Strontium  | 86-1  | 382.64    | 381.31    | 388.21    | 384.05     | 0.95    | ppb   |
| Strontium  | 88-1  | 386.97    | 386.55    | 392.52    | 388.68     | 0.86    | ppb   |
| Sulfur     | 34-1  | 454846.22 | 456734.17 | 476104.56 | 462561.65  | 2.54    | ppb   |
| Terbium    | 159-1 |           |           |           |            |         | %     |
| Terbium    | 159-2 |           |           |           |            |         | %     |
| Thallium   | 203-1 | 0.22      | 0.20      | 0.25      | 0.23       | 11.08   | ppb   |
| Thallium   | 205-1 | 0.23      | 0.22      | 0.25      | 0.23       | 7.84    | ppb   |
| Tin        | 118-1 | 0.18      | 0.17      | 0.23      | 0.19       | 16.74   | ppb   |
| Titanium   | 47-1  | 1.33      | 1.32      | 1.44      | 1.36       | 4.90    | ppb   |
| Uranium    | 238-1 | 56.49     | 55.38     | 59.19     | 57.02      | 3.43    | ppb   |
| Vanadium   | 51-2  | 0.26      | 0.30      | 0.27      | 0.28       | 6.38    | ppb   |
| Yttrium    | 89-1  |           |           |           |            |         | %     |
| Yttrium    | 89-2  |           |           |           |            |         | %     |
| Zinc       | 66-2  | 95859.09  | 98026.28  | 97525.96  | 97137.11   | 1.17    | ppb   |
| Zirconium  | 90-1  | 0.29      | 0.28      | 0.29      | 0.29       | 2.05    | ppb   |

|                         |                     |                   |                     |
|-------------------------|---------------------|-------------------|---------------------|
| LB Number :             | LB88853             | Operator :        | Jaswal              |
| Lab Sample ID :         | I4255-06DLX2        | Instrumnet Name : | P7                  |
| Client Sample ID :      | MH0CC6              | Dilution Factor : | 2                   |
| Date & Time Acquired :: | 2017-07-19 15:53:16 | DataFile Name :   | 057SMPL_P7071917 -M |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|-----------|------|---------|---------|---------|------------|---------|-------|
| Zirconium | 91-1 | 0.43    | 0.43    | 0.43    | 0.43       | 0.55    | ppb   |



|                         |                     |                   |                     |
|-------------------------|---------------------|-------------------|---------------------|
| LB Number :             | LB88853             | Operator :        | Jaswal              |
| Lab Sample ID :         | I4256-01DLX2        | Instrumnet Name : | P7                  |
| Client Sample ID :      | MH0CC2              | Dilution Factor : | 2                   |
| Date & Time Acquired :: | 2017-07-19 15:56:41 | DataFile Name :   | 058SMPL_P7071917 -M |

| Parameter  | Mass  | ConRep1   | ConRep2   | ConRep3   | Avg. Conc. | ConcRSD | Units |
|------------|-------|-----------|-----------|-----------|------------|---------|-------|
| Aluminium  | 27-2  | 8271.32   | 8145.81   | 8258.68   | 8225.27    | 0.84    | ppb   |
| Antimony   | 121-1 | 0.33      | 0.33      | 0.35      | 0.34       | 3.62    | ppb   |
| Arsenic    | 75-2  | 32.12     | 31.71     | 32.86     | 32.23      | 1.82    | ppb   |
| Barium     | 135-1 | 6.36      | 6.18      | 6.10      | 6.21       | 2.12    | ppb   |
| Barium     | 137-1 | 6.40      | 6.34      | 6.30      | 6.35       | 0.82    | ppb   |
| Beryllium  | 9-1   | 5.69      | 5.86      | 6.05      | 5.87       | 3.14    | ppb   |
| Bismuth    | 209-1 |           |           |           |            |         | %     |
| Bismuth    | 209-2 |           |           |           |            |         | %     |
| Boron      | 10-1  | 16.38     | 16.65     | 17.09     | 16.71      | 2.15    | ppb   |
| Boron      | 11-1  | 17.55     | 17.14     | 17.14     | 17.28      | 1.37    | ppb   |
| Cadmium    | 111-1 | 254.73    | 254.90    | 252.59    | 254.07     | 0.51    | ppb   |
| Cadmium    | 106-1 | 242.56    | 235.68    | 233.37    | 237.20     | 2.01    | ppb   |
| Cadmium    | 108-1 | 248.39    | 248.39    | 247.99    | 248.26     | 0.09    | ppb   |
| Calcium    | 43-1  | 127269.92 | 127841.05 | 129993.34 | 128368.10  | 1.12    | ppb   |
| Calcium    | 44-1  | 126581.42 | 127714.82 | 130535.30 | 128277.18  | 1.59    | ppb   |
| Chromium   | 52-2  | 0.77      | 0.76      | 0.84      | 0.79       | 5.48    | ppb   |
| Cobalt     | 59-2  | 366.92    | 366.64    | 369.77    | 367.78     | 0.47    | ppb   |
| Copper     | 63-2  | 2347.37   | 2346.17   | 2365.59   | 2353.04    | 0.46    | ppb   |
| Dysprosium | 156-1 |           |           |           |            |         | cps   |
| Dysprosium | 156-2 |           |           |           |            |         | cps   |
| Erbium     | 164-1 |           |           |           |            |         | cps   |
| Erbium     | 164-2 |           |           |           |            |         | cps   |
| Gadolinium | 160-1 |           |           |           |            |         | cps   |
| Gadolinium | 160-2 |           |           |           |            |         | cps   |
| Holmium    | 165-1 |           |           |           |            |         | %     |
| Holmium    | 165-2 |           |           |           |            |         | %     |
| Indium     | 115-1 |           |           |           |            |         | %     |
| Indium     | 115-2 |           |           |           |            |         | %     |
| Iron       | 56-2  | 15068.32  | 14802.14  | 15058.00  | 14976.15   | 1.01    | ppb   |
| Iron       | 57-2  | 14640.97  | 14641.53  | 14762.42  | 14681.64   | 0.48    | ppb   |
| Lead       | 206-1 | 9.51      | 9.21      | 9.46      | 9.39       | 1.71    | ppb   |
| Lead       | 207-1 | 8.64      | 8.67      | 8.84      | 8.72       | 1.25    | ppb   |
| Lead       | 208-1 | 9.07      | 9.12      | 9.21      | 9.13       | 0.76    | ppb   |
| Lithium    | 6-1   |           |           |           |            |         | %     |
| Magnesium  | 24-2  | 49495.96  | 49197.68  | 49702.03  | 49465.22   | 0.51    | ppb   |
| Manganese  | 55-2  | 67463.04  | 66734.58  | 67067.13  | 67088.25   | 0.54    | ppb   |

|                         |                     |                   |                     |
|-------------------------|---------------------|-------------------|---------------------|
| LB Number :             | LB88853             | Operator :        | Jaswal              |
| Lab Sample ID :         | I4256-01DLX2        | Instrumnet Name : | P7                  |
| Client Sample ID :      | MH0CC2              | Dilution Factor : | 2                   |
| Date & Time Acquired :: | 2017-07-19 15:56:41 | DataFile Name :   | 058SMPL_P7071917 -M |

| Parameter  | Mass  | ConRep1   | ConRep2   | ConRep3   | Avg. Conc. | ConcRSD | Units |
|------------|-------|-----------|-----------|-----------|------------|---------|-------|
| Molybdenum | 94-1  | 0.03      | 0.02      | 0.01      | 0.02       | 39.10   | ppb   |
| Molybdenum | 95-1  | 0.66      | 0.57      | 0.64      | 0.63       | 7.18    | ppb   |
| Molybdenum | 96-1  | 0.03      | 0.03      | 0.02      | 0.03       | 14.81   | ppb   |
| Molybdenum | 97-1  | -0.02     | -0.03     | -0.02     | -0.03      |         | ppb   |
| Molybdenum | 98-1  | -0.04     | -0.04     | -0.03     | -0.04      |         | ppb   |
| Neodymium  | 150-1 |           |           |           |            |         | cps   |
| Neodymium  | 150-2 |           |           |           |            |         | cps   |
| Nickel     | 60-2  | 129.97    | 130.84    | 130.94    | 130.58     | 0.41    | ppb   |
| Phosphorus | 31-2  | -4.41     | 8.47      | 3.57      | 2.54       | 255.90  | ppb   |
| Potassium  | 39-2  | 4736.25   | 4684.87   | 4681.18   | 4700.77    | 0.65    | ppb   |
| Rhodium    | 103-1 |           |           |           |            |         | %     |
| Rhodium    | 103-2 |           |           |           |            |         | %     |
| Scandium   | 45-1  |           |           |           |            |         | %     |
| Scandium   | 45-2  |           |           |           |            |         | %     |
| Selenium   | 77-2  | 85.56     | 88.15     | 87.26     | 86.99      | 1.51    | ppb   |
| Selenium   | 78-2  | 14.58     | 12.50     | 13.32     | 13.46      | 7.79    | ppb   |
| Selenium   | 82-1  | 2.91      | 2.77      | 3.27      | 2.98       | 8.66    | ppb   |
| Silicon    | 28-1  | 3500.79   | 3511.58   | 3581.70   | 3531.36    | 1.24    | ppb   |
| Silver     | 109-1 | 0.13      | 0.14      | 0.17      | 0.15       | 13.32   | ppb   |
| Silver     | 107-1 | 0.19      | 0.21      | 0.18      | 0.19       | 8.53    | ppb   |
| Sodium     | 23-2  | 16732.27  | 16586.10  | 16648.14  | 16655.50   | 0.44    | ppb   |
| Strontium  | 86-1  | 226.26    | 225.95    | 226.05    | 226.09     | 0.07    | ppb   |
| Strontium  | 88-1  | 233.51    | 231.07    | 231.32    | 231.97     | 0.58    | ppb   |
| Sulfur     | 34-1  | 245052.06 | 248200.21 | 254455.22 | 249235.83  | 1.92    | ppb   |
| Terbium    | 159-1 |           |           |           |            |         | %     |
| Terbium    | 159-2 |           |           |           |            |         | %     |
| Thallium   | 203-1 | 0.10      | 0.09      | 0.10      | 0.10       | 5.99    | ppb   |
| Thallium   | 205-1 | 0.10      | 0.08      | 0.11      | 0.10       | 14.31   | ppb   |
| Tin        | 118-1 | -0.04     | -0.04     | -0.05     | -0.04      |         | ppb   |
| Titanium   | 47-1  | 0.24      | 0.30      | 0.36      | 0.30       | 20.58   | ppb   |
| Uranium    | 238-1 | 48.36     | 48.24     | 49.14     | 48.58      | 1.01    | ppb   |
| Vanadium   | 51-2  | 0.06      | 0.04      | 0.05      | 0.05       | 20.73   | ppb   |
| Yttrium    | 89-1  |           |           |           |            |         | %     |
| Yttrium    | 89-2  |           |           |           |            |         | %     |
| Zinc       | 66-2  | 55746.10  | 55427.66  | 55878.65  | 55684.14   | 0.42    | ppb   |
| Zirconium  | 90-1  | 0.04      | 0.04      | 0.04      | 0.04       | 9.32    | ppb   |

|                         |                     |                   |                     |
|-------------------------|---------------------|-------------------|---------------------|
| LB Number :             | LB88853             | Operator :        | Jaswal              |
| Lab Sample ID :         | I4256-01DLX2        | Instrumnet Name : | P7                  |
| Client Sample ID :      | MH0CC2              | Dilution Factor : | 2                   |
| Date & Time Acquired :: | 2017-07-19 15:56:41 | DataFile Name :   | 058SMPL_P7071917 -M |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|-----------|------|---------|---------|---------|------------|---------|-------|
| Zirconium | 91-1 | 0.05    | 0.05    | 0.05    | 0.05       | 3.22    | ppb   |

|                         |                     |                   |                     |
|-------------------------|---------------------|-------------------|---------------------|
| LB Number :             | LB88853             | Operator :        | Jaswal              |
| Lab Sample ID :         | I4256-02DLX2        | Instrumnet Name : | P7                  |
| Client Sample ID :      | MH0CC3              | Dilution Factor : | 2                   |
| Date & Time Acquired :: | 2017-07-19 16:00:07 | DataFile Name :   | 059SMPL_P7071917 -M |

| Parameter  | Mass  | ConRep1  | ConRep2  | ConRep3  | Avg. Conc. | ConcRSD | Units |
|------------|-------|----------|----------|----------|------------|---------|-------|
| Aluminium  | 27-2  | 20220.64 | 20079.89 | 19967.96 | 20089.49   | 0.63    | ppb   |
| Antimony   | 121-1 | 1.86     | 1.72     | 1.75     | 1.78       | 4.07    | ppb   |
| Arsenic    | 75-2  | 171.24   | 171.24   | 170.55   | 171.01     | 0.23    | ppb   |
| Barium     | 135-1 | 7.97     | 7.90     | 7.92     | 7.93       | 0.44    | ppb   |
| Barium     | 137-1 | 8.30     | 8.25     | 8.09     | 8.22       | 1.34    | ppb   |
| Beryllium  | 9-1   | 6.92     | 7.15     | 7.31     | 7.13       | 2.77    | ppb   |
| Bismuth    | 209-1 |          |          |          |            |         | %     |
| Bismuth    | 209-2 |          |          |          |            |         | %     |
| Boron      | 10-1  | 7.66     | 7.94     | 7.55     | 7.72       | 2.54    | ppb   |
| Boron      | 11-1  | 8.78     | 7.47     | 8.26     | 8.17       | 8.11    | ppb   |
| Cadmium    | 111-1 | 116.30   | 114.02   | 117.33   | 115.88     | 1.46    | ppb   |
| Cadmium    | 106-1 | 111.38   | 111.27   | 110.32   | 110.99     | 0.53    | ppb   |
| Cadmium    | 108-1 | 108.79   | 107.17   | 109.05   | 108.33     | 0.94    | ppb   |
| Calcium    | 43-1  | 56546.21 | 56685.64 | 58346.21 | 57192.69   | 1.75    | ppb   |
| Calcium    | 44-1  | 56510.93 | 57129.99 | 58349.28 | 57330.07   | 1.63    | ppb   |
| Chromium   | 52-2  | 2.61     | 2.48     | 2.57     | 2.55       | 2.68    | ppb   |
| Cobalt     | 59-2  | 70.99    | 70.03    | 70.87    | 70.63      | 0.74    | ppb   |
| Copper     | 63-2  | 942.40   | 939.67   | 936.17   | 939.41     | 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  | 4683.34  | 4619.15  | 4595.71  | 4632.73    | 0.98    | ppb   |
| Iron       | 57-2  | 4591.31  | 4558.43  | 4547.75  | 4565.83    | 0.50    | ppb   |
| Lead       | 206-1 | 68.19    | 68.19    | 70.65    | 69.01      | 2.06    | ppb   |
| Lead       | 207-1 | 63.71    | 64.12    | 65.97    | 64.60      | 1.86    | ppb   |
| Lead       | 208-1 | 66.42    | 66.55    | 68.81    | 67.26      | 2.00    | ppb   |
| Lithium    | 6-1   |          |          |          |            |         | %     |
| Magnesium  | 24-2  | 24519.10 | 24473.10 | 24404.45 | 24465.55   | 0.24    | ppb   |
| Manganese  | 55-2  | 34148.87 | 33849.79 | 33661.84 | 33886.83   | 0.72    | ppb   |

|                         |                     |                   |                     |
|-------------------------|---------------------|-------------------|---------------------|
| LB Number :             | LB88853             | Operator :        | Jaswal              |
| Lab Sample ID :         | I4256-02DLX2        | Instrumnet Name : | P7                  |
| Client Sample ID :      | MH0CC3              | Dilution Factor : | 2                   |
| Date & Time Acquired :: | 2017-07-19 16:00:07 | DataFile Name :   | 059SMPL_P7071917 -M |

| Parameter  | Mass  | ConRep1   | ConRep2   | ConRep3   | Avg. Conc. | ConcRSD | Units |
|------------|-------|-----------|-----------|-----------|------------|---------|-------|
| Molybdenum | 94-1  | 0.20      | 0.19      | 0.20      | 0.20       | 1.95    | ppb   |
| Molybdenum | 95-1  | 0.34      | 0.32      | 0.31      | 0.32       | 5.04    | ppb   |
| Molybdenum | 96-1  | 0.03      | 0.02      | 0.02      | 0.02       | 19.99   | ppb   |
| Molybdenum | 97-1  | -0.03     | -0.02     | -0.02     | -0.02      |         | ppb   |
| Molybdenum | 98-1  | -0.03     | -0.03     | -0.03     | -0.03      |         | ppb   |
| Neodymium  | 150-1 |           |           |           |            |         | cps   |
| Neodymium  | 150-2 |           |           |           |            |         | cps   |
| Nickel     | 60-2  | 48.02     | 48.83     | 48.48     | 48.44      | 0.84    | ppb   |
| Phosphorus | 31-2  | 27.06     | 50.22     | 24.10     | 33.79      | 42.32   | ppb   |
| Potassium  | 39-2  | 2613.76   | 2612.69   | 2609.35   | 2611.93    | 0.09    | ppb   |
| Rhodium    | 103-1 |           |           |           |            |         | %     |
| Rhodium    | 103-2 |           |           |           |            |         | %     |
| Scandium   | 45-1  |           |           |           |            |         | %     |
| Scandium   | 45-2  |           |           |           |            |         | %     |
| Selenium   | 77-2  | 99.14     | 101.84    | 113.04    | 104.67     | 7.04    | ppb   |
| Selenium   | 78-2  | 14.58     | 13.73     | 15.04     | 14.45      | 4.60    | ppb   |
| Selenium   | 82-1  | 3.54      | 3.66      | 3.62      | 3.61       | 1.70    | ppb   |
| Silicon    | 28-1  | 4535.41   | 4576.23   | 4682.18   | 4597.94    | 1.65    | ppb   |
| Silver     | 109-1 | 0.32      | 0.31      | 0.35      | 0.33       | 5.82    | ppb   |
| Silver     | 107-1 | 0.34      | 0.34      | 0.35      | 0.34       | 2.00    | ppb   |
| Sodium     | 23-2  | 7240.89   | 7286.43   | 7282.10   | 7269.81    | 0.35    | ppb   |
| Strontium  | 86-1  | 88.62     | 89.56     | 89.54     | 89.24      | 0.60    | ppb   |
| Strontium  | 88-1  | 90.50     | 91.31     | 92.18     | 91.33      | 0.92    | ppb   |
| Sulfur     | 34-1  | 140208.73 | 164451.51 | 167912.03 | 157524.09  | 9.58    | ppb   |
| Terbium    | 159-1 |           |           |           |            |         | %     |
| Terbium    | 159-2 |           |           |           |            |         | %     |
| Thallium   | 203-1 | 0.01      | 0.00      | 0.01      | 0.00       | 175.25  | ppb   |
| Thallium   | 205-1 | 0.01      | 0.02      | 0.02      | 0.02       | 22.14   | ppb   |
| Tin        | 118-1 | -0.01     | -0.03     | -0.02     | -0.02      |         | ppb   |
| Titanium   | 47-1  | 0.59      | 0.55      | 0.62      | 0.59       | 6.30    | ppb   |
| Uranium    | 238-1 | 47.61     | 47.39     | 49.42     | 48.14      | 2.32    | ppb   |
| Vanadium   | 51-2  | 0.03      | 0.01      | 0.01      | 0.02       | 44.61   | ppb   |
| Yttrium    | 89-1  |           |           |           |            |         | %     |
| Yttrium    | 89-2  |           |           |           |            |         | %     |
| Zinc       | 66-2  | 18841.96  | 18815.92  | 18791.65  | 18816.51   | 0.13    | ppb   |
| Zirconium  | 90-1  | 0.28      | 0.28      | 0.28      | 0.28       | 0.60    | ppb   |

|                         |                     |                   |                     |
|-------------------------|---------------------|-------------------|---------------------|
| LB Number :             | LB88853             | Operator :        | Jaswal              |
| Lab Sample ID :         | I4256-02DLX2        | Instrumnet Name : | P7                  |
| Client Sample ID :      | MH0CC3              | Dilution Factor : | 2                   |
| Date & Time Acquired :: | 2017-07-19 16:00:07 | DataFile Name :   | 059SMPL_P7071917 -M |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|-----------|------|---------|---------|---------|------------|---------|-------|
| Zirconium | 91-1 | 0.31    | 0.37    | 0.33    | 0.34       | 9.30    | ppb   |

|                         |                     |                   |                     |
|-------------------------|---------------------|-------------------|---------------------|
| LB Number :             | LB88853             | Operator :        | Jaswal              |
| Lab Sample ID :         | I4256-03DLX2        | Instrumnet Name : | P7                  |
| Client Sample ID :      | MH0CC3D             | Dilution Factor : | 2                   |
| Date & Time Acquired :: | 2017-07-19 16:03:34 | DataFile Name :   | 060SMPL_P7071917 -M |

| Parameter  | Mass  | ConRep1  | ConRep2  | ConRep3  | Avg. Conc. | ConcRSD | Units |
|------------|-------|----------|----------|----------|------------|---------|-------|
| Aluminium  | 27-2  | 19927.02 | 20115.95 | 20092.08 | 20045.02   | 0.51    | ppb   |
| Antimony   | 121-1 | 1.74     | 1.76     | 1.79     | 1.76       | 1.54    | ppb   |
| Arsenic    | 75-2  | 170.68   | 171.37   | 171.96   | 171.34     | 0.37    | ppb   |
| Barium     | 135-1 | 7.85     | 7.51     | 8.11     | 7.82       | 3.85    | ppb   |
| Barium     | 137-1 | 8.07     | 7.72     | 8.07     | 7.96       | 2.55    | ppb   |
| Beryllium  | 9-1   | 7.12     | 7.39     | 7.25     | 7.25       | 1.88    | ppb   |
| Bismuth    | 209-1 |          |          |          |            |         | %     |
| Bismuth    | 209-2 |          |          |          |            |         | %     |
| Boron      | 10-1  | 7.82     | 7.08     | 6.94     | 7.28       | 6.51    | ppb   |
| Boron      | 11-1  | 7.72     | 7.40     | 7.83     | 7.65       | 2.91    | ppb   |
| Cadmium    | 111-1 | 115.77   | 111.73   | 117.06   | 114.85     | 2.42    | ppb   |
| Cadmium    | 106-1 | 109.21   | 105.36   | 112.53   | 109.03     | 3.29    | ppb   |
| Cadmium    | 108-1 | 109.03   | 107.83   | 116.56   | 111.14     | 4.26    | ppb   |
| Calcium    | 43-1  | 55544.02 | 53429.27 | 57812.78 | 55595.35   | 3.94    | ppb   |
| Calcium    | 44-1  | 55630.87 | 53870.72 | 58474.70 | 55992.09   | 4.15    | ppb   |
| Chromium   | 52-2  | 2.47     | 2.60     | 2.53     | 2.53       | 2.56    | ppb   |
| Cobalt     | 59-2  | 69.26    | 70.82    | 71.04    | 70.37      | 1.38    | ppb   |
| Copper     | 63-2  | 922.51   | 938.34   | 936.98   | 932.61     | 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  | 4563.69  | 4612.31  | 4632.13  | 4602.71    | 0.77    | ppb   |
| Iron       | 57-2  | 4455.09  | 4555.48  | 4581.25  | 4530.61    | 1.47    | ppb   |
| Lead       | 206-1 | 68.25    | 66.29    | 69.95    | 68.17      | 2.68    | ppb   |
| Lead       | 207-1 | 63.70    | 61.53    | 65.03    | 63.42      | 2.79    | ppb   |
| Lead       | 208-1 | 66.64    | 64.03    | 67.85    | 66.17      | 2.95    | ppb   |
| Lithium    | 6-1   |          |          |          |            |         | %     |
| Magnesium  | 24-2  | 24079.15 | 24491.85 | 24350.71 | 24307.24   | 0.86    | ppb   |
| Manganese  | 55-2  | 33359.23 | 33822.79 | 33716.96 | 33632.99   | 0.72    | ppb   |

|                         |                     |                   |                     |
|-------------------------|---------------------|-------------------|---------------------|
| LB Number :             | LB88853             | Operator :        | Jaswal              |
| Lab Sample ID :         | I4256-03DLX2        | Instrumnet Name : | P7                  |
| Client Sample ID :      | MH0CC3D             | Dilution Factor : | 2                   |
| Date & Time Acquired :: | 2017-07-19 16:03:34 | DataFile Name :   | 060SMPL_P7071917 -M |

| Parameter  | Mass  | ConRep1   | ConRep2   | ConRep3   | Avg. Conc. | ConcRSD | Units |
|------------|-------|-----------|-----------|-----------|------------|---------|-------|
| Molybdenum | 94-1  | 0.18      | 0.19      | 0.19      | 0.19       | 4.07    | ppb   |
| Molybdenum | 95-1  | 0.30      | 0.31      | 0.25      | 0.29       | 11.26   | ppb   |
| Molybdenum | 96-1  | 0.03      | 0.03      | 0.04      | 0.03       | 12.70   | ppb   |
| Molybdenum | 97-1  | -0.03     | -0.02     | -0.02     | -0.02      |         | ppb   |
| Molybdenum | 98-1  | -0.03     | -0.03     | -0.04     | -0.03      |         | ppb   |
| Neodymium  | 150-1 |           |           |           |            |         | cps   |
| Neodymium  | 150-2 |           |           |           |            |         | cps   |
| Nickel     | 60-2  | 47.86     | 49.01     | 48.73     | 48.53      | 1.23    | ppb   |
| Phosphorus | 31-2  | -2.78     | 40.43     | 42.98     | 26.88      | 95.67   | ppb   |
| Potassium  | 39-2  | 2567.32   | 2589.06   | 2606.15   | 2587.51    | 0.75    | ppb   |
| Rhodium    | 103-1 |           |           |           |            |         | %     |
| Rhodium    | 103-2 |           |           |           |            |         | %     |
| Scandium   | 45-1  |           |           |           |            |         | %     |
| Scandium   | 45-2  |           |           |           |            |         | %     |
| Selenium   | 77-2  | 102.05    | 108.74    | 100.32    | 103.70     | 4.29    | ppb   |
| Selenium   | 78-2  | 17.96     | 13.59     | 14.27     | 15.27      | 15.40   | ppb   |
| Selenium   | 82-1  | 2.95      | 2.95      | 3.23      | 3.04       | 5.25    | ppb   |
| Silicon    | 28-1  | 4436.84   | 4296.46   | 4652.47   | 4461.92    | 4.02    | ppb   |
| Silver     | 109-1 | 0.29      | 0.29      | 0.30      | 0.29       | 1.70    | ppb   |
| Silver     | 107-1 | 0.31      | 0.33      | 0.37      | 0.34       | 9.77    | ppb   |
| Sodium     | 23-2  | 7142.47   | 7285.48   | 7283.44   | 7237.13    | 1.13    | ppb   |
| Strontium  | 86-1  | 88.23     | 86.94     | 89.25     | 88.14      | 1.32    | ppb   |
| Strontium  | 88-1  | 89.83     | 88.63     | 91.18     | 89.88      | 1.42    | ppb   |
| Sulfur     | 34-1  | 139050.12 | 133034.81 | 144233.56 | 138772.83  | 4.04    | ppb   |
| Terbium    | 159-1 |           |           |           |            |         | %     |
| Terbium    | 159-2 |           |           |           |            |         | %     |
| Thallium   | 203-1 | 0.01      | 0.01      | 0.01      | 0.01       | 6.42    | ppb   |
| Thallium   | 205-1 | 0.02      | 0.01      | 0.02      | 0.02       | 25.37   | ppb   |
| Tin        | 118-1 | -0.05     | -0.03     | -0.04     | -0.04      |         | ppb   |
| Titanium   | 47-1  | 0.59      | 0.61      | 0.57      | 0.59       | 3.05    | ppb   |
| Uranium    | 238-1 | 47.65     | 45.51     | 48.38     | 47.18      | 3.16    | ppb   |
| Vanadium   | 51-2  | 0.03      | 0.03      | 0.05      | 0.03       | 31.90   | ppb   |
| Yttrium    | 89-1  |           |           |           |            |         | %     |
| Yttrium    | 89-2  |           |           |           |            |         | %     |
| Zinc       | 66-2  | 18503.77  | 18854.00  | 18859.46  | 18739.08   | 1.09    | ppb   |
| Zirconium  | 90-1  | 0.29      | 0.29      | 0.28      | 0.28       | 0.59    | ppb   |



|                         |                     |                   |                     |
|-------------------------|---------------------|-------------------|---------------------|
| LB Number :             | LB88853             | Operator :        | Jaswal              |
| Lab Sample ID :         | I4256-03DLX2        | Instrumnet Name : | P7                  |
| Client Sample ID :      | MH0CC3D             | Dilution Factor : | 2                   |
| Date & Time Acquired :: | 2017-07-19 16:03:34 | DataFile Name :   | 060SMPL_P7071917 -M |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|-----------|------|---------|---------|---------|------------|---------|-------|
| Zirconium | 91-1 | 0.36    | 0.32    | 0.29    | 0.33       | 11.54   | ppb   |

|                         |                     |                   |                     |
|-------------------------|---------------------|-------------------|---------------------|
| LB Number :             | LB88853             | Operator :        | Jaswal              |
| Lab Sample ID :         | I4256-02LDLX10      | Instrumnet Name : | P7                  |
| Client Sample ID :      | MH0CC3L             | Dilution Factor : | 10                  |
| Date & Time Acquired :: | 2017-07-19 16:07:01 | DataFile Name :   | 061SMPL_P7071917 -M |

| Parameter  | Mass  | ConRep1  | ConRep2  | ConRep3  | Avg. Conc. | ConcRSD | Units |
|------------|-------|----------|----------|----------|------------|---------|-------|
| Aluminium  | 27-2  | 4024.20  | 3903.27  | 3885.92  | 3937.80    | 1.91    | ppb   |
| Antimony   | 121-1 | 0.36     | 0.34     | 0.38     | 0.36       | 5.26    | ppb   |
| Arsenic    | 75-2  | 55.36    | 55.91    | 56.12    | 55.80      | 0.70    | ppb   |
| Barium     | 135-1 | 1.46     | 1.51     | 1.52     | 1.49       | 2.26    | ppb   |
| Barium     | 137-1 | 1.61     | 1.49     | 1.69     | 1.60       | 6.39    | ppb   |
| Beryllium  | 9-1   | 1.30     | 1.35     | 1.36     | 1.33       | 2.52    | ppb   |
| Bismuth    | 209-1 |          |          |          |            |         | %     |
| Bismuth    | 209-2 |          |          |          |            |         | %     |
| Boron      | 10-1  | 3.78     | 2.13     | 3.60     | 3.17       | 28.47   | ppb   |
| Boron      | 11-1  | 2.90     | 2.98     | 2.51     | 2.80       | 8.95    | ppb   |
| Cadmium    | 111-1 | 23.54    | 22.74    | 23.85    | 23.38      | 2.44    | ppb   |
| Cadmium    | 106-1 | 19.74    | 18.79    | 22.10    | 20.21      | 8.44    | ppb   |
| Cadmium    | 108-1 | 22.19    | 21.97    | 22.62    | 22.26      | 1.48    | ppb   |
| Calcium    | 43-1  | 11170.60 | 11041.23 | 11415.41 | 11209.08   | 1.70    | ppb   |
| Calcium    | 44-1  | 11458.60 | 11093.79 | 11444.25 | 11332.21   | 1.82    | ppb   |
| Chromium   | 52-2  | 0.55     | 0.47     | 0.53     | 0.51       | 8.53    | ppb   |
| Cobalt     | 59-2  | 14.00    | 13.70    | 13.83    | 13.84      | 1.06    | ppb   |
| Copper     | 63-2  | 190.11   | 181.99   | 183.72   | 185.27     | 2.31    | 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  | 920.88   | 881.70   | 891.28   | 897.95     | 2.27    | ppb   |
| Iron       | 57-2  | 910.99   | 890.28   | 887.23   | 896.17     | 1.44    | ppb   |
| Lead       | 206-1 | 13.60    | 12.95    | 13.49    | 13.35      | 2.61    | ppb   |
| Lead       | 207-1 | 12.58    | 12.38    | 12.80    | 12.59      | 1.66    | ppb   |
| Lead       | 208-1 | 13.28    | 12.69    | 13.22    | 13.06      | 2.48    | ppb   |
| Lithium    | 6-1   |          |          |          |            |         | %     |
| Magnesium  | 24-2  | 4941.51  | 4657.72  | 4685.44  | 4761.56    | 3.29    | ppb   |
| Manganese  | 55-2  | 6892.21  | 6623.32  | 6633.16  | 6716.23    | 2.27    | ppb   |

|                         |                     |                   |                     |
|-------------------------|---------------------|-------------------|---------------------|
| LB Number :             | LB88853             | Operator :        | Jaswal              |
| Lab Sample ID :         | I4256-02LDLX10      | Instrumnet Name : | P7                  |
| Client Sample ID :      | MH0CC3L             | Dilution Factor : | 10                  |
| Date & Time Acquired :: | 2017-07-19 16:07:01 | DataFile Name :   | 061SMPL_P7071917 -M |

| Parameter  | Mass  | ConRep1  | ConRep2  | ConRep3  | Avg. Conc. | ConcRSD | Units |
|------------|-------|----------|----------|----------|------------|---------|-------|
| Molybdenum | 94-1  | 0.06     | 0.07     | 0.05     | 0.06       | 15.67   | ppb   |
| Molybdenum | 95-1  | 0.06     | 0.05     | 0.04     | 0.05       | 17.15   | ppb   |
| Molybdenum | 96-1  | -0.01    | 0.00     | 0.01     | 0.00       |         | ppb   |
| Molybdenum | 97-1  | -0.01    | -0.03    | 0.01     | -0.01      |         | ppb   |
| Molybdenum | 98-1  | -0.04    | -0.04    | -0.04    | -0.04      |         | ppb   |
| Neodymium  | 150-1 |          |          |          |            |         | cps   |
| Neodymium  | 150-2 |          |          |          |            |         | cps   |
| Nickel     | 60-2  | 9.68     | 9.30     | 9.61     | 9.53       | 2.11    | ppb   |
| Phosphorus | 31-2  | -16.51   | -3.85    | 12.79    | -2.52      |         | ppb   |
| Potassium  | 39-2  | 533.52   | 509.94   | 506.27   | 516.58     | 2.86    | ppb   |
| Rhodium    | 103-1 |          |          |          |            |         | %     |
| Rhodium    | 103-2 |          |          |          |            |         | %     |
| Scandium   | 45-1  |          |          |          |            |         | %     |
| Scandium   | 45-2  |          |          |          |            |         | %     |
| Selenium   | 77-2  | 29.82    | 41.37    | 41.28    | 37.49      | 17.72   | ppb   |
| Selenium   | 78-2  | 3.18     | 5.09     | 4.77     | 4.35       | 23.50   | ppb   |
| Selenium   | 82-1  | 1.86     | 0.98     | 1.34     | 1.40       | 31.66   | ppb   |
| Silicon    | 28-1  | 1087.81  | 1048.60  | 1095.44  | 1077.28    | 2.33    | ppb   |
| Silver     | 109-1 | 0.13     | 0.10     | 0.13     | 0.12       | 13.40   | ppb   |
| Silver     | 107-1 | 0.10     | 0.11     | 0.12     | 0.11       | 9.20    | ppb   |
| Sodium     | 23-2  | 1485.08  | 1418.20  | 1419.27  | 1440.85    | 2.66    | ppb   |
| Strontium  | 86-1  | 29.05    | 28.86    | 28.89    | 28.93      | 0.35    | ppb   |
| Strontium  | 88-1  | 29.70    | 29.11    | 29.43    | 29.41      | 1.01    | ppb   |
| Sulfur     | 34-1  | 31006.07 | 29905.08 | 31895.50 | 30935.55   | 3.22    | ppb   |
| Terbium    | 159-1 |          |          |          |            |         | %     |
| Terbium    | 159-2 |          |          |          |            |         | %     |
| Thallium   | 203-1 | -0.03    | -0.04    | -0.04    | -0.04      |         | ppb   |
| Thallium   | 205-1 | -0.03    | -0.03    | -0.03    | -0.03      |         | ppb   |
| Tin        | 118-1 | -0.03    | -0.05    | -0.01    | -0.03      |         | ppb   |
| Titanium   | 47-1  | 0.05     | 0.09     | 0.17     | 0.10       | 56.98   | ppb   |
| Uranium    | 238-1 | 9.18     | 8.93     | 9.23     | 9.12       | 1.77    | ppb   |
| Vanadium   | 51-2  | -0.02    | 0.00     | -0.02    | -0.01      |         | ppb   |
| Yttrium    | 89-1  |          |          |          |            |         | %     |
| Yttrium    | 89-2  |          |          |          |            |         | %     |
| Zinc       | 66-2  | 3759.50  | 3610.78  | 3627.61  | 3665.96    | 2.22    | ppb   |
| Zirconium  | 90-1  | 0.11     | 0.09     | 0.09     | 0.10       | 13.86   | ppb   |

|                         |                     |                   |                     |
|-------------------------|---------------------|-------------------|---------------------|
| LB Number :             | LB88853             | Operator :        | Jaswal              |
| Lab Sample ID :         | I4256-02LDLX10      | Instrumnet Name : | P7                  |
| Client Sample ID :      | MH0CC3L             | Dilution Factor : | 10                  |
| Date & Time Acquired :: | 2017-07-19 16:07:01 | DataFile Name :   | 061SMPL_P7071917 -M |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|-----------|------|---------|---------|---------|------------|---------|-------|
| Zirconium | 91-1 | 0.11    | 0.13    | 0.09    | 0.11       | 17.07   | ppb   |

|                         |                     |                   |                     |
|-------------------------|---------------------|-------------------|---------------------|
| LB Number :             | LB88853             | Operator :        | Jaswal              |
| Lab Sample ID :         | I4256-04DLX2        | Instrumnet Name : | P7                  |
| Client Sample ID :      | MH0CC3S             | Dilution Factor : | 2                   |
| Date & Time Acquired :: | 2017-07-19 16:10:29 | DataFile Name :   | 062SMPL_P7071917 -M |

| Parameter  | Mass  | ConRep1  | ConRep2  | ConRep3  | Avg. Conc. | ConcRSD | Units |
|------------|-------|----------|----------|----------|------------|---------|-------|
| Aluminium  | 27-2  | 21336.04 | 20709.63 | 21610.54 | 21218.74   | 2.18    | ppb   |
| Antimony   | 121-1 | 51.60    | 51.56    | 52.01    | 51.72      | 0.48    | ppb   |
| Arsenic    | 75-2  | 183.12   | 181.48   | 182.78   | 182.46     | 0.48    | ppb   |
| Barium     | 135-1 | 1018.60  | 1003.69  | 1012.61  | 1011.63    | 0.74    | ppb   |
| Barium     | 137-1 | 1032.79  | 1026.76  | 1036.15  | 1031.90    | 0.46    | ppb   |
| Beryllium  | 9-1   | 33.41    | 33.24    | 33.78    | 33.48      | 0.82    | ppb   |
| Bismuth    | 209-1 |          |          |          |            |         | %     |
| Bismuth    | 209-2 |          |          |          |            |         | %     |
| Boron      | 10-1  | 7.48     | 6.91     | 7.01     | 7.14       | 4.24    | ppb   |
| Boron      | 11-1  | 6.55     | 6.42     | 6.92     | 6.63       | 3.90    | ppb   |
| Cadmium    | 111-1 | 142.40   | 142.17   | 141.89   | 142.15     | 0.18    | ppb   |
| Cadmium    | 106-1 | 129.18   | 129.61   | 132.05   | 130.28     | 1.19    | ppb   |
| Cadmium    | 108-1 | 135.49   | 134.85   | 136.01   | 135.45     | 0.43    | ppb   |
| Calcium    | 43-1  | 56933.47 | 56442.50 | 57157.37 | 56844.45   | 0.64    | ppb   |
| Calcium    | 44-1  | 57238.60 | 56481.44 | 57144.21 | 56954.75   | 0.72    | ppb   |
| Chromium   | 52-2  | 112.96   | 109.91   | 113.97   | 112.28     | 1.88    | ppb   |
| Cobalt     | 59-2  | 359.71   | 347.87   | 360.99   | 356.19     | 2.03    | ppb   |
| Copper     | 63-2  | 1104.95  | 1068.21  | 1110.39  | 1094.52    | 2.10    | 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  | 5286.36  | 5153.89  | 5281.64  | 5240.63    | 1.43    | ppb   |
| Iron       | 57-2  | 5208.29  | 5124.31  | 5188.54  | 5173.72    | 0.85    | ppb   |
| Lead       | 206-1 | 80.19    | 80.12    | 79.56    | 79.96      | 0.43    | ppb   |
| Lead       | 207-1 | 75.06    | 74.42    | 74.73    | 74.74      | 0.43    | ppb   |
| Lead       | 208-1 | 78.18    | 77.78    | 77.58    | 77.85      | 0.39    | ppb   |
| Lithium    | 6-1   |          |          |          |            |         | %     |
| Magnesium  | 24-2  | 25016.13 | 24139.25 | 25072.51 | 24742.63   | 2.11    | ppb   |
| Manganese  | 55-2  | 34861.30 | 33707.31 | 34965.71 | 34511.44   | 2.02    | ppb   |

|                         |                     |                   |                     |
|-------------------------|---------------------|-------------------|---------------------|
| LB Number :             | LB88853             | Operator :        | Jaswal              |
| Lab Sample ID :         | I4256-04DLX2        | Instrumnet Name : | P7                  |
| Client Sample ID :      | MH0CC3S             | Dilution Factor : | 2                   |
| Date & Time Acquired :: | 2017-07-19 16:10:29 | DataFile Name :   | 062SMPL_P7071917 -M |

| Parameter  | Mass  | ConRep1   | ConRep2   | ConRep3   | Avg. Conc. | ConcRSD | Units |
|------------|-------|-----------|-----------|-----------|------------|---------|-------|
| Molybdenum | 94-1  | 0.21      | 0.20      | 0.19      | 0.20       | 3.62    | ppb   |
| Molybdenum | 95-1  | 0.29      | 0.28      | 0.31      | 0.30       | 4.99    | ppb   |
| Molybdenum | 96-1  | 0.04      | 0.04      | 0.06      | 0.04       | 25.74   | ppb   |
| Molybdenum | 97-1  | -0.03     | -0.03     | -0.02     | -0.02      |         | ppb   |
| Molybdenum | 98-1  | -0.03     | -0.02     | -0.02     | -0.02      |         | ppb   |
| Neodymium  | 150-1 |           |           |           |            |         | cps   |
| Neodymium  | 150-2 |           |           |           |            |         | cps   |
| Nickel     | 60-2  | 342.06    | 332.11    | 340.00    | 338.05     | 1.55    | ppb   |
| Phosphorus | 31-2  | 11.76     | 25.93     | 25.46     | 21.05      | 38.23   | ppb   |
| Potassium  | 39-2  | 2645.84   | 2558.70   | 2667.37   | 2623.97    | 2.19    | ppb   |
| Rhodium    | 103-1 |           |           |           |            |         | %     |
| Rhodium    | 103-2 |           |           |           |            |         | %     |
| Scandium   | 45-1  |           |           |           |            |         | %     |
| Scandium   | 45-2  |           |           |           |            |         | %     |
| Selenium   | 77-2  | 130.44    | 133.00    | 131.30    | 131.58     | 0.99    | ppb   |
| Selenium   | 78-2  | 39.84     | 40.19     | 44.63     | 41.55      | 6.43    | ppb   |
| Selenium   | 82-1  | 31.27     | 30.53     | 30.60     | 30.80      | 1.32    | ppb   |
| Silicon    | 28-1  | 4570.61   | 4536.23   | 4561.21   | 4556.02    | 0.39    | ppb   |
| Silver     | 109-1 | 23.64     | 22.95     | 23.24     | 23.28      | 1.50    | ppb   |
| Silver     | 107-1 | 23.37     | 22.85     | 22.78     | 23.00      | 1.40    | ppb   |
| Sodium     | 23-2  | 7426.53   | 7249.28   | 7460.54   | 7378.78    | 1.54    | ppb   |
| Strontium  | 86-1  | 90.04     | 89.10     | 89.11     | 89.42      | 0.60    | ppb   |
| Strontium  | 88-1  | 91.26     | 91.14     | 91.11     | 91.17      | 0.09    | ppb   |
| Sulfur     | 34-1  | 142150.87 | 141732.22 | 141930.62 | 141937.90  | 0.15    | ppb   |
| Terbium    | 159-1 |           |           |           |            |         | %     |
| Terbium    | 159-2 |           |           |           |            |         | %     |
| Thallium   | 203-1 | 26.13     | 25.63     | 25.95     | 25.90      | 0.98    | ppb   |
| Thallium   | 205-1 | 26.45     | 26.42     | 26.34     | 26.40      | 0.22    | ppb   |
| Tin        | 118-1 | -0.02     | -0.06     | -0.02     | -0.03      |         | ppb   |
| Titanium   | 47-1  | 0.59      | 0.66      | 0.60      | 0.62       | 6.53    | ppb   |
| Uranium    | 238-1 | 47.84     | 47.79     | 48.05     | 47.89      | 0.28    | ppb   |
| Vanadium   | 51-2  | 276.56    | 265.98    | 276.49    | 273.01     | 2.23    | ppb   |
| Yttrium    | 89-1  |           |           |           |            |         | %     |
| Yttrium    | 89-2  |           |           |           |            |         | %     |
| Zinc       | 66-2  | 19383.91  | 18815.21  | 19570.63  | 19256.58   | 2.04    | ppb   |
| Zirconium  | 90-1  | 0.27      | 0.28      | 0.29      | 0.28       | 3.52    | ppb   |

|                         |                     |                   |                     |
|-------------------------|---------------------|-------------------|---------------------|
| LB Number :             | LB88853             | Operator :        | Jaswal              |
| Lab Sample ID :         | I4256-04DLX2        | Instrumnet Name : | P7                  |
| Client Sample ID :      | MH0CC3S             | Dilution Factor : | 2                   |
| Date & Time Acquired :: | 2017-07-19 16:10:29 | DataFile Name :   | 062SMPL_P7071917 -M |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|-----------|------|---------|---------|---------|------------|---------|-------|
| Zirconium | 91-1 | 0.37    | 0.36    | 0.31    | 0.35       | 8.73    | ppb   |

|                         |                     |                   |                     |
|-------------------------|---------------------|-------------------|---------------------|
| LB Number :             | LB88853             | Operator :        | Jaswal              |
| Lab Sample ID :         | I4256-05DLX2        | Instrumnet Name : | P7                  |
| Client Sample ID :      | MH0CC5              | Dilution Factor : | 2                   |
| Date & Time Acquired :: | 2017-07-19 16:13:55 | DataFile Name :   | 063SMPL_P7071917 -M |

| Parameter  | Mass  | ConRep1   | ConRep2   | ConRep3   | Avg. Conc. | ConcRSD | Units |
|------------|-------|-----------|-----------|-----------|------------|---------|-------|
| Aluminium  | 27-2  | 10174.45  | 10064.34  | 10014.27  | 10084.35   | 0.81    | ppb   |
| Antimony   | 121-1 | 0.98      | 1.00      | 1.06      | 1.01       | 3.80    | ppb   |
| Arsenic    | 75-2  | 265.61    | 264.39    | 263.32    | 264.44     | 0.43    | ppb   |
| Barium     | 135-1 | 1.73      | 1.88      | 1.66      | 1.76       | 6.45    | ppb   |
| Barium     | 137-1 | 1.85      | 1.88      | 1.92      | 1.88       | 1.76    | ppb   |
| Beryllium  | 9-1   | 6.49      | 6.97      | 6.41      | 6.62       | 4.57    | ppb   |
| Bismuth    | 209-1 |           |           |           |            |         | %     |
| Bismuth    | 209-2 |           |           |           |            |         | %     |
| Boron      | 10-1  | 31.39     | 31.96     | 32.39     | 31.91      | 1.56    | ppb   |
| Boron      | 11-1  | 33.12     | 35.06     | 35.01     | 34.40      | 3.21    | ppb   |
| Cadmium    | 111-1 | 436.74    | 427.97    | 430.66    | 431.79     | 1.04    | ppb   |
| Cadmium    | 106-1 | 407.13    | 397.55    | 394.39    | 399.69     | 1.66    | ppb   |
| Cadmium    | 108-1 | 415.85    | 416.41    | 417.49    | 416.58     | 0.20    | ppb   |
| Calcium    | 43-1  | 241407.59 | 240603.01 | 240473.52 | 240828.04  | 0.21    | ppb   |
| Calcium    | 44-1  | 239023.89 | 239441.11 | 238358.71 | 238941.24  | 0.23    | ppb   |
| Chromium   | 52-2  | 2.39      | 2.35      | 2.48      | 2.41       | 2.82    | ppb   |
| Cobalt     | 59-2  | 794.23    | 789.99    | 788.86    | 791.03     | 0.36    | ppb   |
| Copper     | 63-2  | 3269.11   | 3237.90   | 3212.98   | 3239.99    | 0.87    | ppb   |
| Dysprosium | 156-1 |           |           |           |            |         | 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  | 81367.90  | 80368.30  | 79579.03  | 80438.41   | 1.11    | ppb   |
| Iron       | 57-2  | 78869.01  | 78638.74  | 78461.85  | 78656.53   | 0.26    | ppb   |
| Lead       | 206-1 | 1.72      | 1.66      | 1.71      | 1.69       | 1.93    | ppb   |
| Lead       | 207-1 | 1.55      | 1.51      | 1.55      | 1.54       | 1.35    | ppb   |
| Lead       | 208-1 | 1.66      | 1.61      | 1.63      | 1.63       | 1.44    | ppb   |
| Lithium    | 6-1   |           |           |           |            |         | %     |
| Magnesium  | 24-2  | 95038.49  | 94308.58  | 94120.21  | 94489.10   | 0.51    | ppb   |
| Manganese  | 55-2  | 125658.34 | 123830.13 | 122949.84 | 124146.10  | 1.11    | ppb   |



|                         |                     |                   |                     |
|-------------------------|---------------------|-------------------|---------------------|
| LB Number :             | LB88853             | Operator :        | Jaswal              |
| Lab Sample ID :         | I4256-05DLX2        | Instrumnet Name : | P7                  |
| Client Sample ID :      | MH0CC5              | Dilution Factor : | 2                   |
| Date & Time Acquired :: | 2017-07-19 16:13:55 | DataFile Name :   | 063SMPL_P7071917 -M |

| Parameter  | Mass  | ConRep1   | ConRep2   | ConRep3   | Avg. Conc. | ConcRSD | Units |
|------------|-------|-----------|-----------|-----------|------------|---------|-------|
| Molybdenum | 94-1  | 0.12      | 0.14      | 0.12      | 0.13       | 5.53    | ppb   |
| Molybdenum | 95-1  | 0.97      | 0.98      | 1.01      | 0.99       | 2.39    | ppb   |
| Molybdenum | 96-1  | 0.20      | 0.22      | 0.23      | 0.22       | 6.49    | ppb   |
| Molybdenum | 97-1  | -0.01     | 0.01      | -0.02     | 0.00       |         | ppb   |
| Molybdenum | 98-1  | -0.03     | -0.02     | -0.02     | -0.02      |         | ppb   |
| Neodymium  | 150-1 |           |           |           |            |         | cps   |
| Neodymium  | 150-2 |           |           |           |            |         | cps   |
| Nickel     | 60-2  | 249.44    | 249.75    | 246.46    | 248.55     | 0.73    | ppb   |
| Phosphorus | 31-2  | 11.64     | 8.48      | -14.15    | 1.99       | 706.57  | ppb   |
| Potassium  | 39-2  | 7776.53   | 7725.14   | 7675.50   | 7725.72    | 0.65    | ppb   |
| Rhodium    | 103-1 |           |           |           |            |         | %     |
| Rhodium    | 103-2 |           |           |           |            |         | %     |
| Scandium   | 45-1  |           |           |           |            |         | %     |
| Scandium   | 45-2  |           |           |           |            |         | %     |
| Selenium   | 77-2  | 82.46     | 84.43     | 74.34     | 80.41      | 6.65    | ppb   |
| Selenium   | 78-2  | 11.71     | 13.64     | 11.65     | 12.33      | 9.16    | ppb   |
| Selenium   | 82-1  | 3.53      | 3.92      | 3.86      | 3.77       | 5.70    | ppb   |
| Silicon    | 28-1  | 5930.57   | 5949.28   | 5935.01   | 5938.28    | 0.16    | ppb   |
| Silver     | 109-1 | 0.29      | 0.32      | 0.34      | 0.32       | 8.04    | ppb   |
| Silver     | 107-1 | 0.40      | 0.42      | 0.39      | 0.40       | 4.56    | ppb   |
| Sodium     | 23-2  | 29318.77  | 28838.97  | 28953.23  | 29036.99   | 0.86    | ppb   |
| Strontium  | 86-1  | 378.28    | 381.07    | 381.75    | 380.37     | 0.48    | ppb   |
| Strontium  | 88-1  | 388.06    | 385.74    | 391.17    | 388.32     | 0.70    | ppb   |
| Sulfur     | 34-1  | 459498.83 | 462261.35 | 457295.97 | 459685.38  | 0.54    | ppb   |
| Terbium    | 159-1 |           |           |           |            |         | %     |
| Terbium    | 159-2 |           |           |           |            |         | %     |
| Thallium   | 203-1 | 0.25      | 0.24      | 0.24      | 0.24       | 4.03    | ppb   |
| Thallium   | 205-1 | 0.24      | 0.23      | 0.24      | 0.24       | 2.33    | ppb   |
| Tin        | 118-1 | -0.03     | -0.03     | -0.02     | -0.03      |         | ppb   |
| Titanium   | 47-1  | 0.61      | 0.59      | 0.43      | 0.54       | 18.30   | ppb   |
| Uranium    | 238-1 | 52.67     | 52.93     | 52.67     | 52.76      | 0.29    | ppb   |
| Vanadium   | 51-2  | 0.17      | 0.14      | 0.13      | 0.15       | 16.41   | ppb   |
| Yttrium    | 89-1  |           |           |           |            |         | %     |
| Yttrium    | 89-2  |           |           |           |            |         | %     |
| Zinc       | 66-2  | 99316.82  | 97770.29  | 97156.32  | 98081.14   | 1.14    | ppb   |
| Zirconium  | 90-1  | 0.18      | 0.18      | 0.16      | 0.18       | 6.16    | ppb   |

|                         |                     |                   |                     |
|-------------------------|---------------------|-------------------|---------------------|
| LB Number :             | LB88853             | Operator :        | Jaswal              |
| Lab Sample ID :         | I4256-05DLX2        | Instrumnet Name : | P7                  |
| Client Sample ID :      | MH0CC5              | Dilution Factor : | 2                   |
| Date & Time Acquired :: | 2017-07-19 16:13:55 | DataFile Name :   | 063SMPL_P7071917 -M |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|-----------|------|---------|---------|---------|------------|---------|-------|
| Zirconium | 91-1 | 0.26    | 0.24    | 0.25    | 0.25       | 4.72    | ppb   |

|                         |                     |                   |                     |
|-------------------------|---------------------|-------------------|---------------------|
| LB Number :             | LB88853             | Operator :        | Jaswal              |
| Lab Sample ID :         | I4256-01DL3X500     | Instrumnet Name : | P7                  |
| Client Sample ID :      | MH0CC2              | Dilution Factor : | 500                 |
| Date & Time Acquired :: | 2017-07-19 16:17:19 | DataFile Name :   | 064SMPL_P7071917 -M |

| Parameter  | Mass  | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|------------|-------|---------|---------|---------|------------|---------|-------|
| Aluminium  | 27-2  | 35.39   | 34.99   | 31.47   | 33.95      | 6.34    | ppb   |
| Antimony   | 121-1 | 0.02    | 0.01    | 0.01    | 0.02       | 37.30   | ppb   |
| Arsenic    | 75-2  | 0.40    | 0.58    | 0.63    | 0.54       | 22.62   | ppb   |
| Barium     | 135-1 | -0.07   | -0.08   | -0.07   | -0.07      |         | ppb   |
| Barium     | 137-1 | -0.04   | -0.03   | -0.03   | -0.03      |         | ppb   |
| Beryllium  | 9-1   | -0.02   | 0.01    | 0.02    | 0.01       | 295.30  | ppb   |
| Bismuth    | 209-1 |         |         |         |            |         | %     |
| Bismuth    | 209-2 |         |         |         |            |         | %     |
| Boron      | 10-1  | 3.67    | 3.00    | 3.14    | 3.27       | 10.87   | ppb   |
| Boron      | 11-1  | 2.52    | 2.89    | 2.73    | 2.71       | 6.76    | ppb   |
| Cadmium    | 111-1 | 0.80    | 0.89    | 1.02    | 0.90       | 11.86   | ppb   |
| Cadmium    | 106-1 | -2.18   | 0.37    | 0.63    | -0.39      |         | ppb   |
| Cadmium    | 108-1 | 1.11    | 1.18    | 1.27    | 1.19       | 6.84    | ppb   |
| Calcium    | 43-1  | 535.25  | 499.80  | 537.73  | 524.26     | 4.05    | ppb   |
| Calcium    | 44-1  | 526.51  | 479.32  | 507.10  | 504.31     | 4.70    | ppb   |
| Chromium   | 52-2  | -0.01   | 0.03    | -0.01   | 0.00       | 647.43  | ppb   |
| Cobalt     | 59-2  | 1.48    | 1.45    | 1.46    | 1.46       | 0.92    | ppb   |
| Copper     | 63-2  | 9.92    | 10.08   | 9.59    | 9.86       | 2.52    | 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  | 66.09   | 67.37   | 64.74   | 66.07      | 1.99    | ppb   |
| Iron       | 57-2  | 68.61   | 68.45   | 71.15   | 69.40      | 2.18    | ppb   |
| Lead       | 206-1 | -0.05   | -0.05   | -0.06   | -0.05      |         | ppb   |
| Lead       | 207-1 | -0.02   | -0.07   | -0.05   | -0.04      |         | ppb   |
| Lead       | 208-1 | -0.04   | -0.05   | -0.05   | -0.05      |         | ppb   |
| Lithium    | 6-1   |         |         |         |            |         | %     |
| Magnesium  | 24-2  | 194.37  | 195.07  | 202.23  | 197.22     | 2.20    | ppb   |
| Manganese  | 55-2  | 279.14  | 280.72  | 275.50  | 278.45     | 0.96    | ppb   |

|                         |                     |                   |                     |
|-------------------------|---------------------|-------------------|---------------------|
| LB Number :             | LB88853             | Operator :        | Jaswal              |
| Lab Sample ID :         | I4256-01DL3X500     | Instrumnet Name : | P7                  |
| Client Sample ID :      | MH0CC2              | Dilution Factor : | 500                 |
| Date & Time Acquired :: | 2017-07-19 16:17:19 | DataFile Name :   | 064SMPL_P7071917 -M |

| Parameter  | Mass  | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|------------|-------|---------|---------|---------|------------|---------|-------|
| Molybdenum | 94-1  | -0.01   | -0.01   | -0.01   | -0.01      |         | ppb   |
| Molybdenum | 95-1  | -0.05   | -0.05   | -0.05   | -0.05      |         | ppb   |
| Molybdenum | 96-1  | -0.03   | -0.04   | -0.02   | -0.03      |         | ppb   |
| Molybdenum | 97-1  | -0.02   | -0.01   | -0.02   | -0.02      |         | ppb   |
| Molybdenum | 98-1  | -0.04   | -0.04   | -0.04   | -0.04      |         | ppb   |
| Neodymium  | 150-1 |         |         |         |            |         | cps   |
| Neodymium  | 150-2 |         |         |         |            |         | cps   |
| Nickel     | 60-2  | 0.25    | 0.38    | 0.37    | 0.33       | 22.09   | ppb   |
| Phosphorus | 31-2  | -2.73   | -14.92  | -0.77   | -6.14      |         | ppb   |
| Potassium  | 39-2  | 53.96   | 48.04   | 42.97   | 48.32      | 11.39   | ppb   |
| Rhodium    | 103-1 |         |         |         |            |         | %     |
| Rhodium    | 103-2 |         |         |         |            |         | %     |
| Scandium   | 45-1  |         |         |         |            |         | %     |
| Scandium   | 45-2  |         |         |         |            |         | %     |
| Selenium   | 77-2  | 0.76    | 1.51    | 0.00    | 0.76       | 99.72   | ppb   |
| Selenium   | 78-2  | -1.24   | -0.77   | -0.22   | -0.74      |         | ppb   |
| Selenium   | 82-1  | 0.43    | -0.26   | 0.73    | 0.30       | 168.87  | ppb   |
| Silicon    | 28-1  | 19.15   | 13.89   | 19.13   | 17.39      | 17.42   | ppb   |
| Silver     | 109-1 | 0.06    | 0.06    | 0.04    | 0.05       | 19.07   | ppb   |
| Silver     | 107-1 | 0.05    | 0.04    | 0.05    | 0.05       | 11.48   | ppb   |
| Sodium     | 23-2  | 107.26  | 106.79  | 101.10  | 105.05     | 3.26    | ppb   |
| Strontium  | 86-1  | 2.06    | 1.76    | 1.97    | 1.93       | 7.96    | ppb   |
| Strontium  | 88-1  | 1.98    | 1.79    | 1.91    | 1.89       | 5.04    | ppb   |
| Sulfur     | 34-1  | 845.43  | 280.21  | 734.13  | 619.92     | 48.30   | ppb   |
| Terbium    | 159-1 |         |         |         |            |         | %     |
| Terbium    | 159-2 |         |         |         |            |         | %     |
| Thallium   | 203-1 | -0.04   | -0.05   | -0.04   | -0.04      |         | ppb   |
| Thallium   | 205-1 | -0.04   | -0.04   | -0.04   | -0.04      |         | ppb   |
| Tin        | 118-1 | 0.00    | -0.02   | -0.01   | -0.01      |         | ppb   |
| Titanium   | 47-1  | -0.06   | 0.02    | 0.00    | -0.01      |         | ppb   |
| Uranium    | 238-1 | 0.12    | 0.11    | 0.12    | 0.12       | 7.87    | ppb   |
| Vanadium   | 51-2  | -0.02   | -0.02   | -0.02   | -0.02      |         | ppb   |
| Yttrium    | 89-1  |         |         |         |            |         | %     |
| Yttrium    | 89-2  |         |         |         |            |         | %     |
| Zinc       | 66-2  | 231.85  | 234.63  | 227.12  | 231.20     | 1.64    | ppb   |
| Zirconium  | 90-1  | -0.01   | -0.01   | 0.00    | -0.01      |         | ppb   |

|                         |                     |                   |                     |
|-------------------------|---------------------|-------------------|---------------------|
| LB Number :             | LB88853             | Operator :        | Jaswal              |
| Lab Sample ID :         | I4256-01DL3X500     | Instrumnet Name : | P7                  |
| Client Sample ID :      | MH0CC2              | Dilution Factor : | 500                 |
| Date & Time Acquired :: | 2017-07-19 16:17:19 | DataFile Name :   | 064SMPL_P7071917 -M |

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

|                         |                     |                   |                     |
|-------------------------|---------------------|-------------------|---------------------|
| LB Number :             | LB88853             | Operator :        | Jaswal              |
| Lab Sample ID :         | I4256-02DL3X500     | Instrumnet Name : | P7                  |
| Client Sample ID :      | MH0CC3              | Dilution Factor : | 500                 |
| Date & Time Acquired :: | 2017-07-19 16:20:48 | DataFile Name :   | 065SMPL_P7071917 -M |

| Parameter  | Mass  | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|------------|-------|---------|---------|---------|------------|---------|-------|
| Aluminium  | 27-2  | 79.75   | 88.13   | 82.76   | 83.55      | 5.09    | ppb   |
| Antimony   | 121-1 | 0.02    | 0.02    | 0.02    | 0.02       | 9.03    | ppb   |
| Arsenic    | 75-2  | 1.42    | 1.25    | 1.58    | 1.42       | 11.47   | ppb   |
| Barium     | 135-1 | -0.07   | -0.04   | -0.10   | -0.07      |         | ppb   |
| Barium     | 137-1 | -0.02   | -0.03   | -0.04   | -0.03      |         | ppb   |
| Beryllium  | 9-1   | -0.01   | -0.03   | 0.00    | -0.01      |         | ppb   |
| Bismuth    | 209-1 |         |         |         |            |         | %     |
| Bismuth    | 209-2 |         |         |         |            |         | %     |
| Boron      | 10-1  | 1.26    | 1.55    | 0.87    | 1.22       | 27.81   | ppb   |
| Boron      | 11-1  | 1.62    | 1.55    | 1.07    | 1.41       | 21.28   | ppb   |
| Cadmium    | 111-1 | 0.26    | 0.25    | 0.09    | 0.20       | 47.45   | ppb   |
| Cadmium    | 106-1 | -1.39   | -2.48   | -3.42   | -2.43      |         | ppb   |
| Cadmium    | 108-1 | 0.44    | 0.48    | 0.48    | 0.47       | 5.95    | ppb   |
| Calcium    | 43-1  | 236.27  | 237.83  | 208.26  | 227.45     | 7.32    | ppb   |
| Calcium    | 44-1  | 231.81  | 229.92  | 218.49  | 226.74     | 3.18    | ppb   |
| Chromium   | 52-2  | -0.02   | -0.01   | 0.01    | -0.01      |         | ppb   |
| Cobalt     | 59-2  | 0.23    | 0.28    | 0.24    | 0.25       | 11.34   | ppb   |
| Copper     | 63-2  | 3.59    | 3.89    | 3.69    | 3.73       | 4.07    | 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  | 20.48   | 21.47   | 21.84   | 21.26      | 3.32    | ppb   |
| Iron       | 57-2  | 20.15   | 23.75   | 25.54   | 23.14      | 11.86   | ppb   |
| Lead       | 206-1 | 0.20    | 0.18    | 0.15    | 0.18       | 12.04   | ppb   |
| Lead       | 207-1 | 0.16    | 0.20    | 0.17    | 0.18       | 9.87    | ppb   |
| Lead       | 208-1 | 0.20    | 0.19    | 0.19    | 0.19       | 2.27    | ppb   |
| Lithium    | 6-1   |         |         |         |            |         | %     |
| Magnesium  | 24-2  | 88.01   | 94.26   | 90.87   | 91.05      | 3.44    | ppb   |
| Manganese  | 55-2  | 132.30  | 138.10  | 139.77  | 136.72     | 2.87    | ppb   |

|                         |                     |                   |                     |
|-------------------------|---------------------|-------------------|---------------------|
| LB Number :             | LB88853             | Operator :        | Jaswal              |
| Lab Sample ID :         | I4256-02DL3X500     | Instrumnet Name : | P7                  |
| Client Sample ID :      | MH0CC3              | Dilution Factor : | 500                 |
| Date & Time Acquired :: | 2017-07-19 16:20:48 | DataFile Name :   | 065SMPL_P7071917 -M |

| Parameter  | Mass  | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|------------|-------|---------|---------|---------|------------|---------|-------|
| Molybdenum | 94-1  | -0.01   | 0.00    | 0.00    | 0.00       |         | ppb   |
| Molybdenum | 95-1  | -0.04   | -0.05   | -0.05   | -0.05      |         | ppb   |
| Molybdenum | 96-1  | -0.02   | -0.03   | -0.03   | -0.02      |         | ppb   |
| Molybdenum | 97-1  | -0.03   | -0.03   | -0.01   | -0.02      |         | ppb   |
| Molybdenum | 98-1  | -0.04   | -0.04   | -0.04   | -0.04      |         | ppb   |
| Neodymium  | 150-1 |         |         |         |            |         | cps   |
| Neodymium  | 150-2 |         |         |         |            |         | cps   |
| Nickel     | 60-2  | 0.06    | -0.02   | 0.07    | 0.04       | 130.76  | ppb   |
| Phosphorus | 31-2  | -17.16  | -1.69   | 1.47    | -5.79      |         | ppb   |
| Potassium  | 39-2  | 14.21   | 26.32   | 21.86   | 20.80      | 29.46   | ppb   |
| Rhodium    | 103-1 |         |         |         |            |         | %     |
| Rhodium    | 103-2 |         |         |         |            |         | %     |
| Scandium   | 45-1  |         |         |         |            |         | %     |
| Scandium   | 45-2  |         |         |         |            |         | %     |
| Selenium   | 77-2  | 0.00    | 1.44    | 0.00    | 0.48       | 173.21  | ppb   |
| Selenium   | 78-2  | -0.85   | -0.69   | -0.16   | -0.57      |         | ppb   |
| Selenium   | 82-1  | -0.08   | 0.87    | 0.21    | 0.33       | 146.05  | ppb   |
| Silicon    | 28-1  | 23.44   | 20.71   | 19.47   | 21.20      | 9.56    | ppb   |
| Silver     | 109-1 | 0.02    | 0.03    | 0.03    | 0.03       | 11.88   | ppb   |
| Silver     | 107-1 | 0.04    | 0.03    | 0.02    | 0.03       | 21.83   | ppb   |
| Sodium     | 23-2  | 55.29   | 59.07   | 55.62   | 56.66      | 3.70    | ppb   |
| Strontium  | 86-1  | 0.80    | 0.67    | 0.82    | 0.76       | 10.90   | ppb   |
| Strontium  | 88-1  | 0.72    | 0.71    | 0.67    | 0.70       | 3.52    | ppb   |
| Sulfur     | 34-1  | 471.81  | 210.62  | 73.97   | 252.14     | 80.17   | ppb   |
| Terbium    | 159-1 |         |         |         |            |         | %     |
| Terbium    | 159-2 |         |         |         |            |         | %     |
| Thallium   | 203-1 | -0.04   | -0.04   | -0.04   | -0.04      |         | ppb   |
| Thallium   | 205-1 | -0.03   | -0.03   | -0.03   | -0.03      |         | ppb   |
| Tin        | 118-1 | -0.01   | -0.01   | 0.00    | -0.01      |         | ppb   |
| Titanium   | 47-1  | 0.02    | 0.03    | 0.05    | 0.03       | 49.82   | ppb   |
| Uranium    | 238-1 | 0.13    | 0.11    | 0.12    | 0.12       | 8.72    | ppb   |
| Vanadium   | 51-2  | -0.02   | -0.03   | -0.03   | -0.03      |         | ppb   |
| Yttrium    | 89-1  |         |         |         |            |         | %     |
| Yttrium    | 89-2  |         |         |         |            |         | %     |
| Zinc       | 66-2  | 72.75   | 78.39   | 77.09   | 76.08      | 3.88    | ppb   |
| Zirconium  | 90-1  | -0.01   | 0.00    | -0.01   | -0.01      |         | ppb   |

|                         |                     |                   |                     |
|-------------------------|---------------------|-------------------|---------------------|
| LB Number :             | LB88853             | Operator :        | Jaswal              |
| Lab Sample ID :         | I4256-02DL3X500     | Instrumnet Name : | P7                  |
| Client Sample ID :      | MH0CC3              | Dilution Factor : | 500                 |
| Date & Time Acquired :: | 2017-07-19 16:20:48 | DataFile Name :   | 065SMPL_P7071917 -M |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|-----------|------|---------|---------|---------|------------|---------|-------|
| Zirconium | 91-1 | 0.00    | 0.01    | 0.01    | 0.01       | 161.94  | ppb   |



|                         |                     |                   |                     |
|-------------------------|---------------------|-------------------|---------------------|
| LB Number :             | LB88853             | Operator :        | Jaswal              |
| Lab Sample ID :         | I4256-03DL3X500     | Instrumnet Name : | P7                  |
| Client Sample ID :      | MH0CC3D             | Dilution Factor : | 500                 |
| Date & Time Acquired :: | 2017-07-19 16:24:16 | DataFile Name :   | 066SMPL_P7071917 -M |

| Parameter  | Mass  | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|------------|-------|---------|---------|---------|------------|---------|-------|
| Aluminium  | 27-2  | 84.19   | 75.86   | 85.82   | 81.96      | 6.51    | ppb   |
| Antimony   | 121-1 | 0.03    | 0.02    | 0.02    | 0.02       | 30.99   | ppb   |
| Arsenic    | 75-2  | 1.32    | 1.25    | 1.47    | 1.35       | 8.27    | ppb   |
| Barium     | 135-1 | -0.07   | -0.06   | -0.04   | -0.06      |         | ppb   |
| Barium     | 137-1 | -0.04   | -0.04   | -0.03   | -0.03      |         | ppb   |
| Beryllium  | 9-1   | -0.01   | -0.02   | -0.01   | -0.01      |         | ppb   |
| Bismuth    | 209-1 |         |         |         |            |         | %     |
| Bismuth    | 209-2 |         |         |         |            |         | %     |
| Boron      | 10-1  | 1.20    | 1.13    | 0.85    | 1.06       | 17.19   | ppb   |
| Boron      | 11-1  | 1.02    | 1.10    | 1.16    | 1.09       | 6.16    | ppb   |
| Cadmium    | 111-1 | 0.42    | 0.39    | 0.27    | 0.36       | 21.57   | ppb   |
| Cadmium    | 106-1 | -0.75   | -0.76   | -2.19   | -1.24      |         | ppb   |
| Cadmium    | 108-1 | 0.55    | 0.64    | 0.51    | 0.57       | 11.65   | ppb   |
| Calcium    | 43-1  | 247.36  | 224.58  | 240.61  | 237.52     | 4.93    | ppb   |
| Calcium    | 44-1  | 231.34  | 228.01  | 227.53  | 228.96     | 0.90    | ppb   |
| Chromium   | 52-2  | 0.03    | -0.02   | -0.03   | -0.01      |         | ppb   |
| Cobalt     | 59-2  | 0.30    | 0.21    | 0.21    | 0.24       | 20.99   | ppb   |
| Copper     | 63-2  | 3.82    | 3.74    | 4.04    | 3.87       | 3.99    | ppb   |
| Dysprosium | 156-1 |         |         |         |            |         | cps   |
| Dysprosium | 156-2 |         |         |         |            |         | cps   |
| Erbium     | 164-1 |         |         |         |            |         | cps   |
| Erbium     | 164-2 |         |         |         |            |         | cps   |
| Gadolinium | 160-1 |         |         |         |            |         | cps   |
| Gadolinium | 160-2 |         |         |         |            |         | cps   |
| Holmium    | 165-1 |         |         |         |            |         | %     |
| Holmium    | 165-2 |         |         |         |            |         | %     |
| Indium     | 115-1 |         |         |         |            |         | %     |
| Indium     | 115-2 |         |         |         |            |         | %     |
| Iron       | 56-2  | 20.24   | 20.81   | 21.20   | 20.75      | 2.33    | ppb   |
| Iron       | 57-2  | 21.31   | 24.91   | 17.98   | 21.40      | 16.21   | ppb   |
| Lead       | 206-1 | 0.22    | 0.20    | 0.21    | 0.21       | 5.43    | ppb   |
| Lead       | 207-1 | 0.22    | 0.20    | 0.23    | 0.21       | 7.18    | ppb   |
| Lead       | 208-1 | 0.21    | 0.21    | 0.21    | 0.21       | 1.26    | ppb   |
| Lithium    | 6-1   |         |         |         |            |         | %     |
| Magnesium  | 24-2  | 98.05   | 100.09  | 101.47  | 99.87      | 1.72    | ppb   |
| Manganese  | 55-2  | 140.52  | 139.16  | 139.94  | 139.87     | 0.49    | ppb   |

|                         |                     |                   |                     |
|-------------------------|---------------------|-------------------|---------------------|
| LB Number :             | LB88853             | Operator :        | Jaswal              |
| Lab Sample ID :         | I4256-03DL3X500     | Instrumnet Name : | P7                  |
| Client Sample ID :      | MH0CC3D             | Dilution Factor : | 500                 |
| Date & Time Acquired :: | 2017-07-19 16:24:16 | DataFile Name :   | 066SMPL_P7071917 -M |

| Parameter  | Mass  | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|------------|-------|---------|---------|---------|------------|---------|-------|
| Molybdenum | 94-1  | -0.01   | 0.00    | -0.01   | -0.01      |         | ppb   |
| Molybdenum | 95-1  | -0.06   | -0.05   | -0.05   | -0.05      |         | ppb   |
| Molybdenum | 96-1  | -0.03   | -0.03   | -0.02   | -0.03      |         | ppb   |
| Molybdenum | 97-1  | -0.01   | -0.02   | -0.03   | -0.02      |         | ppb   |
| Molybdenum | 98-1  | -0.04   | -0.05   | -0.04   | -0.04      |         | ppb   |
| Neodymium  | 150-1 |         |         |         |            |         | cps   |
| Neodymium  | 150-2 |         |         |         |            |         | cps   |
| Nickel     | 60-2  | 0.01    | -0.11   | -0.02   | -0.04      |         | ppb   |
| Phosphorus | 31-2  | -5.08   | -2.67   | 17.27   | 3.17       | 386.90  | ppb   |
| Potassium  | 39-2  | 21.90   | 18.52   | 21.12   | 20.51      | 8.63    | ppb   |
| Rhodium    | 103-1 |         |         |         |            |         | %     |
| Rhodium    | 103-2 |         |         |         |            |         | %     |
| Scandium   | 45-1  |         |         |         |            |         | %     |
| Scandium   | 45-2  |         |         |         |            |         | %     |
| Selenium   | 77-2  | 0.00    | 2.12    | 0.71    | 0.94       | 114.27  | ppb   |
| Selenium   | 78-2  | -1.56   | -0.17   | -0.13   | -0.62      |         | ppb   |
| Selenium   | 82-1  | 0.69    | 0.82    | 0.20    | 0.57       | 57.75   | ppb   |
| Silicon    | 28-1  | 20.72   | 20.53   | 21.60   | 20.95      | 2.72    | ppb   |
| Silver     | 109-1 | 0.03    | 0.02    | 0.02    | 0.02       | 11.95   | ppb   |
| Silver     | 107-1 | 0.02    | 0.02    | 0.03    | 0.02       | 30.43   | ppb   |
| Sodium     | 23-2  | 59.56   | 51.93   | 57.73   | 56.41      | 7.06    | ppb   |
| Strontium  | 86-1  | 0.66    | 0.81    | 0.58    | 0.69       | 17.14   | ppb   |
| Strontium  | 88-1  | 0.74    | 0.72    | 0.71    | 0.72       | 1.96    | ppb   |
| Sulfur     | 34-1  | 306.52  | 356.09  | 231.20  | 297.94     | 21.11   | ppb   |
| Terbium    | 159-1 |         |         |         |            |         | %     |
| Terbium    | 159-2 |         |         |         |            |         | %     |
| Thallium   | 203-1 | -0.04   | -0.03   | -0.04   | -0.04      |         | ppb   |
| Thallium   | 205-1 | -0.03   | -0.03   | -0.03   | -0.03      |         | ppb   |
| Tin        | 118-1 | 0.02    | 0.00    | -0.03   | 0.00       |         | ppb   |
| Titanium   | 47-1  | 0.06    | 0.06    | -0.01   | 0.03       | 117.88  | ppb   |
| Uranium    | 238-1 | 0.12    | 0.11    | 0.12    | 0.12       | 2.37    | ppb   |
| Vanadium   | 51-2  | -0.03   | -0.02   | -0.02   | -0.02      |         | ppb   |
| Yttrium    | 89-1  |         |         |         |            |         | %     |
| Yttrium    | 89-2  |         |         |         |            |         | %     |
| Zinc       | 66-2  | 76.44   | 77.02   | 78.69   | 77.38      | 1.51    | ppb   |
| Zirconium  | 90-1  | 0.00    | -0.01   | 0.00    | 0.00       |         | ppb   |

|                         |                     |                   |                     |
|-------------------------|---------------------|-------------------|---------------------|
| LB Number :             | LB88853             | Operator :        | Jaswal              |
| Lab Sample ID :         | I4256-03DL3X500     | Instrumnet Name : | P7                  |
| Client Sample ID :      | MH0CC3D             | Dilution Factor : | 500                 |
| Date & Time Acquired :: | 2017-07-19 16:24:16 | DataFile Name :   | 066SMPL_P7071917 -M |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|-----------|------|---------|---------|---------|------------|---------|-------|
| Zirconium | 91-1 | 0.00    | 0.01    | 0.01    | 0.01       | 51.71   | ppb   |

|                         |                     |                   |                     |
|-------------------------|---------------------|-------------------|---------------------|
| LB Number :             | LB88853             | Operator :        | Jaswal              |
| Lab Sample ID :         | I4256-03LDL3X2500   | Instrumnet Name : | P7                  |
| Client Sample ID :      | MH0CC3L             | Dilution Factor : | 2500                |
| Date & Time Acquired :: | 2017-07-19 16:27:45 | DataFile Name :   | 067SMPL_P7071917 -M |

| Parameter  | Mass  | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|------------|-------|---------|---------|---------|------------|---------|-------|
| Aluminium  | 27-2  | 18.03   | 15.40   | 12.93   | 15.46      | 16.51   | ppb   |
| Antimony   | 121-1 | 0.01    | 0.01    | 0.02    | 0.01       | 24.55   | ppb   |
| Arsenic    | 75-2  | 0.31    | 0.35    | 0.23    | 0.30       | 19.79   | ppb   |
| Barium     | 135-1 | -0.10   | -0.10   | -0.05   | -0.09      |         | ppb   |
| Barium     | 137-1 | -0.07   | -0.06   | -0.06   | -0.06      |         | ppb   |
| Beryllium  | 9-1   | -0.07   | 0.00    | -0.03   | -0.03      |         | ppb   |
| Bismuth    | 209-1 |         |         |         |            |         | %     |
| Bismuth    | 209-2 |         |         |         |            |         | %     |
| Boron      | 10-1  | 0.45    | 1.14    | 1.05    | 0.88       | 42.75   | ppb   |
| Boron      | 11-1  | 0.99    | 1.13    | 0.55    | 0.89       | 34.27   | ppb   |
| Cadmium    | 111-1 | -0.03   | -0.16   | -0.16   | -0.12      |         | ppb   |
| Cadmium    | 106-1 | -1.43   | -2.96   | -2.70   | -2.36      |         | ppb   |
| Cadmium    | 108-1 | -0.02   | 0.08    | 0.04    | 0.03       | 143.46  | ppb   |
| Calcium    | 43-1  | 59.12   | 63.40   | 52.17   | 58.23      | 9.74    | ppb   |
| Calcium    | 44-1  | 54.89   | 55.78   | 55.99   | 55.55      | 1.06    | ppb   |
| Chromium   | 52-2  | 0.01    | -0.05   | -0.03   | -0.02      |         | ppb   |
| Cobalt     | 59-2  | -0.02   | 0.00    | 0.00    | -0.01      |         | ppb   |
| Copper     | 63-2  | 0.79    | 0.68    | 0.78    | 0.75       | 8.09    | 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  | 5.97    | 5.45    | 5.19    | 5.54       | 7.17    | ppb   |
| Iron       | 57-2  | 8.65    | 5.02    | 6.00    | 6.56       | 28.63   | ppb   |
| Lead       | 206-1 | 0.01    | 0.01    | 0.01    | 0.01       | 23.15   | ppb   |
| Lead       | 207-1 | 0.02    | 0.02    | 0.02    | 0.02       | 15.55   | ppb   |
| Lead       | 208-1 | 0.01    | 0.02    | 0.01    | 0.01       | 24.63   | ppb   |
| Lithium    | 6-1   |         |         |         |            |         | %     |
| Magnesium  | 24-2  | 17.54   | 15.86   | 17.41   | 16.94      | 5.53    | ppb   |
| Manganese  | 55-2  | 29.76   | 29.11   | 29.28   | 29.39      | 1.16    | ppb   |

|                         |                     |                   |                     |
|-------------------------|---------------------|-------------------|---------------------|
| LB Number :             | LB88853             | Operator :        | Jaswal              |
| Lab Sample ID :         | I4256-03LDL3X2500   | Instrumnet Name : | P7                  |
| Client Sample ID :      | MH0CC3L             | Dilution Factor : | 2500                |
| Date & Time Acquired :: | 2017-07-19 16:27:45 | DataFile Name :   | 067SMPL_P7071917 -M |

| Parameter  | Mass  | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|------------|-------|---------|---------|---------|------------|---------|-------|
| Molybdenum | 94-1  | -0.01   | 0.00    | -0.01   | -0.01      |         | ppb   |
| Molybdenum | 95-1  | -0.06   | -0.05   | -0.04   | -0.05      |         | ppb   |
| Molybdenum | 96-1  | -0.03   | -0.03   | -0.03   | -0.03      |         | ppb   |
| Molybdenum | 97-1  | -0.03   | -0.03   | -0.04   | -0.03      |         | ppb   |
| Molybdenum | 98-1  | -0.04   | -0.04   | -0.04   | -0.04      |         | ppb   |
| Neodymium  | 150-1 |         |         |         |            |         | cps   |
| Neodymium  | 150-2 |         |         |         |            |         | cps   |
| Nickel     | 60-2  | -0.21   | -0.21   | -0.07   | -0.16      |         | ppb   |
| Phosphorus | 31-2  | 1.45    | -21.99  | 3.41    | -5.71      |         | ppb   |
| Potassium  | 39-2  | 19.24   | 10.21   | 8.75    | 12.73      | 44.61   | ppb   |
| Rhodium    | 103-1 |         |         |         |            |         | %     |
| Rhodium    | 103-2 |         |         |         |            |         | %     |
| Scandium   | 45-1  |         |         |         |            |         | %     |
| Scandium   | 45-2  |         |         |         |            |         | %     |
| Selenium   | 77-2  | 0.00    | 0.00    | 0.00    | 0.00       | N/A     | ppb   |
| Selenium   | 78-2  | -1.28   | -2.01   | -0.46   | -1.25      |         | ppb   |
| Selenium   | 82-1  | 0.14    | 0.55    | -0.17   | 0.17       | 205.88  | ppb   |
| Silicon    | 28-1  | 1.88    | 3.83    | 2.56    | 2.76       | 35.85   | ppb   |
| Silver     | 109-1 | 0.01    | 0.02    | 0.02    | 0.02       | 22.29   | ppb   |
| Silver     | 107-1 | 0.02    | 0.01    | 0.02    | 0.02       | 28.06   | ppb   |
| Sodium     | 23-2  | 30.47   | 30.64   | 30.59   | 30.57      | 0.29    | ppb   |
| Strontium  | 86-1  | 0.17    | 0.18    | 0.16    | 0.17       | 7.54    | ppb   |
| Strontium  | 88-1  | 0.15    | 0.15    | 0.13    | 0.14       | 7.41    | ppb   |
| Sulfur     | 34-1  | -160.00 | 99.38   | -315.40 | -125.34    |         | ppb   |
| Terbium    | 159-1 |         |         |         |            |         | %     |
| Terbium    | 159-2 |         |         |         |            |         | %     |
| Thallium   | 203-1 | -0.04   | -0.03   | -0.03   | -0.03      |         | ppb   |
| Thallium   | 205-1 | -0.03   | -0.03   | -0.03   | -0.03      |         | ppb   |
| Tin        | 118-1 | 0.00    | 0.02    | -0.01   | 0.00       | 921.76  | ppb   |
| Titanium   | 47-1  | 0.00    | 0.02    | 0.04    | 0.02       | 107.57  | ppb   |
| Uranium    | 238-1 | -0.03   | -0.03   | -0.04   | -0.03      |         | ppb   |
| Vanadium   | 51-2  | -0.03   | -0.03   | -0.03   | -0.03      |         | ppb   |
| Yttrium    | 89-1  |         |         |         |            |         | %     |
| Yttrium    | 89-2  |         |         |         |            |         | %     |
| Zinc       | 66-2  | 16.82   | 16.12   | 16.49   | 16.47      | 2.11    | ppb   |
| Zirconium  | 90-1  | 0.00    | -0.01   | 0.00    | 0.00       |         | ppb   |

|                         |                     |                   |                     |
|-------------------------|---------------------|-------------------|---------------------|
| LB Number :             | LB88853             | Operator :        | Jaswal              |
| Lab Sample ID :         | I4256-03LDL3X2500   | Instrumnet Name : | P7                  |
| Client Sample ID :      | MH0CC3L             | Dilution Factor : | 2500                |
| Date & Time Acquired :: | 2017-07-19 16:27:45 | DataFile Name :   | 067SMPL_P7071917 -M |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|-----------|------|---------|---------|---------|------------|---------|-------|
| Zirconium | 91-1 | 0.00    | 0.01    | 0.00    | 0.00       | 210.52  | ppb   |

|                         |                     |                   |                     |
|-------------------------|---------------------|-------------------|---------------------|
| LB Number :             | LB88853             | Operator :        | Jaswal              |
| Lab Sample ID :         | I4256-04DL3X500     | Instrumnet Name : | P7                  |
| Client Sample ID :      | MH0CC3S             | Dilution Factor : | 500                 |
| Date & Time Acquired :: | 2017-07-19 16:31:13 | DataFile Name :   | 068SMPL_P7071917 -M |

| Parameter  | Mass  | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|------------|-------|---------|---------|---------|------------|---------|-------|
| Aluminium  | 27-2  | 83.94   | 86.94   | 91.35   | 87.41      | 4.27    | ppb   |
| Antimony   | 121-1 | 0.22    | 0.19    | 0.22    | 0.21       | 6.48    | ppb   |
| Arsenic    | 75-2  | 1.56    | 1.61    | 1.35    | 1.51       | 9.18    | ppb   |
| Barium     | 135-1 | 4.10    | 3.91    | 3.99    | 4.00       | 2.38    | ppb   |
| Barium     | 137-1 | 4.31    | 3.94    | 4.18    | 4.15       | 4.48    | ppb   |
| Beryllium  | 9-1   | 0.06    | 0.04    | 0.01    | 0.04       | 59.64   | ppb   |
| Bismuth    | 209-1 |         |         |         |            |         | %     |
| Bismuth    | 209-2 |         |         |         |            |         | %     |
| Boron      | 10-1  | 0.81    | 0.93    | 0.60    | 0.78       | 21.07   | ppb   |
| Boron      | 11-1  | 0.75    | 0.28    | 0.47    | 0.50       | 47.18   | ppb   |
| Cadmium    | 111-1 | 0.29    | 0.28    | 0.41    | 0.33       | 20.80   | ppb   |
| Cadmium    | 106-1 | -2.68   | -2.41   | -1.67   | -2.25      |         | ppb   |
| Cadmium    | 108-1 | 0.50    | 0.38    | 0.42    | 0.43       | 14.76   | ppb   |
| Calcium    | 43-1  | 252.69  | 221.11  | 218.79  | 230.86     | 8.20    | ppb   |
| Calcium    | 44-1  | 237.61  | 224.17  | 221.21  | 227.66     | 3.84    | ppb   |
| Chromium   | 52-2  | 0.41    | 0.46    | 0.49    | 0.45       | 9.37    | ppb   |
| Cobalt     | 59-2  | 1.37    | 1.43    | 1.45    | 1.42       | 2.88    | ppb   |
| Copper     | 63-2  | 4.34    | 4.31    | 4.65    | 4.43       | 4.30    | 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  | 22.54   | 22.82   | 23.41   | 22.93      | 1.94    | ppb   |
| Iron       | 57-2  | 22.86   | 21.67   | 25.16   | 23.23      | 7.63    | ppb   |
| Lead       | 206-1 | 0.24    | 0.24    | 0.23    | 0.23       | 2.04    | ppb   |
| Lead       | 207-1 | 0.29    | 0.21    | 0.26    | 0.25       | 14.61   | ppb   |
| Lead       | 208-1 | 0.27    | 0.23    | 0.23    | 0.24       | 9.03    | ppb   |
| Lithium    | 6-1   |         |         |         |            |         | %     |
| Magnesium  | 24-2  | 99.40   | 96.51   | 95.79   | 97.23      | 1.96    | ppb   |
| Manganese  | 55-2  | 138.02  | 141.41  | 144.91  | 141.45     | 2.43    | ppb   |

|                         |                     |                   |                     |
|-------------------------|---------------------|-------------------|---------------------|
| LB Number :             | LB88853             | Operator :        | Jaswal              |
| Lab Sample ID :         | I4256-04DL3X500     | Instrumnet Name : | P7                  |
| Client Sample ID :      | MH0CC3S             | Dilution Factor : | 500                 |
| Date & Time Acquired :: | 2017-07-19 16:31:13 | DataFile Name :   | 068SMPL_P7071917 -M |

| Parameter  | Mass  | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|------------|-------|---------|---------|---------|------------|---------|-------|
| Molybdenum | 94-1  | 0.00    | -0.01   | -0.01   | -0.01      |         | ppb   |
| Molybdenum | 95-1  | -0.06   | -0.05   | -0.05   | -0.05      |         | ppb   |
| Molybdenum | 96-1  | -0.04   | -0.04   | -0.03   | -0.03      |         | ppb   |
| Molybdenum | 97-1  | -0.03   | -0.03   | -0.04   | -0.03      |         | ppb   |
| Molybdenum | 98-1  | -0.04   | -0.05   | -0.04   | -0.04      |         | ppb   |
| Neodymium  | 150-1 |         |         |         |            |         | cps   |
| Neodymium  | 150-2 |         |         |         |            |         | cps   |
| Nickel     | 60-2  | 1.25    | 1.02    | 1.09    | 1.12       | 10.57   | ppb   |
| Phosphorus | 31-2  | -11.16  | -22.16  | -27.41  | -20.24     |         | ppb   |
| Potassium  | 39-2  | 11.47   | 22.21   | 25.54   | 19.74      | 37.25   | ppb   |
| Rhodium    | 103-1 |         |         |         |            |         | %     |
| Rhodium    | 103-2 |         |         |         |            |         | %     |
| Scandium   | 45-1  |         |         |         |            |         | %     |
| Scandium   | 45-2  |         |         |         |            |         | %     |
| Selenium   | 77-2  | 1.43    | 0.71    | 2.19    | 1.44       | 51.44   | ppb   |
| Selenium   | 78-2  | -0.35   | -0.38   | -0.38   | -0.37      |         | ppb   |
| Selenium   | 82-1  | 0.73    | 0.66    | 0.32    | 0.57       | 38.62   | ppb   |
| Silicon    | 28-1  | 22.54   | 17.77   | 18.57   | 19.63      | 13.01   | ppb   |
| Silver     | 109-1 | 0.11    | 0.12    | 0.11    | 0.11       | 5.12    | ppb   |
| Silver     | 107-1 | 0.11    | 0.10    | 0.09    | 0.10       | 11.83   | ppb   |
| Sodium     | 23-2  | 59.20   | 55.60   | 58.89   | 57.90      | 3.45    | ppb   |
| Strontium  | 86-1  | 0.70    | 0.68    | 0.81    | 0.73       | 10.09   | ppb   |
| Strontium  | 88-1  | 0.71    | 0.70    | 0.72    | 0.71       | 1.48    | ppb   |
| Sulfur     | 34-1  | 616.12  | 181.72  | 186.27  | 328.04     | 76.06   | ppb   |
| Terbium    | 159-1 |         |         |         |            |         | %     |
| Terbium    | 159-2 |         |         |         |            |         | %     |
| Thallium   | 203-1 | 0.08    | 0.07    | 0.06    | 0.07       | 13.98   | ppb   |
| Thallium   | 205-1 | 0.08    | 0.07    | 0.07    | 0.07       | 7.27    | ppb   |
| Tin        | 118-1 | 0.28    | 0.01    | -0.04   | 0.08       | 209.16  | ppb   |
| Titanium   | 47-1  | 0.03    | -0.06   | -0.03   | -0.02      |         | ppb   |
| Uranium    | 238-1 | 0.10    | 0.12    | 0.11    | 0.11       | 5.22    | ppb   |
| Vanadium   | 51-2  | 1.06    | 1.12    | 1.15    | 1.11       | 3.82    | ppb   |
| Yttrium    | 89-1  |         |         |         |            |         | %     |
| Yttrium    | 89-2  |         |         |         |            |         | %     |
| Zinc       | 66-2  | 76.39   | 77.67   | 79.93   | 78.00      | 2.30    | ppb   |
| Zirconium  | 90-1  | -0.01   | 0.00    | 0.01    | 0.00       |         | ppb   |



|                         |                     |                   |                     |
|-------------------------|---------------------|-------------------|---------------------|
| LB Number :             | LB88853             | Operator :        | Jaswal              |
| Lab Sample ID :         | I4256-04DL3X500     | Instrumnet Name : | P7                  |
| Client Sample ID :      | MH0CC3S             | Dilution Factor : | 500                 |
| Date & Time Acquired :: | 2017-07-19 16:31:13 | DataFile Name :   | 068SMPL_P7071917 -M |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|-----------|------|---------|---------|---------|------------|---------|-------|
| Zirconium | 91-1 | 0.01    | 0.01    | 0.00    | 0.01       | 167.23  | ppb   |

|                         |                     |                   |                     |
|-------------------------|---------------------|-------------------|---------------------|
| LB Number :             | LB88853             | Operator :        | Jaswal              |
| Lab Sample ID :         | I4256-05DL3X500     | Instrumnet Name : | P7                  |
| Client Sample ID :      | MH0CC5              | Dilution Factor : | 500                 |
| Date & Time Acquired :: | 2017-07-19 16:34:42 | DataFile Name :   | 069SMPL_P7071917 -M |

| Parameter  | Mass  | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|------------|-------|---------|---------|---------|------------|---------|-------|
| Aluminium  | 27-2  | 38.85   | 45.35   | 38.89   | 41.03      | 9.11    | ppb   |
| Antimony   | 121-1 | 0.02    | 0.01    | 0.03    | 0.02       | 49.92   | ppb   |
| Arsenic    | 75-2  | 2.30    | 2.48    | 2.43    | 2.40       | 3.99    | ppb   |
| Barium     | 135-1 | -0.11   | -0.09   | -0.10   | -0.10      |         | ppb   |
| Barium     | 137-1 | -0.05   | -0.05   | -0.06   | -0.05      |         | ppb   |
| Beryllium  | 9-1   | -0.03   | -0.04   | -0.07   | -0.05      |         | ppb   |
| Bismuth    | 209-1 |         |         |         |            |         | %     |
| Bismuth    | 209-2 |         |         |         |            |         | %     |
| Boron      | 10-1  | 1.09    | 0.57    | 0.60    | 0.75       | 38.52   | ppb   |
| Boron      | 11-1  | 0.49    | 0.50    | 0.71    | 0.57       | 21.79   | ppb   |
| Cadmium    | 111-1 | 1.26    | 1.39    | 1.41    | 1.35       | 5.82    | ppb   |
| Cadmium    | 106-1 | -2.71   | -1.49   | -2.01   | -2.07      |         | ppb   |
| Cadmium    | 108-1 | 1.70    | 1.90    | 1.64    | 1.74       | 7.83    | ppb   |
| Calcium    | 43-1  | 900.87  | 838.49  | 881.78  | 873.71     | 3.66    | ppb   |
| Calcium    | 44-1  | 885.02  | 846.35  | 885.50  | 872.29     | 2.58    | ppb   |
| Chromium   | 52-2  | -0.05   | 0.04    | -0.01   | -0.01      |         | ppb   |
| Cobalt     | 59-2  | 3.06    | 3.32    | 2.94    | 3.11       | 6.29    | ppb   |
| Copper     | 63-2  | 12.34   | 13.31   | 12.28   | 12.64      | 4.59    | 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  | 310.13  | 331.48  | 307.16  | 316.26     | 4.20    | ppb   |
| Iron       | 57-2  | 298.72  | 336.42  | 302.06  | 312.40     | 6.68    | ppb   |
| Lead       | 206-1 | -0.07   | -0.09   | -0.08   | -0.08      |         | ppb   |
| Lead       | 207-1 | -0.06   | -0.05   | -0.07   | -0.06      |         | ppb   |
| Lead       | 208-1 | -0.06   | -0.06   | -0.06   | -0.06      |         | ppb   |
| Lithium    | 6-1   |         |         |         |            |         | %     |
| Magnesium  | 24-2  | 367.58  | 392.05  | 357.40  | 372.34     | 4.78    | ppb   |
| Manganese  | 55-2  | 474.32  | 507.54  | 468.18  | 483.35     | 4.38    | ppb   |

|                         |                     |                   |                     |
|-------------------------|---------------------|-------------------|---------------------|
| LB Number :             | LB88853             | Operator :        | Jaswal              |
| Lab Sample ID :         | I4256-05DL3X500     | Instrumnet Name : | P7                  |
| Client Sample ID :      | MH0CC5              | Dilution Factor : | 500                 |
| Date & Time Acquired :: | 2017-07-19 16:34:42 | DataFile Name :   | 069SMPL_P7071917 -M |

| Parameter  | Mass  | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|------------|-------|---------|---------|---------|------------|---------|-------|
| Molybdenum | 94-1  | -0.01   | -0.01   | -0.01   | -0.01      |         | ppb   |
| Molybdenum | 95-1  | -0.04   | -0.04   | -0.05   | -0.04      |         | ppb   |
| Molybdenum | 96-1  | -0.03   | -0.02   | -0.03   | -0.03      |         | ppb   |
| Molybdenum | 97-1  | -0.03   | -0.03   | -0.03   | -0.03      |         | ppb   |
| Molybdenum | 98-1  | -0.04   | -0.04   | -0.04   | -0.04      |         | ppb   |
| Neodymium  | 150-1 |         |         |         |            |         | cps   |
| Neodymium  | 150-2 |         |         |         |            |         | cps   |
| Nickel     | 60-2  | 0.82    | 0.93    | 0.70    | 0.82       | 14.51   | ppb   |
| Phosphorus | 31-2  | -7.43   | -11.13  | -13.63  | -10.73     |         | ppb   |
| Potassium  | 39-2  | 37.08   | 52.48   | 38.50   | 42.68      | 19.94   | ppb   |
| Rhodium    | 103-1 |         |         |         |            |         | %     |
| Rhodium    | 103-2 |         |         |         |            |         | %     |
| Scandium   | 45-1  |         |         |         |            |         | %     |
| Scandium   | 45-2  |         |         |         |            |         | %     |
| Selenium   | 77-2  | 1.45    | 2.24    | 1.42    | 1.71       | 27.15   | ppb   |
| Selenium   | 78-2  | -0.65   | -0.80   | 0.47    | -0.33      |         | ppb   |
| Selenium   | 82-1  | 0.24    | 0.91    | 0.66    | 0.60       | 56.52   | ppb   |
| Silicon    | 28-1  | 23.58   | 21.10   | 24.07   | 22.92      | 6.94    | ppb   |
| Silver     | 109-1 | 0.01    | 0.01    | 0.01    | 0.01       | 11.71   | ppb   |
| Silver     | 107-1 | 0.01    | 0.01    | 0.01    | 0.01       | 33.83   | ppb   |
| Sodium     | 23-2  | 132.93  | 143.14  | 125.97  | 134.01     | 6.45    | ppb   |
| Strontium  | 86-1  | 3.33    | 3.15    | 3.44    | 3.31       | 4.39    | ppb   |
| Strontium  | 88-1  | 3.36    | 3.28    | 3.46    | 3.37       | 2.79    | ppb   |
| Sulfur     | 34-1  | 1653.10 | 1287.24 | 1772.40 | 1570.91    | 16.09   | ppb   |
| Terbium    | 159-1 |         |         |         |            |         | %     |
| Terbium    | 159-2 |         |         |         |            |         | %     |
| Thallium   | 203-1 | -0.03   | -0.03   | -0.03   | -0.03      |         | ppb   |
| Thallium   | 205-1 | -0.02   | -0.02   | -0.01   | -0.02      |         | ppb   |
| Tin        | 118-1 | -0.02   | -0.02   | 0.01    | -0.01      |         | ppb   |
| Titanium   | 47-1  | -0.05   | -0.05   | 0.02    | -0.03      |         | ppb   |
| Uranium    | 238-1 | 0.11    | 0.10    | 0.12    | 0.11       | 10.16   | ppb   |
| Vanadium   | 51-2  | -0.03   | -0.03   | -0.03   | -0.03      |         | ppb   |
| Yttrium    | 89-1  |         |         |         |            |         | %     |
| Yttrium    | 89-2  |         |         |         |            |         | %     |
| Zinc       | 66-2  | 385.11  | 417.19  | 374.68  | 392.33     | 5.65    | ppb   |
| Zirconium  | 90-1  | 0.00    | 0.01    | 0.01    | 0.01       | 97.67   | ppb   |

|                         |                     |                   |                     |
|-------------------------|---------------------|-------------------|---------------------|
| LB Number :             | LB88853             | Operator :        | Jaswal              |
| Lab Sample ID :         | I4256-05DL3X500     | Instrumnet Name : | P7                  |
| Client Sample ID :      | MH0CC5              | Dilution Factor : | 500                 |
| Date & Time Acquired :: | 2017-07-19 16:34:42 | DataFile Name :   | 069SMPL_P7071917 -M |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|-----------|------|---------|---------|---------|------------|---------|-------|
| Zirconium | 91-1 | 0.00    | 0.01    | 0.01    | 0.01       | 46.94   | ppb   |

LB Number : LB88853 Operator : Jaswal  
 Lab Sample ID : I4278-03RE Instrumnet Name : P7  
 Client Sample ID : DC3126-03-BS-CLB46-V Dilution Factor : 1  
 Date & Time Acquired :: 2017-07-19 16:38:11 DataFile Name : 070SMPL\_P7071917 -M

| Parameter  | Mass  | ConRep1  | ConRep2  | ConRep3  | Avg. Conc. | ConcRSD | Units |
|------------|-------|----------|----------|----------|------------|---------|-------|
| Aluminium  | 27-2  | 19.89    | 22.37    | 20.41    | 20.89      | 6.25    | ppb   |
| Antimony   | 121-1 | 0.12     | 0.11     | 0.14     | 0.12       | 13.57   | ppb   |
| Arsenic    | 75-2  | 0.30     | 0.41     | 0.30     | 0.33       | 18.67   | ppb   |
| Barium     | 135-1 | 47.21    | 46.89    | 47.74    | 47.28      | 0.92    | ppb   |
| Barium     | 137-1 | 47.05    | 47.75    | 47.76    | 47.52      | 0.85    | ppb   |
| Beryllium  | 9-1   | -0.07    | -0.06    | -0.06    | -0.06      |         | ppb   |
| Bismuth    | 209-1 |          |          |          |            |         | %     |
| Bismuth    | 209-2 |          |          |          |            |         | %     |
| Boron      | 10-1  | 50.73    | 46.44    | 46.76    | 47.97      | 4.98    | ppb   |
| Boron      | 11-1  | 49.62    | 49.47    | 52.68    | 50.59      | 3.58    | ppb   |
| Cadmium    | 111-1 | -0.24    | -0.26    | -0.31    | -0.27      |         | ppb   |
| Cadmium    | 106-1 | -2.88    | -3.20    | -3.89    | -3.33      |         | ppb   |
| Cadmium    | 108-1 | -0.11    | -0.05    | 0.07     | -0.03      |         | ppb   |
| Calcium    | 43-1  | 29024.62 | 28874.68 | 28991.48 | 28963.59   | 0.27    | ppb   |
| Calcium    | 44-1  | 29218.45 | 28902.89 | 29539.11 | 29220.15   | 1.09    | ppb   |
| Chromium   | 52-2  | 0.17     | 0.16     | 0.21     | 0.18       | 13.85   | ppb   |
| Cobalt     | 59-2  | 0.04     | 0.01     | 0.01     | 0.02       | 77.46   | ppb   |
| Copper     | 63-2  | 98.94    | 104.56   | 100.82   | 101.44     | 2.82    | 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  | 66.01    | 70.43    | 68.53    | 68.32      | 3.25    | ppb   |
| Iron       | 57-2  | 92.23    | 107.56   | 104.93   | 101.57     | 8.08    | ppb   |
| Lead       | 206-1 | 1.03     | 1.02     | 1.00     | 1.02       | 1.78    | ppb   |
| Lead       | 207-1 | 0.94     | 0.94     | 0.91     | 0.93       | 1.81    | ppb   |
| Lead       | 208-1 | 0.98     | 0.97     | 0.98     | 0.98       | 0.58    | ppb   |
| Lithium    | 6-1   |          |          |          |            |         | %     |
| Magnesium  | 24-2  | 9834.37  | 10410.91 | 10201.39 | 10148.89   | 2.88    | ppb   |
| Manganese  | 55-2  | 14.64    | 15.83    | 15.30    | 15.26      | 3.91    | ppb   |

|                         |                      |                   |                     |
|-------------------------|----------------------|-------------------|---------------------|
| LB Number :             | LB88853              | Operator :        | Jaswal              |
| Lab Sample ID :         | I4278-03RE           | Instrumnet Name : | P7                  |
| Client Sample ID :      | DC3126-03-BS-CLB46-V | Dilution Factor : | 1                   |
| Date & Time Acquired :: | 2017-07-19 16:38:11  | DataFile Name :   | 070SMPL_P7071917 -M |

| Parameter  | Mass  | ConRep1  | ConRep2  | ConRep3  | Avg. Conc. | ConcRSD | Units |
|------------|-------|----------|----------|----------|------------|---------|-------|
| Molybdenum | 94-1  | 0.52     | 0.49     | 0.52     | 0.51       | 3.68    | ppb   |
| Molybdenum | 95-1  | 1.50     | 1.51     | 1.60     | 1.54       | 3.68    | ppb   |
| Molybdenum | 96-1  | 1.29     | 1.31     | 1.24     | 1.28       | 2.98    | ppb   |
| Molybdenum | 97-1  | 1.60     | 1.50     | 1.63     | 1.58       | 4.38    | ppb   |
| Molybdenum | 98-1  | 1.56     | 1.54     | 1.65     | 1.58       | 3.77    | ppb   |
| Neodymium  | 150-1 |          |          |          |            |         | cps   |
| Neodymium  | 150-2 |          |          |          |            |         | cps   |
| Nickel     | 60-2  | 0.42     | 0.55     | 0.47     | 0.48       | 12.81   | ppb   |
| Phosphorus | 31-2  | 262.41   | 298.21   | 314.33   | 291.65     | 9.11    | ppb   |
| Potassium  | 39-2  | 2764.38  | 2931.83  | 2867.96  | 2854.72    | 2.96    | ppb   |
| Rhodium    | 103-1 |          |          |          |            |         | %     |
| Rhodium    | 103-2 |          |          |          |            |         | %     |
| Scandium   | 45-1  |          |          |          |            |         | %     |
| Scandium   | 45-2  |          |          |          |            |         | %     |
| Selenium   | 77-2  | 0.00     | 0.00     | 0.00     | 0.00       | N/A     | ppb   |
| Selenium   | 78-2  | -0.64    | -0.47    | -1.45    | -0.85      |         | ppb   |
| Selenium   | 82-1  | 0.62     | 1.55     | 2.41     | 1.53       | 58.47   | ppb   |
| Silicon    | 28-1  | 3586.57  | 3544.14  | 3611.38  | 3580.69    | 0.95    | ppb   |
| Silver     | 109-1 | 0.02     | 0.02     | 0.01     | 0.02       | 42.06   | ppb   |
| Silver     | 107-1 | 0.02     | 0.01     | 0.01     | 0.01       | 58.47   | ppb   |
| Sodium     | 23-2  | 39981.13 | 41876.13 | 41048.01 | 40968.42   | 2.32    | ppb   |
| Strontium  | 86-1  | 188.12   | 187.87   | 191.98   | 189.32     | 1.22    | ppb   |
| Strontium  | 88-1  | 192.14   | 191.77   | 194.66   | 192.86     | 0.81    | ppb   |
| Sulfur     | 34-1  | 20659.51 | 20086.07 | 20867.93 | 20537.83   | 1.97    | ppb   |
| Terbium    | 159-1 |          |          |          |            |         | %     |
| Terbium    | 159-2 |          |          |          |            |         | %     |
| Thallium   | 203-1 | -0.04    | -0.04    | -0.03    | -0.04      |         | ppb   |
| Thallium   | 205-1 | -0.03    | -0.03    | -0.03    | -0.03      |         | ppb   |
| Tin        | 118-1 | -0.08    | -0.07    | -0.06    | -0.07      |         | ppb   |
| Titanium   | 47-1  | 0.42     | 0.48     | 0.45     | 0.45       | 6.17    | ppb   |
| Uranium    | 238-1 | 0.04     | 0.03     | 0.04     | 0.04       | 13.65   | ppb   |
| Vanadium   | 51-2  | 0.96     | 1.02     | 0.93     | 0.97       | 4.96    | ppb   |
| Yttrium    | 89-1  |          |          |          |            |         | %     |
| Yttrium    | 89-2  |          |          |          |            |         | %     |
| Zinc       | 66-2  | 12.91    | 14.14    | 14.11    | 13.72      | 5.13    | ppb   |
| Zirconium  | 90-1  | 0.01     | 0.00     | 0.00     | 0.01       | 80.61   | ppb   |

|                         |                      |                   |                     |
|-------------------------|----------------------|-------------------|---------------------|
| LB Number :             | LB88853              | Operator :        | Jaswal              |
| Lab Sample ID :         | I4278-03RE           | Instrumnet Name : | P7                  |
| Client Sample ID :      | DC3126-03-BS-CLB46-V | Dilution Factor : | 1                   |
| Date & Time Acquired :: | 2017-07-19 16:38:11  | DataFile Name :   | 070SMPL_P7071917 -M |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|-----------|------|---------|---------|---------|------------|---------|-------|
| Zirconium | 91-1 | 0.00    | 0.01    | 0.02    | 0.01       | 96.04   | ppb   |

|                         |                      |                   |                     |
|-------------------------|----------------------|-------------------|---------------------|
| LB Number :             | LB88853              | Operator :        | Jaswal              |
| Lab Sample ID :         | I4278-04RE           | Instrumnet Name : | P7                  |
| Client Sample ID :      | DC3126-04-BS-CLB46-V | Dilution Factor : | 1                   |
| Date & Time Acquired :: | 2017-07-19 16:41:39  | DataFile Name :   | 071SMPL_P7071917 -M |

| Parameter  | Mass  | ConRep1  | ConRep2  | ConRep3  | Avg. Conc. | ConcRSD | Units |
|------------|-------|----------|----------|----------|------------|---------|-------|
| Aluminium  | 27-2  | 20.37    | 21.95    | 21.25    | 21.19      | 3.74    | ppb   |
| Antimony   | 121-1 | 0.13     | 0.12     | 0.12     | 0.12       | 6.92    | ppb   |
| Arsenic    | 75-2  | 0.36     | 0.25     | 0.23     | 0.28       | 24.98   | ppb   |
| Barium     | 135-1 | 47.83    | 44.38    | 47.34    | 46.51      | 4.01    | ppb   |
| Barium     | 137-1 | 47.25    | 46.16    | 48.40    | 47.27      | 2.38    | ppb   |
| Beryllium  | 9-1   | -0.11    | -0.02    | -0.07    | -0.07      |         | ppb   |
| Bismuth    | 209-1 |          |          |          |            |         | %     |
| Bismuth    | 209-2 |          |          |          |            |         | %     |
| Boron      | 10-1  | 51.43    | 47.95    | 55.88    | 51.76      | 7.68    | ppb   |
| Boron      | 11-1  | 51.40    | 52.79    | 55.40    | 53.20      | 3.81    | ppb   |
| Cadmium    | 111-1 | -0.30    | -0.25    | -0.35    | -0.30      |         | ppb   |
| Cadmium    | 106-1 | -3.57    | -3.02    | -4.47    | -3.69      |         | ppb   |
| Cadmium    | 108-1 | 0.01     | -0.08    | -0.02    | -0.03      |         | ppb   |
| Calcium    | 43-1  | 28500.38 | 27897.81 | 29386.27 | 28594.82   | 2.62    | ppb   |
| Calcium    | 44-1  | 28540.42 | 28419.90 | 29993.12 | 28984.48   | 3.02    | ppb   |
| Chromium   | 52-2  | 0.16     | 0.15     | 0.16     | 0.15       | 3.45    | ppb   |
| Cobalt     | 59-2  | 0.01     | 0.01     | 0.03     | 0.02       | 63.88   | ppb   |
| Copper     | 63-2  | 85.01    | 84.90    | 83.65    | 84.52      | 0.89    | 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  | 73.87    | 74.36    | 72.18    | 73.47      | 1.56    | ppb   |
| Iron       | 57-2  | 101.07   | 108.49   | 103.08   | 104.21     | 3.68    | ppb   |
| Lead       | 206-1 | 0.43     | 0.39     | 0.56     | 0.46       | 18.61   | ppb   |
| Lead       | 207-1 | 0.40     | 0.36     | 0.43     | 0.40       | 9.06    | ppb   |
| Lead       | 208-1 | 0.43     | 0.40     | 0.46     | 0.43       | 6.60    | ppb   |
| Lithium    | 6-1   |          |          |          |            |         | %     |
| Magnesium  | 24-2  | 10071.26 | 9961.52  | 9848.84  | 9960.54    | 1.12    | ppb   |
| Manganese  | 55-2  | 14.66    | 14.60    | 14.53    | 14.60      | 0.43    | ppb   |



|                         |                      |                   |                     |
|-------------------------|----------------------|-------------------|---------------------|
| LB Number :             | LB88853              | Operator :        | Jaswal              |
| Lab Sample ID :         | I4278-04RE           | Instrumnet Name : | P7                  |
| Client Sample ID :      | DC3126-04-BS-CLB46-V | Dilution Factor : | 1                   |
| Date & Time Acquired :: | 2017-07-19 16:41:39  | DataFile Name :   | 071SMPL_P7071917 -M |

| Parameter  | Mass  | ConRep1  | ConRep2  | ConRep3  | Avg. Conc. | ConcRSD | Units |
|------------|-------|----------|----------|----------|------------|---------|-------|
| Molybdenum | 94-1  | 0.51     | 0.51     | 0.50     | 0.50       | 1.20    | ppb   |
| Molybdenum | 95-1  | 1.57     | 1.53     | 1.63     | 1.57       | 3.19    | ppb   |
| Molybdenum | 96-1  | 1.34     | 1.20     | 1.30     | 1.28       | 5.34    | ppb   |
| Molybdenum | 97-1  | 1.46     | 1.43     | 1.59     | 1.50       | 5.77    | ppb   |
| Molybdenum | 98-1  | 1.53     | 1.54     | 1.62     | 1.56       | 3.05    | ppb   |
| Neodymium  | 150-1 |          |          |          |            |         | cps   |
| Neodymium  | 150-2 |          |          |          |            |         | cps   |
| Nickel     | 60-2  | 0.37     | 0.43     | 0.32     | 0.38       | 14.69   | ppb   |
| Phosphorus | 31-2  | 313.00   | 294.85   | 260.41   | 289.42     | 9.23    | ppb   |
| Potassium  | 39-2  | 2828.95  | 2801.24  | 2757.43  | 2795.87    | 1.29    | ppb   |
| Rhodium    | 103-1 |          |          |          |            |         | %     |
| Rhodium    | 103-2 |          |          |          |            |         | %     |
| Scandium   | 45-1  |          |          |          |            |         | %     |
| Scandium   | 45-2  |          |          |          |            |         | %     |
| Selenium   | 77-2  | 0.00     | 0.00     | 0.00     | 0.00       | N/A     | ppb   |
| Selenium   | 78-2  | -0.69    | -0.83    | -0.40    | -0.64      |         | ppb   |
| Selenium   | 82-1  | 0.97     | 1.63     | 1.48     | 1.36       | 25.56   | ppb   |
| Silicon    | 28-1  | 3551.57  | 3462.74  | 3689.53  | 3567.95    | 3.20    | ppb   |
| Silver     | 109-1 | 0.01     | 0.01     | 0.01     | 0.01       | 10.40   | ppb   |
| Silver     | 107-1 | 0.01     | 0.02     | 0.01     | 0.01       | 58.63   | ppb   |
| Sodium     | 23-2  | 40326.84 | 40121.62 | 39665.01 | 40037.82   | 0.85    | ppb   |
| Strontium  | 86-1  | 186.38   | 182.49   | 191.59   | 186.82     | 2.44    | ppb   |
| Strontium  | 88-1  | 189.25   | 185.72   | 193.96   | 189.65     | 2.18    | ppb   |
| Sulfur     | 34-1  | 20324.33 | 19919.00 | 21770.31 | 20671.21   | 4.71    | ppb   |
| Terbium    | 159-1 |          |          |          |            |         | %     |
| Terbium    | 159-2 |          |          |          |            |         | %     |
| Thallium   | 203-1 | -0.04    | -0.04    | -0.04    | -0.04      |         | ppb   |
| Thallium   | 205-1 | -0.03    | -0.03    | -0.02    | -0.03      |         | ppb   |
| Tin        | 118-1 | -0.08    | -0.07    | -0.07    | -0.08      |         | ppb   |
| Titanium   | 47-1  | 0.49     | 0.37     | 0.35     | 0.41       | 18.86   | ppb   |
| Uranium    | 238-1 | 0.03     | 0.03     | 0.06     | 0.04       | 45.16   | ppb   |
| Vanadium   | 51-2  | 0.96     | 0.94     | 0.86     | 0.92       | 5.74    | ppb   |
| Yttrium    | 89-1  |          |          |          |            |         | %     |
| Yttrium    | 89-2  |          |          |          |            |         | %     |
| Zinc       | 66-2  | 16.82    | 17.62    | 17.10    | 17.18      | 2.35    | ppb   |
| Zirconium  | 90-1  | 0.00     | 0.01     | 0.01     | 0.01       | 61.81   | ppb   |

|                         |                      |                   |                     |
|-------------------------|----------------------|-------------------|---------------------|
| LB Number :             | LB88853              | Operator :        | Jaswal              |
| Lab Sample ID :         | I4278-04RE           | Instrumnet Name : | P7                  |
| Client Sample ID :      | DC3126-04-BS-CLB46-V | Dilution Factor : | 1                   |
| Date & Time Acquired :: | 2017-07-19 16:41:39  | DataFile Name :   | 071SMPL_P7071917 -M |

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

LB Number : LB88853 Operator : Jaswal  
 Lab Sample ID : I4278-05RE Instrumnet Name : P7  
 Client Sample ID : DC3126-05-BS-CLB46-V Dilution Factor : 1  
 Date & Time Acquired :: 2017-07-19 16:45:06 DataFile Name : 072SMPL\_P7071917 -M

| Parameter  | Mass  | ConRep1  | ConRep2  | ConRep3  | Avg. Conc. | ConcRSD | Units |
|------------|-------|----------|----------|----------|------------|---------|-------|
| Aluminium  | 27-2  | 166.98   | 178.85   | 171.54   | 172.46     | 3.47    | ppb   |
| Antimony   | 121-1 | 0.13     | 0.12     | 0.14     | 0.13       | 8.09    | ppb   |
| Arsenic    | 75-2  | 0.46     | 0.36     | 0.40     | 0.41       | 13.06   | ppb   |
| Barium     | 135-1 | 48.11    | 48.83    | 47.25    | 48.07      | 1.64    | ppb   |
| Barium     | 137-1 | 48.96    | 48.06    | 47.75    | 48.26      | 1.30    | ppb   |
| Beryllium  | 9-1   | -0.06    | -0.06    | -0.10    | -0.07      |         | ppb   |
| Bismuth    | 209-1 |          |          |          |            |         | %     |
| Bismuth    | 209-2 |          |          |          |            |         | %     |
| Boron      | 10-1  | 63.47    | 65.02    | 64.86    | 64.45      | 1.33    | ppb   |
| Boron      | 11-1  | 63.06    | 65.15    | 66.49    | 64.90      | 2.66    | ppb   |
| Cadmium    | 111-1 | 0.05     | -0.02    | -0.08    | -0.02      |         | ppb   |
| Cadmium    | 106-1 | -1.79    | -2.89    | -3.22    | -2.63      |         | ppb   |
| Cadmium    | 108-1 | 0.27     | 0.21     | 0.26     | 0.25       | 13.04   | ppb   |
| Calcium    | 43-1  | 29050.64 | 29857.15 | 28813.78 | 29240.52   | 1.87    | ppb   |
| Calcium    | 44-1  | 29240.17 | 30148.99 | 28803.77 | 29397.64   | 2.33    | ppb   |
| Chromium   | 52-2  | 0.31     | 0.36     | 0.23     | 0.30       | 21.50   | ppb   |
| Cobalt     | 59-2  | 0.01     | 0.01     | 0.01     | 0.01       | 42.64   | ppb   |
| Copper     | 63-2  | 56.22    | 58.12    | 57.45    | 57.26      | 1.68    | ppb   |
| Dysprosium | 156-1 |          |          |          |            |         | cps   |
| Dysprosium | 156-2 |          |          |          |            |         | cps   |
| Erbium     | 164-1 |          |          |          |            |         | cps   |
| Erbium     | 164-2 |          |          |          |            |         | cps   |
| Gadolinium | 160-1 |          |          |          |            |         | cps   |
| Gadolinium | 160-2 |          |          |          |            |         | cps   |
| Holmium    | 165-1 |          |          |          |            |         | %     |
| Holmium    | 165-2 |          |          |          |            |         | %     |
| Indium     | 115-1 |          |          |          |            |         | %     |
| Indium     | 115-2 |          |          |          |            |         | %     |
| Iron       | 56-2  | 249.33   | 255.28   | 249.68   | 251.43     | 1.33    | ppb   |
| Iron       | 57-2  | 270.31   | 288.10   | 290.99   | 283.14     | 3.96    | ppb   |
| Lead       | 206-1 | 0.19     | 0.19     | 0.17     | 0.18       | 8.01    | ppb   |
| Lead       | 207-1 | 0.18     | 0.16     | 0.19     | 0.18       | 7.92    | ppb   |
| Lead       | 208-1 | 0.19     | 0.18     | 0.17     | 0.18       | 3.56    | ppb   |
| Lithium    | 6-1   |          |          |          |            |         | %     |
| Magnesium  | 24-2  | 9947.17  | 10239.46 | 10127.18 | 10104.60   | 1.46    | ppb   |
| Manganese  | 55-2  | 18.15    | 18.96    | 18.46    | 18.52      | 2.21    | ppb   |

|                         |                      |                   |                     |
|-------------------------|----------------------|-------------------|---------------------|
| LB Number :             | LB88853              | Operator :        | Jaswal              |
| Lab Sample ID :         | I4278-05RE           | Instrumnet Name : | P7                  |
| Client Sample ID :      | DC3126-05-BS-CLB46-V | Dilution Factor : | 1                   |
| Date & Time Acquired :: | 2017-07-19 16:45:06  | DataFile Name :   | 072SMPL_P7071917 -M |

| Parameter  | Mass  | ConRep1  | ConRep2  | ConRep3  | Avg. Conc. | ConcRSD | Units |
|------------|-------|----------|----------|----------|------------|---------|-------|
| Molybdenum | 94-1  | 0.46     | 0.45     | 0.50     | 0.47       | 5.04    | ppb   |
| Molybdenum | 95-1  | 1.57     | 1.47     | 1.42     | 1.49       | 4.91    | ppb   |
| Molybdenum | 96-1  | 1.36     | 1.36     | 1.36     | 1.36       | 0.19    | ppb   |
| Molybdenum | 97-1  | 1.53     | 1.56     | 1.49     | 1.53       | 2.07    | ppb   |
| Molybdenum | 98-1  | 1.49     | 1.55     | 1.55     | 1.53       | 1.99    | ppb   |
| Neodymium  | 150-1 |          |          |          |            |         | cps   |
| Neodymium  | 150-2 |          |          |          |            |         | cps   |
| Nickel     | 60-2  | 0.54     | 0.53     | 0.63     | 0.56       | 9.72    | ppb   |
| Phosphorus | 31-2  | 240.39   | 276.77   | 303.69   | 273.61     | 11.61   | ppb   |
| Potassium  | 39-2  | 2791.64  | 2885.94  | 2886.83  | 2854.81    | 1.92    | ppb   |
| Rhodium    | 103-1 |          |          |          |            |         | %     |
| Rhodium    | 103-2 |          |          |          |            |         | %     |
| Scandium   | 45-1  |          |          |          |            |         | %     |
| Scandium   | 45-2  |          |          |          |            |         | %     |
| Selenium   | 77-2  | 0.68     | 0.00     | 0.00     | 0.23       | 173.21  | ppb   |
| Selenium   | 78-2  | 0.60     | -0.78    | 0.35     | 0.06       | 1306.35 | ppb   |
| Selenium   | 82-1  | 1.49     | 1.91     | 0.94     | 1.45       | 33.43   | ppb   |
| Silicon    | 28-1  | 3529.19  | 3637.32  | 3508.26  | 3558.26    | 1.95    | ppb   |
| Silver     | 109-1 | 0.01     | 0.01     | 0.02     | 0.01       | 32.96   | ppb   |
| Silver     | 107-1 | 0.01     | 0.02     | 0.01     | 0.01       | 21.18   | ppb   |
| Sodium     | 23-2  | 39961.64 | 41298.58 | 40783.56 | 40681.26   | 1.66    | ppb   |
| Strontium  | 86-1  | 199.38   | 197.31   | 190.51   | 195.74     | 2.37    | ppb   |
| Strontium  | 88-1  | 201.43   | 202.04   | 194.34   | 199.27     | 2.15    | ppb   |
| Sulfur     | 34-1  | 20446.96 | 21009.39 | 20106.11 | 20520.82   | 2.22    | ppb   |
| Terbium    | 159-1 |          |          |          |            |         | %     |
| Terbium    | 159-2 |          |          |          |            |         | %     |
| Thallium   | 203-1 | -0.03    | -0.03    | -0.04    | -0.03      |         | ppb   |
| Thallium   | 205-1 | -0.03    | -0.03    | -0.03    | -0.03      |         | ppb   |
| Tin        | 118-1 | -0.08    | -0.07    | -0.08    | -0.08      |         | ppb   |
| Titanium   | 47-1  | 0.60     | 0.45     | 0.60     | 0.55       | 15.35   | ppb   |
| Uranium    | 238-1 | 0.06     | 0.04     | 0.04     | 0.05       | 18.12   | ppb   |
| Vanadium   | 51-2  | 0.94     | 0.96     | 0.94     | 0.95       | 1.29    | ppb   |
| Yttrium    | 89-1  |          |          |          |            |         | %     |
| Yttrium    | 89-2  |          |          |          |            |         | %     |
| Zinc       | 66-2  | 179.66   | 183.63   | 184.31   | 182.53     | 1.38    | ppb   |
| Zirconium  | 90-1  | 0.02     | 0.01     | 0.02     | 0.02       | 7.46    | ppb   |

|                         |                      |                   |                     |
|-------------------------|----------------------|-------------------|---------------------|
| LB Number :             | LB88853              | Operator :        | Jaswal              |
| Lab Sample ID :         | I4278-05RE           | Instrumnet Name : | P7                  |
| Client Sample ID :      | DC3126-05-BS-CLB46-V | Dilution Factor : | 1                   |
| Date & Time Acquired :: | 2017-07-19 16:45:06  | DataFile Name :   | 072SMPL_P7071917 -M |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|-----------|------|---------|---------|---------|------------|---------|-------|
| Zirconium | 91-1 | 0.02    | 0.04    | 0.02    | 0.02       | 37.91   | ppb   |

|                         |                     |                   |                      |
|-------------------------|---------------------|-------------------|----------------------|
| LB Number :             | LB88853             | Operator :        | Jaswal               |
| Lab Sample ID :         | CCV35               | Instrumnet Name : | P7                   |
| Client Sample ID :      | CCV35               | Dilution Factor : | 1                    |
| Date & Time Acquired :: | 2017-07-19 16:48:34 | DataFile Name :   | 073CCV_P7071917 -MS. |

| Parameter  | Mass  | ConRep1   | ConRep2   | ConRep3   | Avg. Conc. | ConcRSD | Units |
|------------|-------|-----------|-----------|-----------|------------|---------|-------|
| Aluminium  | 27-2  | 51042.09  | 50768.38  | 50712.02  | 50840.83   | 0.35    | ppb   |
| Antimony   | 121-1 | 474.78    | 498.07    | 486.25    | 486.36     | 2.39    | ppb   |
| Arsenic    | 75-2  | 501.59    | 506.19    | 507.93    | 505.24     | 0.65    | ppb   |
| Barium     | 135-1 | 2452.63   | 2542.83   | 2493.85   | 2496.44    | 1.81    | ppb   |
| Barium     | 137-1 | 2482.38   | 2593.02   | 2529.35   | 2534.92    | 2.19    | ppb   |
| Beryllium  | 9-1   | 504.78    | 515.48    | 507.71    | 509.32     | 1.09    | ppb   |
| Bismuth    | 209-1 |           |           |           |            |         | %     |
| Bismuth    | 209-2 |           |           |           |            |         | %     |
| Boron      | 10-1  | 485.87    | 503.09    | 508.81    | 499.26     | 2.39    | ppb   |
| Boron      | 11-1  | 492.80    | 509.63    | 515.58    | 506.00     | 2.34    | ppb   |
| Cadmium    | 111-1 | 469.17    | 488.73    | 477.98    | 478.63     | 2.05    | ppb   |
| Cadmium    | 106-1 | 469.64    | 497.07    | 473.58    | 480.09     | 3.09    | ppb   |
| Cadmium    | 108-1 | 465.45    | 497.12    | 477.71    | 480.09     | 3.33    | ppb   |
| Calcium    | 43-1  | 250985.85 | 262255.02 | 256797.39 | 256679.42  | 2.20    | ppb   |
| Calcium    | 44-1  | 249152.26 | 257109.79 | 251325.25 | 252529.10  | 1.63    | ppb   |
| Chromium   | 52-2  | 533.91    | 528.34    | 530.97    | 531.07     | 0.52    | ppb   |
| Cobalt     | 59-2  | 517.72    | 513.01    | 513.43    | 514.72     | 0.51    | ppb   |
| Copper     | 63-2  | 1012.37   | 1000.00   | 1012.98   | 1008.45    | 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  | 134462.48 | 132354.48 | 133009.51 | 133275.49  | 0.81    | ppb   |
| Iron       | 57-2  | 132581.37 | 132324.08 | 132649.11 | 132518.19  | 0.13    | ppb   |
| Lead       | 206-1 | 515.22    | 538.57    | 524.24    | 526.01     | 2.24    | ppb   |
| Lead       | 207-1 | 508.11    | 530.14    | 515.21    | 517.82     | 2.17    | ppb   |
| Lead       | 208-1 | 520.04    | 542.73    | 530.01    | 530.92     | 2.14    | ppb   |
| Lithium    | 6-1   |           |           |           |            |         | %     |
| Magnesium  | 24-2  | 254160.37 | 251123.66 | 251433.29 | 252239.11  | 0.66    | ppb   |
| Manganese  | 55-2  | 1038.34   | 1032.07   | 1033.52   | 1034.65    | 0.32    | ppb   |

|                         |                     |                   |                      |
|-------------------------|---------------------|-------------------|----------------------|
| LB Number :             | LB88853             | Operator :        | Jaswal               |
| Lab Sample ID :         | CCV35               | Instrumnet Name : | P7                   |
| Client Sample ID :      | CCV35               | Dilution Factor : | 1                    |
| Date & Time Acquired :: | 2017-07-19 16:48:34 | DataFile Name :   | 073CCV_P7071917 -MS. |

| Parameter  | Mass  | ConRep1   | ConRep2   | ConRep3   | Avg. Conc. | ConcRSD | Units |
|------------|-------|-----------|-----------|-----------|------------|---------|-------|
| Molybdenum | 94-1  | 499.53    | 516.33    | 507.92    | 507.93     | 1.65    | ppb   |
| Molybdenum | 95-1  | 504.83    | 520.35    | 510.50    | 511.89     | 1.53    | ppb   |
| Molybdenum | 96-1  | 499.87    | 519.29    | 508.01    | 509.05     | 1.92    | ppb   |
| Molybdenum | 97-1  | 501.24    | 522.04    | 511.84    | 511.71     | 2.03    | ppb   |
| Molybdenum | 98-1  | 508.89    | 525.78    | 515.72    | 516.80     | 1.64    | ppb   |
| Neodymium  | 150-1 |           |           |           |            |         | cps   |
| Neodymium  | 150-2 |           |           |           |            |         | cps   |
| Nickel     | 60-2  | 517.61    | 515.47    | 518.47    | 517.19     | 0.30    | ppb   |
| Phosphorus | 31-2  | 10173.58  | 9873.44   | 9980.76   | 10009.26   | 1.52    | ppb   |
| Potassium  | 39-2  | 129639.90 | 128031.69 | 128622.60 | 128764.73  | 0.63    | ppb   |
| Rhodium    | 103-1 |           |           |           |            |         | %     |
| Rhodium    | 103-2 |           |           |           |            |         | %     |
| Scandium   | 45-1  |           |           |           |            |         | %     |
| Scandium   | 45-2  |           |           |           |            |         | %     |
| Selenium   | 77-2  | 486.77    | 479.45    | 471.29    | 479.17     | 1.62    | ppb   |
| Selenium   | 78-2  | 492.11    | 500.55    | 496.00    | 496.22     | 0.85    | ppb   |
| Selenium   | 82-1  | 489.64    | 501.06    | 491.45    | 494.05     | 1.24    | ppb   |
| Silicon    | 28-1  | 506.26    | 532.81    | 519.43    | 519.50     | 2.56    | ppb   |
| Silver     | 109-1 | 464.91    | 484.31    | 470.52    | 473.25     | 2.11    | ppb   |
| Silver     | 107-1 | 465.03    | 481.70    | 468.77    | 471.83     | 1.85    | ppb   |
| Sodium     | 23-2  | 255537.09 | 252432.02 | 253830.72 | 253933.28  | 0.61    | ppb   |
| Strontium  | 86-1  | 515.23    | 532.65    | 519.78    | 522.55     | 1.73    | ppb   |
| Strontium  | 88-1  | 519.50    | 542.50    | 526.70    | 529.57     | 2.22    | ppb   |
| Sulfur     | 34-1  | 9778.71   | 10410.86  | 9877.70   | 10022.42   | 3.39    | ppb   |
| Terbium    | 159-1 |           |           |           |            |         | %     |
| Terbium    | 159-2 |           |           |           |            |         | %     |
| Thallium   | 203-1 | 510.03    | 535.48    | 520.75    | 522.09     | 2.45    | ppb   |
| Thallium   | 205-1 | 522.09    | 549.30    | 533.44    | 534.94     | 2.55    | ppb   |
| Tin        | 118-1 | 484.61    | 503.71    | 490.34    | 492.89     | 1.99    | ppb   |
| Titanium   | 47-1  | 512.07    | 532.79    | 516.03    | 520.30     | 2.11    | ppb   |
| Uranium    | 238-1 | 538.48    | 558.92    | 544.64    | 547.35     | 1.92    | ppb   |
| Vanadium   | 51-2  | 525.23    | 518.02    | 523.11    | 522.12     | 0.71    | ppb   |
| Yttrium    | 89-1  |           |           |           |            |         | %     |
| Yttrium    | 89-2  |           |           |           |            |         | %     |
| Zinc       | 66-2  | 1002.21   | 999.96    | 1004.44   | 1002.20    | 0.22    | ppb   |
| Zirconium  | 90-1  | 497.86    | 514.46    | 507.74    | 506.69     | 1.65    | ppb   |

|                         |                     |                   |                      |
|-------------------------|---------------------|-------------------|----------------------|
| LB Number :             | LB88853             | Operator :        | Jaswal               |
| Lab Sample ID :         | CCV35               | Instrumnet Name : | P7                   |
| Client Sample ID :      | CCV35               | Dilution Factor : | 1                    |
| Date & Time Acquired :: | 2017-07-19 16:48:34 | DataFile Name :   | 073CCV_P7071917 -MS. |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|-----------|------|---------|---------|---------|------------|---------|-------|
| Zirconium | 91-1 | 489.60  | 507.41  | 499.00  | 498.67     | 1.79    | ppb   |



LB Number : LB88853 Operator : Jaswal  
 Lab Sample ID : CCB35 Instrumnet Name : P7  
 Client Sample ID : CCB35 Dilution Factor : 1  
 Date & Time Acquired :: 2017-07-19 17:22:39 DataFile Name : 075CCBE\_P7071917 -M:

| Parameter  | Mass  | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|------------|-------|---------|---------|---------|------------|---------|-------|
| Aluminium  | 27-2  | 0.66    | 0.31    | 0.37    | 0.45       | 40.86   | ppb   |
| Antimony   | 121-1 | 0.04    | 0.04    | 0.04    | 0.04       | 8.20    | ppb   |
| Arsenic    | 75-2  | -0.01   | -0.05   | -0.02   | -0.03      |         | ppb   |
| Barium     | 135-1 | -0.10   | -0.09   | -0.09   | -0.09      |         | ppb   |
| Barium     | 137-1 | -0.05   | -0.06   | -0.05   | -0.05      |         | ppb   |
| Beryllium  | 9-1   | -0.06   | 0.01    | -0.03   | -0.03      |         | ppb   |
| Bismuth    | 209-1 |         |         |         |            |         | %     |
| Bismuth    | 209-2 |         |         |         |            |         | %     |
| Boron      | 10-1  | 0.87    | 1.80    | 1.22    | 1.30       | 36.27   | ppb   |
| Boron      | 11-1  | 1.82    | 1.21    | 1.31    | 1.45       | 22.59   | ppb   |
| Cadmium    | 111-1 | -0.25   | -0.21   | -0.26   | -0.24      |         | ppb   |
| Cadmium    | 106-1 | -3.00   | -2.32   | -2.92   | -2.75      |         | ppb   |
| Cadmium    | 108-1 | -0.08   | -0.05   | 0.02    | -0.04      |         | ppb   |
| Calcium    | 43-1  | -5.22   | -2.03   | 2.68    | -1.52      |         | ppb   |
| Calcium    | 44-1  | -4.90   | -5.16   | -4.73   | -4.93      |         | ppb   |
| Chromium   | 52-2  | -0.02   | 0.00    | 0.01    | 0.00       |         | ppb   |
| Cobalt     | 59-2  | -0.06   | -0.07   | -0.07   | -0.07      |         | ppb   |
| Copper     | 63-2  | -0.10   | -0.10   | -0.06   | -0.09      |         | 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  | 0.97    | 1.13    | 1.50    | 1.20       | 22.76   | ppb   |
| Iron       | 57-2  | 1.12    | 2.09    | 2.07    | 1.76       | 31.53   | ppb   |
| Lead       | 206-1 | -0.07   | -0.07   | -0.08   | -0.08      |         | ppb   |
| Lead       | 207-1 | -0.03   | -0.07   | -0.07   | -0.06      |         | ppb   |
| Lead       | 208-1 | -0.05   | -0.06   | -0.06   | -0.06      |         | ppb   |
| Lithium    | 6-1   |         |         |         |            |         | %     |
| Magnesium  | 24-2  | -1.13   | -1.11   | -0.56   | -0.93      |         | ppb   |
| Manganese  | 55-2  | 0.87    | 0.64    | 0.77    | 0.76       | 14.69   | ppb   |

|                         |                     |                   |                     |
|-------------------------|---------------------|-------------------|---------------------|
| LB Number :             | LB88853             | Operator :        | Jaswal              |
| Lab Sample ID :         | CCB35               | Instrumnet Name : | P7                  |
| Client Sample ID :      | CCB35               | Dilution Factor : | 1                   |
| Date & Time Acquired :: | 2017-07-19 17:22:39 | DataFile Name :   | 075CCBE_P7071917 -M |

| Parameter  | Mass  | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|------------|-------|---------|---------|---------|------------|---------|-------|
| Molybdenum | 94-1  | 0.03    | 0.03    | 0.04    | 0.03       | 28.37   | ppb   |
| Molybdenum | 95-1  | -0.05   | -0.04   | -0.05   | -0.05      |         | ppb   |
| Molybdenum | 96-1  | -0.01   | -0.02   | -0.01   | -0.01      |         | ppb   |
| Molybdenum | 97-1  | -0.03   | -0.02   | -0.03   | -0.02      |         | ppb   |
| Molybdenum | 98-1  | -0.03   | -0.04   | -0.04   | -0.04      |         | ppb   |
| Neodymium  | 150-1 |         |         |         |            |         | cps   |
| Neodymium  | 150-2 |         |         |         |            |         | cps   |
| Nickel     | 60-2  | -0.35   | -0.39   | -0.37   | -0.37      |         | ppb   |
| Phosphorus | 31-2  | -24.22  | -10.06  | 20.00   | -4.76      |         | ppb   |
| Potassium  | 39-2  | 15.09   | 8.14    | 16.92   | 13.38      | 34.63   | ppb   |
| Rhodium    | 103-1 |         |         |         |            |         | %     |
| Rhodium    | 103-2 |         |         |         |            |         | %     |
| Scandium   | 45-1  |         |         |         |            |         | %     |
| Scandium   | 45-2  |         |         |         |            |         | %     |
| Selenium   | 77-2  | 0.00    | 0.00    | 0.00    | 0.00       | N/A     | ppb   |
| Selenium   | 78-2  | -1.13   | -0.41   | 0.57    | -0.32      |         | ppb   |
| Selenium   | 82-1  | 0.26    | 0.26    | -0.10   | 0.14       | 146.92  | ppb   |
| Silicon    | 28-1  | 4.17    | 6.21    | 2.06    | 4.14       | 50.04   | ppb   |
| Silver     | 109-1 | 0.01    | 0.00    | 0.01    | 0.00       | 140.17  | ppb   |
| Silver     | 107-1 | 0.01    | 0.01    | 0.01    | 0.01       | 18.14   | ppb   |
| Sodium     | 23-2  | 18.57   | 16.01   | 19.72   | 18.10      | 10.51   | ppb   |
| Strontium  | 86-1  | 0.08    | -0.03   | -0.02   | 0.01       | 798.23  | ppb   |
| Strontium  | 88-1  | 0.00    | -0.01   | -0.01   | 0.00       |         | ppb   |
| Sulfur     | 34-1  | 437.66  | 995.27  | 439.18  | 624.04     | 51.52   | ppb   |
| Terbium    | 159-1 |         |         |         |            |         | %     |
| Terbium    | 159-2 |         |         |         |            |         | %     |
| Thallium   | 203-1 | -0.02   | -0.02   | -0.02   | -0.02      |         | ppb   |
| Thallium   | 205-1 | -0.02   | -0.01   | 0.00    | -0.01      |         | ppb   |
| Tin        | 118-1 | 0.00    | 0.08    | 0.02    | 0.04       | 122.05  | ppb   |
| Titanium   | 47-1  | 0.01    | -0.01   | 0.02    | 0.01       | 271.79  | ppb   |
| Uranium    | 238-1 | -0.07   | -0.07   | -0.06   | -0.07      |         | ppb   |
| Vanadium   | 51-2  | -0.02   | -0.03   | -0.03   | -0.03      |         | ppb   |
| Yttrium    | 89-1  |         |         |         |            |         | %     |
| Yttrium    | 89-2  |         |         |         |            |         | %     |
| Zinc       | 66-2  | 0.27    | 0.29    | 0.45    | 0.34       | 28.26   | ppb   |
| Zirconium  | 90-1  | 0.06    | 0.04    | 0.05    | 0.05       | 23.85   | ppb   |

|                         |                     |                   |                      |
|-------------------------|---------------------|-------------------|----------------------|
| LB Number :             | LB88853             | Operator :        | Jaswal               |
| Lab Sample ID :         | CCB35               | Instrumnet Name : | P7                   |
| Client Sample ID :      | CCB35               | Dilution Factor : | 1                    |
| Date & Time Acquired :: | 2017-07-19 17:22:39 | DataFile Name :   | 075CCBE_P7071917 -M: |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|-----------|------|---------|---------|---------|------------|---------|-------|
| Zirconium | 91-1 | 0.07    | 0.06    | 0.08    | 0.07       | 18.85   | ppb   |

|                         |                     |                   |                     |
|-------------------------|---------------------|-------------------|---------------------|
| LB Number :             | LB88853             | Operator :        | Jaswal              |
| Lab Sample ID :         | I4255-01DL2X250     | Instrumnet Name : | P7                  |
| Client Sample ID :      | MH0CC0              | Dilution Factor : | 250                 |
| Date & Time Acquired :: | 2017-07-19 17:26:08 | DataFile Name :   | 076SMPL_P7071917 -M |

| Parameter  | Mass  | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|------------|-------|---------|---------|---------|------------|---------|-------|
| Aluminium  | 27-2  | 0.60    | 0.43    | 0.35    | 0.46       | 27.53   | ppb   |
| Antimony   | 121-1 | 0.04    | 0.02    | 0.03    | 0.03       | 37.41   | ppb   |
| Arsenic    | 75-2  | -0.03   | 0.00    | 0.02    | 0.00       |         | ppb   |
| Barium     | 135-1 | 0.27    | 0.22    | 0.17    | 0.22       | 22.95   | ppb   |
| Barium     | 137-1 | 0.22    | 0.24    | 0.23    | 0.23       | 4.96    | ppb   |
| Beryllium  | 9-1   | -0.06   | -0.02   | -0.09   | -0.05      |         | ppb   |
| Bismuth    | 209-1 |         |         |         |            |         | %     |
| Bismuth    | 209-2 |         |         |         |            |         | %     |
| Boron      | 10-1  | 1.87    | 1.01    | 1.67    | 1.52       | 29.64   | ppb   |
| Boron      | 11-1  | 1.32    | 0.66    | 1.25    | 1.08       | 33.89   | ppb   |
| Cadmium    | 111-1 | -0.17   | -0.23   | -0.30   | -0.23      |         | ppb   |
| Cadmium    | 106-1 | -1.81   | -2.68   | -3.62   | -2.70      |         | ppb   |
| Cadmium    | 108-1 | -0.05   | -0.05   | -0.02   | -0.04      |         | ppb   |
| Calcium    | 43-1  | 953.95  | 936.33  | 906.32  | 932.20     | 2.58    | ppb   |
| Calcium    | 44-1  | 939.95  | 951.84  | 942.88  | 944.89     | 0.66    | ppb   |
| Chromium   | 52-2  | -0.04   | 0.01    | -0.03   | -0.02      |         | ppb   |
| Cobalt     | 59-2  | 0.24    | 0.23    | 0.29    | 0.25       | 12.21   | ppb   |
| Copper     | 63-2  | -0.11   | -0.13   | -0.13   | -0.12      |         | ppb   |
| Dysprosium | 156-1 |         |         |         |            |         | cps   |
| Dysprosium | 156-2 |         |         |         |            |         | cps   |
| Erbium     | 164-1 |         |         |         |            |         | cps   |
| Erbium     | 164-2 |         |         |         |            |         | cps   |
| Gadolinium | 160-1 |         |         |         |            |         | cps   |
| Gadolinium | 160-2 |         |         |         |            |         | cps   |
| Holmium    | 165-1 |         |         |         |            |         | %     |
| Holmium    | 165-2 |         |         |         |            |         | %     |
| Indium     | 115-1 |         |         |         |            |         | %     |
| Indium     | 115-2 |         |         |         |            |         | %     |
| Iron       | 56-2  | 14.01   | 13.44   | 14.64   | 14.03      | 4.28    | ppb   |
| Iron       | 57-2  | 13.63   | 19.68   | 17.38   | 16.90      | 18.05   | ppb   |
| Lead       | 206-1 | -0.07   | -0.09   | -0.07   | -0.08      |         | ppb   |
| Lead       | 207-1 | -0.06   | -0.04   | -0.06   | -0.05      |         | ppb   |
| Lead       | 208-1 | -0.06   | -0.06   | -0.06   | -0.06      |         | ppb   |
| Lithium    | 6-1   |         |         |         |            |         | %     |
| Magnesium  | 24-2  | 196.48  | 197.04  | 218.71  | 204.08     | 6.21    | ppb   |
| Manganese  | 55-2  | 253.29  | 251.29  | 273.10  | 259.23     | 4.65    | ppb   |

|                         |                     |                   |                     |
|-------------------------|---------------------|-------------------|---------------------|
| LB Number :             | LB88853             | Operator :        | Jaswal              |
| Lab Sample ID :         | I4255-01DL2X250     | Instrumnet Name : | P7                  |
| Client Sample ID :      | MH0CC0              | Dilution Factor : | 250                 |
| Date & Time Acquired :: | 2017-07-19 17:26:08 | DataFile Name :   | 076SMPL_P7071917 -M |

| Parameter  | Mass  | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|------------|-------|---------|---------|---------|------------|---------|-------|
| Molybdenum | 94-1  | 0.01    | 0.01    | 0.02    | 0.01       | 41.88   | ppb   |
| Molybdenum | 95-1  | -0.04   | -0.05   | -0.05   | -0.05      |         | ppb   |
| Molybdenum | 96-1  | -0.02   | -0.03   | -0.02   | -0.02      |         | ppb   |
| Molybdenum | 97-1  | -0.02   | -0.02   | -0.02   | -0.02      |         | ppb   |
| Molybdenum | 98-1  | -0.03   | -0.04   | -0.03   | -0.03      |         | ppb   |
| Neodymium  | 150-1 |         |         |         |            |         | cps   |
| Neodymium  | 150-2 |         |         |         |            |         | cps   |
| Nickel     | 60-2  | -0.18   | -0.31   | -0.18   | -0.22      |         | ppb   |
| Phosphorus | 31-2  | -13.56  | -8.43   | -5.66   | -9.22      |         | ppb   |
| Potassium  | 39-2  | 29.17   | 27.52   | 54.38   | 37.02      | 40.67   | ppb   |
| Rhodium    | 103-1 |         |         |         |            |         | %     |
| Rhodium    | 103-2 |         |         |         |            |         | %     |
| Scandium   | 45-1  |         |         |         |            |         | %     |
| Scandium   | 45-2  |         |         |         |            |         | %     |
| Selenium   | 77-2  | 0.00    | 0.73    | 0.00    | 0.24       | 173.21  | ppb   |
| Selenium   | 78-2  | -1.10   | -0.52   | -1.13   | -0.92      |         | ppb   |
| Selenium   | 82-1  | -0.77   | 0.67    | 0.55    | 0.15       | 535.15  | ppb   |
| Silicon    | 28-1  | 38.94   | 39.64   | 40.11   | 39.56      | 1.48    | ppb   |
| Silver     | 109-1 | 0.01    | 0.01    | 0.00    | 0.01       | 44.47   | ppb   |
| Silver     | 107-1 | 0.00    | 0.01    | 0.00    | 0.00       | 67.34   | ppb   |
| Sodium     | 23-2  | 88.23   | 84.87   | 92.63   | 88.58      | 4.39    | ppb   |
| Strontium  | 86-1  | 2.71    | 2.81    | 2.68    | 2.74       | 2.51    | ppb   |
| Strontium  | 88-1  | 2.84    | 2.78    | 2.70    | 2.78       | 2.51    | ppb   |
| Sulfur     | 34-1  | 1462.87 | 1348.29 | 1342.41 | 1384.52    | 4.91    | ppb   |
| Terbium    | 159-1 |         |         |         |            |         | %     |
| Terbium    | 159-2 |         |         |         |            |         | %     |
| Thallium   | 203-1 | -0.02   | -0.01   | -0.02   | -0.02      |         | ppb   |
| Thallium   | 205-1 | -0.02   | -0.01   | -0.02   | -0.02      |         | ppb   |
| Tin        | 118-1 | -0.02   | -0.01   | -0.03   | -0.02      |         | ppb   |
| Titanium   | 47-1  | 0.09    | 0.04    | -0.03   | 0.04       | 167.19  | ppb   |
| Uranium    | 238-1 | -0.07   | -0.07   | -0.06   | -0.07      |         | ppb   |
| Vanadium   | 51-2  | -0.03   | -0.02   | -0.03   | -0.03      |         | ppb   |
| Yttrium    | 89-1  |         |         |         |            |         | %     |
| Yttrium    | 89-2  |         |         |         |            |         | %     |
| Zinc       | 66-2  | 36.09   | 35.04   | 37.17   | 36.10      | 2.95    | ppb   |
| Zirconium  | 90-1  | 0.03    | 0.03    | 0.03    | 0.03       | 4.58    | ppb   |

|                         |                     |                   |                     |
|-------------------------|---------------------|-------------------|---------------------|
| LB Number :             | LB88853             | Operator :        | Jaswal              |
| Lab Sample ID :         | I4255-01DL2X250     | Instrumnet Name : | P7                  |
| Client Sample ID :      | MH0CC0              | Dilution Factor : | 250                 |
| Date & Time Acquired :: | 2017-07-19 17:26:08 | DataFile Name :   | 076SMPL_P7071917 -M |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|-----------|------|---------|---------|---------|------------|---------|-------|
| Zirconium | 91-1 | 0.04    | 0.03    | 0.01    | 0.03       | 49.98   | ppb   |

|                         |                     |                   |                     |
|-------------------------|---------------------|-------------------|---------------------|
| LB Number :             | LB88853             | Operator :        | Jaswal              |
| Lab Sample ID :         | I4255-02DL2X250     | Instrumnet Name : | P7                  |
| Client Sample ID :      | MH0CC1              | Dilution Factor : | 250                 |
| Date & Time Acquired :: | 2017-07-19 17:29:37 | DataFile Name :   | 077SMPL_P7071917 -M |

| Parameter  | Mass  | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|------------|-------|---------|---------|---------|------------|---------|-------|
| Aluminium  | 27-2  | 68.54   | 66.83   | 65.31   | 66.89      | 2.41    | ppb   |
| Antimony   | 121-1 | 0.02    | 0.03    | 0.03    | 0.03       | 9.55    | ppb   |
| Arsenic    | 75-2  | 0.81    | 1.01    | 0.93    | 0.92       | 11.22   | ppb   |
| Barium     | 135-1 | -0.04   | -0.04   | -0.01   | -0.03      |         | ppb   |
| Barium     | 137-1 | 0.01    | -0.01   | 0.00    | 0.00       |         | ppb   |
| Beryllium  | 9-1   | -0.05   | 0.01    | -0.02   | -0.02      |         | ppb   |
| Bismuth    | 209-1 |         |         |         |            |         | %     |
| Bismuth    | 209-2 |         |         |         |            |         | %     |
| Boron      | 10-1  | 0.49    | 0.74    | 2.16    | 1.13       | 79.91   | ppb   |
| Boron      | 11-1  | 0.87    | 0.86    | 0.91    | 0.88       | 3.28    | ppb   |
| Cadmium    | 111-1 | 1.86    | 1.83    | 1.91    | 1.87       | 1.93    | ppb   |
| Cadmium    | 106-1 | -1.33   | 0.30    | -0.13   | -0.39      |         | ppb   |
| Cadmium    | 108-1 | 1.76    | 1.58    | 2.00    | 1.78       | 11.84   | ppb   |
| Calcium    | 43-1  | 974.63  | 1006.60 | 1028.54 | 1003.25    | 2.70    | ppb   |
| Calcium    | 44-1  | 1023.58 | 995.26  | 1001.84 | 1006.90    | 1.47    | ppb   |
| Chromium   | 52-2  | 0.00    | 0.00    | 0.01    | 0.01       | 112.01  | ppb   |
| Cobalt     | 59-2  | 2.89    | 2.95    | 3.01    | 2.95       | 2.07    | ppb   |
| Copper     | 63-2  | 18.87   | 18.72   | 19.05   | 18.88      | 0.89    | 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  | 125.36  | 124.31  | 126.92  | 125.53     | 1.04    | ppb   |
| Iron       | 57-2  | 122.48  | 124.67  | 127.83  | 125.00     | 2.16    | ppb   |
| Lead       | 206-1 | 0.07    | 0.11    | 0.06    | 0.08       | 28.71   | ppb   |
| Lead       | 207-1 | 0.05    | 0.06    | 0.08    | 0.06       | 27.84   | ppb   |
| Lead       | 208-1 | 0.06    | 0.08    | 0.07    | 0.07       | 15.18   | ppb   |
| Lithium    | 6-1   |         |         |         |            |         | %     |
| Magnesium  | 24-2  | 416.46  | 418.29  | 420.16  | 418.30     | 0.44    | ppb   |
| Manganese  | 55-2  | 538.93  | 539.00  | 549.10  | 542.34     | 1.08    | ppb   |

|                         |                     |                   |                     |
|-------------------------|---------------------|-------------------|---------------------|
| LB Number :             | LB88853             | Operator :        | Jaswal              |
| Lab Sample ID :         | I4255-02DL2X250     | Instrumnet Name : | P7                  |
| Client Sample ID :      | MH0CC1              | Dilution Factor : | 250                 |
| Date & Time Acquired :: | 2017-07-19 17:29:37 | DataFile Name :   | 077SMPL_P7071917 -M |

| Parameter  | Mass  | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|------------|-------|---------|---------|---------|------------|---------|-------|
| Molybdenum | 94-1  | 0.02    | 0.01    | 0.02    | 0.01       | 52.99   | ppb   |
| Molybdenum | 95-1  | -0.04   | -0.04   | -0.04   | -0.04      |         | ppb   |
| Molybdenum | 96-1  | -0.03   | -0.03   | -0.03   | -0.03      |         | ppb   |
| Molybdenum | 97-1  | -0.03   | -0.01   | -0.02   | -0.02      |         | ppb   |
| Molybdenum | 98-1  | -0.04   | -0.04   | -0.04   | -0.04      |         | ppb   |
| Neodymium  | 150-1 |         |         |         |            |         | cps   |
| Neodymium  | 150-2 |         |         |         |            |         | cps   |
| Nickel     | 60-2  | 0.60    | 0.74    | 0.64    | 0.66       | 11.19   | ppb   |
| Phosphorus | 31-2  | -18.59  | 13.70   | -6.60   | -3.83      |         | ppb   |
| Potassium  | 39-2  | 45.35   | 42.43   | 57.00   | 48.26      | 15.98   | ppb   |
| Rhodium    | 103-1 |         |         |         |            |         | %     |
| Rhodium    | 103-2 |         |         |         |            |         | %     |
| Scandium   | 45-1  |         |         |         |            |         | %     |
| Scandium   | 45-2  |         |         |         |            |         | %     |
| Selenium   | 77-2  | 1.47    | 1.47    | 1.48    | 1.47       | 0.26    | ppb   |
| Selenium   | 78-2  | -1.22   | -1.46   | 0.27    | -0.80      |         | ppb   |
| Selenium   | 82-1  | 0.14    | 0.02    | 0.89    | 0.35       | 135.66  | ppb   |
| Silicon    | 28-1  | 31.59   | 31.22   | 32.51   | 31.77      | 2.09    | ppb   |
| Silver     | 109-1 | 0.00    | 0.00    | 0.00    | 0.00       | 36.10   | ppb   |
| Silver     | 107-1 | 0.01    | 0.01    | 0.00    | 0.01       | 53.99   | ppb   |
| Sodium     | 23-2  | 151.76  | 153.65  | 157.67  | 154.36     | 1.96    | ppb   |
| Strontium  | 86-1  | 3.55    | 3.73    | 3.76    | 3.68       | 3.02    | ppb   |
| Strontium  | 88-1  | 3.63    | 3.71    | 3.74    | 3.69       | 1.56    | ppb   |
| Sulfur     | 34-1  | 2415.08 | 2429.15 | 2491.23 | 2445.15    | 1.66    | ppb   |
| Terbium    | 159-1 |         |         |         |            |         | %     |
| Terbium    | 159-2 |         |         |         |            |         | %     |
| Thallium   | 203-1 | -0.02   | -0.01   | -0.03   | -0.02      |         | ppb   |
| Thallium   | 205-1 | -0.01   | -0.01   | -0.02   | -0.02      |         | ppb   |
| Tin        | 118-1 | 0.01    | 0.00    | -0.03   | -0.01      |         | ppb   |
| Titanium   | 47-1  | -0.01   | 0.07    | -0.02   | 0.01       | 325.95  | ppb   |
| Uranium    | 238-1 | 0.30    | 0.31    | 0.30    | 0.30       | 2.05    | ppb   |
| Vanadium   | 51-2  | -0.03   | -0.03   | -0.02   | -0.03      |         | ppb   |
| Yttrium    | 89-1  |         |         |         |            |         | %     |
| Yttrium    | 89-2  |         |         |         |            |         | %     |
| Zinc       | 66-2  | 449.83  | 452.01  | 456.66  | 452.84     | 0.77    | ppb   |
| Zirconium  | 90-1  | 0.03    | 0.02    | 0.02    | 0.02       | 28.74   | ppb   |



|                         |                     |                   |                     |
|-------------------------|---------------------|-------------------|---------------------|
| LB Number :             | LB88853             | Operator :        | Jaswal              |
| Lab Sample ID :         | I4255-02DL2X250     | Instrumnet Name : | P7                  |
| Client Sample ID :      | MH0CC1              | Dilution Factor : | 250                 |
| Date & Time Acquired :: | 2017-07-19 17:29:37 | DataFile Name :   | 077SMPL_P7071917 -M |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|-----------|------|---------|---------|---------|------------|---------|-------|
| Zirconium | 91-1 | 0.03    | 0.04    | 0.05    | 0.04       | 26.16   | ppb   |

|                         |                     |                   |                     |
|-------------------------|---------------------|-------------------|---------------------|
| LB Number :             | LB88853             | Operator :        | Jaswal              |
| Lab Sample ID :         | I4255-03DL2X250     | Instrumnet Name : | P7                  |
| Client Sample ID :      | MH0CC4              | Dilution Factor : | 250                 |
| Date & Time Acquired :: | 2017-07-19 17:33:06 | DataFile Name :   | 078SMPL_P7071917 -M |

| Parameter  | Mass  | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|------------|-------|---------|---------|---------|------------|---------|-------|
| Aluminium  | 27-2  | 163.44  | 163.77  | 165.73  | 164.31     | 0.75    | ppb   |
| Antimony   | 121-1 | 0.05    | 0.04    | 0.05    | 0.05       | 11.08   | ppb   |
| Arsenic    | 75-2  | 2.45    | 2.76    | 2.80    | 2.67       | 7.11    | ppb   |
| Barium     | 135-1 | -0.02   | -0.02   | -0.01   | -0.01      |         | ppb   |
| Barium     | 137-1 | 0.04    | 0.03    | 0.06    | 0.05       | 37.88   | ppb   |
| Beryllium  | 9-1   | 0.01    | -0.03   | -0.05   | -0.02      |         | ppb   |
| Bismuth    | 209-1 |         |         |         |            |         | %     |
| Bismuth    | 209-2 |         |         |         |            |         | %     |
| Boron      | 10-1  | 1.06    | 0.76    | 1.16    | 0.99       | 21.35   | ppb   |
| Boron      | 11-1  | 0.80    | 0.76    | 0.83    | 0.80       | 4.54    | ppb   |
| Cadmium    | 111-1 | 0.75    | 0.64    | 0.69    | 0.69       | 7.66    | ppb   |
| Cadmium    | 106-1 | -2.13   | -2.01   | -2.16   | -2.10      |         | ppb   |
| Cadmium    | 108-1 | 1.09    | 0.90    | 0.76    | 0.92       | 18.32   | ppb   |
| Calcium    | 43-1  | 483.83  | 468.19  | 483.81  | 478.61     | 1.89    | ppb   |
| Calcium    | 44-1  | 448.31  | 473.22  | 457.52  | 459.68     | 2.74    | ppb   |
| Chromium   | 52-2  | 0.00    | 0.05    | -0.01   | 0.02       | 188.05  | ppb   |
| Cobalt     | 59-2  | 0.51    | 0.48    | 0.48    | 0.49       | 3.16    | ppb   |
| Copper     | 63-2  | 7.40    | 7.03    | 7.20    | 7.21       | 2.57    | 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  | 38.10   | 38.47   | 38.54   | 38.37      | 0.61    | ppb   |
| Iron       | 57-2  | 38.31   | 42.04   | 36.02   | 38.79      | 7.83    | ppb   |
| Lead       | 206-1 | 0.45    | 0.50    | 0.50    | 0.48       | 6.37    | ppb   |
| Lead       | 207-1 | 0.44    | 0.50    | 0.43    | 0.46       | 8.40    | ppb   |
| Lead       | 208-1 | 0.46    | 0.50    | 0.46    | 0.47       | 5.44    | ppb   |
| Lithium    | 6-1   |         |         |         |            |         | %     |
| Magnesium  | 24-2  | 205.07  | 203.65  | 197.71  | 202.14     | 1.93    | ppb   |
| Manganese  | 55-2  | 262.56  | 262.72  | 263.92  | 263.07     | 0.28    | ppb   |

|                         |                     |                   |                     |
|-------------------------|---------------------|-------------------|---------------------|
| LB Number :             | LB88853             | Operator :        | Jaswal              |
| Lab Sample ID :         | I4255-03DL2X250     | Instrumnet Name : | P7                  |
| Client Sample ID :      | MH0CC4              | Dilution Factor : | 250                 |
| Date & Time Acquired :: | 2017-07-19 17:33:06 | DataFile Name :   | 078SMPL_P7071917 -M |

| Parameter  | Mass  | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|------------|-------|---------|---------|---------|------------|---------|-------|
| Molybdenum | 94-1  | 0.02    | 0.00    | 0.01    | 0.01       | 127.40  | ppb   |
| Molybdenum | 95-1  | -0.05   | -0.04   | -0.04   | -0.05      |         | ppb   |
| Molybdenum | 96-1  | -0.02   | -0.01   | -0.01   | -0.02      |         | ppb   |
| Molybdenum | 97-1  | -0.04   | -0.02   | -0.02   | -0.02      |         | ppb   |
| Molybdenum | 98-1  | -0.03   | -0.04   | -0.04   | -0.04      |         | ppb   |
| Neodymium  | 150-1 |         |         |         |            |         | cps   |
| Neodymium  | 150-2 |         |         |         |            |         | cps   |
| Nickel     | 60-2  | -0.01   | 0.04    | 0.07    | 0.03       | 121.80  | ppb   |
| Phosphorus | 31-2  | -6.94   | -12.81  | 16.29   | -1.15      |         | ppb   |
| Potassium  | 39-2  | 32.11   | 24.92   | 32.27   | 29.77      | 14.11   | ppb   |
| Rhodium    | 103-1 |         |         |         |            |         | %     |
| Rhodium    | 103-2 |         |         |         |            |         | %     |
| Scandium   | 45-1  |         |         |         |            |         | %     |
| Scandium   | 45-2  |         |         |         |            |         | %     |
| Selenium   | 77-2  | 3.68    | 2.22    | 0.74    | 2.21       | 66.56   | ppb   |
| Selenium   | 78-2  | -0.36   | 0.65    | -0.97   | -0.22      |         | ppb   |
| Selenium   | 82-1  | 0.09    | -0.31   | 0.82    | 0.20       | 287.39  | ppb   |
| Silicon    | 28-1  | 42.25   | 44.75   | 41.66   | 42.89      | 3.83    | ppb   |
| Silver     | 109-1 | 0.00    | 0.01    | 0.00    | 0.00       | 176.83  | ppb   |
| Silver     | 107-1 | 0.01    | 0.01    | 0.00    | 0.01       | 84.07   | ppb   |
| Sodium     | 23-2  | 79.09   | 73.95   | 82.27   | 78.44      | 5.35    | ppb   |
| Strontium  | 86-1  | 1.44    | 1.40    | 1.51    | 1.45       | 3.75    | ppb   |
| Strontium  | 88-1  | 1.44    | 1.44    | 1.38    | 1.42       | 2.72    | ppb   |
| Sulfur     | 34-1  | 1564.83 | 1981.32 | 1585.47 | 1710.54    | 13.72   | ppb   |
| Terbium    | 159-1 |         |         |         |            |         | %     |
| Terbium    | 159-2 |         |         |         |            |         | %     |
| Thallium   | 203-1 | -0.03   | -0.01   | -0.01   | -0.02      |         | ppb   |
| Thallium   | 205-1 | -0.02   | -0.01   | -0.02   | -0.01      |         | ppb   |
| Tin        | 118-1 | 0.00    | 0.01    | 0.01    | 0.01       | 65.35   | ppb   |
| Titanium   | 47-1  | 0.06    | 0.05    | 0.04    | 0.05       | 20.77   | ppb   |
| Uranium    | 238-1 | 0.30    | 0.30    | 0.31    | 0.30       | 2.01    | ppb   |
| Vanadium   | 51-2  | -0.02   | -0.03   | -0.03   | -0.03      |         | ppb   |
| Yttrium    | 89-1  |         |         |         |            |         | %     |
| Yttrium    | 89-2  |         |         |         |            |         | %     |
| Zinc       | 66-2  | 148.55  | 146.93  | 146.18  | 147.22     | 0.82    | ppb   |
| Zirconium  | 90-1  | 0.02    | 0.03    | 0.04    | 0.03       | 31.26   | ppb   |

|                         |                     |                   |                     |
|-------------------------|---------------------|-------------------|---------------------|
| LB Number :             | LB88853             | Operator :        | Jaswal              |
| Lab Sample ID :         | I4255-03DL2X250     | Instrumnet Name : | P7                  |
| Client Sample ID :      | MH0CC4              | Dilution Factor : | 250                 |
| Date & Time Acquired :: | 2017-07-19 17:33:06 | DataFile Name :   | 078SMPL_P7071917 -M |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|-----------|------|---------|---------|---------|------------|---------|-------|
| Zirconium | 91-1 | 0.06    | 0.05    | 0.04    | 0.05       | 19.90   | ppb   |

|                         |                     |                   |                     |
|-------------------------|---------------------|-------------------|---------------------|
| LB Number :             | LB88853             | Operator :        | Jaswal              |
| Lab Sample ID :         | I4255-04DL2X250     | Instrumnet Name : | P7                  |
| Client Sample ID :      | MH0CC4D             | Dilution Factor : | 250                 |
| Date & Time Acquired :: | 2017-07-19 17:36:35 | DataFile Name :   | 079SMPL_P7071917 -M |

| Parameter  | Mass  | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|------------|-------|---------|---------|---------|------------|---------|-------|
| Aluminium  | 27-2  | 170.94  | 165.12  | 155.66  | 163.91     | 4.70    | ppb   |
| Antimony   | 121-1 | 0.03    | 0.03    | 0.04    | 0.03       | 20.97   | ppb   |
| Arsenic    | 75-2  | 2.97    | 2.63    | 2.57    | 2.72       | 7.96    | ppb   |
| Barium     | 135-1 | 0.02    | -0.01   | -0.01   | 0.00       |         | ppb   |
| Barium     | 137-1 | 0.03    | 0.01    | 0.00    | 0.01       | 133.09  | ppb   |
| Beryllium  | 9-1   | -0.03   | 0.06    | -0.01   | 0.01       | 525.22  | ppb   |
| Bismuth    | 209-1 |         |         |         |            |         | %     |
| Bismuth    | 209-2 |         |         |         |            |         | %     |
| Boron      | 10-1  | 0.83    | 0.41    | 0.75    | 0.66       | 33.68   | ppb   |
| Boron      | 11-1  | 0.85    | 0.42    | 0.91    | 0.73       | 36.34   | ppb   |
| Cadmium    | 111-1 | 0.74    | 0.62    | 0.70    | 0.68       | 9.04    | ppb   |
| Cadmium    | 106-1 | -1.18   | -1.99   | -2.25   | -1.81      |         | ppb   |
| Cadmium    | 108-1 | 1.16    | 0.92    | 0.77    | 0.95       | 20.61   | ppb   |
| Calcium    | 43-1  | 456.49  | 501.01  | 452.24  | 469.91     | 5.75    | ppb   |
| Calcium    | 44-1  | 455.84  | 466.55  | 455.15  | 459.18     | 1.39    | ppb   |
| Chromium   | 52-2  | 0.04    | -0.02   | 0.00    | 0.01       | 526.86  | ppb   |
| Cobalt     | 59-2  | 0.47    | 0.48    | 0.48    | 0.48       | 1.88    | ppb   |
| Copper     | 63-2  | 7.32    | 7.31    | 7.02    | 7.21       | 2.32    | ppb   |
| Dysprosium | 156-1 |         |         |         |            |         | cps   |
| Dysprosium | 156-2 |         |         |         |            |         | cps   |
| Erbium     | 164-1 |         |         |         |            |         | cps   |
| Erbium     | 164-2 |         |         |         |            |         | cps   |
| Gadolinium | 160-1 |         |         |         |            |         | cps   |
| Gadolinium | 160-2 |         |         |         |            |         | cps   |
| Holmium    | 165-1 |         |         |         |            |         | %     |
| Holmium    | 165-2 |         |         |         |            |         | %     |
| Indium     | 115-1 |         |         |         |            |         | %     |
| Indium     | 115-2 |         |         |         |            |         | %     |
| Iron       | 56-2  | 38.15   | 38.46   | 37.87   | 38.16      | 0.77    | ppb   |
| Iron       | 57-2  | 44.26   | 42.00   | 39.21   | 41.82      | 6.05    | ppb   |
| Lead       | 206-1 | 0.46    | 0.47    | 0.49    | 0.48       | 3.59    | ppb   |
| Lead       | 207-1 | 0.47    | 0.43    | 0.46    | 0.45       | 4.78    | ppb   |
| Lead       | 208-1 | 0.47    | 0.46    | 0.48    | 0.47       | 2.34    | ppb   |
| Lithium    | 6-1   |         |         |         |            |         | %     |
| Magnesium  | 24-2  | 206.74  | 199.75  | 195.62  | 200.70     | 2.80    | ppb   |
| Manganese  | 55-2  | 269.73  | 269.32  | 261.19  | 266.75     | 1.80    | ppb   |

|                         |                     |                   |                     |
|-------------------------|---------------------|-------------------|---------------------|
| LB Number :             | LB88853             | Operator :        | Jaswal              |
| Lab Sample ID :         | I4255-04DL2X250     | Instrumnet Name : | P7                  |
| Client Sample ID :      | MH0CC4D             | Dilution Factor : | 250                 |
| Date & Time Acquired :: | 2017-07-19 17:36:35 | DataFile Name :   | 079SMPL_P7071917 -M |

| Parameter  | Mass  | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|------------|-------|---------|---------|---------|------------|---------|-------|
| Molybdenum | 94-1  | 0.01    | 0.01    | 0.01    | 0.01       | 37.11   | ppb   |
| Molybdenum | 95-1  | -0.04   | -0.05   | -0.04   | -0.04      |         | ppb   |
| Molybdenum | 96-1  | -0.03   | -0.02   | -0.03   | -0.03      |         | ppb   |
| Molybdenum | 97-1  | -0.03   | -0.03   | -0.02   | -0.03      |         | ppb   |
| Molybdenum | 98-1  | -0.04   | -0.04   | -0.04   | -0.04      |         | ppb   |
| Neodymium  | 150-1 |         |         |         |            |         | cps   |
| Neodymium  | 150-2 |         |         |         |            |         | cps   |
| Nickel     | 60-2  | 0.08    | 0.01    | 0.01    | 0.04       | 112.70  | ppb   |
| Phosphorus | 31-2  | -18.47  | -3.91   | -27.76  | -16.71     |         | ppb   |
| Potassium  | 39-2  | 31.26   | 30.69   | 27.02   | 29.66      | 7.76    | ppb   |
| Rhodium    | 103-1 |         |         |         |            |         | %     |
| Rhodium    | 103-2 |         |         |         |            |         | %     |
| Scandium   | 45-1  |         |         |         |            |         | %     |
| Scandium   | 45-2  |         |         |         |            |         | %     |
| Selenium   | 77-2  | 2.24    | 0.00    | 2.18    | 1.47       | 86.62   | ppb   |
| Selenium   | 78-2  | -0.42   | -1.94   | 0.21    | -0.72      |         | ppb   |
| Selenium   | 82-1  | 0.07    | 0.79    | 0.72    | 0.53       | 74.86   | ppb   |
| Silicon    | 28-1  | 42.88   | 42.55   | 42.57   | 42.67      | 0.44    | ppb   |
| Silver     | 109-1 | 0.00    | 0.01    | 0.01    | 0.01       | 27.90   | ppb   |
| Silver     | 107-1 | 0.01    | 0.00    | 0.00    | 0.00       | 128.45  | ppb   |
| Sodium     | 23-2  | 78.19   | 78.14   | 71.03   | 75.79      | 5.43    | ppb   |
| Strontium  | 86-1  | 1.49    | 1.27    | 1.44    | 1.40       | 8.43    | ppb   |
| Strontium  | 88-1  | 1.43    | 1.44    | 1.43    | 1.44       | 0.45    | ppb   |
| Sulfur     | 34-1  | 1673.60 | 1860.80 | 1557.76 | 1697.39    | 9.01    | ppb   |
| Terbium    | 159-1 |         |         |         |            |         | %     |
| Terbium    | 159-2 |         |         |         |            |         | %     |
| Thallium   | 203-1 | -0.02   | -0.02   | -0.01   | -0.01      |         | ppb   |
| Thallium   | 205-1 | -0.01   | -0.02   | -0.02   | -0.02      |         | ppb   |
| Tin        | 118-1 | 0.01    | -0.03   | -0.04   | -0.02      |         | ppb   |
| Titanium   | 47-1  | 0.03    | 0.04    | 0.05    | 0.04       | 25.29   | ppb   |
| Uranium    | 238-1 | 0.30    | 0.31    | 0.31    | 0.31       | 2.00    | ppb   |
| Vanadium   | 51-2  | -0.03   | -0.02   | -0.03   | -0.03      |         | ppb   |
| Yttrium    | 89-1  |         |         |         |            |         | %     |
| Yttrium    | 89-2  |         |         |         |            |         | %     |
| Zinc       | 66-2  | 150.36  | 149.90  | 143.46  | 147.91     | 2.61    | ppb   |
| Zirconium  | 90-1  | 0.02    | 0.01    | 0.01    | 0.01       | 50.98   | ppb   |

|                         |                     |                   |                     |
|-------------------------|---------------------|-------------------|---------------------|
| LB Number :             | LB88853             | Operator :        | Jaswal              |
| Lab Sample ID :         | I4255-04DL2X250     | Instrumnet Name : | P7                  |
| Client Sample ID :      | MH0CC4D             | Dilution Factor : | 250                 |
| Date & Time Acquired :: | 2017-07-19 17:36:35 | DataFile Name :   | 079SMPL_P7071917 -M |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|-----------|------|---------|---------|---------|------------|---------|-------|
| Zirconium | 91-1 | 0.02    | 0.02    | 0.02    | 0.02       | 24.20   | ppb   |

|                         |                     |                   |                     |
|-------------------------|---------------------|-------------------|---------------------|
| LB Number :             | LB88853             | Operator :        | Jaswal              |
| Lab Sample ID :         | I4255-03LDL2X1250   | Instrumnet Name : | P7                  |
| Client Sample ID :      | MH0CC4L             | Dilution Factor : | 1250                |
| Date & Time Acquired :: | 2017-07-19 17:40:04 | DataFile Name :   | 080SMPL_P7071917 -M |

| Parameter  | Mass  | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|------------|-------|---------|---------|---------|------------|---------|-------|
| Aluminium  | 27-2  | 32.14   | 30.11   | 37.21   | 33.15      | 11.03   | ppb   |
| Antimony   | 121-1 | 0.03    | 0.02    | 0.03    | 0.03       | 26.34   | ppb   |
| Arsenic    | 75-2  | 0.54    | 0.51    | 0.28    | 0.44       | 31.88   | ppb   |
| Barium     | 135-1 | -0.05   | -0.07   | -0.05   | -0.06      |         | ppb   |
| Barium     | 137-1 | -0.03   | -0.02   | -0.01   | -0.02      |         | ppb   |
| Beryllium  | 9-1   | -0.07   | -0.08   | -0.05   | -0.07      |         | ppb   |
| Bismuth    | 209-1 |         |         |         |            |         | %     |
| Bismuth    | 209-2 |         |         |         |            |         | %     |
| Boron      | 10-1  | 0.52    | 0.92    | 0.67    | 0.70       | 28.74   | ppb   |
| Boron      | 11-1  | 0.68    | 0.94    | 0.52    | 0.71       | 30.14   | ppb   |
| Cadmium    | 111-1 | 0.02    | -0.03   | -0.08   | -0.03      |         | ppb   |
| Cadmium    | 106-1 | -1.71   | -1.88   | -3.18   | -2.26      |         | ppb   |
| Cadmium    | 108-1 | 0.08    | 0.14    | 0.02    | 0.08       | 76.88   | ppb   |
| Calcium    | 43-1  | 103.62  | 107.11  | 112.93  | 107.89     | 4.36    | ppb   |
| Calcium    | 44-1  | 98.32   | 93.39   | 89.68   | 93.79      | 4.62    | ppb   |
| Chromium   | 52-2  | -0.03   | 0.00    | 0.04    | 0.00       | 799.05  | ppb   |
| Cobalt     | 59-2  | 0.05    | 0.04    | 0.06    | 0.05       | 19.19   | ppb   |
| Copper     | 63-2  | 1.35    | 1.40    | 1.38    | 1.38       | 1.77    | 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  | 8.25    | 7.85    | 8.21    | 8.10       | 2.71    | ppb   |
| Iron       | 57-2  | 7.89    | 8.39    | 8.73    | 8.33       | 5.07    | ppb   |
| Lead       | 206-1 | 0.05    | 0.04    | 0.04    | 0.04       | 13.65   | ppb   |
| Lead       | 207-1 | 0.05    | 0.02    | 0.02    | 0.03       | 48.23   | ppb   |
| Lead       | 208-1 | 0.05    | 0.03    | 0.03    | 0.04       | 36.95   | ppb   |
| Lithium    | 6-1   |         |         |         |            |         | %     |
| Magnesium  | 24-2  | 41.50   | 38.88   | 42.54   | 40.97      | 4.60    | ppb   |
| Manganese  | 55-2  | 51.50   | 52.43   | 53.87   | 52.60      | 2.27    | ppb   |



|                         |                     |                   |                     |
|-------------------------|---------------------|-------------------|---------------------|
| LB Number :             | LB88853             | Operator :        | Jaswal              |
| Lab Sample ID :         | I4255-03LDL2X1250   | Instrumnet Name : | P7                  |
| Client Sample ID :      | MH0CC4L             | Dilution Factor : | 1250                |
| Date & Time Acquired :: | 2017-07-19 17:40:04 | DataFile Name :   | 080SMPL_P7071917 -M |

| Parameter  | Mass  | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|------------|-------|---------|---------|---------|------------|---------|-------|
| Molybdenum | 94-1  | 0.01    | 0.00    | -0.01   | 0.00       | 552.77  | ppb   |
| Molybdenum | 95-1  | -0.05   | -0.05   | -0.06   | -0.05      |         | ppb   |
| Molybdenum | 96-1  | -0.03   | -0.02   | -0.02   | -0.02      |         | ppb   |
| Molybdenum | 97-1  | -0.02   | -0.03   | -0.02   | -0.03      |         | ppb   |
| Molybdenum | 98-1  | -0.04   | -0.04   | -0.04   | -0.04      |         | ppb   |
| Neodymium  | 150-1 |         |         |         |            |         | cps   |
| Neodymium  | 150-2 |         |         |         |            |         | cps   |
| Nickel     | 60-2  | -0.30   | -0.24   | -0.32   | -0.29      |         | ppb   |
| Phosphorus | 31-2  | -18.25  | -11.91  | 12.50   | -5.89      |         | ppb   |
| Potassium  | 39-2  | 14.09   | 20.34   | 28.84   | 21.09      | 35.11   | ppb   |
| Rhodium    | 103-1 |         |         |         |            |         | %     |
| Rhodium    | 103-2 |         |         |         |            |         | %     |
| Scandium   | 45-1  |         |         |         |            |         | %     |
| Scandium   | 45-2  |         |         |         |            |         | %     |
| Selenium   | 77-2  | 0.77    | 0.00    | 0.00    | 0.26       | 173.21  | ppb   |
| Selenium   | 78-2  | -0.31   | -1.51   | 0.03    | -0.60      |         | ppb   |
| Selenium   | 82-1  | 0.89    | 0.38    | 0.76    | 0.68       | 39.25   | ppb   |
| Silicon    | 28-1  | 9.87    | 6.59    | 5.77    | 7.41       | 29.24   | ppb   |
| Silver     | 109-1 | 0.01    | 0.01    | 0.00    | 0.00       | 51.38   | ppb   |
| Silver     | 107-1 | 0.00    | 0.02    | 0.00    | 0.01       | 145.88  | ppb   |
| Sodium     | 23-2  | 28.69   | 29.60   | 33.80   | 30.70      | 8.87    | ppb   |
| Strontium  | 86-1  | 0.41    | 0.33    | 0.31    | 0.35       | 15.91   | ppb   |
| Strontium  | 88-1  | 0.28    | 0.28    | 0.28    | 0.28       | 1.42    | ppb   |
| Sulfur     | 34-1  | 941.11  | 703.98  | 493.77  | 712.95     | 31.39   | ppb   |
| Terbium    | 159-1 |         |         |         |            |         | %     |
| Terbium    | 159-2 |         |         |         |            |         | %     |
| Thallium   | 203-1 | -0.02   | -0.01   | -0.01   | -0.01      |         | ppb   |
| Thallium   | 205-1 | -0.02   | -0.01   | -0.01   | -0.01      |         | ppb   |
| Tin        | 118-1 | -0.01   | 0.00    | 0.01    | 0.00       |         | ppb   |
| Titanium   | 47-1  | 0.00    | 0.08    | 0.09    | 0.06       | 94.36   | ppb   |
| Uranium    | 238-1 | 0.01    | 0.00    | 0.01    | 0.01       | 111.45  | ppb   |
| Vanadium   | 51-2  | -0.03   | -0.02   | -0.03   | -0.03      |         | ppb   |
| Yttrium    | 89-1  |         |         |         |            |         | %     |
| Yttrium    | 89-2  |         |         |         |            |         | %     |
| Zinc       | 66-2  | 28.85   | 29.70   | 30.31   | 29.62      | 2.48    | ppb   |
| Zirconium  | 90-1  | 0.01    | 0.01    | 0.01    | 0.01       | 7.25    | ppb   |

|                         |                     |                   |                     |
|-------------------------|---------------------|-------------------|---------------------|
| LB Number :             | LB88853             | Operator :        | Jaswal              |
| Lab Sample ID :         | I4255-03LDL2X1250   | Instrumnet Name : | P7                  |
| Client Sample ID :      | MH0CC4L             | Dilution Factor : | 1250                |
| Date & Time Acquired :: | 2017-07-19 17:40:04 | DataFile Name :   | 080SMPL_P7071917 -M |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|-----------|------|---------|---------|---------|------------|---------|-------|
| Zirconium | 91-1 | 0.01    | 0.01    | 0.03    | 0.02       | 80.79   | ppb   |

|                         |                     |                   |                     |
|-------------------------|---------------------|-------------------|---------------------|
| LB Number :             | LB88853             | Operator :        | Jaswal              |
| Lab Sample ID :         | I4255-05DL2X250     | Instrumnet Name : | P7                  |
| Client Sample ID :      | MH0CC4S             | Dilution Factor : | 250                 |
| Date & Time Acquired :: | 2017-07-19 17:43:32 | DataFile Name :   | 081SMPL_P7071917 -M |

| Parameter  | Mass  | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|------------|-------|---------|---------|---------|------------|---------|-------|
| Aluminium  | 27-2  | 180.26  | 170.19  | 184.63  | 178.36     | 4.15    | ppb   |
| Antimony   | 121-1 | 0.47    | 0.47    | 0.44    | 0.46       | 3.07    | ppb   |
| Arsenic    | 75-2  | 2.61    | 3.01    | 2.67    | 2.76       | 7.74    | ppb   |
| Barium     | 135-1 | 8.12    | 8.21    | 8.23    | 8.19       | 0.74    | ppb   |
| Barium     | 137-1 | 8.39    | 8.51    | 8.16    | 8.35       | 2.11    | ppb   |
| Beryllium  | 9-1   | 0.25    | 0.23    | 0.16    | 0.21       | 21.08   | ppb   |
| Bismuth    | 209-1 |         |         |         |            |         | %     |
| Bismuth    | 209-2 |         |         |         |            |         | %     |
| Boron      | 10-1  | 0.41    | -0.09   | 0.33    | 0.22       | 123.42  | ppb   |
| Boron      | 11-1  | 0.55    | 0.40    | 0.24    | 0.40       | 38.75   | ppb   |
| Cadmium    | 111-1 | 0.86    | 1.13    | 1.04    | 1.01       | 13.76   | ppb   |
| Cadmium    | 106-1 | -2.71   | -1.46   | -0.58   | -1.58      |         | ppb   |
| Cadmium    | 108-1 | 0.73    | 0.70    | 0.92    | 0.78       | 14.72   | ppb   |
| Calcium    | 43-1  | 489.37  | 468.38  | 473.09  | 476.95     | 2.31    | ppb   |
| Calcium    | 44-1  | 485.22  | 472.15  | 476.04  | 477.80     | 1.40    | ppb   |
| Chromium   | 52-2  | 0.95    | 0.90    | 0.98    | 0.94       | 4.51    | ppb   |
| Cobalt     | 59-2  | 2.86    | 2.77    | 2.88    | 2.84       | 2.01    | ppb   |
| Copper     | 63-2  | 8.61    | 8.39    | 9.04    | 8.68       | 3.83    | ppb   |
| Dysprosium | 156-1 |         |         |         |            |         | cps   |
| Dysprosium | 156-2 |         |         |         |            |         | cps   |
| Erbium     | 164-1 |         |         |         |            |         | cps   |
| Erbium     | 164-2 |         |         |         |            |         | cps   |
| Gadolinium | 160-1 |         |         |         |            |         | cps   |
| Gadolinium | 160-2 |         |         |         |            |         | cps   |
| Holmium    | 165-1 |         |         |         |            |         | %     |
| Holmium    | 165-2 |         |         |         |            |         | %     |
| Indium     | 115-1 |         |         |         |            |         | %     |
| Indium     | 115-2 |         |         |         |            |         | %     |
| Iron       | 56-2  | 45.05   | 43.72   | 46.46   | 45.08      | 3.03    | ppb   |
| Iron       | 57-2  | 46.02   | 47.69   | 49.82   | 47.84      | 3.98    | ppb   |
| Lead       | 206-1 | 0.60    | 0.61    | 0.58    | 0.60       | 2.56    | ppb   |
| Lead       | 207-1 | 0.53    | 0.53    | 0.52    | 0.53       | 0.54    | ppb   |
| Lead       | 208-1 | 0.56    | 0.57    | 0.56    | 0.56       | 1.33    | ppb   |
| Lithium    | 6-1   |         |         |         |            |         | %     |
| Magnesium  | 24-2  | 203.45  | 205.87  | 211.65  | 206.99     | 2.04    | ppb   |
| Manganese  | 55-2  | 280.24  | 271.89  | 285.82  | 279.32     | 2.51    | ppb   |

|                         |                     |                   |                     |
|-------------------------|---------------------|-------------------|---------------------|
| LB Number :             | LB88853             | Operator :        | Jaswal              |
| Lab Sample ID :         | I4255-05DL2X250     | Instrumnet Name : | P7                  |
| Client Sample ID :      | MH0CC4S             | Dilution Factor : | 250                 |
| Date & Time Acquired :: | 2017-07-19 17:43:32 | DataFile Name :   | 081SMPL_P7071917 -M |

| Parameter  | Mass  | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|------------|-------|---------|---------|---------|------------|---------|-------|
| Molybdenum | 94-1  | -0.01   | 0.03    | 0.02    | 0.01       | 136.15  | ppb   |
| Molybdenum | 95-1  | -0.05   | -0.06   | -0.05   | -0.05      |         | ppb   |
| Molybdenum | 96-1  | -0.02   | -0.02   | -0.02   | -0.02      |         | ppb   |
| Molybdenum | 97-1  | -0.02   | -0.04   | -0.03   | -0.03      |         | ppb   |
| Molybdenum | 98-1  | -0.04   | -0.04   | -0.04   | -0.04      |         | ppb   |
| Neodymium  | 150-1 |         |         |         |            |         | cps   |
| Neodymium  | 150-2 |         |         |         |            |         | cps   |
| Nickel     | 60-2  | 2.56    | 2.27    | 2.52    | 2.45       | 6.49    | ppb   |
| Phosphorus | 31-2  | -12.29  | -21.93  | -8.60   | -14.27     |         | ppb   |
| Potassium  | 39-2  | 31.39   | 22.09   | 36.05   | 29.84      | 23.82   | ppb   |
| Rhodium    | 103-1 |         |         |         |            |         | %     |
| Rhodium    | 103-2 |         |         |         |            |         | %     |
| Scandium   | 45-1  |         |         |         |            |         | %     |
| Scandium   | 45-2  |         |         |         |            |         | %     |
| Selenium   | 77-2  | 0.00    | 4.37    | 2.99    | 2.45       | 91.07   | ppb   |
| Selenium   | 78-2  | 1.21    | -0.51   | 0.33    | 0.34       | 251.66  | ppb   |
| Selenium   | 82-1  | 1.97    | 1.08    | 0.18    | 1.08       | 83.12   | ppb   |
| Silicon    | 28-1  | 45.42   | 42.90   | 42.55   | 43.62      | 3.59    | ppb   |
| Silver     | 109-1 | 0.22    | 0.19    | 0.22    | 0.21       | 6.36    | ppb   |
| Silver     | 107-1 | 0.19    | 0.17    | 0.19    | 0.18       | 6.23    | ppb   |
| Sodium     | 23-2  | 78.27   | 78.04   | 83.74   | 80.02      | 4.03    | ppb   |
| Strontium  | 86-1  | 1.37    | 1.39    | 1.44    | 1.40       | 2.62    | ppb   |
| Strontium  | 88-1  | 1.47    | 1.43    | 1.40    | 1.43       | 2.39    | ppb   |
| Sulfur     | 34-1  | 2000.32 | 1681.13 | 1701.60 | 1794.35    | 9.96    | ppb   |
| Terbium    | 159-1 |         |         |         |            |         | %     |
| Terbium    | 159-2 |         |         |         |            |         | %     |
| Thallium   | 203-1 | 0.20    | 0.16    | 0.17    | 0.18       | 11.28   | ppb   |
| Thallium   | 205-1 | 0.21    | 0.19    | 0.19    | 0.20       | 4.58    | ppb   |
| Tin        | 118-1 | 0.00    | -0.03   | -0.03   | -0.02      |         | ppb   |
| Titanium   | 47-1  | 0.09    | 0.04    | -0.06   | 0.02       | 313.43  | ppb   |
| Uranium    | 238-1 | 0.32    | 0.30    | 0.32    | 0.31       | 3.64    | ppb   |
| Vanadium   | 51-2  | 2.26    | 2.15    | 2.23    | 2.21       | 2.68    | ppb   |
| Yttrium    | 89-1  |         |         |         |            |         | %     |
| Yttrium    | 89-2  |         |         |         |            |         | %     |
| Zinc       | 66-2  | 159.31  | 148.61  | 163.66  | 157.19     | 4.92    | ppb   |
| Zirconium  | 90-1  | 0.02    | 0.02    | 0.02    | 0.02       | 14.59   | ppb   |

|                         |                     |                   |                     |
|-------------------------|---------------------|-------------------|---------------------|
| LB Number :             | LB88853             | Operator :        | Jaswal              |
| Lab Sample ID :         | I4255-05DL2X250     | Instrumnet Name : | P7                  |
| Client Sample ID :      | MH0CC4S             | Dilution Factor : | 250                 |
| Date & Time Acquired :: | 2017-07-19 17:43:32 | DataFile Name :   | 081SMPL_P7071917 -M |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|-----------|------|---------|---------|---------|------------|---------|-------|
| Zirconium | 91-1 | 0.04    | 0.04    | 0.02    | 0.04       | 27.70   | ppb   |

|                         |                     |                   |                     |
|-------------------------|---------------------|-------------------|---------------------|
| LB Number :             | LB88853             | Operator :        | Jaswal              |
| Lab Sample ID :         | I4255-06DL2X250     | Instrumnet Name : | P7                  |
| Client Sample ID :      | MH0CC6              | Dilution Factor : | 250                 |
| Date & Time Acquired :: | 2017-07-19 17:47:01 | DataFile Name :   | 082SMPL_P7071917 -M |

| Parameter  | Mass  | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|------------|-------|---------|---------|---------|------------|---------|-------|
| Aluminium  | 27-2  | 168.81  | 166.65  | 162.04  | 165.83     | 2.08    | ppb   |
| Antimony   | 121-1 | 0.06    | 0.06    | 0.06    | 0.06       | 4.85    | ppb   |
| Arsenic    | 75-2  | 12.57   | 11.93   | 12.28   | 12.26      | 2.64    | ppb   |
| Barium     | 135-1 | 0.25    | 0.34    | 0.24    | 0.28       | 18.94   | ppb   |
| Barium     | 137-1 | 0.37    | 0.39    | 0.38    | 0.38       | 2.47    | ppb   |
| Beryllium  | 9-1   | 0.01    | -0.03   | 0.01    | 0.00       |         | ppb   |
| Bismuth    | 209-1 |         |         |         |            |         | %     |
| Bismuth    | 209-2 |         |         |         |            |         | %     |
| Boron      | 10-1  | 0.73    | 0.58    | 1.01    | 0.77       | 28.25   | ppb   |
| Boron      | 11-1  | 0.33    | 0.72    | 0.35    | 0.46       | 47.27   | ppb   |
| Cadmium    | 111-1 | 3.53    | 3.42    | 3.54    | 3.49       | 1.98    | ppb   |
| Cadmium    | 106-1 | 0.39    | 0.32    | 0.38    | 0.36       | 11.17   | ppb   |
| Cadmium    | 108-1 | 3.27    | 3.47    | 3.56    | 3.44       | 4.36    | ppb   |
| Calcium    | 43-1  | 1963.78 | 1920.09 | 2057.45 | 1980.44    | 3.54    | ppb   |
| Calcium    | 44-1  | 1937.34 | 1966.85 | 1995.56 | 1966.58    | 1.48    | ppb   |
| Chromium   | 52-2  | 0.05    | 0.06    | 0.04    | 0.05       | 23.43   | ppb   |
| Cobalt     | 59-2  | 6.42    | 6.51    | 6.47    | 6.47       | 0.72    | ppb   |
| Copper     | 63-2  | 27.37   | 27.70   | 27.12   | 27.39      | 1.06    | ppb   |
| Dysprosium | 156-1 |         |         |         |            |         | cps   |
| Dysprosium | 156-2 |         |         |         |            |         | cps   |
| Erbium     | 164-1 |         |         |         |            |         | cps   |
| Erbium     | 164-2 |         |         |         |            |         | cps   |
| Gadolinium | 160-1 |         |         |         |            |         | cps   |
| Gadolinium | 160-2 |         |         |         |            |         | cps   |
| Holmium    | 165-1 |         |         |         |            |         | %     |
| Holmium    | 165-2 |         |         |         |            |         | %     |
| Indium     | 115-1 |         |         |         |            |         | %     |
| Indium     | 115-2 |         |         |         |            |         | %     |
| Iron       | 56-2  | 773.26  | 775.74  | 777.21  | 775.40     | 0.26    | ppb   |
| Iron       | 57-2  | 762.75  | 770.99  | 791.07  | 774.94     | 1.88    | ppb   |
| Lead       | 206-1 | 2.05    | 2.09    | 2.16    | 2.10       | 2.72    | ppb   |
| Lead       | 207-1 | 1.94    | 1.85    | 1.97    | 1.92       | 3.42    | ppb   |
| Lead       | 208-1 | 2.03    | 2.02    | 2.10    | 2.05       | 2.06    | ppb   |
| Lithium    | 6-1   |         |         |         |            |         | %     |
| Magnesium  | 24-2  | 795.80  | 804.93  | 803.14  | 801.29     | 0.60    | ppb   |
| Manganese  | 55-2  | 1003.71 | 1009.96 | 1016.69 | 1010.12    | 0.64    | ppb   |

|                         |                     |                   |                     |
|-------------------------|---------------------|-------------------|---------------------|
| LB Number :             | LB88853             | Operator :        | Jaswal              |
| Lab Sample ID :         | I4255-06DL2X250     | Instrumnet Name : | P7                  |
| Client Sample ID :      | MH0CC6              | Dilution Factor : | 250                 |
| Date & Time Acquired :: | 2017-07-19 17:47:01 | DataFile Name :   | 082SMPL_P7071917 -M |

| Parameter  | Mass  | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|------------|-------|---------|---------|---------|------------|---------|-------|
| Molybdenum | 94-1  | 0.02    | 0.01    | 0.03    | 0.02       | 35.96   | ppb   |
| Molybdenum | 95-1  | -0.04   | -0.04   | -0.02   | -0.03      |         | ppb   |
| Molybdenum | 96-1  | -0.02   | -0.02   | -0.01   | -0.02      |         | ppb   |
| Molybdenum | 97-1  | -0.02   | -0.04   | -0.01   | -0.02      |         | ppb   |
| Molybdenum | 98-1  | -0.03   | -0.04   | -0.03   | -0.03      |         | ppb   |
| Neodymium  | 150-1 |         |         |         |            |         | cps   |
| Neodymium  | 150-2 |         |         |         |            |         | cps   |
| Nickel     | 60-2  | 1.78    | 1.70    | 1.70    | 1.73       | 2.78    | ppb   |
| Phosphorus | 31-2  | 4.54    | -7.12   | 4.76    | 0.72       | 938.42  | ppb   |
| Potassium  | 39-2  | 74.27   | 71.90   | 67.36   | 71.18      | 4.93    | ppb   |
| Rhodium    | 103-1 |         |         |         |            |         | %     |
| Rhodium    | 103-2 |         |         |         |            |         | %     |
| Scandium   | 45-1  |         |         |         |            |         | %     |
| Scandium   | 45-2  |         |         |         |            |         | %     |
| Selenium   | 77-2  | 2.90    | 0.73    | 2.91    | 2.18       | 57.70   | ppb   |
| Selenium   | 78-2  | -1.50   | -0.40   | -1.13   | -1.01      |         | ppb   |
| Selenium   | 82-1  | -0.53   | 0.58    | 0.52    | 0.19       | 328.08  | ppb   |
| Silicon    | 28-1  | 59.34   | 62.54   | 64.07   | 61.98      | 3.89    | ppb   |
| Silver     | 109-1 | 0.01    | 0.01    | 0.01    | 0.01       | 20.61   | ppb   |
| Silver     | 107-1 | 0.01    | 0.01    | 0.00    | 0.01       | 56.84   | ppb   |
| Sodium     | 23-2  | 265.58  | 262.23  | 265.69  | 264.50     | 0.74    | ppb   |
| Strontium  | 86-1  | 7.38    | 7.69    | 7.44    | 7.50       | 2.21    | ppb   |
| Strontium  | 88-1  | 7.51    | 7.45    | 7.54    | 7.50       | 0.61    | ppb   |
| Sulfur     | 34-1  | 4585.09 | 4834.44 | 5030.01 | 4816.51    | 4.63    | ppb   |
| Terbium    | 159-1 |         |         |         |            |         | %     |
| Terbium    | 159-2 |         |         |         |            |         | %     |
| Thallium   | 203-1 | -0.02   | -0.03   | -0.01   | -0.02      |         | ppb   |
| Thallium   | 205-1 | -0.01   | -0.02   | -0.01   | -0.01      |         | ppb   |
| Tin        | 118-1 | 0.07    | 0.09    | 0.09    | 0.08       | 11.03   | ppb   |
| Titanium   | 47-1  | 0.07    | 0.03    | 0.14    | 0.08       | 65.39   | ppb   |
| Uranium    | 238-1 | 0.37    | 0.37    | 0.37    | 0.37       | 0.67    | ppb   |
| Vanadium   | 51-2  | 0.00    | 0.00    | -0.01   | 0.00       |         | ppb   |
| Yttrium    | 89-1  |         |         |         |            |         | %     |
| Yttrium    | 89-2  |         |         |         |            |         | %     |
| Zinc       | 66-2  | 948.06  | 950.05  | 957.18  | 951.76     | 0.50    | ppb   |
| Zirconium  | 90-1  | 0.05    | 0.04    | 0.05    | 0.05       | 15.03   | ppb   |

|                         |                     |                   |                     |
|-------------------------|---------------------|-------------------|---------------------|
| LB Number :             | LB88853             | Operator :        | Jaswal              |
| Lab Sample ID :         | I4255-06DL2X250     | Instrumnet Name : | P7                  |
| Client Sample ID :      | MH0CC6              | Dilution Factor : | 250                 |
| Date & Time Acquired :: | 2017-07-19 17:47:01 | DataFile Name :   | 082SMPL_P7071917 -M |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|-----------|------|---------|---------|---------|------------|---------|-------|
| Zirconium | 91-1 | 0.04    | 0.06    | 0.08    | 0.06       | 27.48   | ppb   |



|                         |                     |                   |                     |
|-------------------------|---------------------|-------------------|---------------------|
| LB Number :             | LB88853             | Operator :        | Jaswal              |
| Lab Sample ID :         | I4256-01DL2X250     | Instrumnet Name : | P7                  |
| Client Sample ID :      | MH0CC2              | Dilution Factor : | 250                 |
| Date & Time Acquired :: | 2017-07-19 17:50:30 | DataFile Name :   | 083SMPL_P7071917 -M |

| Parameter  | Mass  | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|------------|-------|---------|---------|---------|------------|---------|-------|
| Aluminium  | 27-2  | 70.70   | 66.01   | 71.01   | 69.24      | 4.05    | ppb   |
| Antimony   | 121-1 | 0.01    | 0.02    | 0.02    | 0.02       | 12.81   | ppb   |
| Arsenic    | 75-2  | 0.40    | 0.57    | 0.51    | 0.49       | 16.65   | ppb   |
| Barium     | 135-1 | -0.01   | -0.05   | -0.04   | -0.03      |         | ppb   |
| Barium     | 137-1 | 0.02    | 0.00    | -0.01   | 0.00       | 479.28  | ppb   |
| Beryllium  | 9-1   | -0.05   | -0.06   | -0.03   | -0.05      |         | ppb   |
| Bismuth    | 209-1 |         |         |         |            |         | %     |
| Bismuth    | 209-2 |         |         |         |            |         | %     |
| Boron      | 10-1  | 0.92    | 0.25    | 0.73    | 0.63       | 55.11   | ppb   |
| Boron      | 11-1  | 0.57    | 0.34    | 0.31    | 0.41       | 34.90   | ppb   |
| Cadmium    | 111-1 | 1.74    | 1.79    | 1.84    | 1.79       | 2.79    | ppb   |
| Cadmium    | 106-1 | -1.40   | -1.32   | -1.68   | -1.47      |         | ppb   |
| Cadmium    | 108-1 | 2.14    | 2.19    | 1.35    | 1.89       | 24.92   | ppb   |
| Calcium    | 43-1  | 999.68  | 1027.73 | 1002.56 | 1009.99    | 1.53    | ppb   |
| Calcium    | 44-1  | 1009.60 | 1004.85 | 992.81  | 1002.42    | 0.86    | ppb   |
| Chromium   | 52-2  | 0.03    | -0.05   | -0.01   | -0.01      |         | ppb   |
| Cobalt     | 59-2  | 3.05    | 2.91    | 2.84    | 2.94       | 3.59    | ppb   |
| Copper     | 63-2  | 18.87   | 18.22   | 18.46   | 18.52      | 1.78    | ppb   |
| Dysprosium | 156-1 |         |         |         |            |         | cps   |
| Dysprosium | 156-2 |         |         |         |            |         | cps   |
| Erbium     | 164-1 |         |         |         |            |         | cps   |
| Erbium     | 164-2 |         |         |         |            |         | cps   |
| Gadolinium | 160-1 |         |         |         |            |         | cps   |
| Gadolinium | 160-2 |         |         |         |            |         | cps   |
| Holmium    | 165-1 |         |         |         |            |         | %     |
| Holmium    | 165-2 |         |         |         |            |         | %     |
| Indium     | 115-1 |         |         |         |            |         | %     |
| Indium     | 115-2 |         |         |         |            |         | %     |
| Iron       | 56-2  | 120.93  | 119.97  | 118.63  | 119.84     | 0.96    | ppb   |
| Iron       | 57-2  | 124.44  | 115.90  | 125.34  | 121.89     | 4.27    | ppb   |
| Lead       | 206-1 | -0.01   | -0.03   | -0.04   | -0.02      |         | ppb   |
| Lead       | 207-1 | 0.01    | 0.03    | -0.01   | 0.01       | 179.22  | ppb   |
| Lead       | 208-1 | 0.00    | 0.00    | -0.01   | 0.00       |         | ppb   |
| Lithium    | 6-1   |         |         |         |            |         | %     |
| Magnesium  | 24-2  | 411.22  | 407.67  | 392.73  | 403.87     | 2.43    | ppb   |
| Manganese  | 55-2  | 534.54  | 531.76  | 527.21  | 531.17     | 0.70    | ppb   |

|                         |                     |                   |                     |
|-------------------------|---------------------|-------------------|---------------------|
| LB Number :             | LB88853             | Operator :        | Jaswal              |
| Lab Sample ID :         | I4256-01DL2X250     | Instrumnet Name : | P7                  |
| Client Sample ID :      | MH0CC2              | Dilution Factor : | 250                 |
| Date & Time Acquired :: | 2017-07-19 17:50:30 | DataFile Name :   | 083SMPL_P7071917 -M |

| Parameter  | Mass  | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|------------|-------|---------|---------|---------|------------|---------|-------|
| Molybdenum | 94-1  | 0.00    | -0.01   | 0.00    | 0.00       |         | ppb   |
| Molybdenum | 95-1  | -0.04   | -0.03   | -0.03   | -0.03      |         | ppb   |
| Molybdenum | 96-1  | -0.02   | -0.03   | -0.03   | -0.03      |         | ppb   |
| Molybdenum | 97-1  | -0.03   | -0.02   | -0.02   | -0.02      |         | ppb   |
| Molybdenum | 98-1  | -0.04   | -0.05   | -0.04   | -0.04      |         | ppb   |
| Neodymium  | 150-1 |         |         |         |            |         | cps   |
| Neodymium  | 150-2 |         |         |         |            |         | cps   |
| Nickel     | 60-2  | 0.58    | 0.67    | 0.72    | 0.66       | 10.60   | ppb   |
| Phosphorus | 31-2  | 2.19    | -9.99   | 7.33    | -0.16      |         | ppb   |
| Potassium  | 39-2  | 50.46   | 51.50   | 48.05   | 50.00      | 3.54    | ppb   |
| Rhodium    | 103-1 |         |         |         |            |         | %     |
| Rhodium    | 103-2 |         |         |         |            |         | %     |
| Scandium   | 45-1  |         |         |         |            |         | %     |
| Scandium   | 45-2  |         |         |         |            |         | %     |
| Selenium   | 77-2  | 0.74    | 2.91    | 0.73    | 1.46       | 86.11   | ppb   |
| Selenium   | 78-2  | -1.58   | -1.73   | 0.49    | -0.94      |         | ppb   |
| Selenium   | 82-1  | 0.92    | 0.29    | 1.35    | 0.85       | 62.60   | ppb   |
| Silicon    | 28-1  | 34.51   | 32.29   | 31.29   | 32.70      | 5.04    | ppb   |
| Silver     | 109-1 | 0.00    | 0.00    | 0.00    | 0.00       | 61.44   | ppb   |
| Silver     | 107-1 | 0.00    | 0.01    | 0.00    | 0.00       | 54.16   | ppb   |
| Sodium     | 23-2  | 149.52  | 148.10  | 143.05  | 146.89     | 2.31    | ppb   |
| Strontium  | 86-1  | 3.59    | 3.80    | 3.50    | 3.63       | 4.29    | ppb   |
| Strontium  | 88-1  | 3.72    | 3.54    | 3.58    | 3.61       | 2.57    | ppb   |
| Sulfur     | 34-1  | 2952.76 | 2819.42 | 2639.08 | 2803.76    | 5.61    | ppb   |
| Terbium    | 159-1 |         |         |         |            |         | %     |
| Terbium    | 159-2 |         |         |         |            |         | %     |
| Thallium   | 203-1 | -0.02   | -0.01   | -0.02   | -0.02      |         | ppb   |
| Thallium   | 205-1 | -0.01   | -0.01   | -0.02   | -0.01      |         | ppb   |
| Tin        | 118-1 | -0.03   | -0.02   | 0.01    | -0.01      |         | ppb   |
| Titanium   | 47-1  | 0.10    | 0.00    | 0.02    | 0.04       | 126.52  | ppb   |
| Uranium    | 238-1 | 0.29    | 0.28    | 0.30    | 0.29       | 2.59    | ppb   |
| Vanadium   | 51-2  | -0.03   | -0.03   | -0.03   | -0.03      |         | ppb   |
| Yttrium    | 89-1  |         |         |         |            |         | %     |
| Yttrium    | 89-2  |         |         |         |            |         | %     |
| Zinc       | 66-2  | 443.66  | 441.09  | 438.20  | 440.98     | 0.62    | ppb   |
| Zirconium  | 90-1  | 0.01    | 0.01    | 0.01    | 0.01       | 37.06   | ppb   |

|                         |                     |                   |                     |
|-------------------------|---------------------|-------------------|---------------------|
| LB Number :             | LB88853             | Operator :        | Jaswal              |
| Lab Sample ID :         | I4256-01DL2X250     | Instrumnet Name : | P7                  |
| Client Sample ID :      | MH0CC2              | Dilution Factor : | 250                 |
| Date & Time Acquired :: | 2017-07-19 17:50:30 | DataFile Name :   | 083SMPL_P7071917 -M |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|-----------|------|---------|---------|---------|------------|---------|-------|
| Zirconium | 91-1 | 0.03    | 0.01    | 0.03    | 0.02       | 40.83   | ppb   |

|                         |                     |                   |                     |
|-------------------------|---------------------|-------------------|---------------------|
| LB Number :             | LB88853             | Operator :        | Jaswal              |
| Lab Sample ID :         | I4256-02DL2X250     | Instrumnet Name : | P7                  |
| Client Sample ID :      | MH0CC3              | Dilution Factor : | 250                 |
| Date & Time Acquired :: | 2017-07-19 17:53:59 | DataFile Name :   | 084SMPL_P7071917 -M |

| Parameter  | Mass  | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|------------|-------|---------|---------|---------|------------|---------|-------|
| Aluminium  | 27-2  | 161.21  | 165.46  | 165.93  | 164.20     | 1.58    | ppb   |
| Antimony   | 121-1 | 0.02    | 0.03    | 0.02    | 0.02       | 7.50    | ppb   |
| Arsenic    | 75-2  | 2.73    | 2.70    | 2.44    | 2.62       | 6.22    | ppb   |
| Barium     | 135-1 | -0.02   | -0.03   | -0.03   | -0.03      |         | ppb   |
| Barium     | 137-1 | 0.02    | 0.02    | 0.02    | 0.02       | 12.68   | ppb   |
| Beryllium  | 9-1   | -0.08   | -0.04   | -0.08   | -0.07      |         | ppb   |
| Bismuth    | 209-1 |         |         |         |            |         | %     |
| Bismuth    | 209-2 |         |         |         |            |         | %     |
| Boron      | 10-1  | 0.15    | 0.22    | 0.57    | 0.31       | 72.65   | ppb   |
| Boron      | 11-1  | 0.58    | 0.23    | 0.19    | 0.33       | 63.60   | ppb   |
| Cadmium    | 111-1 | 0.73    | 0.74    | 0.77    | 0.75       | 2.73    | ppb   |
| Cadmium    | 106-1 | -1.67   | -1.62   | -1.54   | -1.61      |         | ppb   |
| Cadmium    | 108-1 | 0.75    | 0.83    | 1.10    | 0.90       | 20.34   | ppb   |
| Calcium    | 43-1  | 459.27  | 447.79  | 435.52  | 447.53     | 2.65    | ppb   |
| Calcium    | 44-1  | 450.13  | 436.83  | 434.37  | 440.44     | 1.93    | ppb   |
| Chromium   | 52-2  | -0.01   | -0.03   | 0.03    | 0.00       |         | ppb   |
| Cobalt     | 59-2  | 0.50    | 0.53    | 0.51    | 0.52       | 3.46    | ppb   |
| Copper     | 63-2  | 6.85    | 7.01    | 7.19    | 7.02       | 2.43    | ppb   |
| Dysprosium | 156-1 |         |         |         |            |         | cps   |
| Dysprosium | 156-2 |         |         |         |            |         | cps   |
| Erbium     | 164-1 |         |         |         |            |         | cps   |
| Erbium     | 164-2 |         |         |         |            |         | cps   |
| Gadolinium | 160-1 |         |         |         |            |         | cps   |
| Gadolinium | 160-2 |         |         |         |            |         | cps   |
| Holmium    | 165-1 |         |         |         |            |         | %     |
| Holmium    | 165-2 |         |         |         |            |         | %     |
| Indium     | 115-1 |         |         |         |            |         | %     |
| Indium     | 115-2 |         |         |         |            |         | %     |
| Iron       | 56-2  | 36.12   | 36.53   | 37.42   | 36.69      | 1.81    | ppb   |
| Iron       | 57-2  | 35.08   | 37.81   | 33.17   | 35.35      | 6.60    | ppb   |
| Lead       | 206-1 | 0.42    | 0.41    | 0.45    | 0.43       | 3.78    | ppb   |
| Lead       | 207-1 | 0.43    | 0.44    | 0.42    | 0.43       | 3.24    | ppb   |
| Lead       | 208-1 | 0.44    | 0.43    | 0.44    | 0.43       | 1.57    | ppb   |
| Lithium    | 6-1   |         |         |         |            |         | %     |
| Magnesium  | 24-2  | 194.00  | 197.40  | 199.55  | 196.98     | 1.42    | ppb   |
| Manganese  | 55-2  | 257.88  | 261.32  | 267.36  | 262.19     | 1.83    | ppb   |

|                         |                     |                   |                     |
|-------------------------|---------------------|-------------------|---------------------|
| LB Number :             | LB88853             | Operator :        | Jaswal              |
| Lab Sample ID :         | I4256-02DL2X250     | Instrumnet Name : | P7                  |
| Client Sample ID :      | MH0CC3              | Dilution Factor : | 250                 |
| Date & Time Acquired :: | 2017-07-19 17:53:59 | DataFile Name :   | 084SMPL_P7071917 -M |

| Parameter  | Mass  | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|------------|-------|---------|---------|---------|------------|---------|-------|
| Molybdenum | 94-1  | 0.00    | 0.01    | 0.01    | 0.01       | 136.60  | ppb   |
| Molybdenum | 95-1  | -0.05   | -0.06   | -0.06   | -0.06      |         | ppb   |
| Molybdenum | 96-1  | -0.03   | -0.02   | -0.03   | -0.03      |         | ppb   |
| Molybdenum | 97-1  | -0.03   | -0.02   | -0.02   | -0.02      |         | ppb   |
| Molybdenum | 98-1  | -0.03   | -0.04   | -0.04   | -0.04      |         | ppb   |
| Neodymium  | 150-1 |         |         |         |            |         | cps   |
| Neodymium  | 150-2 |         |         |         |            |         | cps   |
| Nickel     | 60-2  | -0.04   | 0.02    | 0.07    | 0.02       | 351.90  | ppb   |
| Phosphorus | 31-2  | -24.89  | -21.77  | -27.40  | -24.68     |         | ppb   |
| Potassium  | 39-2  | 23.36   | 30.94   | 26.18   | 26.83      | 14.28   | ppb   |
| Rhodium    | 103-1 |         |         |         |            |         | %     |
| Rhodium    | 103-2 |         |         |         |            |         | %     |
| Scandium   | 45-1  |         |         |         |            |         | %     |
| Scandium   | 45-2  |         |         |         |            |         | %     |
| Selenium   | 77-2  | 3.64    | 0.00    | 5.91    | 3.18       | 93.61   | ppb   |
| Selenium   | 78-2  | -0.03   | -0.47   | -1.08   | -0.53      |         | ppb   |
| Selenium   | 82-1  | 1.01    | 0.33    | 0.39    | 0.58       | 65.67   | ppb   |
| Silicon    | 28-1  | 42.10   | 40.11   | 39.63   | 40.61      | 3.23    | ppb   |
| Silver     | 109-1 | 0.00    | 0.00    | 0.00    | 0.00       | 49.52   | ppb   |
| Silver     | 107-1 | 0.01    | 0.01    | 0.00    | 0.01       | 33.69   | ppb   |
| Sodium     | 23-2  | 73.99   | 73.72   | 72.80   | 73.50      | 0.85    | ppb   |
| Strontium  | 86-1  | 1.60    | 1.34    | 1.44    | 1.46       | 9.03    | ppb   |
| Strontium  | 88-1  | 1.34    | 1.36    | 1.40    | 1.37       | 1.96    | ppb   |
| Sulfur     | 34-1  | 1759.71 | 1749.07 | 1673.83 | 1727.54    | 2.71    | ppb   |
| Terbium    | 159-1 |         |         |         |            |         | %     |
| Terbium    | 159-2 |         |         |         |            |         | %     |
| Thallium   | 203-1 | -0.02   | -0.02   | -0.02   | -0.02      |         | ppb   |
| Thallium   | 205-1 | -0.01   | -0.02   | -0.02   | -0.02      |         | ppb   |
| Tin        | 118-1 | -0.02   | -0.01   | -0.03   | -0.02      |         | ppb   |
| Titanium   | 47-1  | -0.01   | 0.05    | 0.02    | 0.02       | 143.09  | ppb   |
| Uranium    | 238-1 | 0.30    | 0.28    | 0.30    | 0.29       | 4.62    | ppb   |
| Vanadium   | 51-2  | -0.03   | -0.03   | -0.03   | -0.03      |         | ppb   |
| Yttrium    | 89-1  |         |         |         |            |         | %     |
| Yttrium    | 89-2  |         |         |         |            |         | %     |
| Zinc       | 66-2  | 143.86  | 144.69  | 149.68  | 146.08     | 2.15    | ppb   |
| Zirconium  | 90-1  | 0.01    | 0.01    | 0.03    | 0.01       | 85.63   | ppb   |

|                         |                     |                   |                     |
|-------------------------|---------------------|-------------------|---------------------|
| LB Number :             | LB88853             | Operator :        | Jaswal              |
| Lab Sample ID :         | I4256-02DL2X250     | Instrumnet Name : | P7                  |
| Client Sample ID :      | MH0CC3              | Dilution Factor : | 250                 |
| Date & Time Acquired :: | 2017-07-19 17:53:59 | DataFile Name :   | 084SMPL_P7071917 -M |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|-----------|------|---------|---------|---------|------------|---------|-------|
| Zirconium | 91-1 | 0.02    | -0.01   | 0.02    | 0.01       | 184.56  | ppb   |

|                         |                     |                   |                     |
|-------------------------|---------------------|-------------------|---------------------|
| LB Number :             | LB88853             | Operator :        | Jaswal              |
| Lab Sample ID :         | I4256-03DL2X250     | Instrumnet Name : | P7                  |
| Client Sample ID :      | MH0CC3D             | Dilution Factor : | 250                 |
| Date & Time Acquired :: | 2017-07-19 17:57:28 | DataFile Name :   | 085SMPL_P7071917 -M |

| Parameter  | Mass  | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|------------|-------|---------|---------|---------|------------|---------|-------|
| Aluminium  | 27-2  | 174.29  | 166.57  | 160.55  | 167.14     | 4.12    | ppb   |
| Antimony   | 121-1 | 0.03    | 0.02    | 0.03    | 0.03       | 17.10   | ppb   |
| Arsenic    | 75-2  | 2.75    | 2.81    | 2.69    | 2.75       | 2.13    | ppb   |
| Barium     | 135-1 | -0.01   | 0.00    | -0.03   | -0.01      |         | ppb   |
| Barium     | 137-1 | 0.03    | 0.01    | 0.02    | 0.02       | 50.52   | ppb   |
| Beryllium  | 9-1   | 0.04    | -0.06   | -0.06   | -0.03      |         | ppb   |
| Bismuth    | 209-1 |         |         |         |            |         | %     |
| Bismuth    | 209-2 |         |         |         |            |         | %     |
| Boron      | 10-1  | 0.75    | -0.17   | 0.03    | 0.21       | 235.45  | ppb   |
| Boron      | 11-1  | 0.19    | 0.26    | 0.22    | 0.22       | 15.85   | ppb   |
| Cadmium    | 111-1 | 0.71    | 0.76    | 0.58    | 0.68       | 13.54   | ppb   |
| Cadmium    | 106-1 | -1.32   | -0.96   | -2.70   | -1.66      |         | ppb   |
| Cadmium    | 108-1 | 0.46    | 0.55    | 0.97    | 0.66       | 41.09   | ppb   |
| Calcium    | 43-1  | 435.31  | 444.60  | 466.25  | 448.72     | 3.54    | ppb   |
| Calcium    | 44-1  | 443.53  | 446.10  | 463.28  | 450.97     | 2.38    | ppb   |
| Chromium   | 52-2  | 0.03    | -0.01   | 0.00    | 0.01       | 283.91  | ppb   |
| Cobalt     | 59-2  | 0.53    | 0.48    | 0.48    | 0.50       | 5.80    | ppb   |
| Copper     | 63-2  | 7.40    | 7.16    | 7.23    | 7.26       | 1.74    | ppb   |
| Dysprosium | 156-1 |         |         |         |            |         | cps   |
| Dysprosium | 156-2 |         |         |         |            |         | cps   |
| Erbium     | 164-1 |         |         |         |            |         | cps   |
| Erbium     | 164-2 |         |         |         |            |         | cps   |
| Gadolinium | 160-1 |         |         |         |            |         | cps   |
| Gadolinium | 160-2 |         |         |         |            |         | cps   |
| Holmium    | 165-1 |         |         |         |            |         | %     |
| Holmium    | 165-2 |         |         |         |            |         | %     |
| Indium     | 115-1 |         |         |         |            |         | %     |
| Indium     | 115-2 |         |         |         |            |         | %     |
| Iron       | 56-2  | 36.72   | 36.59   | 37.80   | 37.04      | 1.80    | ppb   |
| Iron       | 57-2  | 35.82   | 33.64   | 37.85   | 35.77      | 5.89    | ppb   |
| Lead       | 206-1 | 0.45    | 0.46    | 0.50    | 0.47       | 6.32    | ppb   |
| Lead       | 207-1 | 0.44    | 0.47    | 0.42    | 0.44       | 6.30    | ppb   |
| Lead       | 208-1 | 0.44    | 0.45    | 0.45    | 0.45       | 1.84    | ppb   |
| Lithium    | 6-1   |         |         |         |            |         | %     |
| Magnesium  | 24-2  | 202.56  | 199.28  | 197.37  | 199.74     | 1.31    | ppb   |
| Manganese  | 55-2  | 263.15  | 265.90  | 266.35  | 265.13     | 0.65    | ppb   |

|                         |                     |                   |                     |
|-------------------------|---------------------|-------------------|---------------------|
| LB Number :             | LB88853             | Operator :        | Jaswal              |
| Lab Sample ID :         | I4256-03DL2X250     | Instrumnet Name : | P7                  |
| Client Sample ID :      | MH0CC3D             | Dilution Factor : | 250                 |
| Date & Time Acquired :: | 2017-07-19 17:57:28 | DataFile Name :   | 085SMPL_P7071917 -M |

| Parameter  | Mass  | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|------------|-------|---------|---------|---------|------------|---------|-------|
| Molybdenum | 94-1  | 0.00    | 0.01    | 0.00    | 0.00       | 248.30  | ppb   |
| Molybdenum | 95-1  | -0.06   | -0.05   | -0.05   | -0.05      |         | ppb   |
| Molybdenum | 96-1  | -0.03   | -0.03   | -0.03   | -0.03      |         | ppb   |
| Molybdenum | 97-1  | -0.02   | -0.04   | -0.03   | -0.03      |         | ppb   |
| Molybdenum | 98-1  | -0.04   | -0.04   | -0.04   | -0.04      |         | ppb   |
| Neodymium  | 150-1 |         |         |         |            |         | cps   |
| Neodymium  | 150-2 |         |         |         |            |         | cps   |
| Nickel     | 60-2  | 0.04    | 0.02    | -0.02   | 0.01       | 244.02  | ppb   |
| Phosphorus | 31-2  | -11.40  | -1.97   | -4.96   | -6.11      |         | ppb   |
| Potassium  | 39-2  | 36.72   | 34.09   | 50.42   | 40.41      | 21.69   | ppb   |
| Rhodium    | 103-1 |         |         |         |            |         | %     |
| Rhodium    | 103-2 |         |         |         |            |         | %     |
| Scandium   | 45-1  |         |         |         |            |         | %     |
| Scandium   | 45-2  |         |         |         |            |         | %     |
| Selenium   | 77-2  | 2.30    | 3.10    | 2.33    | 2.58       | 17.51   | ppb   |
| Selenium   | 78-2  | -0.57   | -0.93   | -0.14   | -0.55      |         | ppb   |
| Selenium   | 82-1  | 0.92    | 0.73    | 0.74    | 0.80       | 13.61   | ppb   |
| Silicon    | 28-1  | 42.81   | 42.49   | 47.89   | 44.39      | 6.82    | ppb   |
| Silver     | 109-1 | 0.00    | 0.01    | 0.01    | 0.00       | 120.56  | ppb   |
| Silver     | 107-1 | 0.01    | 0.01    | 0.01    | 0.01       | 20.72   | ppb   |
| Sodium     | 23-2  | 75.58   | 75.87   | 78.78   | 76.74      | 2.31    | ppb   |
| Strontium  | 86-1  | 1.27    | 1.37    | 1.43    | 1.35       | 5.94    | ppb   |
| Strontium  | 88-1  | 1.37    | 1.41    | 1.36    | 1.38       | 2.04    | ppb   |
| Sulfur     | 34-1  | 1754.84 | 1906.39 | 2279.54 | 1980.26    | 13.64   | ppb   |
| Terbium    | 159-1 |         |         |         |            |         | %     |
| Terbium    | 159-2 |         |         |         |            |         | %     |
| Thallium   | 203-1 | -0.03   | -0.02   | -0.02   | -0.02      |         | ppb   |
| Thallium   | 205-1 | -0.01   | -0.01   | -0.01   | -0.01      |         | ppb   |
| Tin        | 118-1 | -0.01   | 0.04    | -0.02   | 0.00       | 721.16  | ppb   |
| Titanium   | 47-1  | 0.01    | -0.02   | -0.04   | -0.02      |         | ppb   |
| Uranium    | 238-1 | 0.29    | 0.31    | 0.32    | 0.31       | 5.32    | ppb   |
| Vanadium   | 51-2  | -0.03   | -0.03   | -0.03   | -0.03      |         | ppb   |
| Yttrium    | 89-1  |         |         |         |            |         | %     |
| Yttrium    | 89-2  |         |         |         |            |         | %     |
| Zinc       | 66-2  | 146.49  | 146.64  | 147.74  | 146.96     | 0.47    | ppb   |
| Zirconium  | 90-1  | 0.02    | 0.02    | 0.01    | 0.01       | 32.00   | ppb   |



|                         |                     |                   |                     |
|-------------------------|---------------------|-------------------|---------------------|
| LB Number :             | LB88853             | Operator :        | Jaswal              |
| Lab Sample ID :         | I4256-03DL2X250     | Instrumnet Name : | P7                  |
| Client Sample ID :      | MH0CC3D             | Dilution Factor : | 250                 |
| Date & Time Acquired :: | 2017-07-19 17:57:28 | DataFile Name :   | 085SMPL_P7071917 -M |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|-----------|------|---------|---------|---------|------------|---------|-------|
| Zirconium | 91-1 | 0.01    | 0.01    | 0.03    | 0.02       | 75.83   | ppb   |

|                         |                     |                   |                     |
|-------------------------|---------------------|-------------------|---------------------|
| LB Number :             | LB88853             | Operator :        | Jaswal              |
| Lab Sample ID :         | I4256-02LDL2X1250   | Instrumnet Name : | P7                  |
| Client Sample ID :      | MH0CC3L             | Dilution Factor : | 1250                |
| Date & Time Acquired :: | 2017-07-19 18:00:58 | DataFile Name :   | 086SMPL_P7071917 -M |

| Parameter  | Mass  | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|------------|-------|---------|---------|---------|------------|---------|-------|
| Aluminium  | 27-2  | 35.13   | 31.75   | 30.79   | 32.56      | 6.99    | ppb   |
| Antimony   | 121-1 | 0.01    | 0.02    | 0.01    | 0.01       | 40.34   | ppb   |
| Arsenic    | 75-2  | 0.57    | 0.46    | 0.62    | 0.55       | 14.20   | ppb   |
| Barium     | 135-1 | -0.07   | -0.09   | -0.09   | -0.08      |         | ppb   |
| Barium     | 137-1 | -0.03   | -0.03   | -0.03   | -0.03      |         | ppb   |
| Beryllium  | 9-1   | -0.06   | -0.06   | -0.08   | -0.06      |         | ppb   |
| Bismuth    | 209-1 |         |         |         |            |         | %     |
| Bismuth    | 209-2 |         |         |         |            |         | %     |
| Boron      | 10-1  | 0.23    | -0.10   | -0.09   | 0.01       | 1328.03 | ppb   |
| Boron      | 11-1  | 0.18    | 0.27    | 0.15    | 0.20       | 30.48   | ppb   |
| Cadmium    | 111-1 | -0.06   | -0.13   | 0.01    | -0.06      |         | ppb   |
| Cadmium    | 106-1 | -2.67   | -3.43   | -2.13   | -2.74      |         | ppb   |
| Cadmium    | 108-1 | 0.17    | 0.11    | 0.08    | 0.12       | 40.16   | ppb   |
| Calcium    | 43-1  | 92.20   | 92.94   | 99.37   | 94.84      | 4.16    | ppb   |
| Calcium    | 44-1  | 89.57   | 90.43   | 89.89   | 89.96      | 0.48    | ppb   |
| Chromium   | 52-2  | -0.03   | -0.02   | 0.00    | -0.02      |         | ppb   |
| Cobalt     | 59-2  | 0.05    | 0.07    | 0.03    | 0.05       | 40.63   | ppb   |
| Copper     | 63-2  | 1.26    | 1.24    | 1.31    | 1.27       | 3.02    | 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  | 7.11    | 7.30    | 7.48    | 7.30       | 2.50    | ppb   |
| Iron       | 57-2  | 8.53    | 8.38    | 7.30    | 8.07       | 8.30    | ppb   |
| Lead       | 206-1 | -0.02   | 0.03    | 0.01    | 0.01       | 376.43  | ppb   |
| Lead       | 207-1 | 0.01    | 0.02    | 0.01    | 0.01       | 44.96   | ppb   |
| Lead       | 208-1 | 0.00    | 0.03    | 0.02    | 0.02       | 69.98   | ppb   |
| Lithium    | 6-1   |         |         |         |            |         | %     |
| Magnesium  | 24-2  | 41.36   | 42.46   | 37.99   | 40.60      | 5.74    | ppb   |
| Manganese  | 55-2  | 51.39   | 53.58   | 53.69   | 52.89      | 2.45    | ppb   |

|                         |                     |                   |                     |
|-------------------------|---------------------|-------------------|---------------------|
| LB Number :             | LB88853             | Operator :        | Jaswal              |
| Lab Sample ID :         | I4256-02LDL2X1250   | Instrumnet Name : | P7                  |
| Client Sample ID :      | MH0CC3L             | Dilution Factor : | 1250                |
| Date & Time Acquired :: | 2017-07-19 18:00:58 | DataFile Name :   | 086SMPL_P7071917 -M |

| Parameter  | Mass  | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|------------|-------|---------|---------|---------|------------|---------|-------|
| Molybdenum | 94-1  | 0.00    | 0.00    | 0.00    | 0.00       | 981.85  | ppb   |
| Molybdenum | 95-1  | -0.05   | -0.06   | -0.06   | -0.06      |         | ppb   |
| Molybdenum | 96-1  | -0.03   | -0.03   | -0.03   | -0.03      |         | ppb   |
| Molybdenum | 97-1  | -0.02   | -0.02   | -0.04   | -0.03      |         | ppb   |
| Molybdenum | 98-1  | -0.04   | -0.05   | -0.04   | -0.04      |         | ppb   |
| Neodymium  | 150-1 |         |         |         |            |         | cps   |
| Neodymium  | 150-2 |         |         |         |            |         | cps   |
| Nickel     | 60-2  | -0.43   | -0.29   | -0.41   | -0.38      |         | ppb   |
| Phosphorus | 31-2  | 1.06    | -3.77   | -27.32  | -10.01     |         | ppb   |
| Potassium  | 39-2  | 15.45   | 13.95   | 20.92   | 16.78      | 21.87   | ppb   |
| Rhodium    | 103-1 |         |         |         |            |         | %     |
| Rhodium    | 103-2 |         |         |         |            |         | %     |
| Scandium   | 45-1  |         |         |         |            |         | %     |
| Scandium   | 45-2  |         |         |         |            |         | %     |
| Selenium   | 77-2  | 0.74    | 0.00    | 0.00    | 0.25       | 173.21  | ppb   |
| Selenium   | 78-2  | -1.83   | 0.09    | -1.26   | -1.00      |         | ppb   |
| Selenium   | 82-1  | -0.23   | 0.68    | 0.78    | 0.41       | 134.82  | ppb   |
| Silicon    | 28-1  | 7.21    | 7.06    | 8.54    | 7.60       | 10.68   | ppb   |
| Silver     | 109-1 | 0.00    | 0.00    | 0.00    | 0.00       | 69.52   | ppb   |
| Silver     | 107-1 | 0.00    | 0.00    | 0.00    | 0.00       |         | ppb   |
| Sodium     | 23-2  | 20.44   | 27.52   | 28.12   | 25.36      | 16.84   | ppb   |
| Strontium  | 86-1  | 0.25    | 0.25    | 0.29    | 0.27       | 9.13    | ppb   |
| Strontium  | 88-1  | 0.28    | 0.27    | 0.27    | 0.27       | 2.25    | ppb   |
| Sulfur     | 34-1  | 810.21  | 829.99  | 923.23  | 854.48     | 7.06    | ppb   |
| Terbium    | 159-1 |         |         |         |            |         | %     |
| Terbium    | 159-2 |         |         |         |            |         | %     |
| Thallium   | 203-1 | -0.01   | -0.03   | -0.02   | -0.02      |         | ppb   |
| Thallium   | 205-1 | -0.01   | -0.02   | -0.02   | -0.02      |         | ppb   |
| Tin        | 118-1 | 0.00    | -0.01   | 0.00    | 0.00       |         | ppb   |
| Titanium   | 47-1  | 0.05    | -0.02   | 0.00    | 0.01       | 300.22  | ppb   |
| Uranium    | 238-1 | 0.00    | 0.01    | 0.00    | 0.01       | 130.18  | ppb   |
| Vanadium   | 51-2  | -0.03   | -0.03   | -0.03   | -0.03      |         | ppb   |
| Yttrium    | 89-1  |         |         |         |            |         | %     |
| Yttrium    | 89-2  |         |         |         |            |         | %     |
| Zinc       | 66-2  | 28.14   | 29.32   | 29.85   | 29.10      | 3.01    | ppb   |
| Zirconium  | 90-1  | 0.01    | 0.00    | 0.00    | 0.00       | 59.18   | ppb   |

|                         |                     |                   |                     |
|-------------------------|---------------------|-------------------|---------------------|
| LB Number :             | LB88853             | Operator :        | Jaswal              |
| Lab Sample ID :         | I4256-02LDL2X1250   | Instrumnet Name : | P7                  |
| Client Sample ID :      | MH0CC3L             | Dilution Factor : | 1250                |
| Date & Time Acquired :: | 2017-07-19 18:00:58 | DataFile Name :   | 086SMPL_P7071917 -M |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|-----------|------|---------|---------|---------|------------|---------|-------|
| Zirconium | 91-1 | 0.01    | 0.03    | -0.01   | 0.01       | 157.22  | ppb   |

|                         |                     |                   |                     |
|-------------------------|---------------------|-------------------|---------------------|
| LB Number :             | LB88853             | Operator :        | Jaswal              |
| Lab Sample ID :         | I4256-04DL2X250     | Instrumnet Name : | P7                  |
| Client Sample ID :      | MH0CC3S             | Dilution Factor : | 250                 |
| Date & Time Acquired :: | 2017-07-19 18:04:28 | DataFile Name :   | 087SMPL_P7071917 -M |

| Parameter  | Mass  | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|------------|-------|---------|---------|---------|------------|---------|-------|
| Aluminium  | 27-2  | 182.92  | 171.69  | 183.40  | 179.33     | 3.69    | ppb   |
| Antimony   | 121-1 | 0.41    | 0.42    | 0.43    | 0.42       | 2.08    | ppb   |
| Arsenic    | 75-2  | 3.16    | 2.84    | 2.81    | 2.94       | 6.56    | ppb   |
| Barium     | 135-1 | 8.29    | 8.51    | 8.42    | 8.41       | 1.29    | ppb   |
| Barium     | 137-1 | 8.46    | 8.36    | 8.43    | 8.42       | 0.58    | ppb   |
| Beryllium  | 9-1   | 0.17    | 0.23    | 0.22    | 0.21       | 13.82   | ppb   |
| Bismuth    | 209-1 |         |         |         |            |         | %     |
| Bismuth    | 209-2 |         |         |         |            |         | %     |
| Boron      | 10-1  | 0.33    | -0.02   | 0.67    | 0.33       | 105.81  | ppb   |
| Boron      | 11-1  | -0.19   | -0.08   | 0.35    | 0.02       | 1194.31 | ppb   |
| Cadmium    | 111-1 | 0.94    | 1.06    | 0.89    | 0.96       | 9.31    | ppb   |
| Cadmium    | 106-1 | -1.32   | -0.39   | -1.59   | -1.10      |         | ppb   |
| Cadmium    | 108-1 | 0.78    | 1.10    | 1.15    | 1.01       | 19.73   | ppb   |
| Calcium    | 43-1  | 485.87  | 471.98  | 491.35  | 483.07     | 2.07    | ppb   |
| Calcium    | 44-1  | 466.17  | 464.03  | 482.69  | 470.96     | 2.17    | ppb   |
| Chromium   | 52-2  | 0.98    | 0.89    | 0.84    | 0.90       | 7.70    | ppb   |
| Cobalt     | 59-2  | 2.82    | 2.88    | 2.82    | 2.84       | 1.32    | ppb   |
| Copper     | 63-2  | 9.04    | 8.57    | 8.76    | 8.79       | 2.66    | 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  | 43.97   | 43.00   | 43.59   | 43.52      | 1.13    | ppb   |
| Iron       | 57-2  | 48.10   | 37.69   | 40.17   | 41.99      | 12.95   | ppb   |
| Lead       | 206-1 | 0.54    | 0.56    | 0.55    | 0.55       | 1.93    | ppb   |
| Lead       | 207-1 | 0.46    | 0.57    | 0.54    | 0.53       | 10.96   | ppb   |
| Lead       | 208-1 | 0.55    | 0.56    | 0.56    | 0.56       | 1.49    | ppb   |
| Lithium    | 6-1   |         |         |         |            |         | %     |
| Magnesium  | 24-2  | 212.44  | 213.13  | 211.81  | 212.46     | 0.31    | ppb   |
| Manganese  | 55-2  | 282.35  | 280.04  | 282.06  | 281.49     | 0.45    | ppb   |

|                         |                     |                   |                     |
|-------------------------|---------------------|-------------------|---------------------|
| LB Number :             | LB88853             | Operator :        | Jaswal              |
| Lab Sample ID :         | I4256-04DL2X250     | Instrumnet Name : | P7                  |
| Client Sample ID :      | MH0CC3S             | Dilution Factor : | 250                 |
| Date & Time Acquired :: | 2017-07-19 18:04:28 | DataFile Name :   | 087SMPL_P7071917 -M |

| Parameter  | Mass  | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|------------|-------|---------|---------|---------|------------|---------|-------|
| Molybdenum | 94-1  | 0.00    | 0.01    | 0.01    | 0.01       | 100.00  | ppb   |
| Molybdenum | 95-1  | -0.06   | -0.06   | -0.05   | -0.05      |         | ppb   |
| Molybdenum | 96-1  | -0.03   | -0.03   | -0.03   | -0.03      |         | ppb   |
| Molybdenum | 97-1  | -0.03   | -0.03   | -0.03   | -0.03      |         | ppb   |
| Molybdenum | 98-1  | -0.05   | -0.04   | -0.04   | -0.04      |         | ppb   |
| Neodymium  | 150-1 |         |         |         |            |         | cps   |
| Neodymium  | 150-2 |         |         |         |            |         | cps   |
| Nickel     | 60-2  | 2.24    | 2.39    | 2.46    | 2.36       | 4.74    | ppb   |
| Phosphorus | 31-2  | 14.52   | 19.05   | -18.64  | 4.98       | 413.33  | ppb   |
| Potassium  | 39-2  | 24.85   | 29.43   | 35.13   | 29.80      | 17.27   | ppb   |
| Rhodium    | 103-1 |         |         |         |            |         | %     |
| Rhodium    | 103-2 |         |         |         |            |         | %     |
| Scandium   | 45-1  |         |         |         |            |         | %     |
| Scandium   | 45-2  |         |         |         |            |         | %     |
| Selenium   | 77-2  | 0.00    | 2.20    | 4.41    | 2.20       | 100.03  | ppb   |
| Selenium   | 78-2  | -0.81   | -1.47   | -0.24   | -0.84      |         | ppb   |
| Selenium   | 82-1  | 1.31    | 0.49    | 0.94    | 0.91       | 45.39   | ppb   |
| Silicon    | 28-1  | 42.29   | 43.04   | 45.70   | 43.68      | 4.11    | ppb   |
| Silver     | 109-1 | 0.21    | 0.22    | 0.20    | 0.21       | 3.77    | ppb   |
| Silver     | 107-1 | 0.18    | 0.20    | 0.20    | 0.19       | 6.50    | ppb   |
| Sodium     | 23-2  | 75.27   | 75.20   | 74.64   | 75.03      | 0.46    | ppb   |
| Strontium  | 86-1  | 1.54    | 1.50    | 1.49    | 1.51       | 1.71    | ppb   |
| Strontium  | 88-1  | 1.45    | 1.51    | 1.47    | 1.48       | 1.94    | ppb   |
| Sulfur     | 34-1  | 1848.55 | 1576.10 | 2108.88 | 1844.51    | 14.44   | ppb   |
| Terbium    | 159-1 |         |         |         |            |         | %     |
| Terbium    | 159-2 |         |         |         |            |         | %     |
| Thallium   | 203-1 | 0.21    | 0.19    | 0.18    | 0.19       | 8.46    | ppb   |
| Thallium   | 205-1 | 0.20    | 0.21    | 0.20    | 0.20       | 3.75    | ppb   |
| Tin        | 118-1 | -0.01   | -0.01   | 0.01    | -0.01      |         | ppb   |
| Titanium   | 47-1  | 0.01    | 0.07    | 0.01    | 0.03       | 103.55  | ppb   |
| Uranium    | 238-1 | 0.32    | 0.33    | 0.32    | 0.32       | 1.57    | ppb   |
| Vanadium   | 51-2  | 2.25    | 2.21    | 2.17    | 2.21       | 1.68    | ppb   |
| Yttrium    | 89-1  |         |         |         |            |         | %     |
| Yttrium    | 89-2  |         |         |         |            |         | %     |
| Zinc       | 66-2  | 157.06  | 158.14  | 160.63  | 158.61     | 1.16    | ppb   |
| Zirconium  | 90-1  | 0.01    | 0.02    | 0.02    | 0.01       | 51.46   | ppb   |

|                         |                     |                   |                     |
|-------------------------|---------------------|-------------------|---------------------|
| LB Number :             | LB88853             | Operator :        | Jaswal              |
| Lab Sample ID :         | I4256-04DL2X250     | Instrumnet Name : | P7                  |
| Client Sample ID :      | MH0CC3S             | Dilution Factor : | 250                 |
| Date & Time Acquired :: | 2017-07-19 18:04:28 | DataFile Name :   | 087SMPL_P7071917 -M |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|-----------|------|---------|---------|---------|------------|---------|-------|
| Zirconium | 91-1 | 0.01    | 0.02    | 0.04    | 0.02       | 70.05   | ppb   |

|                         |                     |                   |                     |
|-------------------------|---------------------|-------------------|---------------------|
| LB Number :             | LB88853             | Operator :        | Jaswal              |
| Lab Sample ID :         | I4256-05DL2X250     | Instrumnet Name : | P7                  |
| Client Sample ID :      | MH0CC5              | Dilution Factor : | 250                 |
| Date & Time Acquired :: | 2017-07-19 18:07:56 | DataFile Name :   | 088SMPL_P7071917 -M |

| Parameter  | Mass  | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|------------|-------|---------|---------|---------|------------|---------|-------|
| Aluminium  | 27-2  | 86.16   | 85.55   | 88.42   | 86.71      | 1.75    | ppb   |
| Antimony   | 121-1 | 0.02    | 0.02    | 0.03    | 0.02       | 22.10   | ppb   |
| Arsenic    | 75-2  | 4.98    | 4.97    | 5.25    | 5.06       | 3.16    | ppb   |
| Barium     | 135-1 | -0.07   | -0.05   | -0.04   | -0.05      |         | ppb   |
| Barium     | 137-1 | -0.03   | -0.04   | -0.05   | -0.04      |         | ppb   |
| Beryllium  | 9-1   | -0.06   | -0.06   | -0.01   | -0.04      |         | ppb   |
| Bismuth    | 209-1 |         |         |         |            |         | %     |
| Bismuth    | 209-2 |         |         |         |            |         | %     |
| Boron      | 10-1  | 0.17    | 0.15    | 1.32    | 0.55       | 122.15  | ppb   |
| Boron      | 11-1  | 0.20    | 0.13    | 0.26    | 0.19       | 33.56   | ppb   |
| Cadmium    | 111-1 | 3.59    | 3.46    | 3.53    | 3.53       | 1.86    | ppb   |
| Cadmium    | 106-1 | 0.41    | -0.15   | 0.52    | 0.26       | 139.35  | ppb   |
| Cadmium    | 108-1 | 3.73    | 3.23    | 3.68    | 3.55       | 7.75    | ppb   |
| Calcium    | 43-1  | 1978.01 | 1975.41 | 1931.44 | 1961.62    | 1.33    | ppb   |
| Calcium    | 44-1  | 1994.74 | 1931.47 | 1945.94 | 1957.38    | 1.69    | ppb   |
| Chromium   | 52-2  | 0.02    | -0.01   | -0.01   | 0.00       |         | ppb   |
| Cobalt     | 59-2  | 6.51    | 6.38    | 6.38    | 6.43       | 1.18    | ppb   |
| Copper     | 63-2  | 26.49   | 26.37   | 26.71   | 26.53      | 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  | 663.99  | 657.15  | 660.33  | 660.49     | 0.52    | ppb   |
| Iron       | 57-2  | 660.86  | 657.77  | 658.12  | 658.92     | 0.26    | ppb   |
| Lead       | 206-1 | -0.05   | -0.07   | -0.06   | -0.06      |         | ppb   |
| Lead       | 207-1 | -0.03   | -0.04   | -0.07   | -0.05      |         | ppb   |
| Lead       | 208-1 | -0.06   | -0.06   | -0.06   | -0.06      |         | ppb   |
| Lithium    | 6-1   |         |         |         |            |         | %     |
| Magnesium  | 24-2  | 808.12  | 798.41  | 800.53  | 802.36     | 0.64    | ppb   |
| Manganese  | 55-2  | 1019.63 | 1012.50 | 1014.45 | 1015.52    | 0.36    | ppb   |



|                         |                     |                   |                     |
|-------------------------|---------------------|-------------------|---------------------|
| LB Number :             | LB88853             | Operator :        | Jaswal              |
| Lab Sample ID :         | I4256-05DL2X250     | Instrumnet Name : | P7                  |
| Client Sample ID :      | MH0CC5              | Dilution Factor : | 250                 |
| Date & Time Acquired :: | 2017-07-19 18:07:56 | DataFile Name :   | 088SMPL_P7071917 -M |

| Parameter  | Mass  | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|------------|-------|---------|---------|---------|------------|---------|-------|
| Molybdenum | 94-1  | 0.02    | 0.01    | 0.00    | 0.01       | 100.59  | ppb   |
| Molybdenum | 95-1  | -0.03   | -0.04   | -0.02   | -0.03      |         | ppb   |
| Molybdenum | 96-1  | -0.03   | -0.03   | -0.02   | -0.03      |         | ppb   |
| Molybdenum | 97-1  | -0.03   | -0.02   | -0.02   | -0.02      |         | ppb   |
| Molybdenum | 98-1  | -0.04   | -0.04   | -0.04   | -0.04      |         | ppb   |
| Neodymium  | 150-1 |         |         |         |            |         | cps   |
| Neodymium  | 150-2 |         |         |         |            |         | cps   |
| Nickel     | 60-2  | 1.56    | 1.52    | 1.64    | 1.57       | 3.77    | ppb   |
| Phosphorus | 31-2  | -0.64   | -21.65  | -9.69   | -10.66     |         | ppb   |
| Potassium  | 39-2  | 65.00   | 76.14   | 70.80   | 70.65      | 7.89    | ppb   |
| Rhodium    | 103-1 |         |         |         |            |         | %     |
| Rhodium    | 103-2 |         |         |         |            |         | %     |
| Scandium   | 45-1  |         |         |         |            |         | %     |
| Scandium   | 45-2  |         |         |         |            |         | %     |
| Selenium   | 77-2  | 1.48    | 2.95    | 2.93    | 2.45       | 34.22   | ppb   |
| Selenium   | 78-2  | -0.69   | -0.96   | -0.86   | -0.84      |         | ppb   |
| Selenium   | 82-1  | 0.91    | 1.16    | 1.05    | 1.04       | 12.42   | ppb   |
| Silicon    | 28-1  | 59.40   | 56.37   | 56.24   | 57.34      | 3.13    | ppb   |
| Silver     | 109-1 | 0.01    | 0.01    | 0.01    | 0.01       | 18.73   | ppb   |
| Silver     | 107-1 | 0.00    | 0.01    | 0.01    | 0.01       | 61.68   | ppb   |
| Sodium     | 23-2  | 263.48  | 254.79  | 262.66  | 260.31     | 1.84    | ppb   |
| Strontium  | 86-1  | 7.56    | 7.29    | 7.18    | 7.34       | 2.64    | ppb   |
| Strontium  | 88-1  | 7.50    | 7.43    | 7.42    | 7.45       | 0.56    | ppb   |
| Sulfur     | 34-1  | 5225.77 | 4906.79 | 4647.29 | 4926.62    | 5.88    | ppb   |
| Terbium    | 159-1 |         |         |         |            |         | %     |
| Terbium    | 159-2 |         |         |         |            |         | %     |
| Thallium   | 203-1 | -0.02   | -0.01   | -0.02   | -0.02      |         | ppb   |
| Thallium   | 205-1 | -0.02   | -0.01   | -0.01   | -0.01      |         | ppb   |
| Tin        | 118-1 | -0.02   | -0.01   | 0.00    | -0.01      |         | ppb   |
| Titanium   | 47-1  | 0.06    | 0.04    | -0.04   | 0.02       | 252.50  | ppb   |
| Uranium    | 238-1 | 0.35    | 0.34    | 0.31    | 0.34       | 5.80    | ppb   |
| Vanadium   | 51-2  | -0.02   | -0.03   | -0.03   | -0.02      |         | ppb   |
| Yttrium    | 89-1  |         |         |         |            |         | %     |
| Yttrium    | 89-2  |         |         |         |            |         | %     |
| Zinc       | 66-2  | 835.25  | 818.16  | 827.46  | 826.96     | 1.03    | ppb   |
| Zirconium  | 90-1  | 0.02    | 0.01    | 0.02    | 0.02       | 37.21   | ppb   |

|                         |                     |                   |                     |
|-------------------------|---------------------|-------------------|---------------------|
| LB Number :             | LB88853             | Operator :        | Jaswal              |
| Lab Sample ID :         | I4256-05DL2X250     | Instrumnet Name : | P7                  |
| Client Sample ID :      | MH0CC5              | Dilution Factor : | 250                 |
| Date & Time Acquired :: | 2017-07-19 18:07:56 | DataFile Name :   | 088SMPL_P7071917 -M |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|-----------|------|---------|---------|---------|------------|---------|-------|
| Zirconium | 91-1 | 0.02    | 0.01    | 0.04    | 0.02       | 81.33   | ppb   |

|                         |                     |                   |                      |
|-------------------------|---------------------|-------------------|----------------------|
| LB Number :             | LB88853             | Operator :        | Jaswal               |
| Lab Sample ID :         | CCV36               | Instrumnet Name : | P7                   |
| Client Sample ID :      | CCV36               | Dilution Factor : | 1                    |
| Date & Time Acquired :: | 2017-07-19 18:11:25 | DataFile Name :   | 089CCV_P7071917 -MS. |

| Parameter  | Mass  | ConRep1   | ConRep2   | ConRep3   | Avg. Conc. | ConcRSD | Units |
|------------|-------|-----------|-----------|-----------|------------|---------|-------|
| Aluminium  | 27-2  | 51181.08  | 52200.48  | 50651.51  | 51344.36   | 1.53    | ppb   |
| Antimony   | 121-1 | 468.47    | 487.23    | 481.20    | 478.97     | 2.00    | ppb   |
| Arsenic    | 75-2  | 498.33    | 510.19    | 506.25    | 504.93     | 1.20    | ppb   |
| Barium     | 135-1 | 2412.50   | 2499.31   | 2442.73   | 2451.51    | 1.80    | ppb   |
| Barium     | 137-1 | 2455.54   | 2545.50   | 2470.71   | 2490.59    | 1.93    | ppb   |
| Beryllium  | 9-1   | 497.97    | 509.56    | 502.46    | 503.33     | 1.16    | ppb   |
| Bismuth    | 209-1 |           |           |           |            |         | %     |
| Bismuth    | 209-2 |           |           |           |            |         | %     |
| Boron      | 10-1  | 470.95    | 491.44    | 498.93    | 487.11     | 2.97    | ppb   |
| Boron      | 11-1  | 480.53    | 504.11    | 498.51    | 494.38     | 2.49    | ppb   |
| Cadmium    | 111-1 | 462.58    | 477.69    | 470.26    | 470.18     | 1.61    | ppb   |
| Cadmium    | 106-1 | 462.37    | 468.43    | 474.28    | 468.36     | 1.27    | ppb   |
| Cadmium    | 108-1 | 461.19    | 472.45    | 470.18    | 467.94     | 1.27    | ppb   |
| Calcium    | 43-1  | 251729.25 | 259579.76 | 254040.46 | 255116.49  | 1.58    | ppb   |
| Calcium    | 44-1  | 247845.34 | 255388.97 | 249740.29 | 250991.53  | 1.56    | ppb   |
| Chromium   | 52-2  | 530.83    | 539.97    | 527.21    | 532.67     | 1.23    | ppb   |
| Cobalt     | 59-2  | 514.43    | 521.11    | 513.06    | 516.20     | 0.84    | ppb   |
| Copper     | 63-2  | 1009.39   | 1028.09   | 1012.81   | 1016.76    | 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  | 133189.95 | 134296.13 | 133508.90 | 133664.99  | 0.43    | ppb   |
| Iron       | 57-2  | 132393.29 | 134270.83 | 131722.77 | 132795.63  | 0.99    | ppb   |
| Lead       | 206-1 | 517.34    | 537.81    | 522.80    | 525.98     | 2.02    | ppb   |
| Lead       | 207-1 | 510.27    | 529.12    | 514.67    | 518.02     | 1.90    | ppb   |
| Lead       | 208-1 | 521.90    | 540.13    | 528.23    | 530.09     | 1.75    | ppb   |
| Lithium    | 6-1   |           |           |           |            |         | %     |
| Magnesium  | 24-2  | 252828.12 | 257889.83 | 252869.80 | 254529.25  | 1.14    | ppb   |
| Manganese  | 55-2  | 1028.87   | 1051.17   | 1031.09   | 1037.04    | 1.18    | ppb   |

|                         |                     |                   |                      |
|-------------------------|---------------------|-------------------|----------------------|
| LB Number :             | LB88853             | Operator :        | Jaswal               |
| Lab Sample ID :         | CCV36               | Instrumnet Name : | P7                   |
| Client Sample ID :      | CCV36               | Dilution Factor : | 1                    |
| Date & Time Acquired :: | 2017-07-19 18:11:25 | DataFile Name :   | 089CCV_P7071917 -MS. |

| Parameter  | Mass  | ConRep1   | ConRep2   | ConRep3   | Avg. Conc. | ConcRSD | Units |
|------------|-------|-----------|-----------|-----------|------------|---------|-------|
| Molybdenum | 94-1  | 502.52    | 520.18    | 509.47    | 510.72     | 1.74    | ppb   |
| Molybdenum | 95-1  | 506.26    | 525.67    | 511.01    | 514.31     | 1.97    | ppb   |
| Molybdenum | 96-1  | 502.09    | 519.66    | 509.32    | 510.36     | 1.73    | ppb   |
| Molybdenum | 97-1  | 501.42    | 524.17    | 509.84    | 511.81     | 2.25    | ppb   |
| Molybdenum | 98-1  | 511.60    | 529.88    | 515.84    | 519.11     | 1.84    | ppb   |
| Neodymium  | 150-1 |           |           |           |            |         | cps   |
| Neodymium  | 150-2 |           |           |           |            |         | cps   |
| Nickel     | 60-2  | 516.51    | 526.01    | 515.99    | 519.50     | 1.09    | ppb   |
| Phosphorus | 31-2  | 9844.72   | 10249.79  | 9965.37   | 10019.96   | 2.08    | ppb   |
| Potassium  | 39-2  | 127476.73 | 130604.83 | 127688.02 | 128589.86  | 1.36    | ppb   |
| Rhodium    | 103-1 |           |           |           |            |         | %     |
| Rhodium    | 103-2 |           |           |           |            |         | %     |
| Scandium   | 45-1  |           |           |           |            |         | %     |
| Scandium   | 45-2  |           |           |           |            |         | %     |
| Selenium   | 77-2  | 455.45    | 502.38    | 473.81    | 477.21     | 4.96    | ppb   |
| Selenium   | 78-2  | 489.97    | 505.56    | 519.81    | 505.11     | 2.95    | ppb   |
| Selenium   | 82-1  | 488.20    | 501.49    | 494.40    | 494.70     | 1.34    | ppb   |
| Silicon    | 28-1  | 504.72    | 524.10    | 519.97    | 516.26     | 1.98    | ppb   |
| Silver     | 109-1 | 456.87    | 471.24    | 460.08    | 462.73     | 1.63    | ppb   |
| Silver     | 107-1 | 456.28    | 469.75    | 464.31    | 463.45     | 1.46    | ppb   |
| Sodium     | 23-2  | 256563.86 | 259284.87 | 252878.21 | 256242.31  | 1.25    | ppb   |
| Strontium  | 86-1  | 512.43    | 530.93    | 518.16    | 520.51     | 1.82    | ppb   |
| Strontium  | 88-1  | 521.76    | 542.98    | 530.41    | 531.72     | 2.01    | ppb   |
| Sulfur     | 34-1  | 10125.90  | 10972.43  | 10527.40  | 10541.91   | 4.02    | ppb   |
| Terbium    | 159-1 |           |           |           |            |         | %     |
| Terbium    | 159-2 |           |           |           |            |         | %     |
| Thallium   | 203-1 | 512.76    | 530.92    | 519.86    | 521.18     | 1.76    | ppb   |
| Thallium   | 205-1 | 522.93    | 544.81    | 525.43    | 531.06     | 2.25    | ppb   |
| Tin        | 118-1 | 479.52    | 494.26    | 486.47    | 486.75     | 1.51    | ppb   |
| Titanium   | 47-1  | 511.26    | 522.87    | 514.83    | 516.32     | 1.15    | ppb   |
| Uranium    | 238-1 | 540.22    | 565.56    | 542.86    | 549.54     | 2.53    | ppb   |
| Vanadium   | 51-2  | 520.52    | 528.05    | 516.91    | 521.83     | 1.09    | ppb   |
| Yttrium    | 89-1  |           |           |           |            |         | %     |
| Yttrium    | 89-2  |           |           |           |            |         | %     |
| Zinc       | 66-2  | 1004.72   | 1028.33   | 1007.68   | 1013.58    | 1.27    | ppb   |
| Zirconium  | 90-1  | 496.97    | 514.22    | 506.61    | 505.93     | 1.71    | ppb   |

|                         |                     |                   |                      |
|-------------------------|---------------------|-------------------|----------------------|
| LB Number :             | LB88853             | Operator :        | Jaswal               |
| Lab Sample ID :         | CCV36               | Instrumnet Name : | P7                   |
| Client Sample ID :      | CCV36               | Dilution Factor : | 1                    |
| Date & Time Acquired :: | 2017-07-19 18:11:25 | DataFile Name :   | 089CCV_P7071917 -MS. |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|-----------|------|---------|---------|---------|------------|---------|-------|
| Zirconium | 91-1 | 492.14  | 510.25  | 499.82  | 500.74     | 1.82    | ppb   |

|                         |                     |                   |                      |
|-------------------------|---------------------|-------------------|----------------------|
| LB Number :             | LB88853             | Operator :        | Jaswal               |
| Lab Sample ID :         | CCB36               | Instrumnet Name : | P7                   |
| Client Sample ID :      | CCB36               | Dilution Factor : | 1                    |
| Date & Time Acquired :: | 2017-07-19 18:28:47 | DataFile Name :   | 090CCBE_P7071917 -M: |

| Parameter  | Mass  | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|------------|-------|---------|---------|---------|------------|---------|-------|
| Aluminium  | 27-2  | 0.38    | 0.37    | 0.03    | 0.26       | 75.74   | ppb   |
| Antimony   | 121-1 | 0.11    | 0.10    | 0.11    | 0.11       | 6.51    | ppb   |
| Arsenic    | 75-2  | -0.02   | 0.00    | -0.04   | -0.02      |         | ppb   |
| Barium     | 135-1 | -0.10   | -0.10   | -0.09   | -0.09      |         | ppb   |
| Barium     | 137-1 | -0.06   | -0.07   | -0.06   | -0.07      |         | ppb   |
| Beryllium  | 9-1   | 0.01    | -0.01   | -0.06   | -0.02      |         | ppb   |
| Bismuth    | 209-1 |         |         |         |            |         | %     |
| Bismuth    | 209-2 |         |         |         |            |         | %     |
| Boron      | 10-1  | 2.32    | 1.97    | 1.70    | 1.99       | 15.51   | ppb   |
| Boron      | 11-1  | 2.17    | 2.96    | 2.40    | 2.51       | 16.17   | ppb   |
| Cadmium    | 111-1 | -0.35   | -0.34   | -0.33   | -0.34      |         | ppb   |
| Cadmium    | 106-1 | -4.28   | -4.02   | -4.06   | -4.12      |         | ppb   |
| Cadmium    | 108-1 | -0.01   | 0.02    | -0.05   | -0.01      |         | ppb   |
| Calcium    | 43-1  | 2.27    | 1.92    | -2.04   | 0.72       | 333.31  | ppb   |
| Calcium    | 44-1  | -5.42   | -4.49   | -5.04   | -4.99      |         | ppb   |
| Chromium   | 52-2  | 0.05    | 0.02    | 0.00    | 0.02       | 101.50  | ppb   |
| Cobalt     | 59-2  | -0.06   | -0.05   | -0.05   | -0.06      |         | ppb   |
| Copper     | 63-2  | -0.11   | -0.10   | -0.13   | -0.11      |         | ppb   |
| Dysprosium | 156-1 |         |         |         |            |         | 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  | 1.23    | 1.32    | 1.46    | 1.33       | 8.58    | ppb   |
| Iron       | 57-2  | 1.61    | 3.11    | 4.53    | 3.08       | 47.39   | ppb   |
| Lead       | 206-1 | -0.08   | -0.07   | -0.09   | -0.08      |         | ppb   |
| Lead       | 207-1 | -0.08   | -0.05   | -0.05   | -0.06      |         | ppb   |
| Lead       | 208-1 | -0.07   | -0.07   | -0.07   | -0.07      |         | ppb   |
| Lithium    | 6-1   |         |         |         |            |         | %     |
| Magnesium  | 24-2  | -2.90   | -4.34   | -2.78   | -3.34      |         | ppb   |
| Manganese  | 55-2  | 0.37    | 0.49    | 0.50    | 0.45       | 16.62   | ppb   |

|                         |                     |                   |                     |
|-------------------------|---------------------|-------------------|---------------------|
| LB Number :             | LB88853             | Operator :        | Jaswal              |
| Lab Sample ID :         | CCB36               | Instrumnet Name : | P7                  |
| Client Sample ID :      | CCB36               | Dilution Factor : | 1                   |
| Date & Time Acquired :: | 2017-07-19 18:28:47 | DataFile Name :   | 090CCBE_P7071917 -M |

| Parameter  | Mass  | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|------------|-------|---------|---------|---------|------------|---------|-------|
| Molybdenum | 94-1  | 0.08    | 0.07    | 0.05    | 0.07       | 20.63   | ppb   |
| Molybdenum | 95-1  | -0.03   | -0.04   | -0.03   | -0.03      |         | ppb   |
| Molybdenum | 96-1  | 0.01    | 0.01    | -0.01   | 0.00       | 885.95  | ppb   |
| Molybdenum | 97-1  | -0.02   | -0.01   | 0.00    | -0.01      |         | ppb   |
| Molybdenum | 98-1  | -0.03   | -0.03   | -0.01   | -0.02      |         | ppb   |
| Neodymium  | 150-1 |         |         |         |            |         | cps   |
| Neodymium  | 150-2 |         |         |         |            |         | cps   |
| Nickel     | 60-2  | -0.44   | -0.49   | -0.40   | -0.44      |         | ppb   |
| Phosphorus | 31-2  | -7.72   | -23.49  | -2.24   | -11.15     |         | ppb   |
| Potassium  | 39-2  | 15.13   | 20.51   | 25.99   | 20.54      | 26.43   | ppb   |
| Rhodium    | 103-1 |         |         |         |            |         | %     |
| Rhodium    | 103-2 |         |         |         |            |         | %     |
| Scandium   | 45-1  |         |         |         |            |         | %     |
| Scandium   | 45-2  |         |         |         |            |         | %     |
| Selenium   | 77-2  | 0.00    | 0.00    | 0.00    | 0.00       | N/A     | ppb   |
| Selenium   | 78-2  | -0.51   | -1.13   | -1.16   | -0.93      |         | ppb   |
| Selenium   | 82-1  | 0.34    | -0.24   | 0.82    | 0.31       | 172.42  | ppb   |
| Silicon    | 28-1  | 5.28    | 5.93    | 4.80    | 5.34       | 10.67   | ppb   |
| Silver     | 109-1 | 0.00    | 0.02    | 0.01    | 0.01       | 73.52   | ppb   |
| Silver     | 107-1 | 0.01    | 0.01    | 0.00    | 0.01       | 42.54   | ppb   |
| Sodium     | 23-2  | 18.56   | 19.10   | 17.24   | 18.30      | 5.23    | ppb   |
| Strontium  | 86-1  | 0.03    | 0.03    | 0.01    | 0.02       | 56.76   | ppb   |
| Strontium  | 88-1  | 0.00    | 0.00    | 0.00    | 0.00       |         | ppb   |
| Sulfur     | 34-1  | 535.74  | 552.07  | 589.02  | 558.94     | 4.88    | ppb   |
| Terbium    | 159-1 |         |         |         |            |         | %     |
| Terbium    | 159-2 |         |         |         |            |         | %     |
| Thallium   | 203-1 | -0.03   | -0.02   | -0.02   | -0.02      |         | ppb   |
| Thallium   | 205-1 | -0.01   | -0.01   | -0.01   | -0.01      |         | ppb   |
| Tin        | 118-1 | 0.22    | 0.03    | 0.09    | 0.11       | 84.91   | ppb   |
| Titanium   | 47-1  | -0.02   | 0.02    | -0.01   | -0.01      |         | ppb   |
| Uranium    | 238-1 | -0.07   | -0.07   | -0.07   | -0.07      |         | ppb   |
| Vanadium   | 51-2  | -0.03   | -0.03   | -0.03   | -0.03      |         | ppb   |
| Yttrium    | 89-1  |         |         |         |            |         | %     |
| Yttrium    | 89-2  |         |         |         |            |         | %     |
| Zinc       | 66-2  | 0.35    | 0.04    | 0.19    | 0.19       | 81.48   | ppb   |
| Zirconium  | 90-1  | 0.08    | 0.10    | 0.09    | 0.09       | 7.77    | ppb   |

|                         |                     |                   |                      |
|-------------------------|---------------------|-------------------|----------------------|
| LB Number :             | LB88853             | Operator :        | Jaswal               |
| Lab Sample ID :         | CCB36               | Instrumnet Name : | P7                   |
| Client Sample ID :      | CCB36               | Dilution Factor : | 1                    |
| Date & Time Acquired :: | 2017-07-19 18:28:47 | DataFile Name :   | 090CCBE_P7071917 -M: |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|-----------|------|---------|---------|---------|------------|---------|-------|
| Zirconium | 91-1 | 0.13    | 0.09    | 0.09    | 0.10       | 21.03   | ppb   |



|                         |                     |                   |                     |
|-------------------------|---------------------|-------------------|---------------------|
| LB Number :             | LB88853             | Operator :        | Jaswal              |
| Lab Sample ID :         | I4255-03A           | Instrumnet Name : | P7                  |
| Client Sample ID :      | MH0CC4A             | Dilution Factor : | 1                   |
| Date & Time Acquired :: | 2017-07-19 18:32:55 | DataFile Name :   | 091SMPL_P7071917 -M |

| Parameter  | Mass  | ConRep1   | ConRep2   | ConRep3   | Avg. Conc. | ConcRSD | Units |
|------------|-------|-----------|-----------|-----------|------------|---------|-------|
| Aluminium  | 27-2  | 39219.49  | 39018.20  | 39004.62  | 39080.77   | 0.31    | ppb   |
| Antimony   | 121-1 | 3.54      | 3.59      | 3.59      | 3.58       | 0.78    | ppb   |
| Arsenic    | 75-2  | 235.03    | 233.13    | 233.96    | 234.04     | 0.41    | ppb   |
| Barium     | 135-1 | 14.74     | 14.76     | 14.66     | 14.72      | 0.36    | ppb   |
| Barium     | 137-1 | 15.04     | 14.77     | 15.13     | 14.98      | 1.25    | ppb   |
| Beryllium  | 9-1   | 13.43     | 13.07     | 13.25     | 13.25      | 1.36    | ppb   |
| Bismuth    | 209-1 |           |           |           |            |         | %     |
| Bismuth    | 209-2 |           |           |           |            |         | %     |
| Boron      | 10-1  | 10.96     | 10.45     | 12.15     | 11.19      | 7.81    | ppb   |
| Boron      | 11-1  | 12.10     | 12.65     | 12.02     | 12.26      | 2.76    | ppb   |
| Cadmium    | 111-1 | 210.10    | 208.79    | 211.54    | 210.14     | 0.65    | ppb   |
| Cadmium    | 106-1 | 199.39    | 194.19    | 199.28    | 197.62     | 1.50    | ppb   |
| Cadmium    | 108-1 | 198.63    | 193.06    | 198.15    | 196.61     | 1.57    | ppb   |
| Calcium    | 43-1  | 108477.77 | 108878.30 | 107897.64 | 108417.90  | 0.45    | ppb   |
| Calcium    | 44-1  | 107720.60 | 108262.60 | 107929.40 | 107970.87  | 0.25    | ppb   |
| Chromium   | 52-2  | 5.12      | 4.96      | 4.84      | 4.97       | 2.87    | ppb   |
| Cobalt     | 59-2  | 136.59    | 137.30    | 136.08    | 136.66     | 0.45    | ppb   |
| Copper     | 63-2  | 1813.21   | 1819.50   | 1807.21   | 1813.31    | 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  | 9126.78   | 9185.36   | 9100.47   | 9137.53    | 0.48    | ppb   |
| Iron       | 57-2  | 9093.14   | 9166.71   | 9022.71   | 9094.19    | 0.79    | ppb   |
| Lead       | 206-1 | 137.15    | 136.87    | 136.17    | 136.73     | 0.37    | ppb   |
| Lead       | 207-1 | 128.11    | 128.06    | 126.84    | 127.67     | 0.56    | ppb   |
| Lead       | 208-1 | 133.66    | 133.47    | 132.68    | 133.27     | 0.39    | ppb   |
| Lithium    | 6-1   |           |           |           |            |         | %     |
| Magnesium  | 24-2  | 47820.39  | 48089.37  | 47430.18  | 47779.98   | 0.69    | ppb   |
| Manganese  | 55-2  | 65776.23  | 65577.82  | 65221.11  | 65525.05   | 0.43    | ppb   |

|                         |                     |                   |                     |
|-------------------------|---------------------|-------------------|---------------------|
| LB Number :             | LB88853             | Operator :        | Jaswal              |
| Lab Sample ID :         | I4255-03A           | Instrumnet Name : | P7                  |
| Client Sample ID :      | MH0CC4A             | Dilution Factor : | 1                   |
| Date & Time Acquired :: | 2017-07-19 18:32:55 | DataFile Name :   | 091SMPL_P7071917 -M |

| Parameter  | Mass  | ConRep1   | ConRep2   | ConRep3   | Avg. Conc. | ConcRSD | Units |
|------------|-------|-----------|-----------|-----------|------------|---------|-------|
| Molybdenum | 94-1  | 0.32      | 0.32      | 0.30      | 0.31       | 4.72    | ppb   |
| Molybdenum | 95-1  | 0.36      | 0.38      | 0.37      | 0.37       | 2.97    | ppb   |
| Molybdenum | 96-1  | 0.05      | 0.08      | 0.06      | 0.06       | 19.15   | ppb   |
| Molybdenum | 97-1  | -0.02     | -0.02     | -0.01     | -0.02      |         | ppb   |
| Molybdenum | 98-1  | -0.03     | -0.02     | -0.02     | -0.02      |         | ppb   |
| Neodymium  | 150-1 |           |           |           |            |         | cps   |
| Neodymium  | 150-2 |           |           |           |            |         | cps   |
| Nickel     | 60-2  | 93.08     | 93.03     | 92.51     | 92.87      | 0.34    | ppb   |
| Phosphorus | 31-2  | 74.97     | 66.47     | 63.09     | 68.17      | 8.98    | ppb   |
| Potassium  | 39-2  | 5059.23   | 5025.10   | 5017.40   | 5033.91    | 0.44    | ppb   |
| Rhodium    | 103-1 |           |           |           |            |         | %     |
| Rhodium    | 103-2 |           |           |           |            |         | %     |
| Scandium   | 45-1  |           |           |           |            |         | %     |
| Scandium   | 45-2  |           |           |           |            |         | %     |
| Selenium   | 77-2  | 136.35    | 138.56    | 141.93    | 138.94     | 2.02    | ppb   |
| Selenium   | 78-2  | 22.08     | 21.14     | 21.61     | 21.61      | 2.17    | ppb   |
| Selenium   | 82-1  | 6.80      | 7.85      | 6.54      | 7.06       | 9.85    | ppb   |
| Silicon    | 28-1  | 8588.92   | 8630.24   | 8594.91   | 8604.69    | 0.26    | ppb   |
| Silver     | 109-1 | 0.55      | 0.50      | 0.52      | 0.52       | 4.60    | ppb   |
| Silver     | 107-1 | 0.52      | 0.56      | 0.57      | 0.55       | 4.95    | ppb   |
| Sodium     | 23-2  | 14473.75  | 14417.08  | 14418.15  | 14436.33   | 0.22    | ppb   |
| Strontium  | 86-1  | 117.79    | 117.10    | 118.20    | 117.70     | 0.47    | ppb   |
| Strontium  | 88-1  | 120.42    | 120.04    | 120.95    | 120.47     | 0.38    | ppb   |
| Sulfur     | 34-1  | 266475.19 | 269131.68 | 270127.47 | 268578.11  | 0.70    | ppb   |
| Terbium    | 159-1 |           |           |           |            |         | %     |
| Terbium    | 159-2 |           |           |           |            |         | %     |
| Thallium   | 203-1 | 0.14      | 0.13      | 0.11      | 0.13       | 10.46   | ppb   |
| Thallium   | 205-1 | 0.14      | 0.12      | 0.11      | 0.12       | 13.08   | ppb   |
| Tin        | 118-1 | -0.02     | -0.03     | -0.01     | -0.02      |         | ppb   |
| Titanium   | 47-1  | 1.25      | 1.07      | 1.16      | 1.16       | 7.67    | ppb   |
| Uranium    | 238-1 | 94.61     | 94.31     | 94.05     | 94.32      | 0.30    | ppb   |
| Vanadium   | 51-2  | 0.07      | 0.06      | 0.07      | 0.07       | 13.69   | ppb   |
| Yttrium    | 89-1  |           |           |           |            |         | %     |
| Yttrium    | 89-2  |           |           |           |            |         | %     |
| Zinc       | 66-2  | 36607.89  | 36840.45  | 36194.71  | 36547.68   | 0.89    | ppb   |
| Zirconium  | 90-1  | 0.47      | 0.46      | 0.47      | 0.46       | 1.34    | ppb   |

|                         |                     |                   |                     |
|-------------------------|---------------------|-------------------|---------------------|
| LB Number :             | LB88853             | Operator :        | Jaswal              |
| Lab Sample ID :         | I4255-03A           | Instrumnet Name : | P7                  |
| Client Sample ID :      | MH0CC4A             | Dilution Factor : | 1                   |
| Date & Time Acquired :: | 2017-07-19 18:32:55 | DataFile Name :   | 091SMPL_P7071917 -M |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|-----------|------|---------|---------|---------|------------|---------|-------|
| Zirconium | 91-1 | 0.50    | 0.51    | 0.50    | 0.50       | 1.08    | ppb   |

|                         |                     |                   |                     |
|-------------------------|---------------------|-------------------|---------------------|
| LB Number :             | LB88853             | Operator :        | Jaswal              |
| Lab Sample ID :         | I4256-02A           | Instrumnet Name : | P7                  |
| Client Sample ID :      | MH0CC3A             | Dilution Factor : | 1                   |
| Date & Time Acquired :: | 2017-07-19 18:36:20 | DataFile Name :   | 092SMPL_P7071917 -M |

| Parameter  | Mass  | ConRep1   | ConRep2   | ConRep3   | Avg. Conc. | ConcRSD | Units |
|------------|-------|-----------|-----------|-----------|------------|---------|-------|
| Aluminium  | 27-2  | 39123.37  | 38874.53  | 40332.84  | 39443.58   | 1.98    | ppb   |
| Antimony   | 121-1 | 3.44      | 3.57      | 3.36      | 3.46       | 3.02    | ppb   |
| Arsenic    | 75-2  | 226.25    | 226.00    | 226.67    | 226.31     | 0.15    | ppb   |
| Barium     | 135-1 | 15.27     | 15.27     | 14.93     | 15.15      | 1.29    | ppb   |
| Barium     | 137-1 | 15.24     | 15.27     | 15.19     | 15.23      | 0.27    | ppb   |
| Beryllium  | 9-1   | 13.64     | 13.80     | 13.80     | 13.75      | 0.68    | ppb   |
| Bismuth    | 209-1 |           |           |           |            |         | %     |
| Bismuth    | 209-2 |           |           |           |            |         | %     |
| Boron      | 10-1  | 12.63     | 11.97     | 10.38     | 11.66      | 9.96    | ppb   |
| Boron      | 11-1  | 11.87     | 12.60     | 12.68     | 12.39      | 3.62    | ppb   |
| Cadmium    | 111-1 | 216.12    | 217.82    | 212.86    | 215.60     | 1.17    | ppb   |
| Cadmium    | 106-1 | 201.97    | 203.09    | 197.79    | 200.95     | 1.39    | ppb   |
| Cadmium    | 108-1 | 209.17    | 206.63    | 204.89    | 206.90     | 1.04    | ppb   |
| Calcium    | 43-1  | 110682.57 | 110941.15 | 110005.64 | 110543.12  | 0.44    | ppb   |
| Calcium    | 44-1  | 109920.17 | 110550.21 | 110093.45 | 110187.95  | 0.30    | ppb   |
| Chromium   | 52-2  | 5.02      | 4.79      | 5.00      | 4.94       | 2.64    | ppb   |
| Cobalt     | 59-2  | 138.11    | 138.01    | 141.74    | 139.29     | 1.53    | ppb   |
| Copper     | 63-2  | 1826.89   | 1816.84   | 1892.67   | 1845.47    | 2.23    | ppb   |
| Dysprosium | 156-1 |           |           |           |            |         | cps   |
| Dysprosium | 156-2 |           |           |           |            |         | cps   |
| Erbium     | 164-1 |           |           |           |            |         | cps   |
| Erbium     | 164-2 |           |           |           |            |         | cps   |
| Gadolinium | 160-1 |           |           |           |            |         | cps   |
| Gadolinium | 160-2 |           |           |           |            |         | cps   |
| Holmium    | 165-1 |           |           |           |            |         | %     |
| Holmium    | 165-2 |           |           |           |            |         | %     |
| Indium     | 115-1 |           |           |           |            |         | %     |
| Indium     | 115-2 |           |           |           |            |         | %     |
| Iron       | 56-2  | 8994.49   | 8916.26   | 9241.84   | 9050.86    | 1.88    | ppb   |
| Iron       | 57-2  | 8842.07   | 8818.21   | 9147.43   | 8935.90    | 2.05    | ppb   |
| Lead       | 206-1 | 136.47    | 136.27    | 136.14    | 136.30     | 0.12    | ppb   |
| Lead       | 207-1 | 127.58    | 126.42    | 127.01    | 127.00     | 0.45    | ppb   |
| Lead       | 208-1 | 132.66    | 132.24    | 132.56    | 132.49     | 0.17    | ppb   |
| Lithium    | 6-1   |           |           |           |            |         | %     |
| Magnesium  | 24-2  | 47915.95  | 47552.21  | 49171.42  | 48213.19   | 1.76    | ppb   |
| Manganese  | 55-2  | 65968.56  | 65223.92  | 67601.07  | 66264.52   | 1.83    | ppb   |

|                         |                     |                   |                     |
|-------------------------|---------------------|-------------------|---------------------|
| LB Number :             | LB88853             | Operator :        | Jaswal              |
| Lab Sample ID :         | I4256-02A           | Instrumnet Name : | P7                  |
| Client Sample ID :      | MH0CC3A             | Dilution Factor : | 1                   |
| Date & Time Acquired :: | 2017-07-19 18:36:20 | DataFile Name :   | 092SMPL_P7071917 -M |

| Parameter  | Mass  | ConRep1   | ConRep2   | ConRep3   | Avg. Conc. | ConcRSD | Units |
|------------|-------|-----------|-----------|-----------|------------|---------|-------|
| Molybdenum | 94-1  | 0.31      | 0.28      | 0.31      | 0.30       | 4.71    | ppb   |
| Molybdenum | 95-1  | 0.42      | 0.38      | 0.41      | 0.40       | 4.57    | ppb   |
| Molybdenum | 96-1  | 0.07      | 0.05      | 0.05      | 0.06       | 16.47   | ppb   |
| Molybdenum | 97-1  | -0.02     | -0.03     | -0.02     | -0.02      |         | ppb   |
| Molybdenum | 98-1  | -0.03     | -0.03     | -0.03     | -0.03      |         | ppb   |
| Neodymium  | 150-1 |           |           |           |            |         | cps   |
| Neodymium  | 150-2 |           |           |           |            |         | cps   |
| Nickel     | 60-2  | 92.77     | 92.44     | 97.61     | 94.28      | 3.07    | ppb   |
| Phosphorus | 31-2  | 38.30     | 80.17     | 20.31     | 46.26      | 66.39   | ppb   |
| Potassium  | 39-2  | 5031.03   | 5031.95   | 5223.14   | 5095.37    | 2.17    | ppb   |
| Rhodium    | 103-1 |           |           |           |            |         | %     |
| Rhodium    | 103-2 |           |           |           |            |         | %     |
| Scandium   | 45-1  |           |           |           |            |         | %     |
| Scandium   | 45-2  |           |           |           |            |         | %     |
| Selenium   | 77-2  | 140.64    | 141.38    | 139.98    | 140.67     | 0.50    | ppb   |
| Selenium   | 78-2  | 21.38     | 21.77     | 21.70     | 21.62      | 0.96    | ppb   |
| Selenium   | 82-1  | 7.32      | 7.40      | 7.08      | 7.27       | 2.25    | ppb   |
| Silicon    | 28-1  | 8707.54   | 8709.01   | 8681.52   | 8699.36    | 0.18    | ppb   |
| Silver     | 109-1 | 0.52      | 0.55      | 0.52      | 0.53       | 3.48    | ppb   |
| Silver     | 107-1 | 0.57      | 0.64      | 0.63      | 0.62       | 6.31    | ppb   |
| Sodium     | 23-2  | 14507.74  | 14361.96  | 14897.19  | 14588.96   | 1.90    | ppb   |
| Strontium  | 86-1  | 118.28    | 118.31    | 117.11    | 117.90     | 0.58    | ppb   |
| Strontium  | 88-1  | 120.55    | 121.81    | 120.37    | 120.91     | 0.65    | ppb   |
| Sulfur     | 34-1  | 273528.83 | 274794.50 | 272566.23 | 273629.85  | 0.41    | ppb   |
| Terbium    | 159-1 |           |           |           |            |         | %     |
| Terbium    | 159-2 |           |           |           |            |         | %     |
| Thallium   | 203-1 | 0.05      | 0.06      | 0.07      | 0.06       | 10.82   | ppb   |
| Thallium   | 205-1 | 0.09      | 0.09      | 0.09      | 0.09       | 3.84    | ppb   |
| Tin        | 118-1 | -0.03     | -0.03     | -0.05     | -0.04      |         | ppb   |
| Titanium   | 47-1  | 1.30      | 1.41      | 1.19      | 1.30       | 8.58    | ppb   |
| Uranium    | 238-1 | 96.75     | 96.28     | 96.51     | 96.51      | 0.24    | ppb   |
| Vanadium   | 51-2  | 0.06      | 0.05      | 0.03      | 0.05       | 32.79   | ppb   |
| Yttrium    | 89-1  |           |           |           |            |         | %     |
| Yttrium    | 89-2  |           |           |           |            |         | %     |
| Zinc       | 66-2  | 37057.12  | 36644.66  | 38191.91  | 37297.90   | 2.15    | ppb   |
| Zirconium  | 90-1  | 0.43      | 0.41      | 0.42      | 0.42       | 1.78    | ppb   |

|                         |                     |                   |                     |
|-------------------------|---------------------|-------------------|---------------------|
| LB Number :             | LB88853             | Operator :        | Jaswal              |
| Lab Sample ID :         | I4256-02A           | Instrumnet Name : | P7                  |
| Client Sample ID :      | MH0CC3A             | Dilution Factor : | 1                   |
| Date & Time Acquired :: | 2017-07-19 18:36:20 | DataFile Name :   | 092SMPL_P7071917 -M |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|-----------|------|---------|---------|---------|------------|---------|-------|
| Zirconium | 91-1 | 0.48    | 0.46    | 0.45    | 0.46       | 3.93    | ppb   |

|                         |                     |                   |                     |
|-------------------------|---------------------|-------------------|---------------------|
| LB Number :             | LB88853             | Operator :        | Jaswal              |
| Lab Sample ID :         | I4255-03ADLX2       | Instrumnet Name : | P7                  |
| Client Sample ID :      | MH0CC4A             | Dilution Factor : | 2                   |
| Date & Time Acquired :: | 2017-07-19 18:39:44 | DataFile Name :   | 093SMPL_P7071917 -M |

| Parameter  | Mass  | ConRep1  | ConRep2  | ConRep3  | Avg. Conc. | ConcRSD | Units |
|------------|-------|----------|----------|----------|------------|---------|-------|
| Aluminium  | 27-2  | 19760.49 | 19818.00 | 19752.77 | 19777.09   | 0.18    | ppb   |
| Antimony   | 121-1 | 1.96     | 1.85     | 1.89     | 1.90       | 3.07    | ppb   |
| Arsenic    | 75-2  | 176.22   | 175.04   | 175.26   | 175.51     | 0.36    | ppb   |
| Barium     | 135-1 | 7.75     | 7.56     | 7.86     | 7.72       | 1.97    | ppb   |
| Barium     | 137-1 | 7.99     | 7.65     | 7.55     | 7.73       | 3.03    | ppb   |
| Beryllium  | 9-1   | 6.54     | 6.85     | 6.94     | 6.78       | 3.09    | ppb   |
| Bismuth    | 209-1 |          |          |          |            |         | %     |
| Bismuth    | 209-2 |          |          |          |            |         | %     |
| Boron      | 10-1  | 6.53     | 7.73     | 6.72     | 6.99       | 9.19    | ppb   |
| Boron      | 11-1  | 7.48     | 7.32     | 7.44     | 7.41       | 1.14    | ppb   |
| Cadmium    | 111-1 | 112.49   | 109.24   | 111.11   | 110.95     | 1.47    | ppb   |
| Cadmium    | 106-1 | 104.87   | 103.51   | 103.90   | 104.09     | 0.68    | ppb   |
| Cadmium    | 108-1 | 108.89   | 103.46   | 111.52   | 107.96     | 3.80    | ppb   |
| Calcium    | 43-1  | 55967.68 | 55127.99 | 56315.52 | 55803.73   | 1.09    | ppb   |
| Calcium    | 44-1  | 55332.32 | 55267.00 | 56220.60 | 55606.64   | 0.96    | ppb   |
| Chromium   | 52-2  | 2.53     | 2.55     | 2.50     | 2.53       | 1.10    | ppb   |
| Cobalt     | 59-2  | 69.99    | 70.32    | 70.08    | 70.13      | 0.24    | ppb   |
| Copper     | 63-2  | 926.94   | 938.29   | 935.11   | 933.45     | 0.63    | 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  | 4698.91  | 4705.69  | 4746.46  | 4717.02    | 0.55    | ppb   |
| Iron       | 57-2  | 4588.51  | 4655.55  | 4602.60  | 4615.55    | 0.77    | ppb   |
| Lead       | 206-1 | 70.27    | 68.36    | 70.56    | 69.73      | 1.72    | ppb   |
| Lead       | 207-1 | 65.13    | 64.11    | 65.56    | 64.94      | 1.15    | ppb   |
| Lead       | 208-1 | 68.23    | 66.42    | 68.20    | 67.62      | 1.53    | ppb   |
| Lithium    | 6-1   |          |          |          |            |         | %     |
| Magnesium  | 24-2  | 24191.63 | 24370.03 | 24176.18 | 24245.95   | 0.44    | ppb   |
| Manganese  | 55-2  | 33450.28 | 33563.02 | 33400.34 | 33471.21   | 0.25    | ppb   |

|                         |                     |                   |                     |
|-------------------------|---------------------|-------------------|---------------------|
| LB Number :             | LB88853             | Operator :        | Jaswal              |
| Lab Sample ID :         | I4255-03ADLX2       | Instrumnet Name : | P7                  |
| Client Sample ID :      | MH0CC4A             | Dilution Factor : | 2                   |
| Date & Time Acquired :: | 2017-07-19 18:39:44 | DataFile Name :   | 093SMPL_P7071917 -M |

| Parameter  | Mass  | ConRep1   | ConRep2   | ConRep3   | Avg. Conc. | ConcRSD | Units |
|------------|-------|-----------|-----------|-----------|------------|---------|-------|
| Molybdenum | 94-1  | 0.24      | 0.24      | 0.25      | 0.24       | 3.68    | ppb   |
| Molybdenum | 95-1  | 0.33      | 0.33      | 0.29      | 0.31       | 7.52    | ppb   |
| Molybdenum | 96-1  | 0.04      | 0.04      | 0.06      | 0.05       | 29.28   | ppb   |
| Molybdenum | 97-1  | -0.02     | -0.01     | -0.02     | -0.02      |         | ppb   |
| Molybdenum | 98-1  | -0.03     | -0.03     | -0.02     | -0.03      |         | ppb   |
| Neodymium  | 150-1 |           |           |           |            |         | cps   |
| Neodymium  | 150-2 |           |           |           |            |         | cps   |
| Nickel     | 60-2  | 47.56     | 48.51     | 47.30     | 47.79      | 1.33    | ppb   |
| Phosphorus | 31-2  | 10.59     | 16.82     | 7.74      | 11.71      | 39.62   | ppb   |
| Potassium  | 39-2  | 2596.65   | 2587.93   | 2606.36   | 2596.98    | 0.35    | ppb   |
| Rhodium    | 103-1 |           |           |           |            |         | %     |
| Rhodium    | 103-2 |           |           |           |            |         | %     |
| Scandium   | 45-1  |           |           |           |            |         | %     |
| Scandium   | 45-2  |           |           |           |            |         | %     |
| Selenium   | 77-2  | 112.40    | 113.93    | 101.41    | 109.25     | 6.25    | ppb   |
| Selenium   | 78-2  | 17.55     | 16.30     | 16.44     | 16.76      | 4.07    | ppb   |
| Selenium   | 82-1  | 6.15      | 5.50      | 5.65      | 5.77       | 5.82    | ppb   |
| Silicon    | 28-1  | 4383.27   | 4364.88   | 4459.02   | 4402.39    | 1.13    | ppb   |
| Silver     | 109-1 | 0.32      | 0.34      | 0.33      | 0.33       | 3.26    | ppb   |
| Silver     | 107-1 | 0.35      | 0.35      | 0.37      | 0.36       | 3.82    | ppb   |
| Sodium     | 23-2  | 7268.14   | 7274.90   | 7290.07   | 7277.70    | 0.15    | ppb   |
| Strontium  | 86-1  | 87.91     | 88.59     | 87.96     | 88.15      | 0.43    | ppb   |
| Strontium  | 88-1  | 90.01     | 90.23     | 89.77     | 90.00      | 0.26    | ppb   |
| Sulfur     | 34-1  | 159146.23 | 158759.65 | 161993.93 | 159966.60  | 1.10    | ppb   |
| Terbium    | 159-1 |           |           |           |            |         | %     |
| Terbium    | 159-2 |           |           |           |            |         | %     |
| Thallium   | 203-1 | 0.03      | 0.00      | 0.02      | 0.01       | 121.10  | ppb   |
| Thallium   | 205-1 | 0.02      | 0.03      | 0.02      | 0.02       | 21.27   | ppb   |
| Tin        | 118-1 | -0.03     | 0.00      | -0.04     | -0.02      |         | ppb   |
| Titanium   | 47-1  | 0.60      | 0.60      | 0.62      | 0.61       | 1.36    | ppb   |
| Uranium    | 238-1 | 47.31     | 46.78     | 47.46     | 47.18      | 0.77    | ppb   |
| Vanadium   | 51-2  | 0.01      | 0.01      | 0.01      | 0.01       | 24.71   | ppb   |
| Yttrium    | 89-1  |           |           |           |            |         | %     |
| Yttrium    | 89-2  |           |           |           |            |         | %     |
| Zinc       | 66-2  | 18623.45  | 18817.58  | 18738.33  | 18726.45   | 0.52    | ppb   |
| Zirconium  | 90-1  | 0.32      | 0.30      | 0.35      | 0.32       | 8.10    | ppb   |



|                         |                     |                   |                     |
|-------------------------|---------------------|-------------------|---------------------|
| LB Number :             | LB88853             | Operator :        | Jaswal              |
| Lab Sample ID :         | I4255-03ADLX2       | Instrumnet Name : | P7                  |
| Client Sample ID :      | MH0CC4A             | Dilution Factor : | 2                   |
| Date & Time Acquired :: | 2017-07-19 18:39:44 | DataFile Name :   | 093SMPL_P7071917 -M |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|-----------|------|---------|---------|---------|------------|---------|-------|
| Zirconium | 91-1 | 0.40    | 0.40    | 0.38    | 0.39       | 2.98    | ppb   |

|                         |                     |                   |                     |
|-------------------------|---------------------|-------------------|---------------------|
| LB Number :             | LB88853             | Operator :        | Jaswal              |
| Lab Sample ID :         | I4256-02ADLX2       | Instrumnet Name : | P7                  |
| Client Sample ID :      | MH0CC3A             | Dilution Factor : | 2                   |
| Date & Time Acquired :: | 2017-07-19 18:43:12 | DataFile Name :   | 094SMPL_P7071917 -M |

| Parameter  | Mass  | ConRep1  | ConRep2  | ConRep3  | Avg. Conc. | ConcRSD | Units |
|------------|-------|----------|----------|----------|------------|---------|-------|
| Aluminium  | 27-2  | 19779.39 | 20068.98 | 20062.94 | 19970.44   | 0.83    | ppb   |
| Antimony   | 121-1 | 1.74     | 1.75     | 1.86     | 1.78       | 3.49    | ppb   |
| Arsenic    | 75-2  | 170.32   | 169.11   | 170.07   | 169.83     | 0.38    | ppb   |
| Barium     | 135-1 | 8.28     | 7.40     | 8.12     | 7.94       | 5.92    | ppb   |
| Barium     | 137-1 | 7.97     | 7.68     | 7.92     | 7.86       | 2.01    | ppb   |
| Beryllium  | 9-1   | 6.95     | 6.64     | 7.00     | 6.87       | 2.82    | ppb   |
| Bismuth    | 209-1 |          |          |          |            |         | %     |
| Bismuth    | 209-2 |          |          |          |            |         | %     |
| Boron      | 10-1  | 7.63     | 7.49     | 6.72     | 7.28       | 6.79    | ppb   |
| Boron      | 11-1  | 7.43     | 7.05     | 7.69     | 7.39       | 4.30    | ppb   |
| Cadmium    | 111-1 | 116.02   | 110.65   | 113.31   | 113.33     | 2.37    | ppb   |
| Cadmium    | 106-1 | 111.90   | 99.93    | 107.17   | 106.34     | 5.67    | ppb   |
| Cadmium    | 108-1 | 110.00   | 103.36   | 108.77   | 107.37     | 3.29    | ppb   |
| Calcium    | 43-1  | 57326.46 | 54632.74 | 56567.41 | 56175.54   | 2.47    | ppb   |
| Calcium    | 44-1  | 56995.88 | 54132.14 | 56751.46 | 55959.83   | 2.84    | ppb   |
| Chromium   | 52-2  | 2.49     | 2.55     | 2.53     | 2.52       | 1.24    | ppb   |
| Cobalt     | 59-2  | 71.31    | 70.88    | 70.64    | 70.94      | 0.49    | ppb   |
| Copper     | 63-2  | 934.36   | 949.61   | 944.25   | 942.74     | 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  | 4606.66  | 4631.55  | 4621.30  | 4619.84    | 0.27    | ppb   |
| Iron       | 57-2  | 4507.88  | 4585.21  | 4604.93  | 4566.01    | 1.12    | ppb   |
| Lead       | 206-1 | 68.95    | 65.70    | 69.67    | 68.10      | 3.10    | ppb   |
| Lead       | 207-1 | 64.99    | 60.94    | 64.74    | 63.56      | 3.57    | ppb   |
| Lead       | 208-1 | 67.39    | 64.12    | 67.22    | 66.24      | 2.78    | ppb   |
| Lithium    | 6-1   |          |          |          |            |         | %     |
| Magnesium  | 24-2  | 24276.80 | 24722.82 | 24634.40 | 24544.67   | 0.96    | ppb   |
| Manganese  | 55-2  | 33677.36 | 34073.88 | 33731.77 | 33827.67   | 0.64    | ppb   |

|                         |                     |                   |                     |
|-------------------------|---------------------|-------------------|---------------------|
| LB Number :             | LB88853             | Operator :        | Jaswal              |
| Lab Sample ID :         | I4256-02ADLX2       | Instrumnet Name : | P7                  |
| Client Sample ID :      | MH0CC3A             | Dilution Factor : | 2                   |
| Date & Time Acquired :: | 2017-07-19 18:43:12 | DataFile Name :   | 094SMPL_P7071917 -M |

| Parameter  | Mass  | ConRep1   | ConRep2   | ConRep3   | Avg. Conc. | ConcRSD | Units |
|------------|-------|-----------|-----------|-----------|------------|---------|-------|
| Molybdenum | 94-1  | 0.23      | 0.22      | 0.22      | 0.22       | 2.17    | ppb   |
| Molybdenum | 95-1  | 0.27      | 0.28      | 0.29      | 0.28       | 2.64    | ppb   |
| Molybdenum | 96-1  | 0.04      | 0.04      | 0.03      | 0.04       | 8.65    | ppb   |
| Molybdenum | 97-1  | -0.02     | -0.02     | -0.03     | -0.03      |         | ppb   |
| Molybdenum | 98-1  | -0.03     | -0.03     | -0.03     | -0.03      |         | ppb   |
| Neodymium  | 150-1 |           |           |           |            |         | cps   |
| Neodymium  | 150-2 |           |           |           |            |         | cps   |
| Nickel     | 60-2  | 48.00     | 49.19     | 48.53     | 48.57      | 1.23    | ppb   |
| Phosphorus | 31-2  | 18.54     | 13.56     | 39.56     | 23.89      | 57.76   | ppb   |
| Potassium  | 39-2  | 2548.43   | 2621.18   | 2590.58   | 2586.73    | 1.41    | ppb   |
| Rhodium    | 103-1 |           |           |           |            |         | %     |
| Rhodium    | 103-2 |           |           |           |            |         | %     |
| Scandium   | 45-1  |           |           |           |            |         | %     |
| Scandium   | 45-2  |           |           |           |            |         | %     |
| Selenium   | 77-2  | 97.76     | 104.85    | 91.54     | 98.05      | 6.79    | ppb   |
| Selenium   | 78-2  | 17.42     | 17.03     | 16.83     | 17.09      | 1.74    | ppb   |
| Selenium   | 82-1  | 5.41      | 4.99      | 5.41      | 5.27       | 4.60    | ppb   |
| Silicon    | 28-1  | 4543.92   | 4309.72   | 4487.95   | 4447.20    | 2.75    | ppb   |
| Silver     | 109-1 | 0.31      | 0.31      | 0.32      | 0.31       | 2.84    | ppb   |
| Silver     | 107-1 | 0.32      | 0.37      | 0.32      | 0.33       | 9.12    | ppb   |
| Sodium     | 23-2  | 7285.72   | 7329.04   | 7348.39   | 7321.05    | 0.44    | ppb   |
| Strontium  | 86-1  | 90.14     | 86.82     | 88.96     | 88.64      | 1.90    | ppb   |
| Strontium  | 88-1  | 91.33     | 88.90     | 90.67     | 90.30      | 1.39    | ppb   |
| Sulfur     | 34-1  | 164343.62 | 156125.65 | 162914.79 | 161128.02  | 2.72    | ppb   |
| Terbium    | 159-1 |           |           |           |            |         | %     |
| Terbium    | 159-2 |           |           |           |            |         | %     |
| Thallium   | 203-1 | 0.03      | 0.02      | 0.02      | 0.02       | 32.02   | ppb   |
| Thallium   | 205-1 | 0.02      | 0.01      | 0.02      | 0.02       | 22.15   | ppb   |
| Tin        | 118-1 | -0.02     | -0.02     | -0.02     | -0.02      |         | ppb   |
| Titanium   | 47-1  | 0.57      | 0.52      | 0.61      | 0.57       | 7.61    | ppb   |
| Uranium    | 238-1 | 47.86     | 45.93     | 47.67     | 47.15      | 2.25    | ppb   |
| Vanadium   | 51-2  | 0.02      | 0.05      | 0.04      | 0.04       | 46.73   | ppb   |
| Yttrium    | 89-1  |           |           |           |            |         | %     |
| Yttrium    | 89-2  |           |           |           |            |         | %     |
| Zinc       | 66-2  | 18700.65  | 19084.81  | 18920.60  | 18902.02   | 1.02    | ppb   |
| Zirconium  | 90-1  | 0.34      | 0.31      | 0.30      | 0.32       | 6.07    | ppb   |

|                         |                     |                   |                     |
|-------------------------|---------------------|-------------------|---------------------|
| LB Number :             | LB88853             | Operator :        | Jaswal              |
| Lab Sample ID :         | I4256-02ADLX2       | Instrumnet Name : | P7                  |
| Client Sample ID :      | MH0CC3A             | Dilution Factor : | 2                   |
| Date & Time Acquired :: | 2017-07-19 18:43:12 | DataFile Name :   | 094SMPL_P7071917 -M |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|-----------|------|---------|---------|---------|------------|---------|-------|
| Zirconium | 91-1 | 0.34    | 0.34    | 0.34    | 0.34       | 0.88    | ppb   |

|                         |                     |                   |                      |
|-------------------------|---------------------|-------------------|----------------------|
| LB Number :             | LB88853             | Operator :        | Jaswal               |
| Lab Sample ID :         | CCV37               | Instrumnet Name : | P7                   |
| Client Sample ID :      | CCV37               | Dilution Factor : | 1                    |
| Date & Time Acquired :: | 2017-07-19 18:46:39 | DataFile Name :   | 095CCV_P7071917 -MS. |

| Parameter  | Mass  | ConRep1   | ConRep2   | ConRep3   | Avg. Conc. | ConcRSD | Units |
|------------|-------|-----------|-----------|-----------|------------|---------|-------|
| Aluminium  | 27-2  | 49596.65  | 50751.47  | 51154.64  | 50500.92   | 1.60    | ppb   |
| Antimony   | 121-1 | 479.20    | 478.76    | 472.89    | 476.95     | 0.74    | ppb   |
| Arsenic    | 75-2  | 505.63    | 508.22    | 509.92    | 507.92     | 0.43    | ppb   |
| Barium     | 135-1 | 2489.75   | 2495.26   | 2430.47   | 2471.82    | 1.45    | ppb   |
| Barium     | 137-1 | 2493.16   | 2527.60   | 2472.24   | 2497.67    | 1.12    | ppb   |
| Beryllium  | 9-1   | 507.97    | 501.00    | 497.35    | 502.11     | 1.07    | ppb   |
| Bismuth    | 209-1 |           |           |           |            |         | %     |
| Bismuth    | 209-2 |           |           |           |            |         | %     |
| Boron      | 10-1  | 486.77    | 493.23    | 497.74    | 492.58     | 1.12    | ppb   |
| Boron      | 11-1  | 481.61    | 494.69    | 500.05    | 492.11     | 1.93    | ppb   |
| Cadmium    | 111-1 | 475.55    | 477.14    | 468.66    | 473.78     | 0.95    | ppb   |
| Cadmium    | 106-1 | 478.52    | 471.22    | 468.73    | 472.82     | 1.08    | ppb   |
| Cadmium    | 108-1 | 487.54    | 478.18    | 478.75    | 481.49     | 1.09    | ppb   |
| Calcium    | 43-1  | 249420.96 | 254880.21 | 249857.21 | 251386.13  | 1.21    | ppb   |
| Calcium    | 44-1  | 246195.23 | 251648.07 | 245814.15 | 247885.81  | 1.32    | ppb   |
| Chromium   | 52-2  | 526.61    | 536.97    | 538.29    | 533.96     | 1.20    | ppb   |
| Cobalt     | 59-2  | 510.51    | 518.10    | 523.51    | 517.37     | 1.26    | ppb   |
| Copper     | 63-2  | 1004.11   | 1022.22   | 1030.29   | 1018.87    | 1.32    | 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  | 132417.96 | 134156.66 | 134636.11 | 133736.91  | 0.87    | ppb   |
| Iron       | 57-2  | 131277.45 | 133661.75 | 133973.18 | 132970.79  | 1.11    | ppb   |
| Lead       | 206-1 | 520.04    | 529.70    | 513.89    | 521.21     | 1.53    | ppb   |
| Lead       | 207-1 | 513.01    | 521.01    | 507.60    | 513.87     | 1.31    | ppb   |
| Lead       | 208-1 | 526.37    | 533.40    | 518.75    | 526.17     | 1.39    | ppb   |
| Lithium    | 6-1   |           |           |           |            |         | %     |
| Magnesium  | 24-2  | 245567.59 | 250502.81 | 252522.00 | 249530.80  | 1.43    | ppb   |
| Manganese  | 55-2  | 1018.57   | 1040.04   | 1050.47   | 1036.36    | 1.57    | ppb   |

|                         |                     |                   |                      |
|-------------------------|---------------------|-------------------|----------------------|
| LB Number :             | LB88853             | Operator :        | Jaswal               |
| Lab Sample ID :         | CCV37               | Instrumnet Name : | P7                   |
| Client Sample ID :      | CCV37               | Dilution Factor : | 1                    |
| Date & Time Acquired :: | 2017-07-19 18:46:39 | DataFile Name :   | 095CCV_P7071917 -MS. |

| Parameter  | Mass  | ConRep1   | ConRep2   | ConRep3   | Avg. Conc. | ConcRSD | Units |
|------------|-------|-----------|-----------|-----------|------------|---------|-------|
| Molybdenum | 94-1  | 506.95    | 506.83    | 492.45    | 502.07     | 1.66    | ppb   |
| Molybdenum | 95-1  | 510.74    | 510.64    | 495.95    | 505.78     | 1.68    | ppb   |
| Molybdenum | 96-1  | 511.53    | 506.76    | 495.87    | 504.72     | 1.59    | ppb   |
| Molybdenum | 97-1  | 513.42    | 510.94    | 496.33    | 506.90     | 1.82    | ppb   |
| Molybdenum | 98-1  | 516.38    | 515.08    | 501.84    | 511.10     | 1.57    | ppb   |
| Neodymium  | 150-1 |           |           |           |            |         | cps   |
| Neodymium  | 150-2 |           |           |           |            |         | cps   |
| Nickel     | 60-2  | 514.98    | 522.30    | 524.94    | 520.74     | 0.99    | ppb   |
| Phosphorus | 31-2  | 9731.46   | 10229.70  | 10486.15  | 10149.11   | 3.78    | ppb   |
| Potassium  | 39-2  | 126803.39 | 128781.81 | 130631.44 | 128738.88  | 1.49    | ppb   |
| Rhodium    | 103-1 |           |           |           |            |         | %     |
| Rhodium    | 103-2 |           |           |           |            |         | %     |
| Scandium   | 45-1  |           |           |           |            |         | %     |
| Scandium   | 45-2  |           |           |           |            |         | %     |
| Selenium   | 77-2  | 494.27    | 487.72    | 501.91    | 494.63     | 1.44    | ppb   |
| Selenium   | 78-2  | 494.56    | 495.11    | 492.37    | 494.01     | 0.29    | ppb   |
| Selenium   | 82-1  | 496.59    | 495.32    | 480.73    | 490.88     | 1.80    | ppb   |
| Silicon    | 28-1  | 505.23    | 521.87    | 512.73    | 513.28     | 1.62    | ppb   |
| Silver     | 109-1 | 475.61    | 472.53    | 461.33    | 469.82     | 1.60    | ppb   |
| Silver     | 107-1 | 473.04    | 469.63    | 464.34    | 469.01     | 0.94    | ppb   |
| Sodium     | 23-2  | 249563.72 | 253626.64 | 253767.70 | 252319.35  | 0.95    | ppb   |
| Strontium  | 86-1  | 526.11    | 519.60    | 506.45    | 517.39     | 1.94    | ppb   |
| Strontium  | 88-1  | 530.92    | 525.41    | 514.29    | 523.54     | 1.62    | ppb   |
| Sulfur     | 34-1  | 9670.35   | 9839.44   | 9722.76   | 9744.18    | 0.89    | ppb   |
| Terbium    | 159-1 |           |           |           |            |         | %     |
| Terbium    | 159-2 |           |           |           |            |         | %     |
| Thallium   | 203-1 | 517.16    | 520.24    | 508.26    | 515.22     | 1.21    | ppb   |
| Thallium   | 205-1 | 528.98    | 535.81    | 524.31    | 529.70     | 1.09    | ppb   |
| Tin        | 118-1 | 493.98    | 491.62    | 484.91    | 490.17     | 0.96    | ppb   |
| Titanium   | 47-1  | 507.10    | 517.58    | 509.14    | 511.27     | 1.09    | ppb   |
| Uranium    | 238-1 | 545.93    | 548.40    | 529.79    | 541.37     | 1.87    | ppb   |
| Vanadium   | 51-2  | 519.04    | 527.49    | 530.63    | 525.72     | 1.14    | ppb   |
| Yttrium    | 89-1  |           |           |           |            |         | %     |
| Yttrium    | 89-2  |           |           |           |            |         | %     |
| Zinc       | 66-2  | 998.68    | 1014.65   | 1032.57   | 1015.30    | 1.67    | ppb   |
| Zirconium  | 90-1  | 503.96    | 507.29    | 494.70    | 501.98     | 1.30    | ppb   |

|                         |                     |                   |                      |
|-------------------------|---------------------|-------------------|----------------------|
| LB Number :             | LB88853             | Operator :        | Jaswal               |
| Lab Sample ID :         | CCV37               | Instrumnet Name : | P7                   |
| Client Sample ID :      | CCV37               | Dilution Factor : | 1                    |
| Date & Time Acquired :: | 2017-07-19 18:46:39 | DataFile Name :   | 095CCV_P7071917 -MS. |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|-----------|------|---------|---------|---------|------------|---------|-------|
| Zirconium | 91-1 | 498.58  | 501.29  | 487.78  | 495.88     | 1.44    | ppb   |

LB Number : LB88853 Operator : Jaswal  
 Lab Sample ID : CCB37 Instrumnet Name : P7  
 Client Sample ID : CCB37 Dilution Factor : 1  
 Date & Time Acquired :: 2017-07-19 18:50:06 DataFile Name : 096CCBE\_P7071917 -M:

| Parameter  | Mass  | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|------------|-------|---------|---------|---------|------------|---------|-------|
| Aluminium  | 27-2  | 1.17    | 1.34    | 0.19    | 0.90       | 68.97   | ppb   |
| Antimony   | 121-1 | 1.15    | 1.07    | 1.04    | 1.09       | 5.33    | ppb   |
| Arsenic    | 75-2  | 0.17    | 0.24    | 0.18    | 0.19       | 19.77   | ppb   |
| Barium     | 135-1 | -0.10   | -0.07   | -0.06   | -0.08      |         | ppb   |
| Barium     | 137-1 | -0.04   | -0.03   | -0.05   | -0.04      |         | ppb   |
| Beryllium  | 9-1   | 0.41    | 0.24    | 0.30    | 0.32       | 27.19   | ppb   |
| Bismuth    | 209-1 |         |         |         |            |         | %     |
| Bismuth    | 209-2 |         |         |         |            |         | %     |
| Boron      | 10-1  | 22.89   | 22.27   | 22.03   | 22.40      | 1.97    | ppb   |
| Boron      | 11-1  | 24.28   | 22.24   | 21.71   | 22.74      | 5.96    | ppb   |
| Cadmium    | 111-1 | -0.22   | -0.28   | -0.22   | -0.24      |         | ppb   |
| Cadmium    | 106-1 | -2.76   | -3.48   | -2.72   | -2.99      |         | ppb   |
| Cadmium    | 108-1 | 0.06    | -0.01   | -0.05   | 0.00       |         | ppb   |
| Calcium    | 43-1  | 6.91    | 4.51    | 1.57    | 4.33       | 61.78   | ppb   |
| Calcium    | 44-1  | -1.59   | -1.73   | -1.91   | -1.74      |         | ppb   |
| Chromium   | 52-2  | 0.04    | 0.07    | 0.05    | 0.05       | 27.26   | ppb   |
| Cobalt     | 59-2  | -0.06   | -0.07   | -0.06   | -0.06      |         | ppb   |
| Copper     | 63-2  | 0.29    | 0.25    | 0.36    | 0.30       | 19.97   | 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  | 5.79    | 5.97    | 5.45    | 5.74       | 4.57    | ppb   |
| Iron       | 57-2  | 7.49    | 7.05    | 4.44    | 6.33       | 26.03   | ppb   |
| Lead       | 206-1 | -0.07   | -0.08   | -0.07   | -0.07      |         | ppb   |
| Lead       | 207-1 | -0.08   | -0.05   | -0.07   | -0.07      |         | ppb   |
| Lead       | 208-1 | -0.06   | -0.06   | -0.06   | -0.06      |         | ppb   |
| Lithium    | 6-1   |         |         |         |            |         | %     |
| Magnesium  | 24-2  | -4.56   | -4.96   | -5.64   | -5.06      |         | ppb   |
| Manganese  | 55-2  | 1.92    | 1.90    | 2.07    | 1.96       | 4.50    | ppb   |



|                         |                     |                   |                      |
|-------------------------|---------------------|-------------------|----------------------|
| LB Number :             | LB88853             | Operator :        | Jaswal               |
| Lab Sample ID :         | CCB37               | Instrumnet Name : | P7                   |
| Client Sample ID :      | CCB37               | Dilution Factor : | 1                    |
| Date & Time Acquired :: | 2017-07-19 18:50:06 | DataFile Name :   | 096CCBE_P7071917 -M: |

| Parameter  | Mass  | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|------------|-------|---------|---------|---------|------------|---------|-------|
| Molybdenum | 94-1  | 0.33    | 0.26    | 0.27    | 0.29       | 12.98   | ppb   |
| Molybdenum | 95-1  | 0.26    | 0.24    | 0.20    | 0.23       | 13.74   | ppb   |
| Molybdenum | 96-1  | 0.28    | 0.26    | 0.25    | 0.26       | 5.67    | ppb   |
| Molybdenum | 97-1  | 0.27    | 0.30    | 0.26    | 0.28       | 8.25    | ppb   |
| Molybdenum | 98-1  | 0.31    | 0.28    | 0.25    | 0.28       | 10.69   | ppb   |
| Neodymium  | 150-1 |         |         |         |            |         | cps   |
| Neodymium  | 150-2 |         |         |         |            |         | cps   |
| Nickel     | 60-2  | -0.46   | -0.43   | -0.48   | -0.46      |         | ppb   |
| Phosphorus | 31-2  | -2.52   | 6.88    | -2.57   | 0.60       | 909.30  | ppb   |
| Potassium  | 39-2  | 24.61   | 17.71   | 32.37   | 24.90      | 29.45   | ppb   |
| Rhodium    | 103-1 |         |         |         |            |         | %     |
| Rhodium    | 103-2 |         |         |         |            |         | %     |
| Scandium   | 45-1  |         |         |         |            |         | %     |
| Scandium   | 45-2  |         |         |         |            |         | %     |
| Selenium   | 77-2  | 0.00    | 0.77    | 0.00    | 0.26       | 173.21  | ppb   |
| Selenium   | 78-2  | -0.19   | -0.31   | -0.41   | -0.30      |         | ppb   |
| Selenium   | 82-1  | 0.09    | 0.30    | 0.81    | 0.40       | 93.59   | ppb   |
| Silicon    | 28-1  | 8.47    | 7.83    | 6.72    | 7.67       | 11.55   | ppb   |
| Silver     | 109-1 | 0.05    | 0.06    | 0.04    | 0.05       | 14.69   | ppb   |
| Silver     | 107-1 | 0.06    | 0.06    | 0.07    | 0.06       | 11.35   | ppb   |
| Sodium     | 23-2  | 47.85   | 46.85   | 44.70   | 46.47      | 3.46    | ppb   |
| Strontium  | 86-1  | -0.04   | 0.06    | 0.04    | 0.02       | 261.04  | ppb   |
| Strontium  | 88-1  | 0.01    | 0.01    | 0.00    | 0.00       | 157.24  | ppb   |
| Sulfur     | 34-1  | -34.11  | 26.52   | -170.74 | -59.44     |         | ppb   |
| Terbium    | 159-1 |         |         |         |            |         | %     |
| Terbium    | 159-2 |         |         |         |            |         | %     |
| Thallium   | 203-1 | 0.02    | 0.02    | 0.01    | 0.02       | 24.64   | ppb   |
| Thallium   | 205-1 | 0.04    | 0.04    | 0.03    | 0.04       | 13.86   | ppb   |
| Tin        | 118-1 | 0.58    | 0.48    | 0.43    | 0.50       | 15.39   | ppb   |
| Titanium   | 47-1  | 0.08    | -0.02   | -0.02   | 0.02       | 345.99  | ppb   |
| Uranium    | 238-1 | -0.04   | -0.05   | -0.06   | -0.05      |         | ppb   |
| Vanadium   | 51-2  | -0.01   | -0.02   | -0.02   | -0.02      |         | ppb   |
| Yttrium    | 89-1  |         |         |         |            |         | %     |
| Yttrium    | 89-2  |         |         |         |            |         | %     |
| Zinc       | 66-2  | 0.85    | 0.79    | 0.81    | 0.82       | 3.57    | ppb   |
| Zirconium  | 90-1  | 0.32    | 0.24    | 0.25    | 0.27       | 16.01   | ppb   |

|                         |                     |                   |                      |
|-------------------------|---------------------|-------------------|----------------------|
| LB Number :             | LB88853             | Operator :        | Jaswal               |
| Lab Sample ID :         | CCB37               | Instrumnet Name : | P7                   |
| Client Sample ID :      | CCB37               | Dilution Factor : | 1                    |
| Date & Time Acquired :: | 2017-07-19 18:50:06 | DataFile Name :   | 096CCBE_P7071917 -M: |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|-----------|------|---------|---------|---------|------------|---------|-------|
| Zirconium | 91-1 | 0.29    | 0.24    | 0.23    | 0.25       | 12.35   | ppb   |

LB Number : LB88853 Operator : Jaswal  
 Lab Sample ID : PB100759BL Instrumnet Name : P7  
 Client Sample ID : PB100759BL Dilution Factor : 1  
 Date & Time Acquired :: 2017-07-19 18:53:36 DataFile Name : 097CCBE\_P7071917 -M:

| Parameter  | Mass  | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|------------|-------|---------|---------|---------|------------|---------|-------|
| Aluminium  | 27-2  | 1.41    | 0.04    | 0.41    | 0.62       | 114.22  | ppb   |
| Antimony   | 121-1 | 0.27    | 0.31    | 0.29    | 0.29       | 7.14    | ppb   |
| Arsenic    | 75-2  | 0.09    | 0.13    | 0.10    | 0.11       | 17.60   | ppb   |
| Barium     | 135-1 | -0.09   | -0.10   | -0.10   | -0.10      |         | ppb   |
| Barium     | 137-1 | -0.07   | -0.06   | -0.06   | -0.06      |         | ppb   |
| Beryllium  | 9-1   | 0.03    | 0.10    | 0.11    | 0.08       | 52.63   | ppb   |
| Bismuth    | 209-1 |         |         |         |            |         | %     |
| Bismuth    | 209-2 |         |         |         |            |         | %     |
| Boron      | 10-1  | 9.73    | 10.45   | 9.55    | 9.91       | 4.84    | ppb   |
| Boron      | 11-1  | 10.60   | 10.33   | 9.47    | 10.13      | 5.83    | ppb   |
| Cadmium    | 111-1 | -0.19   | -0.25   | -0.24   | -0.23      |         | ppb   |
| Cadmium    | 106-1 | -2.23   | -3.11   | -2.76   | -2.70      |         | ppb   |
| Cadmium    | 108-1 | -0.11   | -0.08   | -0.01   | -0.07      |         | ppb   |
| Calcium    | 43-1  | -0.20   | -1.16   | 4.20    | 0.95       | 301.18  | ppb   |
| Calcium    | 44-1  | -4.30   | -4.03   | -4.11   | -4.15      |         | ppb   |
| Chromium   | 52-2  | 0.08    | 0.05    | 0.02    | 0.05       | 60.26   | ppb   |
| Cobalt     | 59-2  | -0.06   | -0.05   | -0.06   | -0.06      |         | ppb   |
| Copper     | 63-2  | 0.14    | 0.08    | 0.19    | 0.14       | 42.59   | 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  | 3.37    | 3.29    | 3.25    | 3.30       | 1.91    | ppb   |
| Iron       | 57-2  | 5.73    | 5.02    | 3.21    | 4.65       | 27.88   | ppb   |
| Lead       | 206-1 | -0.08   | -0.07   | -0.09   | -0.08      |         | ppb   |
| Lead       | 207-1 | -0.10   | -0.06   | -0.06   | -0.07      |         | ppb   |
| Lead       | 208-1 | -0.06   | -0.06   | -0.06   | -0.06      |         | ppb   |
| Lithium    | 6-1   |         |         |         |            |         | %     |
| Magnesium  | 24-2  | -5.47   | -6.16   | -4.71   | -5.44      |         | ppb   |
| Manganese  | 55-2  | 1.82    | 1.49    | 1.74    | 1.68       | 10.35   | ppb   |

|                         |                     |                   |                     |
|-------------------------|---------------------|-------------------|---------------------|
| LB Number :             | LB88853             | Operator :        | Jaswal              |
| Lab Sample ID :         | PB100759BL          | Instrumnet Name : | P7                  |
| Client Sample ID :      | PB100759BL          | Dilution Factor : | 1                   |
| Date & Time Acquired :: | 2017-07-19 18:53:36 | DataFile Name :   | 097CCBE_P7071917 -M |

| Parameter  | Mass  | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|------------|-------|---------|---------|---------|------------|---------|-------|
| Molybdenum | 94-1  | 0.12    | 0.11    | 0.12    | 0.12       | 4.76    | ppb   |
| Molybdenum | 95-1  | 0.03    | 0.04    | 0.05    | 0.04       | 29.47   | ppb   |
| Molybdenum | 96-1  | 0.05    | 0.05    | 0.06    | 0.06       | 5.41    | ppb   |
| Molybdenum | 97-1  | 0.07    | 0.08    | 0.07    | 0.07       | 8.48    | ppb   |
| Molybdenum | 98-1  | 0.01    | 0.04    | 0.08    | 0.04       | 76.17   | ppb   |
| Neodymium  | 150-1 |         |         |         |            |         | cps   |
| Neodymium  | 150-2 |         |         |         |            |         | cps   |
| Nickel     | 60-2  | -0.35   | -0.47   | -0.49   | -0.44      |         | ppb   |
| Phosphorus | 31-2  | 5.39    | -4.76   | -16.46  | -5.28      |         | ppb   |
| Potassium  | 39-2  | 28.06   | 21.79   | 24.87   | 24.91      | 12.60   | ppb   |
| Rhodium    | 103-1 |         |         |         |            |         | %     |
| Rhodium    | 103-2 |         |         |         |            |         | %     |
| Scandium   | 45-1  |         |         |         |            |         | %     |
| Scandium   | 45-2  |         |         |         |            |         | %     |
| Selenium   | 77-2  | 0.00    | 0.00    | 0.00    | 0.00       | N/A     | ppb   |
| Selenium   | 78-2  | 0.05    | -1.26   | -0.83   | -0.68      |         | ppb   |
| Selenium   | 82-1  | 0.47    | 1.09    | -0.09   | 0.49       | 120.86  | ppb   |
| Silicon    | 28-1  | 5.96    | 5.03    | 6.44    | 5.81       | 12.29   | ppb   |
| Silver     | 109-1 | 0.04    | 0.03    | 0.03    | 0.03       | 14.05   | ppb   |
| Silver     | 107-1 | 0.04    | 0.03    | 0.03    | 0.03       | 23.76   | ppb   |
| Sodium     | 23-2  | 37.71   | 39.20   | 37.03   | 37.98      | 2.92    | ppb   |
| Strontium  | 86-1  | -0.05   | 0.04    | 0.03    | 0.01       | 569.79  | ppb   |
| Strontium  | 88-1  | 0.00    | 0.00    | 0.00    | 0.00       |         | ppb   |
| Sulfur     | 34-1  | 13.30   | -64.35  | 105.33  | 18.09      | 469.47  | ppb   |
| Terbium    | 159-1 |         |         |         |            |         | %     |
| Terbium    | 159-2 |         |         |         |            |         | %     |
| Thallium   | 203-1 | -0.02   | -0.01   | -0.01   | -0.02      |         | ppb   |
| Thallium   | 205-1 | -0.01   | -0.01   | -0.01   | -0.01      |         | ppb   |
| Tin        | 118-1 | 0.14    | 0.10    | 0.13    | 0.12       | 15.78   | ppb   |
| Titanium   | 47-1  | 0.02    | 0.01    | 0.05    | 0.02       | 93.08   | ppb   |
| Uranium    | 238-1 | -0.06   | -0.06   | -0.06   | -0.06      |         | ppb   |
| Vanadium   | 51-2  | -0.03   | -0.03   | -0.03   | -0.03      |         | ppb   |
| Yttrium    | 89-1  |         |         |         |            |         | %     |
| Yttrium    | 89-2  |         |         |         |            |         | %     |
| Zinc       | 66-2  | 0.74    | 0.44    | 0.49    | 0.56       | 29.18   | ppb   |
| Zirconium  | 90-1  | 0.15    | 0.15    | 0.14    | 0.15       | 4.28    | ppb   |

|                         |                     |                   |                      |
|-------------------------|---------------------|-------------------|----------------------|
| LB Number :             | LB88853             | Operator :        | Jaswal               |
| Lab Sample ID :         | PB100759BL          | Instrumnet Name : | P7                   |
| Client Sample ID :      | PB100759BL          | Dilution Factor : | 1                    |
| Date & Time Acquired :: | 2017-07-19 18:53:36 | DataFile Name :   | 097CCBE_P7071917 -M: |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|-----------|------|---------|---------|---------|------------|---------|-------|
| Zirconium | 91-1 | 0.19    | 0.13    | 0.17    | 0.16       | 17.49   | ppb   |

|                         |                     |                   |                      |
|-------------------------|---------------------|-------------------|----------------------|
| LB Number :             | LB88853             | Operator :        | Jaswal               |
| Lab Sample ID :         | PB100759BS          | Instrumnet Name : | P7                   |
| Client Sample ID :      | PB100759BS          | Dilution Factor : | 1                    |
| Date & Time Acquired :: | 2017-07-19 18:57:05 | DataFile Name :   | 098LCS6_P7071917 -M5 |

| Parameter  | Mass  | ConRep1  | ConRep2  | ConRep3  | Avg. Conc. | ConcRSD | Units |
|------------|-------|----------|----------|----------|------------|---------|-------|
| Aluminium  | 27-2  | 10059.65 | 9830.65  | 9756.94  | 9882.41    | 1.60    | ppb   |
| Antimony   | 121-1 | 489.68   | 495.08   | 486.76   | 490.51     | 0.86    | ppb   |
| Arsenic    | 75-2  | 516.30   | 506.91   | 501.80   | 508.34     | 1.45    | ppb   |
| Barium     | 135-1 | 2455.69  | 2486.43  | 2453.03  | 2465.05    | 0.75    | ppb   |
| Barium     | 137-1 | 2497.21  | 2503.28  | 2492.01  | 2497.50    | 0.23    | ppb   |
| Beryllium  | 9-1   | 499.29   | 499.45   | 488.32   | 495.68     | 1.29    | ppb   |
| Bismuth    | 209-1 |          |          |          |            |         | %     |
| Bismuth    | 209-2 |          |          |          |            |         | %     |
| Boron      | 10-1  | 445.40   | 470.89   | 467.68   | 461.32     | 3.01    | ppb   |
| Boron      | 11-1  | 456.94   | 461.59   | 470.88   | 463.14     | 1.53    | ppb   |
| Cadmium    | 111-1 | 488.16   | 495.94   | 486.86   | 490.32     | 1.00    | ppb   |
| Cadmium    | 106-1 | 482.24   | 493.50   | 473.48   | 483.07     | 2.08    | ppb   |
| Cadmium    | 108-1 | 494.35   | 492.74   | 485.45   | 490.85     | 0.97    | ppb   |
| Calcium    | 43-1  | 50588.53 | 51143.88 | 50135.22 | 50622.55   | 1.00    | ppb   |
| Calcium    | 44-1  | 50734.76 | 50800.39 | 50103.53 | 50546.23   | 0.76    | ppb   |
| Chromium   | 52-2  | 531.74   | 524.50   | 518.97   | 525.07     | 1.22    | ppb   |
| Cobalt     | 59-2  | 541.83   | 528.17   | 524.44   | 531.48     | 1.72    | ppb   |
| Copper     | 63-2  | 1093.06  | 1071.05  | 1059.94  | 1074.69    | 1.57    | ppb   |
| Dysprosium | 156-1 |          |          |          |            |         | cps   |
| Dysprosium | 156-2 |          |          |          |            |         | cps   |
| Erbium     | 164-1 |          |          |          |            |         | cps   |
| Erbium     | 164-2 |          |          |          |            |         | cps   |
| Gadolinium | 160-1 |          |          |          |            |         | cps   |
| Gadolinium | 160-2 |          |          |          |            |         | cps   |
| Holmium    | 165-1 |          |          |          |            |         | %     |
| Holmium    | 165-2 |          |          |          |            |         | %     |
| Indium     | 115-1 |          |          |          |            |         | %     |
| Indium     | 115-2 |          |          |          |            |         | %     |
| Iron       | 56-2  | 28801.24 | 28089.34 | 27750.15 | 28213.58   | 1.90    | ppb   |
| Iron       | 57-2  | 28158.67 | 27452.69 | 27250.21 | 27620.52   | 1.73    | ppb   |
| Lead       | 206-1 | 512.95   | 514.47   | 503.43   | 510.29     | 1.17    | ppb   |
| Lead       | 207-1 | 507.24   | 508.07   | 497.33   | 504.21     | 1.19    | ppb   |
| Lead       | 208-1 | 516.96   | 521.43   | 509.96   | 516.12     | 1.12    | ppb   |
| Lithium    | 6-1   |          |          |          |            |         | %     |
| Magnesium  | 24-2  | 52360.29 | 51271.89 | 50734.25 | 51455.48   | 1.61    | ppb   |
| Manganese  | 55-2  | 1063.35  | 1036.11  | 1026.97  | 1042.14    | 1.82    | ppb   |

|                         |                     |                   |                      |
|-------------------------|---------------------|-------------------|----------------------|
| LB Number :             | LB88853             | Operator :        | Jaswal               |
| Lab Sample ID :         | PB100759BS          | Instrumnet Name : | P7                   |
| Client Sample ID :      | PB100759BS          | Dilution Factor : | 1                    |
| Date & Time Acquired :: | 2017-07-19 18:57:05 | DataFile Name :   | 098LCS6_P7071917 -M5 |

| Parameter  | Mass  | ConRep1  | ConRep2  | ConRep3  | Avg. Conc. | ConcRSD | Units |
|------------|-------|----------|----------|----------|------------|---------|-------|
| Molybdenum | 94-1  | 496.40   | 502.62   | 494.70   | 497.91     | 0.84    | ppb   |
| Molybdenum | 95-1  | 498.72   | 503.23   | 496.49   | 499.48     | 0.69    | ppb   |
| Molybdenum | 96-1  | 493.05   | 501.09   | 494.20   | 496.11     | 0.88    | ppb   |
| Molybdenum | 97-1  | 493.11   | 501.41   | 495.54   | 496.69     | 0.86    | ppb   |
| Molybdenum | 98-1  | 500.85   | 505.99   | 499.03   | 501.95     | 0.72    | ppb   |
| Neodymium  | 150-1 |          |          |          |            |         | cps   |
| Neodymium  | 150-2 |          |          |          |            |         | cps   |
| Nickel     | 60-2  | 547.34   | 535.43   | 533.42   | 538.73     | 1.40    | ppb   |
| Phosphorus | 31-2  | 10423.13 | 9789.51  | 10012.97 | 10075.20   | 3.19    | ppb   |
| Potassium  | 39-2  | 26374.18 | 25652.37 | 25382.91 | 25803.15   | 1.99    | ppb   |
| Rhodium    | 103-1 |          |          |          |            |         | %     |
| Rhodium    | 103-2 |          |          |          |            |         | %     |
| Scandium   | 45-1  |          |          |          |            |         | %     |
| Scandium   | 45-2  |          |          |          |            |         | %     |
| Selenium   | 77-2  | 492.89   | 502.57   | 517.89   | 504.45     | 2.50    | ppb   |
| Selenium   | 78-2  | 521.97   | 516.44   | 513.57   | 517.33     | 0.83    | ppb   |
| Selenium   | 82-1  | 503.41   | 510.95   | 500.51   | 504.96     | 1.07    | ppb   |
| Silicon    | 28-1  | 495.27   | 503.41   | 497.08   | 498.59     | 0.86    | ppb   |
| Silver     | 109-1 | 488.20   | 490.47   | 483.41   | 487.36     | 0.74    | ppb   |
| Silver     | 107-1 | 485.77   | 489.54   | 483.58   | 486.30     | 0.62    | ppb   |
| Sodium     | 23-2  | 52135.49 | 50860.74 | 50525.24 | 51173.82   | 1.66    | ppb   |
| Strontium  | 86-1  | 502.53   | 507.40   | 496.45   | 502.13     | 1.09    | ppb   |
| Strontium  | 88-1  | 510.40   | 513.58   | 505.44   | 509.81     | 0.80    | ppb   |
| Sulfur     | 34-1  | 10327.48 | 10089.71 | 9823.55  | 10080.25   | 2.50    | ppb   |
| Terbium    | 159-1 |          |          |          |            |         | %     |
| Terbium    | 159-2 |          |          |          |            |         | %     |
| Thallium   | 203-1 | 508.12   | 509.07   | 500.99   | 506.06     | 0.87    | ppb   |
| Thallium   | 205-1 | 520.18   | 524.38   | 512.04   | 518.87     | 1.21    | ppb   |
| Tin        | 118-1 | 490.07   | 496.09   | 491.57   | 492.58     | 0.64    | ppb   |
| Titanium   | 47-1  | 508.26   | 512.49   | 507.41   | 509.39     | 0.53    | ppb   |
| Uranium    | 238-1 | 522.34   | 516.29   | 507.19   | 515.27     | 1.48    | ppb   |
| Vanadium   | 51-2  | 528.54   | 517.31   | 514.09   | 519.98     | 1.46    | ppb   |
| Yttrium    | 89-1  |          |          |          |            |         | %     |
| Yttrium    | 89-2  |          |          |          |            |         | %     |
| Zinc       | 66-2  | 1093.91  | 1063.47  | 1054.68  | 1070.69    | 1.92    | ppb   |
| Zirconium  | 90-1  | 497.88   | 503.09   | 491.39   | 497.45     | 1.18    | ppb   |

|                         |                     |                   |                      |
|-------------------------|---------------------|-------------------|----------------------|
| LB Number :             | LB88853             | Operator :        | Jaswal               |
| Lab Sample ID :         | PB100759BS          | Instrumnet Name : | P7                   |
| Client Sample ID :      | PB100759BS          | Dilution Factor : | 1                    |
| Date & Time Acquired :: | 2017-07-19 18:57:05 | DataFile Name :   | 098LCS6_P7071917 -MS |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|-----------|------|---------|---------|---------|------------|---------|-------|
| Zirconium | 91-1 | 488.33  | 493.39  | 486.25  | 489.32     | 0.75    | ppb   |



|                         |                     |                   |                     |
|-------------------------|---------------------|-------------------|---------------------|
| LB Number :             | LB88853             | Operator :        | Jaswal              |
| Lab Sample ID :         | I4251-01            | Instrumnet Name : | P7                  |
| Client Sample ID :      | SS032MW061-170717   | Dilution Factor : | 1                   |
| Date & Time Acquired :: | 2017-07-19 19:00:32 | DataFile Name :   | 099SMPL_P7071917 -M |

| Parameter  | Mass  | ConRep1   | ConRep2   | ConRep3   | Avg. Conc. | ConcRSD | Units |
|------------|-------|-----------|-----------|-----------|------------|---------|-------|
| Aluminium  | 27-2  | 16.78     | 14.79     | 12.24     | 14.61      | 15.60   | ppb   |
| Antimony   | 121-1 | 4.43      | 4.12      | 4.10      | 4.22       | 4.45    | ppb   |
| Arsenic    | 75-2  | 1.11      | 1.41      | 1.28      | 1.27       | 11.93   | ppb   |
| Barium     | 135-1 | 76.61     | 74.78     | 74.54     | 75.31      | 1.50    | ppb   |
| Barium     | 137-1 | 77.66     | 76.51     | 76.20     | 76.79      | 1.00    | ppb   |
| Beryllium  | 9-1   | 0.20      | 0.20      | 0.16      | 0.19       | 12.56   | ppb   |
| Bismuth    | 209-1 |           |           |           |            |         | %     |
| Bismuth    | 209-2 |           |           |           |            |         | %     |
| Boron      | 10-1  | 188.51    | 198.73    | 203.26    | 196.84     | 3.84    | ppb   |
| Boron      | 11-1  | 200.02    | 199.19    | 200.60    | 199.94     | 0.35    | ppb   |
| Cadmium    | 111-1 | 0.05      | 0.16      | 0.11      | 0.11       | 50.73   | ppb   |
| Cadmium    | 106-1 | -3.82     | -2.08     | -3.26     | -3.05      |         | ppb   |
| Cadmium    | 108-1 | 0.52      | 0.64      | 0.41      | 0.52       | 22.57   | ppb   |
| Calcium    | 43-1  | 117728.67 | 115952.49 | 116369.34 | 116683.50  | 0.80    | ppb   |
| Calcium    | 44-1  | 117936.04 | 115253.16 | 116731.24 | 116640.14  | 1.15    | ppb   |
| Chromium   | 52-2  | 13.52     | 13.72     | 13.56     | 13.60      | 0.80    | ppb   |
| Cobalt     | 59-2  | 0.17      | 0.15      | 0.16      | 0.16       | 3.81    | ppb   |
| Copper     | 63-2  | 8.11      | 8.71      | 8.82      | 8.55       | 4.45    | ppb   |
| Dysprosium | 156-1 |           |           |           |            |         | cps   |
| Dysprosium | 156-2 |           |           |           |            |         | cps   |
| Erbium     | 164-1 |           |           |           |            |         | cps   |
| Erbium     | 164-2 |           |           |           |            |         | cps   |
| Gadolinium | 160-1 |           |           |           |            |         | cps   |
| Gadolinium | 160-2 |           |           |           |            |         | cps   |
| Holmium    | 165-1 |           |           |           |            |         | %     |
| Holmium    | 165-2 |           |           |           |            |         | %     |
| Indium     | 115-1 |           |           |           |            |         | %     |
| Indium     | 115-2 |           |           |           |            |         | %     |
| Iron       | 56-2  | 348.46    | 354.78    | 343.22    | 348.82     | 1.66    | ppb   |
| Iron       | 57-2  | 491.94    | 514.48    | 486.71    | 497.71     | 2.96    | ppb   |
| Lead       | 206-1 | 0.26      | 0.26      | 0.28      | 0.27       | 3.79    | ppb   |
| Lead       | 207-1 | 0.26      | 0.23      | 0.24      | 0.25       | 5.79    | ppb   |
| Lead       | 208-1 | 0.26      | 0.25      | 0.27      | 0.26       | 3.15    | ppb   |
| Lithium    | 6-1   |           |           |           |            |         | %     |
| Magnesium  | 24-2  | 10706.31  | 10855.92  | 10606.60  | 10722.95   | 1.17    | ppb   |
| Manganese  | 55-2  | 38.17     | 37.46     | 36.44     | 37.36      | 2.33    | ppb   |

|                         |                     |                   |                     |
|-------------------------|---------------------|-------------------|---------------------|
| LB Number :             | LB88853             | Operator :        | Jaswal              |
| Lab Sample ID :         | I4251-01            | Instrumnet Name : | P7                  |
| Client Sample ID :      | SS032MW061-170717   | Dilution Factor : | 1                   |
| Date & Time Acquired :: | 2017-07-19 19:00:32 | DataFile Name :   | 099SMPL_P7071917 -M |

| Parameter  | Mass  | ConRep1  | ConRep2  | ConRep3  | Avg. Conc. | ConcRSD | Units |
|------------|-------|----------|----------|----------|------------|---------|-------|
| Molybdenum | 94-1  | 0.97     | 0.87     | 0.83     | 0.89       | 7.72    | ppb   |
| Molybdenum | 95-1  | 1.42     | 1.23     | 1.19     | 1.28       | 9.90    | ppb   |
| Molybdenum | 96-1  | 1.28     | 1.11     | 1.01     | 1.13       | 12.10   | ppb   |
| Molybdenum | 97-1  | 1.32     | 1.37     | 1.18     | 1.29       | 7.68    | ppb   |
| Molybdenum | 98-1  | 1.33     | 1.30     | 1.26     | 1.29       | 2.76    | ppb   |
| Neodymium  | 150-1 |          |          |          |            |         | cps   |
| Neodymium  | 150-2 |          |          |          |            |         | cps   |
| Nickel     | 60-2  | 6.18     | 6.95     | 6.82     | 6.65       | 6.16    | ppb   |
| Phosphorus | 31-2  | 30.98    | 10.25    | 19.78    | 20.34      | 51.02   | ppb   |
| Potassium  | 39-2  | 2088.94  | 2088.13  | 2056.70  | 2077.92    | 0.88    | ppb   |
| Rhodium    | 103-1 |          |          |          |            |         | %     |
| Rhodium    | 103-2 |          |          |          |            |         | %     |
| Scandium   | 45-1  |          |          |          |            |         | %     |
| Scandium   | 45-2  |          |          |          |            |         | %     |
| Selenium   | 77-2  | 3.52     | 2.67     | 1.74     | 2.64       | 33.58   | ppb   |
| Selenium   | 78-2  | 1.59     | 1.37     | 1.82     | 1.59       | 14.26   | ppb   |
| Selenium   | 82-1  | 3.28     | 2.16     | 2.54     | 2.66       | 21.52   | ppb   |
| Silicon    | 28-1  | 9203.60  | 9064.34  | 9082.18  | 9116.71    | 0.83    | ppb   |
| Silver     | 109-1 | 0.93     | 1.05     | 0.78     | 0.92       | 15.05   | ppb   |
| Silver     | 107-1 | 1.01     | 0.88     | 0.80     | 0.90       | 11.39   | ppb   |
| Sodium     | 23-2  | 35932.27 | 36177.29 | 35137.07 | 35748.88   | 1.52    | ppb   |
| Strontium  | 86-1  | 551.54   | 546.25   | 546.19   | 547.99     | 0.56    | ppb   |
| Strontium  | 88-1  | 563.70   | 562.87   | 562.17   | 562.91     | 0.14    | ppb   |
| Sulfur     | 34-1  | 9870.02  | 9558.60  | 9551.43  | 9660.01    | 1.88    | ppb   |
| Terbium    | 159-1 |          |          |          |            |         | %     |
| Terbium    | 159-2 |          |          |          |            |         | %     |
| Thallium   | 203-1 | 0.05     | 0.04     | 0.01     | 0.03       | 67.03   | ppb   |
| Thallium   | 205-1 | 0.06     | 0.03     | 0.01     | 0.03       | 74.00   | ppb   |
| Tin        | 118-1 | 1.80     | 1.68     | 1.71     | 1.73       | 3.81    | ppb   |
| Titanium   | 47-1  | 1.35     | 0.90     | 1.08     | 1.11       | 20.39   | ppb   |
| Uranium    | 238-1 | 1.45     | 1.50     | 1.53     | 1.49       | 2.44    | ppb   |
| Vanadium   | 51-2  | 4.11     | 4.18     | 4.00     | 4.10       | 2.21    | ppb   |
| Yttrium    | 89-1  |          |          |          |            |         | %     |
| Yttrium    | 89-2  |          |          |          |            |         | %     |
| Zinc       | 66-2  | 29.96    | 31.18    | 29.23    | 30.12      | 3.27    | ppb   |
| Zirconium  | 90-1  | 0.75     | 0.67     | 0.59     | 0.67       | 11.43   | ppb   |

|                         |                     |                   |                     |
|-------------------------|---------------------|-------------------|---------------------|
| LB Number :             | LB88853             | Operator :        | Jaswal              |
| Lab Sample ID :         | I4251-01            | Instrumnet Name : | P7                  |
| Client Sample ID :      | SS032MW061-170717   | Dilution Factor : | 1                   |
| Date & Time Acquired :: | 2017-07-19 19:00:32 | DataFile Name :   | 099SMPL_P7071917 -M |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|-----------|------|---------|---------|---------|------------|---------|-------|
| Zirconium | 91-1 | 0.81    | 0.73    | 0.62    | 0.72       | 13.49   | ppb   |

LB Number : LB88853 Operator : Jaswal  
 Lab Sample ID : I4251-02 Instrumnet Name : P7  
 Client Sample ID : WP022MW004-170717 Dilution Factor : 1  
 Date & Time Acquired :: 2017-07-19 19:04:00 DataFile Name : 100SMPL\_P7071917 -M

| Parameter  | Mass  | ConRep1   | ConRep2   | ConRep3   | Avg. Conc. | ConcRSD | Units |
|------------|-------|-----------|-----------|-----------|------------|---------|-------|
| Aluminium  | 27-2  | 116.44    | 161.36    | 120.65    | 132.82     | 18.68   | ppb   |
| Antimony   | 121-1 | 2.06      | 2.14      | 2.05      | 2.08       | 2.31    | ppb   |
| Arsenic    | 75-2  | 1.35      | 1.55      | 1.57      | 1.49       | 8.12    | ppb   |
| Barium     | 135-1 | 169.04    | 169.84    | 167.45    | 168.78     | 0.72    | ppb   |
| Barium     | 137-1 | 174.31    | 171.50    | 170.56    | 172.12     | 1.13    | ppb   |
| Beryllium  | 9-1   | 0.12      | 0.11      | 0.10      | 0.11       | 6.43    | ppb   |
| Bismuth    | 209-1 |           |           |           |            |         | %     |
| Bismuth    | 209-2 |           |           |           |            |         | %     |
| Boron      | 10-1  | 235.80    | 239.72    | 234.60    | 236.71     | 1.13    | ppb   |
| Boron      | 11-1  | 249.86    | 257.85    | 257.96    | 255.22     | 1.82    | ppb   |
| Cadmium    | 111-1 | -0.08     | -0.01     | -0.06     | -0.05      |         | ppb   |
| Cadmium    | 106-1 | -3.41     | -2.88     | -4.03     | -3.44      |         | ppb   |
| Cadmium    | 108-1 | 0.39      | 0.24      | 0.17      | 0.26       | 42.24   | ppb   |
| Calcium    | 43-1  | 171303.91 | 172035.03 | 172013.73 | 171784.23  | 0.24    | ppb   |
| Calcium    | 44-1  | 170449.63 | 171328.69 | 170854.69 | 170877.67  | 0.26    | ppb   |
| Chromium   | 52-2  | 1.63      | 1.68      | 1.60      | 1.64       | 2.69    | ppb   |
| Cobalt     | 59-2  | 0.70      | 0.78      | 0.84      | 0.77       | 8.69    | ppb   |
| Copper     | 63-2  | 10.84     | 11.59     | 11.65     | 11.36      | 3.94    | 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  | 141.82    | 141.31    | 141.45    | 141.53     | 0.18    | ppb   |
| Iron       | 57-2  | 337.30    | 342.16    | 335.86    | 338.44     | 0.97    | ppb   |
| Lead       | 206-1 | 0.27      | 0.23      | 0.24      | 0.25       | 7.85    | ppb   |
| Lead       | 207-1 | 0.22      | 0.25      | 0.21      | 0.23       | 9.49    | ppb   |
| Lead       | 208-1 | 0.24      | 0.26      | 0.25      | 0.25       | 2.92    | ppb   |
| Lithium    | 6-1   |           |           |           |            |         | %     |
| Magnesium  | 24-2  | 29459.72  | 29699.03  | 29360.33  | 29506.36   | 0.59    | ppb   |
| Manganese  | 55-2  | 75.86     | 76.82     | 76.02     | 76.24      | 0.67    | ppb   |

|                         |                     |                   |                     |
|-------------------------|---------------------|-------------------|---------------------|
| LB Number :             | LB88853             | Operator :        | Jaswal              |
| Lab Sample ID :         | I4251-02            | Instrumnet Name : | P7                  |
| Client Sample ID :      | WP022MW004-170717   | Dilution Factor : | 1                   |
| Date & Time Acquired :: | 2017-07-19 19:04:00 | DataFile Name :   | 100SMPL_P7071917 -M |

| Parameter  | Mass  | ConRep1  | ConRep2  | ConRep3  | Avg. Conc. | ConcRSD | Units |
|------------|-------|----------|----------|----------|------------|---------|-------|
| Molybdenum | 94-1  | 0.59     | 0.58     | 0.73     | 0.63       | 12.85   | ppb   |
| Molybdenum | 95-1  | 0.70     | 0.73     | 0.69     | 0.71       | 2.62    | ppb   |
| Molybdenum | 96-1  | 0.67     | 0.72     | 0.67     | 0.69       | 4.03    | ppb   |
| Molybdenum | 97-1  | 0.62     | 0.75     | 0.73     | 0.70       | 9.72    | ppb   |
| Molybdenum | 98-1  | 0.64     | 0.68     | 0.66     | 0.66       | 3.08    | ppb   |
| Neodymium  | 150-1 |          |          |          |            |         | cps   |
| Neodymium  | 150-2 |          |          |          |            |         | cps   |
| Nickel     | 60-2  | 11.60    | 11.15    | 12.14    | 11.63      | 4.23    | ppb   |
| Phosphorus | 31-2  | 54.60    | 32.96    | 43.18    | 43.58      | 24.84   | ppb   |
| Potassium  | 39-2  | 2437.69  | 2442.95  | 2374.69  | 2418.45    | 1.57    | ppb   |
| Rhodium    | 103-1 |          |          |          |            |         | %     |
| Rhodium    | 103-2 |          |          |          |            |         | %     |
| Scandium   | 45-1  |          |          |          |            |         | %     |
| Scandium   | 45-2  |          |          |          |            |         | %     |
| Selenium   | 77-2  | 0.00     | 1.80     | 2.68     | 1.49       | 91.49   | ppb   |
| Selenium   | 78-2  | -0.55    | 0.81     | -1.01    | -0.25      |         | ppb   |
| Selenium   | 82-1  | 2.57     | 1.83     | 1.58     | 1.99       | 25.74   | ppb   |
| Silicon    | 28-1  | 8322.02  | 8340.82  | 8316.88  | 8326.57    | 0.15    | ppb   |
| Silver     | 109-1 | 0.42     | 0.47     | 0.46     | 0.45       | 6.21    | ppb   |
| Silver     | 107-1 | 0.51     | 0.48     | 0.44     | 0.48       | 8.24    | ppb   |
| Sodium     | 23-2  | 76882.84 | 77309.42 | 76890.21 | 77027.49   | 0.32    | ppb   |
| Strontium  | 86-1  | 919.75   | 926.69   | 921.80   | 922.75     | 0.39    | ppb   |
| Strontium  | 88-1  | 935.28   | 948.92   | 940.86   | 941.69     | 0.73    | ppb   |
| Sulfur     | 34-1  | 68040.54 | 68652.06 | 68120.31 | 68270.97   | 0.49    | ppb   |
| Terbium    | 159-1 |          |          |          |            |         | %     |
| Terbium    | 159-2 |          |          |          |            |         | %     |
| Thallium   | 203-1 | -0.02    | 0.00     | -0.02    | -0.01      |         | ppb   |
| Thallium   | 205-1 | -0.01    | 0.00     | 0.00     | -0.01      |         | ppb   |
| Tin        | 118-1 | 1.24     | 1.19     | 1.30     | 1.24       | 4.50    | ppb   |
| Titanium   | 47-1  | 3.77     | 3.90     | 3.58     | 3.75       | 4.36    | ppb   |
| Uranium    | 238-1 | 3.07     | 3.11     | 3.06     | 3.08       | 0.89    | ppb   |
| Vanadium   | 51-2  | 1.34     | 1.52     | 1.56     | 1.47       | 8.01    | ppb   |
| Yttrium    | 89-1  |          |          |          |            |         | %     |
| Yttrium    | 89-2  |          |          |          |            |         | %     |
| Zinc       | 66-2  | 22.49    | 22.78    | 21.87    | 22.38      | 2.09    | ppb   |
| Zirconium  | 90-1  | 0.49     | 0.51     | 0.46     | 0.48       | 5.47    | ppb   |

|                         |                     |                   |                     |
|-------------------------|---------------------|-------------------|---------------------|
| LB Number :             | LB88853             | Operator :        | Jaswal              |
| Lab Sample ID :         | I4251-02            | Instrumnet Name : | P7                  |
| Client Sample ID :      | WP022MW004-170717   | Dilution Factor : | 1                   |
| Date & Time Acquired :: | 2017-07-19 19:04:00 | DataFile Name :   | 100SMPL_P7071917 -M |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|-----------|------|---------|---------|---------|------------|---------|-------|
| Zirconium | 91-1 | 0.51    | 0.56    | 0.43    | 0.50       | 13.43   | ppb   |

LB Number : LB88853 Operator : Jaswal  
 Lab Sample ID : I4251-03 Instrumnet Name : P7  
 Client Sample ID : WP022MW001-170717 Dilution Factor : 1  
 Date & Time Acquired :: 2017-07-19 19:07:28 DataFile Name : 101SMPL\_P7071917 -M

| Parameter  | Mass  | ConRep1   | ConRep2   | ConRep3   | Avg. Conc. | ConcRSD | Units |
|------------|-------|-----------|-----------|-----------|------------|---------|-------|
| Aluminium  | 27-2  | 52.99     | 48.68     | 50.06     | 50.58      | 4.35    | ppb   |
| Antimony   | 121-1 | 1.64      | 1.67      | 1.79      | 1.70       | 4.57    | ppb   |
| Arsenic    | 75-2  | 0.78      | 0.87      | 0.71      | 0.79       | 10.32   | ppb   |
| Barium     | 135-1 | 47.17     | 46.82     | 47.15     | 47.05      | 0.42    | ppb   |
| Barium     | 137-1 | 47.87     | 47.02     | 47.97     | 47.62      | 1.10    | ppb   |
| Beryllium  | 9-1   | 0.04      | 0.05      | 0.08      | 0.06       | 38.63   | ppb   |
| Bismuth    | 209-1 |           |           |           |            |         | %     |
| Bismuth    | 209-2 |           |           |           |            |         | %     |
| Boron      | 10-1  | 325.94    | 326.12    | 329.80    | 327.29     | 0.67    | ppb   |
| Boron      | 11-1  | 333.87    | 333.74    | 334.46    | 334.02     | 0.11    | ppb   |
| Cadmium    | 111-1 | -0.12     | -0.21     | -0.27     | -0.20      |         | ppb   |
| Cadmium    | 106-1 | -2.43     | -3.61     | -4.87     | -3.64      |         | ppb   |
| Cadmium    | 108-1 | 0.10      | 0.03      | -0.01     | 0.04       | 133.50  | ppb   |
| Calcium    | 43-1  | 113604.08 | 113023.70 | 113452.18 | 113359.99  | 0.27    | ppb   |
| Calcium    | 44-1  | 113980.96 | 113519.84 | 113627.91 | 113709.57  | 0.21    | ppb   |
| Chromium   | 52-2  | 4.59      | 4.48      | 4.50      | 4.52       | 1.35    | ppb   |
| Cobalt     | 59-2  | 0.13      | 0.17      | 0.11      | 0.13       | 25.03   | ppb   |
| Copper     | 63-2  | 11.37     | 11.31     | 11.68     | 11.45      | 1.71    | ppb   |
| Dysprosium | 156-1 |           |           |           |            |         | cps   |
| Dysprosium | 156-2 |           |           |           |            |         | cps   |
| Erbium     | 164-1 |           |           |           |            |         | cps   |
| Erbium     | 164-2 |           |           |           |            |         | cps   |
| Gadolinium | 160-1 |           |           |           |            |         | cps   |
| Gadolinium | 160-2 |           |           |           |            |         | cps   |
| Holmium    | 165-1 |           |           |           |            |         | %     |
| Holmium    | 165-2 |           |           |           |            |         | %     |
| Indium     | 115-1 |           |           |           |            |         | %     |
| Indium     | 115-2 |           |           |           |            |         | %     |
| Iron       | 56-2  | 57.96     | 60.69     | 58.91     | 59.18      | 2.34    | ppb   |
| Iron       | 57-2  | 203.57    | 206.01    | 191.62    | 200.40     | 3.84    | ppb   |
| Lead       | 206-1 | 0.15      | 0.14      | 0.19      | 0.16       | 16.93   | ppb   |
| Lead       | 207-1 | 0.17      | 0.13      | 0.17      | 0.16       | 15.45   | ppb   |
| Lead       | 208-1 | 0.16      | 0.15      | 0.17      | 0.16       | 6.55    | ppb   |
| Lithium    | 6-1   |           |           |           |            |         | %     |
| Magnesium  | 24-2  | 25119.83  | 25216.00  | 25131.44  | 25155.76   | 0.21    | ppb   |
| Manganese  | 55-2  | 3.43      | 3.52      | 3.40      | 3.45       | 1.83    | ppb   |

|                         |                     |                   |                     |
|-------------------------|---------------------|-------------------|---------------------|
| LB Number :             | LB88853             | Operator :        | Jaswal              |
| Lab Sample ID :         | I4251-03            | Instrumnet Name : | P7                  |
| Client Sample ID :      | WP022MW001-170717   | Dilution Factor : | 1                   |
| Date & Time Acquired :: | 2017-07-19 19:07:28 | DataFile Name :   | 101SMPL_P7071917 -M |

| Parameter  | Mass  | ConRep1  | ConRep2  | ConRep3  | Avg. Conc. | ConcRSD | Units |
|------------|-------|----------|----------|----------|------------|---------|-------|
| Molybdenum | 94-1  | 0.81     | 0.95     | 0.92     | 0.89       | 8.06    | ppb   |
| Molybdenum | 95-1  | 1.77     | 1.79     | 1.89     | 1.82       | 3.35    | ppb   |
| Molybdenum | 96-1  | 1.54     | 1.66     | 1.56     | 1.59       | 4.28    | ppb   |
| Molybdenum | 97-1  | 1.90     | 1.76     | 1.89     | 1.85       | 4.07    | ppb   |
| Molybdenum | 98-1  | 1.82     | 2.01     | 1.78     | 1.87       | 6.55    | ppb   |
| Neodymium  | 150-1 |          |          |          |            |         | cps   |
| Neodymium  | 150-2 |          |          |          |            |         | cps   |
| Nickel     | 60-2  | 12.70    | 12.46    | 12.28    | 12.48      | 1.71    | ppb   |
| Phosphorus | 31-2  | 8.74     | 21.41    | 16.81    | 15.65      | 40.98   | ppb   |
| Potassium  | 39-2  | 1996.24  | 2019.14  | 1993.76  | 2003.05    | 0.70    | ppb   |
| Rhodium    | 103-1 |          |          |          |            |         | %     |
| Rhodium    | 103-2 |          |          |          |            |         | %     |
| Scandium   | 45-1  |          |          |          |            |         | %     |
| Scandium   | 45-2  |          |          |          |            |         | %     |
| Selenium   | 77-2  | 4.70     | 1.88     | 7.42     | 4.67       | 59.37   | ppb   |
| Selenium   | 78-2  | 1.36     | 1.84     | 2.22     | 1.80       | 23.86   | ppb   |
| Selenium   | 82-1  | 4.78     | 4.09     | 5.08     | 4.65       | 10.98   | ppb   |
| Silicon    | 28-1  | 9870.76  | 9815.78  | 9800.05  | 9828.87    | 0.38    | ppb   |
| Silver     | 109-1 | 0.39     | 0.32     | 0.32     | 0.35       | 11.51   | ppb   |
| Silver     | 107-1 | 0.40     | 0.36     | 0.37     | 0.38       | 5.30    | ppb   |
| Sodium     | 23-2  | 79540.79 | 79621.69 | 78883.68 | 79348.72   | 0.51    | ppb   |
| Strontium  | 86-1  | 786.07   | 789.21   | 796.67   | 790.65     | 0.69    | ppb   |
| Strontium  | 88-1  | 798.25   | 808.27   | 807.95   | 804.82     | 0.71    | ppb   |
| Sulfur     | 34-1  | 24874.52 | 24486.67 | 24508.36 | 24623.18   | 0.89    | ppb   |
| Terbium    | 159-1 |          |          |          |            |         | %     |
| Terbium    | 159-2 |          |          |          |            |         | %     |
| Thallium   | 203-1 | -0.04    | -0.04    | -0.04    | -0.04      |         | ppb   |
| Thallium   | 205-1 | -0.03    | -0.03    | -0.03    | -0.03      |         | ppb   |
| Tin        | 118-1 | 1.04     | 1.12     | 1.07     | 1.07       | 3.55    | ppb   |
| Titanium   | 47-1  | 2.69     | 2.37     | 1.32     | 2.13       | 33.90   | ppb   |
| Uranium    | 238-1 | 3.45     | 3.46     | 3.53     | 3.48       | 1.21    | ppb   |
| Vanadium   | 51-2  | 2.41     | 2.60     | 2.49     | 2.50       | 3.78    | ppb   |
| Yttrium    | 89-1  |          |          |          |            |         | %     |
| Yttrium    | 89-2  |          |          |          |            |         | %     |
| Zinc       | 66-2  | 20.66    | 20.30    | 20.23    | 20.40      | 1.14    | ppb   |
| Zirconium  | 90-1  | 0.42     | 0.37     | 0.34     | 0.38       | 10.06   | ppb   |



|                         |                     |                   |                     |
|-------------------------|---------------------|-------------------|---------------------|
| LB Number :             | LB88853             | Operator :        | Jaswal              |
| Lab Sample ID :         | I4251-03            | Instrumnet Name : | P7                  |
| Client Sample ID :      | WP022MW001-170717   | Dilution Factor : | 1                   |
| Date & Time Acquired :: | 2017-07-19 19:07:28 | DataFile Name :   | 101SMPL_P7071917 -M |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|-----------|------|---------|---------|---------|------------|---------|-------|
| Zirconium | 91-1 | 0.60    | 0.29    | 0.38    | 0.43       | 37.19   | ppb   |

LB Number : LB88853 Operator : Jaswal  
 Lab Sample ID : I4251-04 Instrumnet Name : P7  
 Client Sample ID : WP022MW357-170717 Dilution Factor : 1  
 Date & Time Acquired :: 2017-07-19 19:10:57 DataFile Name : 102SMPL\_P7071917 -M

| Parameter  | Mass  | ConRep1   | ConRep2   | ConRep3   | Avg. Conc. | ConcRSD | Units |
|------------|-------|-----------|-----------|-----------|------------|---------|-------|
| Aluminium  | 27-2  | 1576.05   | 1602.88   | 1585.45   | 1588.13    | 0.86    | ppb   |
| Antimony   | 121-1 | 1.91      | 2.10      | 2.37      | 2.13       | 10.78   | ppb   |
| Arsenic    | 75-2  | 3.25      | 3.41      | 3.68      | 3.44       | 6.29    | ppb   |
| Barium     | 135-1 | 49.29     | 49.67     | 50.18     | 49.71      | 0.90    | ppb   |
| Barium     | 137-1 | 50.12     | 51.17     | 50.49     | 50.59      | 1.05    | ppb   |
| Beryllium  | 9-1   | 0.23      | 0.25      | 0.19      | 0.22       | 14.41   | ppb   |
| Bismuth    | 209-1 |           |           |           |            |         | %     |
| Bismuth    | 209-2 |           |           |           |            |         | %     |
| Boron      | 10-1  | 364.60    | 360.49    | 374.45    | 366.51     | 1.96    | ppb   |
| Boron      | 11-1  | 386.93    | 386.84    | 394.83    | 389.54     | 1.18    | ppb   |
| Cadmium    | 111-1 | -0.25     | -0.11     | -0.05     | -0.14      |         | ppb   |
| Cadmium    | 106-1 | -3.06     | -1.92     | -0.63     | -1.87      |         | ppb   |
| Cadmium    | 108-1 | 2.79      | 2.10      | 2.63      | 2.51       | 14.39   | ppb   |
| Calcium    | 43-1  | 511209.85 | 512383.44 | 511105.88 | 511566.39  | 0.14    | ppb   |
| Calcium    | 44-1  | 509076.46 | 508363.83 | 509955.45 | 509131.91  | 0.16    | ppb   |
| Chromium   | 52-2  | 24.98     | 24.94     | 25.34     | 25.09      | 0.89    | ppb   |
| Cobalt     | 59-2  | 2.87      | 2.71      | 2.94      | 2.84       | 4.26    | ppb   |
| Copper     | 63-2  | 14.30     | 14.25     | 13.85     | 14.13      | 1.77    | 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  | 3632.65   | 3601.21   | 3579.73   | 3604.53    | 0.74    | ppb   |
| Iron       | 57-2  | 4184.06   | 4152.55   | 4147.61   | 4161.41    | 0.48    | ppb   |
| Lead       | 206-1 | 2.69      | 2.81      | 2.75      | 2.75       | 2.20    | ppb   |
| Lead       | 207-1 | 2.50      | 2.45      | 2.51      | 2.49       | 1.34    | ppb   |
| Lead       | 208-1 | 2.59      | 2.63      | 2.60      | 2.61       | 0.78    | ppb   |
| Lithium    | 6-1   |           |           |           |            |         | %     |
| Magnesium  | 24-2  | 164539.21 | 164888.76 | 163420.86 | 164282.94  | 0.47    | ppb   |
| Manganese  | 55-2  | 71.32     | 69.54     | 69.90     | 70.25      | 1.34    | ppb   |

|                         |                     |                   |                     |
|-------------------------|---------------------|-------------------|---------------------|
| LB Number :             | LB88853             | Operator :        | Jaswal              |
| Lab Sample ID :         | I4251-04            | Instrumnet Name : | P7                  |
| Client Sample ID :      | WP022MW357-170717   | Dilution Factor : | 1                   |
| Date & Time Acquired :: | 2017-07-19 19:10:57 | DataFile Name :   | 102SMPL_P7071917 -M |

| Parameter  | Mass  | ConRep1    | ConRep2    | ConRep3    | Avg. Conc. | ConcRSD | Units |
|------------|-------|------------|------------|------------|------------|---------|-------|
| Molybdenum | 94-1  | 4.40       | 4.59       | 4.89       | 4.63       | 5.35    | ppb   |
| Molybdenum | 95-1  | 1.26       | 1.36       | 1.33       | 1.32       | 3.73    | ppb   |
| Molybdenum | 96-1  | 2.14       | 1.99       | 2.05       | 2.06       | 3.54    | ppb   |
| Molybdenum | 97-1  | 1.40       | 1.36       | 1.44       | 1.40       | 3.16    | ppb   |
| Molybdenum | 98-1  | 1.34       | 1.33       | 1.37       | 1.35       | 1.40    | ppb   |
| Neodymium  | 150-1 |            |            |            |            |         | cps   |
| Neodymium  | 150-2 |            |            |            |            |         | cps   |
| Nickel     | 60-2  | 36.42      | 36.23      | 36.47      | 36.38      | 0.36    | ppb   |
| Phosphorus | 31-2  | 297.34     | 306.35     | 212.85     | 272.18     | 18.95   | ppb   |
| Potassium  | 39-2  | 7111.56    | 7032.83    | 7024.36    | 7056.25    | 0.68    | ppb   |
| Rhodium    | 103-1 |            |            |            |            |         | %     |
| Rhodium    | 103-2 |            |            |            |            |         | %     |
| Scandium   | 45-1  |            |            |            |            |         | %     |
| Scandium   | 45-2  |            |            |            |            |         | %     |
| Selenium   | 77-2  | 9.64       | 10.51      | 6.62       | 8.92       | 22.84   | ppb   |
| Selenium   | 78-2  | 3.76       | 4.48       | 2.98       | 3.74       | 20.06   | ppb   |
| Selenium   | 82-1  | 9.75       | 7.73       | 6.70       | 8.06       | 19.24   | ppb   |
| Silicon    | 28-1  | 8951.35    | 8748.88    | 8819.33    | 8839.86    | 1.16    | ppb   |
| Silver     | 109-1 | 0.22       | 0.22       | 0.23       | 0.22       | 3.52    | ppb   |
| Silver     | 107-1 | 0.24       | 0.22       | 0.23       | 0.23       | 4.42    | ppb   |
| Sodium     | 23-2  | 2949054.27 | 2937348.35 | 2917208.64 | 2934537.09 | 0.55    | ppb   |
| Strontium  | 86-1  | 2373.88    | 2368.06    | 2345.52    | 2362.49    | 0.63    | ppb   |
| Strontium  | 88-1  | 2389.03    | 2388.84    | 2380.82    | 2386.23    | 0.20    | ppb   |
| Sulfur     | 34-1  | 2286234.11 | 2292357.00 | 2289697.48 | 2289429.53 | 0.13    | ppb   |
| Terbium    | 159-1 |            |            |            |            |         | %     |
| Terbium    | 159-2 |            |            |            |            |         | %     |
| Thallium   | 203-1 | 0.14       | 0.13       | 0.16       | 0.14       | 10.90   | ppb   |
| Thallium   | 205-1 | 0.15       | 0.13       | 0.15       | 0.15       | 7.42    | ppb   |
| Tin        | 118-1 | 1.14       | 1.16       | 1.13       | 1.14       | 1.56    | ppb   |
| Titanium   | 47-1  | 25.49      | 22.77      | 29.19      | 25.81      | 12.48   | ppb   |
| Uranium    | 238-1 | 39.86      | 39.93      | 39.93      | 39.91      | 0.09    | ppb   |
| Vanadium   | 51-2  | 8.37       | 8.59       | 8.23       | 8.40       | 2.11    | ppb   |
| Yttrium    | 89-1  |            |            |            |            |         | %     |
| Yttrium    | 89-2  |            |            |            |            |         | %     |
| Zinc       | 66-2  | 25.46      | 26.70      | 26.25      | 26.14      | 2.40    | ppb   |
| Zirconium  | 90-1  | 5.91       | 5.84       | 6.03       | 5.93       | 1.67    | ppb   |

|                         |                     |                   |                     |
|-------------------------|---------------------|-------------------|---------------------|
| LB Number :             | LB88853             | Operator :        | Jaswal              |
| Lab Sample ID :         | I4251-04            | Instrumnet Name : | P7                  |
| Client Sample ID :      | WP022MW357-170717   | Dilution Factor : | 1                   |
| Date & Time Acquired :: | 2017-07-19 19:10:57 | DataFile Name :   | 102SMPL_P7071917 -M |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|-----------|------|---------|---------|---------|------------|---------|-------|
| Zirconium | 91-1 | 5.89    | 5.80    | 5.96    | 5.88       | 1.31    | ppb   |

LB Number : LB88853 Operator : Jaswal  
 Lab Sample ID : I4251-05 Instrumnet Name : P7  
 Client Sample ID : ST010MW005-170717 Dilution Factor : 1  
 Date & Time Acquired :: 2017-07-19 19:14:27 DataFile Name : 103SMPL\_P7071917 -M

| Parameter  | Mass  | ConRep1  | ConRep2  | ConRep3  | Avg. Conc. | ConcRSD | Units |
|------------|-------|----------|----------|----------|------------|---------|-------|
| Aluminium  | 27-2  | 34.62    | 37.45    | 30.57    | 34.21      | 10.10   | ppb   |
| Antimony   | 121-1 | 2.18     | 2.31     | 2.24     | 2.24       | 2.90    | ppb   |
| Arsenic    | 75-2  | 3.83     | 4.28     | 4.36     | 4.16       | 6.94    | ppb   |
| Barium     | 135-1 | 85.91    | 86.76    | 85.90    | 86.19      | 0.57    | ppb   |
| Barium     | 137-1 | 87.11    | 88.60    | 87.48    | 87.73      | 0.88    | ppb   |
| Beryllium  | 9-1   | -0.02    | -0.02    | 0.01     | -0.01      |         | ppb   |
| Bismuth    | 209-1 |          |          |          |            |         | %     |
| Bismuth    | 209-2 |          |          |          |            |         | %     |
| Boron      | 10-1  | 382.75   | 402.40   | 390.34   | 391.83     | 2.53    | ppb   |
| Boron      | 11-1  | 399.92   | 403.76   | 409.01   | 404.23     | 1.13    | ppb   |
| Cadmium    | 111-1 | -0.25    | -0.12    | -0.26    | -0.21      |         | ppb   |
| Cadmium    | 106-1 | -3.89    | -2.11    | -3.81    | -3.27      |         | ppb   |
| Cadmium    | 108-1 | 0.20     | 0.12     | 0.15     | 0.16       | 24.15   | ppb   |
| Calcium    | 43-1  | 74200.17 | 73949.76 | 73782.89 | 73977.61   | 0.28    | ppb   |
| Calcium    | 44-1  | 73734.35 | 74406.46 | 74462.31 | 74201.04   | 0.55    | ppb   |
| Chromium   | 52-2  | 3.74     | 3.79     | 3.88     | 3.80       | 1.91    | ppb   |
| Cobalt     | 59-2  | 0.23     | 0.25     | 0.20     | 0.23       | 9.40    | ppb   |
| Copper     | 63-2  | 9.56     | 9.94     | 9.98     | 9.83       | 2.36    | 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  | 482.60   | 477.81   | 481.62   | 480.68     | 0.53    | ppb   |
| Iron       | 57-2  | 571.33   | 567.13   | 555.26   | 564.57     | 1.48    | ppb   |
| Lead       | 206-1 | 0.16     | 0.13     | 0.20     | 0.17       | 20.84   | ppb   |
| Lead       | 207-1 | 0.17     | 0.18     | 0.16     | 0.17       | 6.21    | ppb   |
| Lead       | 208-1 | 0.16     | 0.15     | 0.17     | 0.16       | 6.65    | ppb   |
| Lithium    | 6-1   |          |          |          |            |         | %     |
| Magnesium  | 24-2  | 32611.27 | 32342.92 | 32662.18 | 32538.79   | 0.53    | ppb   |
| Manganese  | 55-2  | 167.41   | 165.76   | 166.93   | 166.70     | 0.51    | ppb   |

|                         |                     |                   |                     |
|-------------------------|---------------------|-------------------|---------------------|
| LB Number :             | LB88853             | Operator :        | Jaswal              |
| Lab Sample ID :         | I4251-05            | Instrumnet Name : | P7                  |
| Client Sample ID :      | ST010MW005-170717   | Dilution Factor : | 1                   |
| Date & Time Acquired :: | 2017-07-19 19:14:27 | DataFile Name :   | 103SMPL_P7071917 -M |

| Parameter  | Mass  | ConRep1  | ConRep2  | ConRep3  | Avg. Conc. | ConcRSD | Units |
|------------|-------|----------|----------|----------|------------|---------|-------|
| Molybdenum | 94-1  | 0.86     | 0.88     | 0.88     | 0.88       | 1.39    | ppb   |
| Molybdenum | 95-1  | 2.16     | 2.24     | 2.34     | 2.25       | 4.02    | ppb   |
| Molybdenum | 96-1  | 1.91     | 2.05     | 1.92     | 1.96       | 3.93    | ppb   |
| Molybdenum | 97-1  | 2.41     | 2.41     | 2.19     | 2.34       | 5.41    | ppb   |
| Molybdenum | 98-1  | 2.32     | 2.36     | 2.22     | 2.30       | 3.12    | ppb   |
| Neodymium  | 150-1 |          |          |          |            |         | cps   |
| Neodymium  | 150-2 |          |          |          |            |         | cps   |
| Nickel     | 60-2  | 5.71     | 5.94     | 5.71     | 5.79       | 2.24    | ppb   |
| Phosphorus | 31-2  | -3.85    | -3.47    | 12.28    | 1.65       | 556.55  | ppb   |
| Potassium  | 39-2  | 395.95   | 388.86   | 373.35   | 386.06     | 2.99    | ppb   |
| Rhodium    | 103-1 |          |          |          |            |         | %     |
| Rhodium    | 103-2 |          |          |          |            |         | %     |
| Scandium   | 45-1  |          |          |          |            |         | %     |
| Scandium   | 45-2  |          |          |          |            |         | %     |
| Selenium   | 77-2  | 0.94     | 2.85     | 2.83     | 2.21       | 49.60   | ppb   |
| Selenium   | 78-2  | -0.19    | -0.17    | 0.59     | 0.08       | 577.98  | ppb   |
| Selenium   | 82-1  | 1.01     | 1.15     | -1.04    | 0.37       | 331.93  | ppb   |
| Silicon    | 28-1  | 5232.68  | 5273.67  | 5232.07  | 5246.14    | 0.45    | ppb   |
| Silver     | 109-1 | 0.33     | 0.31     | 0.31     | 0.31       | 4.12    | ppb   |
| Silver     | 107-1 | 0.32     | 0.31     | 0.31     | 0.32       | 2.42    | ppb   |
| Sodium     | 23-2  | 20851.59 | 20703.23 | 20764.75 | 20773.19   | 0.36    | ppb   |
| Strontium  | 86-1  | 804.93   | 810.35   | 816.65   | 810.64     | 0.72    | ppb   |
| Strontium  | 88-1  | 819.66   | 822.54   | 831.53   | 824.58     | 0.75    | ppb   |
| Sulfur     | 34-1  | 5799.75  | 5821.96  | 5595.30  | 5739.00    | 2.18    | ppb   |
| Terbium    | 159-1 |          |          |          |            |         | %     |
| Terbium    | 159-2 |          |          |          |            |         | %     |
| Thallium   | 203-1 | -0.05    | -0.05    | -0.04    | -0.04      |         | ppb   |
| Thallium   | 205-1 | -0.03    | -0.03    | -0.03    | -0.03      |         | ppb   |
| Tin        | 118-1 | 0.96     | 0.98     | 0.97     | 0.97       | 0.89    | ppb   |
| Titanium   | 47-1  | 1.12     | 1.22     | 0.91     | 1.08       | 14.44   | ppb   |
| Uranium    | 238-1 | 1.77     | 1.73     | 1.70     | 1.73       | 2.07    | ppb   |
| Vanadium   | 51-2  | 0.61     | 0.54     | 0.73     | 0.63       | 15.02   | ppb   |
| Yttrium    | 89-1  |          |          |          |            |         | %     |
| Yttrium    | 89-2  |          |          |          |            |         | %     |
| Zinc       | 66-2  | 17.79    | 16.46    | 17.73    | 17.32      | 4.33    | ppb   |
| Zirconium  | 90-1  | 0.23     | 0.22     | 0.22     | 0.22       | 4.40    | ppb   |

|                         |                     |                   |                     |
|-------------------------|---------------------|-------------------|---------------------|
| LB Number :             | LB88853             | Operator :        | Jaswal              |
| Lab Sample ID :         | I4251-05            | Instrumnet Name : | P7                  |
| Client Sample ID :      | ST010MW005-170717   | Dilution Factor : | 1                   |
| Date & Time Acquired :: | 2017-07-19 19:14:27 | DataFile Name :   | 103SMPL_P7071917 -M |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|-----------|------|---------|---------|---------|------------|---------|-------|
| Zirconium | 91-1 | 0.18    | 0.21    | 0.18    | 0.19       | 8.95    | ppb   |

LB Number : LB88853 Operator : Jaswal  
 Lab Sample ID : I4251-06 Instrumnet Name : P7  
 Client Sample ID : WP022RW349-170717 Dilution Factor : 1  
 Date & Time Acquired :: 2017-07-19 19:17:58 DataFile Name : 104SMPL\_P7071917 -M

| Parameter  | Mass  | ConRep1   | ConRep2   | ConRep3   | Avg. Conc. | ConcRSD | Units |
|------------|-------|-----------|-----------|-----------|------------|---------|-------|
| Aluminium  | 27-2  | 188.02    | 169.03    | 166.26    | 174.44     | 6.79    | ppb   |
| Antimony   | 121-1 | 1.70      | 1.84      | 1.88      | 1.81       | 5.12    | ppb   |
| Arsenic    | 75-2  | 3.95      | 3.89      | 4.22      | 4.02       | 4.34    | ppb   |
| Barium     | 135-1 | 70.49     | 71.77     | 70.54     | 70.93      | 1.03    | ppb   |
| Barium     | 137-1 | 70.28     | 70.41     | 71.30     | 70.67      | 0.78    | ppb   |
| Beryllium  | 9-1   | 0.13      | 0.14      | 0.12      | 0.13       | 8.63    | ppb   |
| Bismuth    | 209-1 |           |           |           |            |         | %     |
| Bismuth    | 209-2 |           |           |           |            |         | %     |
| Boron      | 10-1  | 341.44    | 344.35    | 355.95    | 347.25     | 2.21    | ppb   |
| Boron      | 11-1  | 349.05    | 359.71    | 368.95    | 359.24     | 2.77    | ppb   |
| Cadmium    | 111-1 | -0.24     | -0.18     | -0.12     | -0.18      |         | ppb   |
| Cadmium    | 106-1 | -1.91     | -2.57     | -1.38     | -1.95      |         | ppb   |
| Cadmium    | 108-1 | 3.37      | 2.02      | 2.26      | 2.55       | 28.10   | ppb   |
| Calcium    | 43-1  | 695778.28 | 696071.07 | 698972.97 | 696940.77  | 0.25    | ppb   |
| Calcium    | 44-1  | 692855.56 | 694255.33 | 698944.97 | 695351.95  | 0.46    | ppb   |
| Chromium   | 52-2  | 25.56     | 24.95     | 24.79     | 25.10      | 1.61    | ppb   |
| Cobalt     | 59-2  | 1.38      | 1.33      | 1.38      | 1.36       | 2.24    | ppb   |
| Copper     | 63-2  | 9.68      | 8.64      | 8.38      | 8.90       | 7.72    | 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  | 470.39    | 447.63    | 442.13    | 453.38     | 3.30    | ppb   |
| Iron       | 57-2  | 1325.16   | 1315.69   | 1303.28   | 1314.71    | 0.83    | ppb   |
| Lead       | 206-1 | 0.42      | 0.35      | 0.42      | 0.40       | 10.79   | ppb   |
| Lead       | 207-1 | 0.39      | 0.39      | 0.35      | 0.38       | 5.68    | ppb   |
| Lead       | 208-1 | 0.41      | 0.38      | 0.41      | 0.40       | 4.83    | ppb   |
| Lithium    | 6-1   |           |           |           |            |         | %     |
| Magnesium  | 24-2  | 133253.33 | 132203.12 | 131276.11 | 132244.19  | 0.75    | ppb   |
| Manganese  | 55-2  | 137.09    | 103.62    | 100.90    | 113.87     | 17.70   | ppb   |



|                         |                     |                   |                     |
|-------------------------|---------------------|-------------------|---------------------|
| LB Number :             | LB88853             | Operator :        | Jaswal              |
| Lab Sample ID :         | I4251-06            | Instrumnet Name : | P7                  |
| Client Sample ID :      | WP022RW349-170717   | Dilution Factor : | 1                   |
| Date & Time Acquired :: | 2017-07-19 19:17:58 | DataFile Name :   | 104SMPL_P7071917 -M |

| Parameter  | Mass  | ConRep1    | ConRep2    | ConRep3    | Avg. Conc. | ConcRSD | Units |
|------------|-------|------------|------------|------------|------------|---------|-------|
| Molybdenum | 94-1  | 1.67       | 1.55       | 1.60       | 1.61       | 3.87    | ppb   |
| Molybdenum | 95-1  | 0.55       | 0.62       | 0.51       | 0.56       | 9.77    | ppb   |
| Molybdenum | 96-1  | 0.89       | 0.87       | 0.78       | 0.85       | 6.88    | ppb   |
| Molybdenum | 97-1  | 0.57       | 0.55       | 0.76       | 0.63       | 18.39   | ppb   |
| Molybdenum | 98-1  | 0.55       | 0.57       | 0.59       | 0.57       | 3.79    | ppb   |
| Neodymium  | 150-1 |            |            |            |            |         | cps   |
| Neodymium  | 150-2 |            |            |            |            |         | cps   |
| Nickel     | 60-2  | 20.24      | 19.27      | 19.06      | 19.52      | 3.24    | ppb   |
| Phosphorus | 31-2  | 113.61     | 127.58     | 88.62      | 109.93     | 17.96   | ppb   |
| Potassium  | 39-2  | 9593.83    | 9490.46    | 9493.35    | 9525.88    | 0.62    | ppb   |
| Rhodium    | 103-1 |            |            |            |            |         | %     |
| Rhodium    | 103-2 |            |            |            |            |         | %     |
| Scandium   | 45-1  |            |            |            |            |         | %     |
| Scandium   | 45-2  |            |            |            |            |         | %     |
| Selenium   | 77-2  | 6.13       | 9.12       | 6.05       | 7.10       | 24.62   | ppb   |
| Selenium   | 78-2  | 2.54       | 1.46       | 2.11       | 2.04       | 26.60   | ppb   |
| Selenium   | 82-1  | 5.90       | 4.20       | 2.36       | 4.15       | 42.57   | ppb   |
| Silicon    | 28-1  | 6883.65    | 6912.43    | 6948.45    | 6914.84    | 0.47    | ppb   |
| Silver     | 109-1 | 0.19       | 0.19       | 0.19       | 0.19       | 1.03    | ppb   |
| Silver     | 107-1 | 0.21       | 0.19       | 0.20       | 0.20       | 5.08    | ppb   |
| Sodium     | 23-2  | 3311767.61 | 3294870.51 | 3281959.85 | 3296199.33 | 0.45    | ppb   |
| Strontium  | 86-1  | 1779.33    | 1781.63    | 1790.90    | 1783.95    | 0.34    | ppb   |
| Strontium  | 88-1  | 1801.27    | 1794.26    | 1807.71    | 1801.08    | 0.37    | ppb   |
| Sulfur     | 34-1  | 3589665.44 | 3585255.74 | 3615977.00 | 3596966.06 | 0.46    | ppb   |
| Terbium    | 159-1 |            |            |            |            |         | %     |
| Terbium    | 159-2 |            |            |            |            |         | %     |
| Thallium   | 203-1 | 0.02       | 0.04       | 0.04       | 0.03       | 29.52   | ppb   |
| Thallium   | 205-1 | 0.04       | 0.04       | 0.03       | 0.04       | 14.33   | ppb   |
| Tin        | 118-1 | 0.80       | 0.77       | 0.87       | 0.81       | 6.86    | ppb   |
| Titanium   | 47-1  | 5.20       | 6.70       | 4.71       | 5.54       | 18.68   | ppb   |
| Uranium    | 238-1 | 18.85      | 19.14      | 19.16      | 19.05      | 0.91    | ppb   |
| Vanadium   | 51-2  | 3.57       | 3.66       | 3.70       | 3.64       | 1.88    | ppb   |
| Yttrium    | 89-1  |            |            |            |            |         | %     |
| Yttrium    | 89-2  |            |            |            |            |         | %     |
| Zinc       | 66-2  | 44.01      | 31.33      | 31.41      | 35.59      | 20.51   | ppb   |
| Zirconium  | 90-1  | 2.09       | 2.10       | 1.94       | 2.04       | 4.23    | ppb   |

|                         |                     |                   |                     |
|-------------------------|---------------------|-------------------|---------------------|
| LB Number :             | LB88853             | Operator :        | Jaswal              |
| Lab Sample ID :         | I4251-06            | Instrumnet Name : | P7                  |
| Client Sample ID :      | WP022RW349-170717   | Dilution Factor : | 1                   |
| Date & Time Acquired :: | 2017-07-19 19:17:58 | DataFile Name :   | 104SMPL_P7071917 -M |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|-----------|------|---------|---------|---------|------------|---------|-------|
| Zirconium | 91-1 | 2.07    | 2.02    | 2.09    | 2.06       | 1.75    | ppb   |

|                         |                     |                   |                     |
|-------------------------|---------------------|-------------------|---------------------|
| LB Number :             | LB88853             | Operator :        | Jaswal              |
| Lab Sample ID :         | I4251-07            | Instrumnet Name : | P7                  |
| Client Sample ID :      | WP022MW102-170717   | Dilution Factor : | 1                   |
| Date & Time Acquired :: | 2017-07-19 19:21:31 | DataFile Name :   | 105SMPL_P7071917 -M |

| Parameter  | Mass  | ConRep1   | ConRep2   | ConRep3   | Avg. Conc. | ConcRSD | Units |
|------------|-------|-----------|-----------|-----------|------------|---------|-------|
| Aluminium  | 27-2  | 4.12      | 5.14      | 4.99      | 4.75       | 11.60   | ppb   |
| Antimony   | 121-1 | 1.54      | 1.64      | 1.65      | 1.61       | 3.73    | ppb   |
| Arsenic    | 75-2  | 15.15     | 14.61     | 15.30     | 15.02      | 2.42    | ppb   |
| Barium     | 135-1 | 35.15     | 34.87     | 34.56     | 34.86      | 0.85    | ppb   |
| Barium     | 137-1 | 35.82     | 35.28     | 35.26     | 35.45      | 0.90    | ppb   |
| Beryllium  | 9-1   | 0.14      | 0.07      | -0.01     | 0.07       | 109.85  | ppb   |
| Bismuth    | 209-1 |           |           |           |            |         | %     |
| Bismuth    | 209-2 |           |           |           |            |         | %     |
| Boron      | 10-1  | 296.48    | 290.53    | 291.28    | 292.76     | 1.11    | ppb   |
| Boron      | 11-1  | 309.19    | 315.13    | 309.40    | 311.24     | 1.08    | ppb   |
| Cadmium    | 111-1 | -0.35     | -0.32     | -0.32     | -0.33      |         | ppb   |
| Cadmium    | 106-1 | -4.84     | -4.15     | -4.42     | -4.47      |         | ppb   |
| Cadmium    | 108-1 | 0.04      | 0.04      | 0.00      | 0.03       | 82.46   | ppb   |
| Calcium    | 43-1  | 407648.45 | 408620.71 | 415957.15 | 410742.10  | 1.11    | ppb   |
| Calcium    | 44-1  | 409292.30 | 406415.59 | 414486.88 | 410064.92  | 1.00    | ppb   |
| Chromium   | 52-2  | 1.33      | 1.33      | 1.36      | 1.34       | 1.03    | ppb   |
| Cobalt     | 59-2  | 12.58     | 12.87     | 12.76     | 12.73      | 1.16    | ppb   |
| Copper     | 63-2  | 11.59     | 11.82     | 12.15     | 11.85      | 2.38    | ppb   |
| Dysprosium | 156-1 |           |           |           |            |         | cps   |
| Dysprosium | 156-2 |           |           |           |            |         | cps   |
| Erbium     | 164-1 |           |           |           |            |         | cps   |
| Erbium     | 164-2 |           |           |           |            |         | cps   |
| Gadolinium | 160-1 |           |           |           |            |         | cps   |
| Gadolinium | 160-2 |           |           |           |            |         | cps   |
| Holmium    | 165-1 |           |           |           |            |         | %     |
| Holmium    | 165-2 |           |           |           |            |         | %     |
| Indium     | 115-1 |           |           |           |            |         | %     |
| Indium     | 115-2 |           |           |           |            |         | %     |
| Iron       | 56-2  | 24532.85  | 24413.00  | 24851.25  | 24599.03   | 0.92    | ppb   |
| Iron       | 57-2  | 24061.67  | 24112.52  | 24488.53  | 24220.91   | 0.96    | ppb   |
| Lead       | 206-1 | 0.15      | 0.20      | 0.21      | 0.18       | 17.92   | ppb   |
| Lead       | 207-1 | 0.15      | 0.24      | 0.20      | 0.20       | 22.14   | ppb   |
| Lead       | 208-1 | 0.16      | 0.19      | 0.20      | 0.18       | 12.34   | ppb   |
| Lithium    | 6-1   |           |           |           |            |         | %     |
| Magnesium  | 24-2  | 55316.99  | 55014.97  | 55958.91  | 55430.29   | 0.87    | ppb   |
| Manganese  | 55-2  | 1532.85   | 1530.24   | 1554.81   | 1539.30    | 0.88    | ppb   |

|                         |                     |                   |                     |
|-------------------------|---------------------|-------------------|---------------------|
| LB Number :             | LB88853             | Operator :        | Jaswal              |
| Lab Sample ID :         | I4251-07            | Instrumnet Name : | P7                  |
| Client Sample ID :      | WP022MW102-170717   | Dilution Factor : | 1                   |
| Date & Time Acquired :: | 2017-07-19 19:21:31 | DataFile Name :   | 105SMPL_P7071917 -M |

| Parameter  | Mass  | ConRep1   | ConRep2   | ConRep3   | Avg. Conc. | ConcRSD | Units |
|------------|-------|-----------|-----------|-----------|------------|---------|-------|
| Molybdenum | 94-1  | 0.65      | 0.64      | 0.69      | 0.66       | 3.87    | ppb   |
| Molybdenum | 95-1  | 1.12      | 1.13      | 1.11      | 1.12       | 0.72    | ppb   |
| Molybdenum | 96-1  | 1.23      | 1.16      | 1.17      | 1.19       | 3.46    | ppb   |
| Molybdenum | 97-1  | 1.08      | 1.14      | 1.22      | 1.15       | 6.17    | ppb   |
| Molybdenum | 98-1  | 1.15      | 1.16      | 1.19      | 1.17       | 1.82    | ppb   |
| Neodymium  | 150-1 |           |           |           |            |         | cps   |
| Neodymium  | 150-2 |           |           |           |            |         | cps   |
| Nickel     | 60-2  | 65.45     | 63.98     | 65.50     | 64.98      | 1.33    | ppb   |
| Phosphorus | 31-2  | 76.09     | 61.95     | 81.44     | 73.16      | 13.77   | ppb   |
| Potassium  | 39-2  | 5975.12   | 5969.05   | 6090.88   | 6011.68    | 1.14    | ppb   |
| Rhodium    | 103-1 |           |           |           |            |         | %     |
| Rhodium    | 103-2 |           |           |           |            |         | %     |
| Scandium   | 45-1  |           |           |           |            |         | %     |
| Scandium   | 45-2  |           |           |           |            |         | %     |
| Selenium   | 77-2  | 0.00      | 2.81      | 3.76      | 2.19       | 89.27   | ppb   |
| Selenium   | 78-2  | 0.69      | 0.10      | -0.04     | 0.25       | 156.93  | ppb   |
| Selenium   | 82-1  | 3.00      | 2.36      | 3.04      | 2.80       | 13.74   | ppb   |
| Silicon    | 28-1  | 10999.78  | 10977.88  | 11211.59  | 11063.08   | 1.17    | ppb   |
| Silver     | 109-1 | 0.25      | 0.23      | 0.22      | 0.23       | 6.27    | ppb   |
| Silver     | 107-1 | 0.26      | 0.26      | 0.23      | 0.25       | 6.21    | ppb   |
| Sodium     | 23-2  | 214792.04 | 211700.70 | 214978.43 | 213823.72  | 0.86    | ppb   |
| Strontium  | 86-1  | 1481.88   | 1487.40   | 1483.91   | 1484.40    | 0.19    | ppb   |
| Strontium  | 88-1  | 1508.69   | 1501.81   | 1506.89   | 1505.79    | 0.24    | ppb   |
| Sulfur     | 34-1  | 313625.20 | 315549.49 | 319064.42 | 316079.70  | 0.87    | ppb   |
| Terbium    | 159-1 |           |           |           |            |         | %     |
| Terbium    | 159-2 |           |           |           |            |         | %     |
| Thallium   | 203-1 | -0.02     | 0.00      | 0.00      | 0.00       |         | ppb   |
| Thallium   | 205-1 | 0.00      | 0.01      | 0.02      | 0.01       | 97.45   | ppb   |
| Tin        | 118-1 | 1.08      | 1.02      | 1.03      | 1.04       | 2.66    | ppb   |
| Titanium   | 47-1  | 1.03      | 1.04      | 1.29      | 1.12       | 13.07   | ppb   |
| Uranium    | 238-1 | 1.22      | 1.24      | 1.23      | 1.23       | 0.64    | ppb   |
| Vanadium   | 51-2  | 1.87      | 2.06      | 1.94      | 1.96       | 4.97    | ppb   |
| Yttrium    | 89-1  |           |           |           |            |         | %     |
| Yttrium    | 89-2  |           |           |           |            |         | %     |
| Zinc       | 66-2  | 17.97     | 18.53     | 18.05     | 18.19      | 1.67    | ppb   |
| Zirconium  | 90-1  | 0.45      | 0.48      | 0.43      | 0.45       | 5.41    | ppb   |

|                         |                     |                   |                     |
|-------------------------|---------------------|-------------------|---------------------|
| LB Number :             | LB88853             | Operator :        | Jaswal              |
| Lab Sample ID :         | I4251-07            | Instrumnet Name : | P7                  |
| Client Sample ID :      | WP022MW102-170717   | Dilution Factor : | 1                   |
| Date & Time Acquired :: | 2017-07-19 19:21:31 | DataFile Name :   | 105SMPL_P7071917 -M |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|-----------|------|---------|---------|---------|------------|---------|-------|
| Zirconium | 91-1 | 0.43    | 0.45    | 0.46    | 0.44       | 3.72    | ppb   |

LB Number : LB88853 Operator : Jaswal  
 Lab Sample ID : I4251-07DUP Instrumnet Name : P7  
 Client Sample ID : WP022MW102-170717D Dilution Factor : 1  
 Date & Time Acquired :: 2017-07-19 19:24:58 DataFile Name : 106SMPL\_P7071917 -M1

| Parameter  | Mass  | ConRep1   | ConRep2   | ConRep3   | Avg. Conc. | ConcRSD | Units |
|------------|-------|-----------|-----------|-----------|------------|---------|-------|
| Aluminium  | 27-2  | 4.80      | 5.89      | 4.93      | 5.21       | 11.45   | ppb   |
| Antimony   | 121-1 | 1.37      | 1.36      | 1.38      | 1.37       | 0.57    | ppb   |
| Arsenic    | 75-2  | 14.17     | 15.20     | 14.67     | 14.68      | 3.52    | ppb   |
| Barium     | 135-1 | 35.38     | 34.66     | 34.87     | 34.97      | 1.06    | ppb   |
| Barium     | 137-1 | 35.13     | 35.18     | 35.70     | 35.34      | 0.89    | ppb   |
| Beryllium  | 9-1   | -0.02     | -0.01     | 0.00      | -0.01      |         | ppb   |
| Bismuth    | 209-1 |           |           |           |            |         | %     |
| Bismuth    | 209-2 |           |           |           |            |         | %     |
| Boron      | 10-1  | 280.71    | 284.35    | 292.32    | 285.80     | 2.08    | ppb   |
| Boron      | 11-1  | 300.04    | 302.37    | 301.64    | 301.35     | 0.40    | ppb   |
| Cadmium    | 111-1 | -0.34     | -0.42     | -0.33     | -0.37      |         | ppb   |
| Cadmium    | 106-1 | -4.84     | -5.42     | -4.28     | -4.85      |         | ppb   |
| Cadmium    | 108-1 | 0.16      | 0.16      | 0.04      | 0.12       | 55.42   | ppb   |
| Calcium    | 43-1  | 417534.95 | 417449.53 | 420006.68 | 418330.39  | 0.35    | ppb   |
| Calcium    | 44-1  | 411657.21 | 418350.11 | 419061.01 | 416356.11  | 0.98    | ppb   |
| Chromium   | 52-2  | 1.37      | 1.40      | 1.40      | 1.39       | 1.22    | ppb   |
| Cobalt     | 59-2  | 12.29     | 13.24     | 12.94     | 12.82      | 3.78    | ppb   |
| Copper     | 63-2  | 12.53     | 13.26     | 13.49     | 13.09      | 3.82    | 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  | 23596.57  | 25063.19  | 24826.03  | 24495.26   | 3.21    | ppb   |
| Iron       | 57-2  | 23330.05  | 24733.77  | 24575.44  | 24213.09   | 3.18    | ppb   |
| Lead       | 206-1 | 0.14      | 0.13      | 0.18      | 0.15       | 16.96   | ppb   |
| Lead       | 207-1 | 0.13      | 0.19      | 0.20      | 0.17       | 21.46   | ppb   |
| Lead       | 208-1 | 0.15      | 0.16      | 0.18      | 0.17       | 9.05    | ppb   |
| Lithium    | 6-1   |           |           |           |            |         | %     |
| Magnesium  | 24-2  | 52355.54  | 56156.91  | 55664.21  | 54725.55   | 3.78    | ppb   |
| Manganese  | 55-2  | 1475.01   | 1569.14   | 1558.94   | 1534.36    | 3.37    | ppb   |

|                         |                     |                   |                     |
|-------------------------|---------------------|-------------------|---------------------|
| LB Number :             | LB88853             | Operator :        | Jaswal              |
| Lab Sample ID :         | I4251-07DUP         | Instrumnet Name : | P7                  |
| Client Sample ID :      | WP022MW102-170717D  | Dilution Factor : | 1                   |
| Date & Time Acquired :: | 2017-07-19 19:24:58 | DataFile Name :   | 106SMPL_P7071917 -M |

| Parameter  | Mass  | ConRep1   | ConRep2   | ConRep3   | Avg. Conc. | ConcRSD | Units |
|------------|-------|-----------|-----------|-----------|------------|---------|-------|
| Molybdenum | 94-1  | 0.71      | 0.67      | 0.66      | 0.68       | 3.83    | ppb   |
| Molybdenum | 95-1  | 1.10      | 1.18      | 1.18      | 1.15       | 4.18    | ppb   |
| Molybdenum | 96-1  | 1.22      | 1.23      | 1.10      | 1.18       | 6.20    | ppb   |
| Molybdenum | 97-1  | 1.08      | 1.15      | 1.16      | 1.13       | 3.97    | ppb   |
| Molybdenum | 98-1  | 1.15      | 1.08      | 1.09      | 1.11       | 3.69    | ppb   |
| Neodymium  | 150-1 |           |           |           |            |         | cps   |
| Neodymium  | 150-2 |           |           |           |            |         | cps   |
| Nickel     | 60-2  | 61.83     | 66.23     | 64.62     | 64.23      | 3.47    | ppb   |
| Phosphorus | 31-2  | 66.74     | 44.32     | 69.76     | 60.27      | 23.06   | ppb   |
| Potassium  | 39-2  | 5705.02   | 6042.18   | 5957.56   | 5901.59    | 2.97    | ppb   |
| Rhodium    | 103-1 |           |           |           |            |         | %     |
| Rhodium    | 103-2 |           |           |           |            |         | %     |
| Scandium   | 45-1  |           |           |           |            |         | %     |
| Scandium   | 45-2  |           |           |           |            |         | %     |
| Selenium   | 77-2  | 2.82      | 0.00      | 0.00      | 0.94       | 173.21  | ppb   |
| Selenium   | 78-2  | -1.15     | 0.78      | 0.17      | -0.06      |         | ppb   |
| Selenium   | 82-1  | 1.88      | 3.03      | 2.49      | 2.47       | 23.27   | ppb   |
| Silicon    | 28-1  | 11074.19  | 11116.16  | 11200.96  | 11130.44   | 0.58    | ppb   |
| Silver     | 109-1 | 0.22      | 0.22      | 0.22      | 0.22       | 0.20    | ppb   |
| Silver     | 107-1 | 0.25      | 0.28      | 0.19      | 0.24       | 17.53   | ppb   |
| Sodium     | 23-2  | 204077.51 | 215280.72 | 214350.36 | 211236.20  | 2.94    | ppb   |
| Strontium  | 86-1  | 1499.50   | 1496.62   | 1505.61   | 1500.58    | 0.31    | ppb   |
| Strontium  | 88-1  | 1509.47   | 1516.97   | 1541.47   | 1522.64    | 1.10    | ppb   |
| Sulfur     | 34-1  | 315775.92 | 324709.88 | 320576.75 | 320354.18  | 1.40    | ppb   |
| Terbium    | 159-1 |           |           |           |            |         | %     |
| Terbium    | 159-2 |           |           |           |            |         | %     |
| Thallium   | 203-1 | -0.02     | 0.00      | -0.01     | -0.01      |         | ppb   |
| Thallium   | 205-1 | 0.01      | 0.01      | 0.01      | 0.01       | 39.26   | ppb   |
| Tin        | 118-1 | 1.63      | 1.03      | 0.96      | 1.21       | 30.51   | ppb   |
| Titanium   | 47-1  | 1.21      | 1.07      | 1.02      | 1.10       | 8.95    | ppb   |
| Uranium    | 238-1 | 1.22      | 1.28      | 1.25      | 1.25       | 2.32    | ppb   |
| Vanadium   | 51-2  | 1.88      | 1.97      | 1.95      | 1.93       | 2.50    | ppb   |
| Yttrium    | 89-1  |           |           |           |            |         | %     |
| Yttrium    | 89-2  |           |           |           |            |         | %     |
| Zinc       | 66-2  | 17.29     | 18.42     | 19.45     | 18.38      | 5.88    | ppb   |
| Zirconium  | 90-1  | 0.42      | 0.40      | 0.42      | 0.41       | 3.83    | ppb   |

|                         |                     |                   |                     |
|-------------------------|---------------------|-------------------|---------------------|
| LB Number :             | LB88853             | Operator :        | Jaswal              |
| Lab Sample ID :         | I4251-07DUP         | Instrumnet Name : | P7                  |
| Client Sample ID :      | WP022MW102-170717D  | Dilution Factor : | 1                   |
| Date & Time Acquired :: | 2017-07-19 19:24:58 | DataFile Name :   | 106SMPL_P7071917 -M |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|-----------|------|---------|---------|---------|------------|---------|-------|
| Zirconium | 91-1 | 0.38    | 0.46    | 0.49    | 0.44       | 12.91   | ppb   |



|                         |                     |                   |                      |
|-------------------------|---------------------|-------------------|----------------------|
| LB Number :             | LB88853             | Operator :        | Jaswal               |
| Lab Sample ID :         | CCV38               | Instrumnet Name : | P7                   |
| Client Sample ID :      | CCV38               | Dilution Factor : | 1                    |
| Date & Time Acquired :: | 2017-07-19 19:28:27 | DataFile Name :   | 107CCV_P7071917 -MS. |

| Parameter  | Mass  | ConRep1   | ConRep2   | ConRep3   | Avg. Conc. | ConcRSD | Units |
|------------|-------|-----------|-----------|-----------|------------|---------|-------|
| Aluminium  | 27-2  | 50343.67  | 50291.76  | 49954.04  | 50196.49   | 0.42    | ppb   |
| Antimony   | 121-1 | 401.18    | 397.86    | 404.43    | 401.16     | 0.82    | ppb   |
| Arsenic    | 75-2  | 500.16    | 495.58    | 501.00    | 498.91     | 0.58    | ppb   |
| Barium     | 135-1 | 2454.69   | 2398.45   | 2428.15   | 2427.10    | 1.16    | ppb   |
| Barium     | 137-1 | 2497.40   | 2441.35   | 2491.06   | 2476.60    | 1.24    | ppb   |
| Beryllium  | 9-1   | 483.33    | 479.84    | 485.24    | 482.80     | 0.57    | ppb   |
| Bismuth    | 209-1 |           |           |           |            |         | %     |
| Bismuth    | 209-2 |           |           |           |            |         | %     |
| Boron      | 10-1  | 475.51    | 476.94    | 480.37    | 477.61     | 0.52    | ppb   |
| Boron      | 11-1  | 483.53    | 488.95    | 497.12    | 489.87     | 1.40    | ppb   |
| Cadmium    | 111-1 | 459.88    | 455.27    | 459.04    | 458.06     | 0.54    | ppb   |
| Cadmium    | 106-1 | 452.26    | 451.69    | 451.61    | 451.85     | 0.08    | ppb   |
| Cadmium    | 108-1 | 460.90    | 445.93    | 459.40    | 455.41     | 1.81    | ppb   |
| Calcium    | 43-1  | 256222.27 | 254159.28 | 258107.75 | 256163.10  | 0.77    | ppb   |
| Calcium    | 44-1  | 252507.53 | 251373.07 | 255239.52 | 253040.04  | 0.79    | ppb   |
| Chromium   | 52-2  | 544.36    | 541.63    | 537.56    | 541.18     | 0.63    | ppb   |
| Cobalt     | 59-2  | 534.43    | 531.03    | 525.78    | 530.42     | 0.82    | ppb   |
| Copper     | 63-2  | 1061.94   | 1058.05   | 1048.69   | 1056.23    | 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  | 136738.75 | 136873.85 | 135246.90 | 136286.50  | 0.66    | ppb   |
| Iron       | 57-2  | 135042.68 | 134703.73 | 133975.28 | 134573.90  | 0.41    | ppb   |
| Lead       | 206-1 | 527.13    | 527.95    | 526.24    | 527.11     | 0.16    | ppb   |
| Lead       | 207-1 | 518.30    | 517.35    | 516.82    | 517.49     | 0.15    | ppb   |
| Lead       | 208-1 | 530.61    | 530.93    | 529.83    | 530.46     | 0.11    | ppb   |
| Lithium    | 6-1   |           |           |           |            |         | %     |
| Magnesium  | 24-2  | 255104.08 | 251968.28 | 252550.91 | 253207.76  | 0.66    | ppb   |
| Manganese  | 55-2  | 1050.64   | 1056.83   | 1039.69   | 1049.05    | 0.83    | ppb   |

|                         |                     |                   |                      |
|-------------------------|---------------------|-------------------|----------------------|
| LB Number :             | LB88853             | Operator :        | Jaswal               |
| Lab Sample ID :         | CCV38               | Instrumnet Name : | P7                   |
| Client Sample ID :      | CCV38               | Dilution Factor : | 1                    |
| Date & Time Acquired :: | 2017-07-19 19:28:27 | DataFile Name :   | 107CCV_P7071917 -MS. |

| Parameter  | Mass  | ConRep1   | ConRep2   | ConRep3   | Avg. Conc. | ConcRSD | Units |
|------------|-------|-----------|-----------|-----------|------------|---------|-------|
| Molybdenum | 94-1  | 505.04    | 501.95    | 505.72    | 504.23     | 0.40    | ppb   |
| Molybdenum | 95-1  | 509.04    | 504.80    | 511.43    | 508.43     | 0.66    | ppb   |
| Molybdenum | 96-1  | 507.41    | 501.17    | 509.23    | 505.94     | 0.84    | ppb   |
| Molybdenum | 97-1  | 512.12    | 506.10    | 511.85    | 510.02     | 0.67    | ppb   |
| Molybdenum | 98-1  | 515.52    | 512.34    | 517.08    | 514.98     | 0.47    | ppb   |
| Neodymium  | 150-1 |           |           |           |            |         | cps   |
| Neodymium  | 150-2 |           |           |           |            |         | cps   |
| Nickel     | 60-2  | 538.61    | 536.26    | 536.16    | 537.01     | 0.26    | ppb   |
| Phosphorus | 31-2  | 9894.23   | 9838.95   | 9700.08   | 9811.09    | 1.02    | ppb   |
| Potassium  | 39-2  | 128170.73 | 128474.70 | 126775.56 | 127806.99  | 0.71    | ppb   |
| Rhodium    | 103-1 |           |           |           |            |         | %     |
| Rhodium    | 103-2 |           |           |           |            |         | %     |
| Scandium   | 45-1  |           |           |           |            |         | %     |
| Scandium   | 45-2  |           |           |           |            |         | %     |
| Selenium   | 77-2  | 448.72    | 492.03    | 486.62    | 475.79     | 4.96    | ppb   |
| Selenium   | 78-2  | 475.15    | 477.00    | 492.90    | 481.68     | 2.03    | ppb   |
| Selenium   | 82-1  | 481.02    | 484.58    | 490.16    | 485.25     | 0.95    | ppb   |
| Silicon    | 28-1  | 571.05    | 573.28    | 587.38    | 577.24     | 1.53    | ppb   |
| Silver     | 109-1 | 455.90    | 450.59    | 453.68    | 453.39     | 0.59    | ppb   |
| Silver     | 107-1 | 457.35    | 447.21    | 456.80    | 453.79     | 1.26    | ppb   |
| Sodium     | 23-2  | 255804.63 | 254651.25 | 252374.95 | 254276.94  | 0.69    | ppb   |
| Strontium  | 86-1  | 513.42    | 511.65    | 514.41    | 513.16     | 0.27    | ppb   |
| Strontium  | 88-1  | 529.32    | 524.13    | 525.97    | 526.47     | 0.50    | ppb   |
| Sulfur     | 34-1  | 10678.80  | 10507.10  | 10841.29  | 10675.73   | 1.57    | ppb   |
| Terbium    | 159-1 |           |           |           |            |         | %     |
| Terbium    | 159-2 |           |           |           |            |         | %     |
| Thallium   | 203-1 | 523.09    | 517.61    | 520.53    | 520.41     | 0.53    | ppb   |
| Thallium   | 205-1 | 540.09    | 537.95    | 538.03    | 538.69     | 0.23    | ppb   |
| Tin        | 118-1 | 483.12    | 476.23    | 480.15    | 479.83     | 0.72    | ppb   |
| Titanium   | 47-1  | 524.95    | 515.20    | 523.30    | 521.15     | 1.00    | ppb   |
| Uranium    | 238-1 | 559.21    | 557.52    | 559.64    | 558.79     | 0.20    | ppb   |
| Vanadium   | 51-2  | 531.98    | 531.32    | 528.63    | 530.64     | 0.33    | ppb   |
| Yttrium    | 89-1  |           |           |           |            |         | %     |
| Yttrium    | 89-2  |           |           |           |            |         | %     |
| Zinc       | 66-2  | 1040.06   | 1029.33   | 1031.86   | 1033.75    | 0.54    | ppb   |
| Zirconium  | 90-1  | 503.03    | 498.81    | 505.18    | 502.34     | 0.65    | ppb   |

|                         |                     |                   |                      |
|-------------------------|---------------------|-------------------|----------------------|
| LB Number :             | LB88853             | Operator :        | Jaswal               |
| Lab Sample ID :         | CCV38               | Instrumnet Name : | P7                   |
| Client Sample ID :      | CCV38               | Dilution Factor : | 1                    |
| Date & Time Acquired :: | 2017-07-19 19:28:27 | DataFile Name :   | 107CCV_P7071917 -MS. |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|-----------|------|---------|---------|---------|------------|---------|-------|
| Zirconium | 91-1 | 494.92  | 493.97  | 501.48  | 496.79     | 0.82    | ppb   |

LB Number : LB88853 Operator : Jaswal  
 Lab Sample ID : CCB38 Instrumnet Name : P7  
 Client Sample ID : CCB38 Dilution Factor : 1  
 Date & Time Acquired :: 2017-07-19 19:31:58 DataFile Name : 108CCBE\_P7071917 -M:

| Parameter  | Mass  | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|------------|-------|---------|---------|---------|------------|---------|-------|
| Aluminium  | 27-2  | -0.42   | 0.40    | 1.01    | 0.33       | 215.47  | ppb   |
| Antimony   | 121-1 | 1.37    | 1.19    | 1.12    | 1.23       | 10.36   | ppb   |
| Arsenic    | 75-2  | 0.22    | 0.22    | 0.19    | 0.21       | 9.33    | ppb   |
| Barium     | 135-1 | -0.07   | -0.07   | -0.11   | -0.08      |         | ppb   |
| Barium     | 137-1 | -0.03   | -0.03   | -0.04   | -0.03      |         | ppb   |
| Beryllium  | 9-1   | 0.25    | 0.30    | 0.35    | 0.30       | 17.73   | ppb   |
| Bismuth    | 209-1 |         |         |         |            |         | %     |
| Bismuth    | 209-2 |         |         |         |            |         | %     |
| Boron      | 10-1  | 40.50   | 37.89   | 39.54   | 39.31      | 3.36    | ppb   |
| Boron      | 11-1  | 41.25   | 41.44   | 38.44   | 40.38      | 4.16    | ppb   |
| Cadmium    | 111-1 | -0.39   | -0.30   | -0.27   | -0.32      |         | ppb   |
| Cadmium    | 106-1 | -5.04   | -3.57   | -3.34   | -3.98      |         | ppb   |
| Cadmium    | 108-1 | 0.01    | 0.05    | 0.09    | 0.05       | 87.52   | ppb   |
| Calcium    | 43-1  | 1.74    | 6.47    | 3.91    | 4.04       | 58.54   | ppb   |
| Calcium    | 44-1  | 3.66    | 0.59    | 1.65    | 1.97       | 79.37   | ppb   |
| Chromium   | 52-2  | 0.03    | 0.04    | 0.03    | 0.03       | 11.76   | ppb   |
| Cobalt     | 59-2  | -0.07   | -0.07   | -0.07   | -0.07      |         | ppb   |
| Copper     | 63-2  | 1.27    | 1.34    | 1.05    | 1.22       | 12.34   | 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  | 4.74    | 4.72    | 5.16    | 4.87       | 5.15    | ppb   |
| Iron       | 57-2  | 5.45    | 8.10    | 4.42    | 5.99       | 31.71   | ppb   |
| Lead       | 206-1 | -0.05   | -0.07   | -0.04   | -0.05      |         | ppb   |
| Lead       | 207-1 | -0.01   | -0.03   | -0.06   | -0.03      |         | ppb   |
| Lead       | 208-1 | -0.04   | -0.05   | -0.04   | -0.04      |         | ppb   |
| Lithium    | 6-1   |         |         |         |            |         | %     |
| Magnesium  | 24-2  | -4.60   | -6.38   | -4.09   | -5.02      |         | ppb   |
| Manganese  | 55-2  | 0.07    | 0.21    | 0.08    | 0.12       | 64.64   | ppb   |

|                         |                     |                   |                     |
|-------------------------|---------------------|-------------------|---------------------|
| LB Number :             | LB88853             | Operator :        | Jaswal              |
| Lab Sample ID :         | CCB38               | Instrumnet Name : | P7                  |
| Client Sample ID :      | CCB38               | Dilution Factor : | 1                   |
| Date & Time Acquired :: | 2017-07-19 19:31:58 | DataFile Name :   | 108CCBE_P7071917 -M |

| Parameter  | Mass  | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|------------|-------|---------|---------|---------|------------|---------|-------|
| Molybdenum | 94-1  | 0.36    | 0.27    | 0.34    | 0.32       | 15.35   | ppb   |
| Molybdenum | 95-1  | 0.24    | 0.23    | 0.25    | 0.24       | 2.71    | ppb   |
| Molybdenum | 96-1  | 0.33    | 0.27    | 0.28    | 0.29       | 10.98   | ppb   |
| Molybdenum | 97-1  | 0.36    | 0.28    | 0.28    | 0.31       | 14.68   | ppb   |
| Molybdenum | 98-1  | 0.30    | 0.29    | 0.30    | 0.30       | 2.49    | ppb   |
| Neodymium  | 150-1 |         |         |         |            |         | cps   |
| Neodymium  | 150-2 |         |         |         |            |         | cps   |
| Nickel     | 60-2  | -0.52   | -0.46   | -0.44   | -0.47      |         | ppb   |
| Phosphorus | 31-2  | 0.53    | 0.11    | -0.20   | 0.15       | 252.15  | ppb   |
| Potassium  | 39-2  | 48.03   | 46.25   | 50.97   | 48.42      | 4.92    | ppb   |
| Rhodium    | 103-1 |         |         |         |            |         | %     |
| Rhodium    | 103-2 |         |         |         |            |         | %     |
| Scandium   | 45-1  |         |         |         |            |         | %     |
| Scandium   | 45-2  |         |         |         |            |         | %     |
| Selenium   | 77-2  | 0.95    | 0.94    | 0.94    | 0.94       | 0.55    | ppb   |
| Selenium   | 78-2  | 1.43    | 0.11    | -1.61   | -0.02      |         | ppb   |
| Selenium   | 82-1  | 0.67    | 1.06    | 0.11    | 0.61       | 77.65   | ppb   |
| Silicon    | 28-1  | 36.64   | 33.51   | 34.14   | 34.76      | 4.76    | ppb   |
| Silver     | 109-1 | 0.19    | 0.19    | 0.14    | 0.17       | 16.35   | ppb   |
| Silver     | 107-1 | 0.17    | 0.17    | 0.17    | 0.17       | 2.43    | ppb   |
| Sodium     | 23-2  | 167.64  | 161.59  | 157.69  | 162.31     | 3.09    | ppb   |
| Strontium  | 86-1  | 0.04    | 0.13    | 0.08    | 0.08       | 56.08   | ppb   |
| Strontium  | 88-1  | 0.01    | 0.00    | 0.01    | 0.00       | 148.68  | ppb   |
| Sulfur     | 34-1  | 678.93  | 691.69  | 814.28  | 728.30     | 10.26   | ppb   |
| Terbium    | 159-1 |         |         |         |            |         | %     |
| Terbium    | 159-2 |         |         |         |            |         | %     |
| Thallium   | 203-1 | 0.00    | -0.02   | -0.03   | -0.02      |         | ppb   |
| Thallium   | 205-1 | 0.00    | -0.01   | -0.01   | -0.01      |         | ppb   |
| Tin        | 118-1 | 0.52    | 0.53    | 0.49    | 0.52       | 3.87    | ppb   |
| Titanium   | 47-1  | -0.02   | 0.01    | 0.08    | 0.02       | 240.98  | ppb   |
| Uranium    | 238-1 | -0.05   | -0.05   | -0.05   | -0.05      |         | ppb   |
| Vanadium   | 51-2  | 0.01    | -0.01   | -0.01   | 0.00       |         | ppb   |
| Yttrium    | 89-1  |         |         |         |            |         | %     |
| Yttrium    | 89-2  |         |         |         |            |         | %     |
| Zinc       | 66-2  | 1.49    | 1.81    | 1.46    | 1.59       | 12.13   | ppb   |
| Zirconium  | 90-1  | 0.35    | 0.37    | 0.34    | 0.35       | 5.28    | ppb   |

|                         |                     |                   |                      |
|-------------------------|---------------------|-------------------|----------------------|
| LB Number :             | LB88853             | Operator :        | Jaswal               |
| Lab Sample ID :         | CCB38               | Instrumnet Name : | P7                   |
| Client Sample ID :      | CCB38               | Dilution Factor : | 1                    |
| Date & Time Acquired :: | 2017-07-19 19:31:58 | DataFile Name :   | 108CCBE_P7071917 -M: |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|-----------|------|---------|---------|---------|------------|---------|-------|
| Zirconium | 91-1 | 0.36    | 0.33    | 0.39    | 0.36       | 7.88    | ppb   |

LB Number : LB88853 Operator : Jaswal  
 Lab Sample ID : I4251-07LX5 Instrumnet Name : P7  
 Client Sample ID : WP022MW102-170717L Dilution Factor : 5  
 Date & Time Acquired :: 2017-07-19 19:35:29 DataFile Name : 109SMPL\_P7071917 -M

| Parameter  | Mass  | ConRep1  | ConRep2  | ConRep3  | Avg. Conc. | ConcRSD | Units |
|------------|-------|----------|----------|----------|------------|---------|-------|
| Aluminium  | 27-2  | 1.11     | 0.86     | 0.49     | 0.82       | 38.27   | ppb   |
| Antimony   | 121-1 | 4.30     | 3.88     | 3.55     | 3.91       | 9.55    | ppb   |
| Arsenic    | 75-2  | 3.89     | 3.54     | 3.36     | 3.60       | 7.40    | ppb   |
| Barium     | 135-1 | 8.05     | 7.96     | 7.59     | 7.87       | 3.07    | ppb   |
| Barium     | 137-1 | 7.99     | 7.69     | 8.11     | 7.93       | 2.76    | ppb   |
| Beryllium  | 9-1   | 0.14     | 0.11     | 0.11     | 0.12       | 14.47   | ppb   |
| Bismuth    | 209-1 |          |          |          |            |         | %     |
| Bismuth    | 209-2 |          |          |          |            |         | %     |
| Boron      | 10-1  | 85.93    | 87.75    | 81.76    | 85.15      | 3.61    | ppb   |
| Boron      | 11-1  | 84.31    | 85.80    | 87.59    | 85.90      | 1.91    | ppb   |
| Cadmium    | 111-1 | -0.37    | -0.21    | -0.23    | -0.27      |         | ppb   |
| Cadmium    | 106-1 | -4.57    | -2.51    | -3.03    | -3.37      |         | ppb   |
| Cadmium    | 108-1 | 0.04     | -0.11    | -0.04    | -0.04      |         | ppb   |
| Calcium    | 43-1  | 95559.64 | 93964.00 | 92940.82 | 94154.82   | 1.40    | ppb   |
| Calcium    | 44-1  | 95205.26 | 94554.84 | 92496.29 | 94085.46   | 1.50    | ppb   |
| Chromium   | 52-2  | 0.35     | 0.28     | 0.31     | 0.32       | 11.11   | ppb   |
| Cobalt     | 59-2  | 3.20     | 3.02     | 3.26     | 3.16       | 3.99    | ppb   |
| Copper     | 63-2  | 3.75     | 3.34     | 3.51     | 3.53       | 5.93    | ppb   |
| Dysprosium | 156-1 |          |          |          |            |         | cps   |
| Dysprosium | 156-2 |          |          |          |            |         | cps   |
| Erbium     | 164-1 |          |          |          |            |         | cps   |
| Erbium     | 164-2 |          |          |          |            |         | cps   |
| Gadolinium | 160-1 |          |          |          |            |         | cps   |
| Gadolinium | 160-2 |          |          |          |            |         | cps   |
| Holmium    | 165-1 |          |          |          |            |         | %     |
| Holmium    | 165-2 |          |          |          |            |         | %     |
| Indium     | 115-1 |          |          |          |            |         | %     |
| Indium     | 115-2 |          |          |          |            |         | %     |
| Iron       | 56-2  | 6013.72  | 5808.03  | 6153.05  | 5991.60    | 2.90    | ppb   |
| Iron       | 57-2  | 5882.94  | 5665.67  | 6032.11  | 5860.24    | 3.14    | ppb   |
| Lead       | 206-1 | -0.03    | 0.00     | -0.05    | -0.03      |         | ppb   |
| Lead       | 207-1 | -0.01    | -0.01    | -0.02    | -0.02      |         | ppb   |
| Lead       | 208-1 | -0.02    | -0.01    | -0.04    | -0.02      |         | ppb   |
| Lithium    | 6-1   |          |          |          |            |         | %     |
| Magnesium  | 24-2  | 13066.02 | 12581.71 | 13355.92 | 13001.22   | 3.01    | ppb   |
| Manganese  | 55-2  | 373.34   | 358.59   | 379.92   | 370.62     | 2.95    | ppb   |

LB Number : LB88853 Operator : Jaswal  
 Lab Sample ID : I4251-07LX5 Instrumnet Name : P7  
 Client Sample ID : WP022MW102-170717L Dilution Factor : 5  
 Date & Time Acquired :: 2017-07-19 19:35:29 DataFile Name : 109SMPL\_P7071917 -M

| Parameter  | Mass  | ConRep1  | ConRep2  | ConRep3  | Avg. Conc. | ConcRSD | Units |
|------------|-------|----------|----------|----------|------------|---------|-------|
| Molybdenum | 94-1  | 0.45     | 0.43     | 0.40     | 0.43       | 6.05    | ppb   |
| Molybdenum | 95-1  | 0.32     | 0.25     | 0.27     | 0.28       | 12.41   | ppb   |
| Molybdenum | 96-1  | 0.41     | 0.39     | 0.38     | 0.39       | 3.08    | ppb   |
| Molybdenum | 97-1  | 0.38     | 0.34     | 0.32     | 0.35       | 7.69    | ppb   |
| Molybdenum | 98-1  | 0.32     | 0.32     | 0.31     | 0.32       | 2.45    | ppb   |
| Neodymium  | 150-1 |          |          |          |            |         | cps   |
| Neodymium  | 150-2 |          |          |          |            |         | cps   |
| Nickel     | 60-2  | 15.46    | 14.55    | 15.79    | 15.27      | 4.21    | ppb   |
| Phosphorus | 31-2  | 14.44    | 17.20    | 3.46     | 11.70      | 62.12   | ppb   |
| Potassium  | 39-2  | 1455.49  | 1442.35  | 1498.90  | 1465.58    | 2.02    | ppb   |
| Rhodium    | 103-1 |          |          |          |            |         | %     |
| Rhodium    | 103-2 |          |          |          |            |         | %     |
| Scandium   | 45-1  |          |          |          |            |         | %     |
| Scandium   | 45-2  |          |          |          |            |         | %     |
| Selenium   | 77-2  | 0.00     | 0.00     | 0.00     | 0.00       | N/A     | ppb   |
| Selenium   | 78-2  | -1.49    | -0.90    | -0.97    | -1.12      |         | ppb   |
| Selenium   | 82-1  | 1.12     | 1.06     | 1.43     | 1.20       | 16.37   | ppb   |
| Silicon    | 28-1  | 2521.05  | 2511.43  | 2461.19  | 2497.89    | 1.29    | ppb   |
| Silver     | 109-1 | 0.27     | 0.27     | 0.29     | 0.28       | 3.94    | ppb   |
| Silver     | 107-1 | 0.26     | 0.27     | 0.26     | 0.26       | 2.86    | ppb   |
| Sodium     | 23-2  | 50996.27 | 49316.22 | 51783.37 | 50698.62   | 2.49    | ppb   |
| Strontium  | 86-1  | 340.72   | 339.06   | 333.65   | 337.81     | 1.09    | ppb   |
| Strontium  | 88-1  | 347.37   | 345.10   | 340.48   | 344.32     | 1.02    | ppb   |
| Sulfur     | 34-1  | 84629.63 | 83316.51 | 81774.36 | 83240.16   | 1.72    | ppb   |
| Terbium    | 159-1 |          |          |          |            |         | %     |
| Terbium    | 159-2 |          |          |          |            |         | %     |
| Thallium   | 203-1 | -0.01    | -0.03    | -0.03    | -0.03      |         | ppb   |
| Thallium   | 205-1 | -0.01    | -0.02    | -0.02    | -0.02      |         | ppb   |
| Tin        | 118-1 | 0.29     | 0.29     | 0.28     | 0.29       | 0.88    | ppb   |
| Titanium   | 47-1  | 0.27     | 0.19     | 0.40     | 0.28       | 36.83   | ppb   |
| Uranium    | 238-1 | 0.24     | 0.22     | 0.22     | 0.23       | 4.24    | ppb   |
| Vanadium   | 51-2  | 0.54     | 0.42     | 0.45     | 0.47       | 14.00   | ppb   |
| Yttrium    | 89-1  |          |          |          |            |         | %     |
| Yttrium    | 89-2  |          |          |          |            |         | %     |
| Zinc       | 66-2  | 5.04     | 5.28     | 4.96     | 5.09       | 3.32    | ppb   |
| Zirconium  | 90-1  | 0.54     | 0.50     | 0.47     | 0.50       | 7.30    | ppb   |



|                         |                     |                   |                     |
|-------------------------|---------------------|-------------------|---------------------|
| LB Number :             | LB88853             | Operator :        | Jaswal              |
| Lab Sample ID :         | I4251-07LX5         | Instrumnet Name : | P7                  |
| Client Sample ID :      | WP022MW102-170717L  | Dilution Factor : | 5                   |
| Date & Time Acquired :: | 2017-07-19 19:35:29 | DataFile Name :   | 109SMPL_P7071917 -M |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|-----------|------|---------|---------|---------|------------|---------|-------|
| Zirconium | 91-1 | 0.51    | 0.48    | 0.54    | 0.51       | 5.75    | ppb   |

LB Number : LB88853 Operator : Jaswal  
 Lab Sample ID : I4251-08 Instrumnet Name : P7  
 Client Sample ID : WP022MW102-170717M Dilution Factor : 1  
 Date & Time Acquired :: 2017-07-19 19:38:58 DataFile Name : 110SMPL\_P7071917 -M8

| Parameter  | Mass  | ConRep1   | ConRep2   | ConRep3   | Avg. Conc. | ConcRSD | Units |
|------------|-------|-----------|-----------|-----------|------------|---------|-------|
| Aluminium  | 27-2  | 9559.40   | 9841.76   | 9678.66   | 9693.27    | 1.46    | ppb   |
| Antimony   | 121-1 | 487.14    | 488.43    | 489.49    | 488.36     | 0.24    | ppb   |
| Arsenic    | 75-2  | 547.76    | 548.89    | 549.80    | 548.82     | 0.19    | ppb   |
| Barium     | 135-1 | 2460.29   | 2459.87   | 2454.78   | 2458.31    | 0.12    | ppb   |
| Barium     | 137-1 | 2518.54   | 2476.51   | 2505.79   | 2500.28    | 0.86    | ppb   |
| Beryllium  | 9-1   | 421.00    | 412.33    | 412.50    | 415.28     | 1.19    | ppb   |
| Bismuth    | 209-1 |           |           |           |            |         | %     |
| Bismuth    | 209-2 |           |           |           |            |         | %     |
| Boron      | 10-1  | 659.64    | 669.02    | 655.43    | 661.37     | 1.05    | ppb   |
| Boron      | 11-1  | 667.46    | 678.41    | 689.25    | 678.37     | 1.61    | ppb   |
| Cadmium    | 111-1 | 465.33    | 463.89    | 466.48    | 465.23     | 0.28    | ppb   |
| Cadmium    | 106-1 | 463.90    | 451.18    | 456.08    | 457.05     | 1.40    | ppb   |
| Cadmium    | 108-1 | 468.31    | 467.73    | 469.28    | 468.44     | 0.17    | ppb   |
| Calcium    | 43-1  | 482071.41 | 486933.94 | 494846.33 | 487950.56  | 1.32    | ppb   |
| Calcium    | 44-1  | 477613.02 | 481423.76 | 491510.21 | 483515.66  | 1.49    | ppb   |
| Chromium   | 52-2  | 565.60    | 571.31    | 567.53    | 568.14     | 0.51    | ppb   |
| Cobalt     | 59-2  | 579.91    | 592.77    | 585.72    | 586.13     | 1.10    | ppb   |
| Copper     | 63-2  | 1128.28   | 1149.07   | 1141.28   | 1139.54    | 0.92    | ppb   |
| Dysprosium | 156-1 |           |           |           |            |         | cps   |
| Dysprosium | 156-2 |           |           |           |            |         | cps   |
| Erbium     | 164-1 |           |           |           |            |         | cps   |
| Erbium     | 164-2 |           |           |           |            |         | cps   |
| Gadolinium | 160-1 |           |           |           |            |         | cps   |
| Gadolinium | 160-2 |           |           |           |            |         | cps   |
| Holmium    | 165-1 |           |           |           |            |         | %     |
| Holmium    | 165-2 |           |           |           |            |         | %     |
| Indium     | 115-1 |           |           |           |            |         | %     |
| Indium     | 115-2 |           |           |           |            |         | %     |
| Iron       | 56-2  | 54298.05  | 55622.50  | 55082.07  | 55000.87   | 1.21    | ppb   |
| Iron       | 57-2  | 53204.87  | 54708.25  | 54028.67  | 53980.60   | 1.39    | ppb   |
| Lead       | 206-1 | 519.56    | 533.28    | 539.56    | 530.80     | 1.93    | ppb   |
| Lead       | 207-1 | 513.31    | 523.02    | 527.47    | 521.27     | 1.39    | ppb   |
| Lead       | 208-1 | 523.27    | 531.72    | 539.84    | 531.61     | 1.56    | ppb   |
| Lithium    | 6-1   |           |           |           |            |         | %     |
| Magnesium  | 24-2  | 109062.53 | 111248.90 | 108562.53 | 109624.65  | 1.30    | ppb   |
| Manganese  | 55-2  | 2689.59   | 2746.58   | 2708.00   | 2714.72    | 1.07    | ppb   |

LB Number : LB88853 Operator : Jaswal  
 Lab Sample ID : I4251-08 Instrumnet Name : P7  
 Client Sample ID : WP022MW102-170717M Dilution Factor : 1  
 Date & Time Acquired :: 2017-07-19 19:38:58 DataFile Name : 110SMPL\_P7071917 -M8

| Parameter  | Mass  | ConRep1   | ConRep2   | ConRep3   | Avg. Conc. | ConcRSD | Units |
|------------|-------|-----------|-----------|-----------|------------|---------|-------|
| Molybdenum | 94-1  | 545.44    | 546.32    | 553.41    | 548.39     | 0.80    | ppb   |
| Molybdenum | 95-1  | 507.84    | 510.65    | 512.26    | 510.25     | 0.44    | ppb   |
| Molybdenum | 96-1  | 513.57    | 513.83    | 519.72    | 515.71     | 0.67    | ppb   |
| Molybdenum | 97-1  | 507.58    | 513.75    | 518.31    | 513.21     | 1.05    | ppb   |
| Molybdenum | 98-1  | 515.01    | 516.02    | 520.21    | 517.08     | 0.53    | ppb   |
| Neodymium  | 150-1 |           |           |           |            |         | cps   |
| Neodymium  | 150-2 |           |           |           |            |         | cps   |
| Nickel     | 60-2  | 639.50    | 654.17    | 647.51    | 647.06     | 1.13    | ppb   |
| Phosphorus | 31-2  | 66.75     | 126.28    | 90.78     | 94.60      | 31.65   | ppb   |
| Potassium  | 39-2  | 31457.34  | 32055.19  | 31694.88  | 31735.80   | 0.95    | ppb   |
| Rhodium    | 103-1 |           |           |           |            |         | %     |
| Rhodium    | 103-2 |           |           |           |            |         | %     |
| Scandium   | 45-1  |           |           |           |            |         | %     |
| Scandium   | 45-2  |           |           |           |            |         | %     |
| Selenium   | 77-2  | 528.98    | 528.19    | 486.08    | 514.42     | 4.77    | ppb   |
| Selenium   | 78-2  | 518.36    | 513.83    | 514.21    | 515.47     | 0.49    | ppb   |
| Selenium   | 82-1  | 522.21    | 523.50    | 529.93    | 525.21     | 0.79    | ppb   |
| Silicon    | 28-1  | 12112.70  | 12445.06  | 12785.52  | 12447.76   | 2.70    | ppb   |
| Silver     | 109-1 | 451.32    | 451.48    | 452.23    | 451.68     | 0.11    | ppb   |
| Silver     | 107-1 | 448.88    | 448.55    | 451.17    | 449.54     | 0.32    | ppb   |
| Sodium     | 23-2  | 274182.74 | 278918.59 | 273968.48 | 275689.93  | 1.01    | ppb   |
| Strontium  | 86-1  | 1535.91   | 1554.60   | 1565.24   | 1551.92    | 0.96    | ppb   |
| Strontium  | 88-1  | 1553.31   | 1569.06   | 1598.91   | 1573.76    | 1.47    | ppb   |
| Sulfur     | 34-1  | 319733.87 | 324244.78 | 330763.53 | 324914.06  | 1.71    | ppb   |
| Terbium    | 159-1 |           |           |           |            |         | %     |
| Terbium    | 159-2 |           |           |           |            |         | %     |
| Thallium   | 203-1 | 526.94    | 536.40    | 545.33    | 536.22     | 1.72    | ppb   |
| Thallium   | 205-1 | 544.58    | 555.73    | 565.15    | 555.15     | 1.85    | ppb   |
| Tin        | 118-1 | 462.97    | 464.93    | 470.54    | 466.14     | 0.84    | ppb   |
| Titanium   | 47-1  | 510.38    | 522.31    | 528.19    | 520.29     | 1.74    | ppb   |
| Uranium    | 238-1 | 549.28    | 562.37    | 568.95    | 560.20     | 1.79    | ppb   |
| Vanadium   | 51-2  | 556.67    | 562.66    | 557.01    | 558.78     | 0.60    | ppb   |
| Yttrium    | 89-1  |           |           |           |            |         | %     |
| Yttrium    | 89-2  |           |           |           |            |         | %     |
| Zinc       | 66-2  | 1050.39   | 1066.20   | 1072.19   | 1062.92    | 1.06    | ppb   |
| Zirconium  | 90-1  | 564.02    | 570.66    | 571.52    | 568.73     | 0.72    | ppb   |

|                         |                     |                   |                      |
|-------------------------|---------------------|-------------------|----------------------|
| LB Number :             | LB88853             | Operator :        | Jaswal               |
| Lab Sample ID :         | I4251-08            | Instrumnet Name : | P7                   |
| Client Sample ID :      | WP022MW102-170717M  | Dilution Factor : | 1                    |
| Date & Time Acquired :: | 2017-07-19 19:38:58 | DataFile Name :   | 110SMPL_P7071917 -M9 |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|-----------|------|---------|---------|---------|------------|---------|-------|
| Zirconium | 91-1 | 549.97  | 560.82  | 566.88  | 559.22     | 1.53    | ppb   |

LB Number : LB88853 Operator : Jaswal  
 Lab Sample ID : I4251-09 Instrumnet Name : P7  
 Client Sample ID : WP022MW102-170717M Dilution Factor : 1  
 Date & Time Acquired :: 2017-07-19 19:42:26 DataFile Name : 111SMPL\_P7071917 -M9

| Parameter  | Mass  | ConRep1   | ConRep2   | ConRep3   | Avg. Conc. | ConcRSD | Units |
|------------|-------|-----------|-----------|-----------|------------|---------|-------|
| Aluminium  | 27-2  | 9468.62   | 9408.32   | 9494.24   | 9457.06    | 0.47    | ppb   |
| Antimony   | 121-1 | 490.35    | 483.35    | 485.68    | 486.46     | 0.73    | ppb   |
| Arsenic    | 75-2  | 543.26    | 546.17    | 543.13    | 544.19     | 0.32    | ppb   |
| Barium     | 135-1 | 2465.07   | 2444.52   | 2428.52   | 2446.04    | 0.75    | ppb   |
| Barium     | 137-1 | 2502.75   | 2491.10   | 2487.32   | 2493.72    | 0.32    | ppb   |
| Beryllium  | 9-1   | 408.06    | 402.36    | 401.88    | 404.10     | 0.85    | ppb   |
| Bismuth    | 209-1 |           |           |           |            |         | %     |
| Bismuth    | 209-2 |           |           |           |            |         | %     |
| Boron      | 10-1  | 683.12    | 665.07    | 665.16    | 671.12     | 1.55    | ppb   |
| Boron      | 11-1  | 686.02    | 693.63    | 694.23    | 691.30     | 0.66    | ppb   |
| Cadmium    | 111-1 | 463.03    | 457.30    | 463.30    | 461.21     | 0.74    | ppb   |
| Cadmium    | 106-1 | 458.55    | 450.87    | 462.85    | 457.42     | 1.33    | ppb   |
| Cadmium    | 108-1 | 468.76    | 454.72    | 455.41    | 459.63     | 1.72    | ppb   |
| Calcium    | 43-1  | 484271.10 | 489820.97 | 489776.95 | 487956.34  | 0.65    | ppb   |
| Calcium    | 44-1  | 483369.05 | 487725.24 | 488451.58 | 486515.29  | 0.57    | ppb   |
| Chromium   | 52-2  | 568.01    | 560.17    | 562.07    | 563.41     | 0.73    | ppb   |
| Cobalt     | 59-2  | 585.30    | 579.77    | 580.85    | 581.97     | 0.50    | ppb   |
| Copper     | 63-2  | 1137.33   | 1122.80   | 1124.15   | 1128.09    | 0.71    | ppb   |
| Dysprosium | 156-1 |           |           |           |            |         | cps   |
| Dysprosium | 156-2 |           |           |           |            |         | cps   |
| Erbium     | 164-1 |           |           |           |            |         | cps   |
| Erbium     | 164-2 |           |           |           |            |         | cps   |
| Gadolinium | 160-1 |           |           |           |            |         | cps   |
| Gadolinium | 160-2 |           |           |           |            |         | cps   |
| Holmium    | 165-1 |           |           |           |            |         | %     |
| Holmium    | 165-2 |           |           |           |            |         | %     |
| Indium     | 115-1 |           |           |           |            |         | %     |
| Indium     | 115-2 |           |           |           |            |         | %     |
| Iron       | 56-2  | 55262.11  | 54298.74  | 54238.13  | 54599.66   | 1.05    | ppb   |
| Iron       | 57-2  | 54238.91  | 53328.01  | 53553.64  | 53706.85   | 0.88    | ppb   |
| Lead       | 206-1 | 529.22    | 531.47    | 536.00    | 532.23     | 0.65    | ppb   |
| Lead       | 207-1 | 517.45    | 522.64    | 529.88    | 523.33     | 1.19    | ppb   |
| Lead       | 208-1 | 531.10    | 534.48    | 540.50    | 535.36     | 0.89    | ppb   |
| Lithium    | 6-1   |           |           |           |            |         | %     |
| Magnesium  | 24-2  | 111491.36 | 110505.82 | 109812.42 | 110603.20  | 0.76    | ppb   |
| Manganese  | 55-2  | 2709.19   | 2678.50   | 2684.07   | 2690.59    | 0.61    | ppb   |

|                         |                     |                   |                      |
|-------------------------|---------------------|-------------------|----------------------|
| LB Number :             | LB88853             | Operator :        | Jaswal               |
| Lab Sample ID :         | I4251-09            | Instrumnet Name : | P7                   |
| Client Sample ID :      | WP022MW102-170717M  | Dilution Factor : | 1                    |
| Date & Time Acquired :: | 2017-07-19 19:42:26 | DataFile Name :   | 111SMPL_P7071917 -M9 |

| Parameter  | Mass  | ConRep1   | ConRep2   | ConRep3   | Avg. Conc. | ConcRSD | Units |
|------------|-------|-----------|-----------|-----------|------------|---------|-------|
| Molybdenum | 94-1  | 546.08    | 542.21    | 545.91    | 544.73     | 0.40    | ppb   |
| Molybdenum | 95-1  | 508.50    | 504.83    | 507.47    | 506.93     | 0.37    | ppb   |
| Molybdenum | 96-1  | 517.73    | 512.24    | 516.46    | 515.48     | 0.56    | ppb   |
| Molybdenum | 97-1  | 507.42    | 507.74    | 512.06    | 509.07     | 0.51    | ppb   |
| Molybdenum | 98-1  | 515.00    | 510.79    | 512.54    | 512.78     | 0.41    | ppb   |
| Neodymium  | 150-1 |           |           |           |            |         | cps   |
| Neodymium  | 150-2 |           |           |           |            |         | cps   |
| Nickel     | 60-2  | 643.04    | 643.25    | 646.04    | 644.11     | 0.26    | ppb   |
| Phosphorus | 31-2  | 95.48     | 76.33     | 70.74     | 80.85      | 16.05   | ppb   |
| Potassium  | 39-2  | 31455.18  | 31116.61  | 30967.96  | 31179.92   | 0.80    | ppb   |
| Rhodium    | 103-1 |           |           |           |            |         | %     |
| Rhodium    | 103-2 |           |           |           |            |         | %     |
| Scandium   | 45-1  |           |           |           |            |         | %     |
| Scandium   | 45-2  |           |           |           |            |         | %     |
| Selenium   | 77-2  | 508.82    | 480.50    | 480.66    | 489.99     | 3.33    | ppb   |
| Selenium   | 78-2  | 505.77    | 515.86    | 512.21    | 511.28     | 1.00    | ppb   |
| Selenium   | 82-1  | 518.71    | 523.37    | 520.21    | 520.76     | 0.46    | ppb   |
| Silicon    | 28-1  | 12394.38  | 12628.75  | 12861.60  | 12628.24   | 1.85    | ppb   |
| Silver     | 109-1 | 452.84    | 448.08    | 450.42    | 450.45     | 0.53    | ppb   |
| Silver     | 107-1 | 451.90    | 448.30    | 447.14    | 449.11     | 0.55    | ppb   |
| Sodium     | 23-2  | 277145.22 | 273558.08 | 272627.24 | 274443.52  | 0.87    | ppb   |
| Strontium  | 86-1  | 1575.35   | 1554.85   | 1566.12   | 1565.44    | 0.66    | ppb   |
| Strontium  | 88-1  | 1584.48   | 1585.99   | 1586.98   | 1585.82    | 0.08    | ppb   |
| Sulfur     | 34-1  | 325593.42 | 325218.74 | 323855.66 | 324889.27  | 0.28    | ppb   |
| Terbium    | 159-1 |           |           |           |            |         | %     |
| Terbium    | 159-2 |           |           |           |            |         | %     |
| Thallium   | 203-1 | 535.25    | 541.05    | 543.63    | 539.98     | 0.79    | ppb   |
| Thallium   | 205-1 | 550.37    | 559.18    | 561.07    | 556.87     | 1.03    | ppb   |
| Tin        | 118-1 | 460.47    | 458.12    | 462.78    | 460.45     | 0.51    | ppb   |
| Titanium   | 47-1  | 513.12    | 513.88    | 515.57    | 514.19     | 0.24    | ppb   |
| Uranium    | 238-1 | 561.21    | 572.49    | 570.78    | 568.16     | 1.07    | ppb   |
| Vanadium   | 51-2  | 560.57    | 550.81    | 551.11    | 554.16     | 1.00    | ppb   |
| Yttrium    | 89-1  |           |           |           |            |         | %     |
| Yttrium    | 89-2  |           |           |           |            |         | %     |
| Zinc       | 66-2  | 1054.89   | 1045.19   | 1044.43   | 1048.17    | 0.56    | ppb   |
| Zirconium  | 90-1  | 563.14    | 564.06    | 564.22    | 563.81     | 0.10    | ppb   |

|                         |                     |                   |                      |
|-------------------------|---------------------|-------------------|----------------------|
| LB Number :             | LB88853             | Operator :        | Jaswal               |
| Lab Sample ID :         | I4251-09            | Instrumnet Name : | P7                   |
| Client Sample ID :      | WP022MW102-170717M  | Dilution Factor : | 1                    |
| Date & Time Acquired :: | 2017-07-19 19:42:26 | DataFile Name :   | 111SMPL_P7071917 -M9 |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|-----------|------|---------|---------|---------|------------|---------|-------|
| Zirconium | 91-1 | 559.05  | 554.43  | 558.61  | 557.36     | 0.46    | ppb   |

LB Number : LB88853 Operator : Jaswal  
 Lab Sample ID : I4251-07A Instrumnet Name : P7  
 Client Sample ID : WP022MW102-170717A Dilution Factor : 1  
 Date & Time Acquired :: 2017-07-19 19:45:54 DataFile Name : 112SMPL\_P7071917 -M8

| Parameter  | Mass  | ConRep1   | ConRep2   | ConRep3   | Avg. Conc. | ConcRSD | Units |
|------------|-------|-----------|-----------|-----------|------------|---------|-------|
| Aluminium  | 27-2  | 9436.71   | 9580.05   | 9503.12   | 9506.62    | 0.75    | ppb   |
| Antimony   | 121-1 | 491.55    | 487.31    | 483.84    | 487.57     | 0.79    | ppb   |
| Arsenic    | 75-2  | 543.83    | 546.46    | 550.49    | 546.93     | 0.61    | ppb   |
| Barium     | 135-1 | 2468.50   | 2440.76   | 2421.03   | 2443.43    | 0.98    | ppb   |
| Barium     | 137-1 | 2505.17   | 2501.59   | 2475.19   | 2493.98    | 0.66    | ppb   |
| Beryllium  | 9-1   | 408.98    | 404.65    | 401.16    | 404.93     | 0.97    | ppb   |
| Bismuth    | 209-1 |           |           |           |            |         | %     |
| Bismuth    | 209-2 |           |           |           |            |         | %     |
| Boron      | 10-1  | 667.23    | 688.57    | 680.91    | 678.91     | 1.59    | ppb   |
| Boron      | 11-1  | 687.10    | 703.60    | 710.06    | 700.26     | 1.69    | ppb   |
| Cadmium    | 111-1 | 463.18    | 466.24    | 463.93    | 464.45     | 0.34    | ppb   |
| Cadmium    | 106-1 | 459.00    | 469.07    | 447.96    | 458.67     | 2.30    | ppb   |
| Cadmium    | 108-1 | 459.72    | 449.20    | 457.44    | 455.45     | 1.22    | ppb   |
| Calcium    | 43-1  | 486587.47 | 484051.63 | 483251.67 | 484630.26  | 0.36    | ppb   |
| Calcium    | 44-1  | 483945.07 | 483423.02 | 481150.65 | 482839.58  | 0.31    | ppb   |
| Chromium   | 52-2  | 559.34    | 563.60    | 564.23    | 562.39     | 0.47    | ppb   |
| Cobalt     | 59-2  | 580.63    | 585.69    | 582.66    | 582.99     | 0.44    | ppb   |
| Copper     | 63-2  | 1131.52   | 1143.40   | 1132.81   | 1135.91    | 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  | 54487.62  | 54470.57  | 54845.69  | 54601.29   | 0.39    | ppb   |
| Iron       | 57-2  | 53487.17  | 53445.43  | 53592.61  | 53508.40   | 0.14    | ppb   |
| Lead       | 206-1 | 532.39    | 542.75    | 537.60    | 537.58     | 0.96    | ppb   |
| Lead       | 207-1 | 524.81    | 533.54    | 529.93    | 529.43     | 0.83    | ppb   |
| Lead       | 208-1 | 537.30    | 543.71    | 540.88    | 540.63     | 0.59    | ppb   |
| Lithium    | 6-1   |           |           |           |            |         | %     |
| Magnesium  | 24-2  | 108707.37 | 108846.58 | 108859.59 | 108804.51  | 0.08    | ppb   |
| Manganese  | 55-2  | 2682.32   | 2688.78   | 2694.22   | 2688.44    | 0.22    | ppb   |



|                         |                     |                   |                      |
|-------------------------|---------------------|-------------------|----------------------|
| LB Number :             | LB88853             | Operator :        | Jaswal               |
| Lab Sample ID :         | I4251-07A           | Instrumnet Name : | P7                   |
| Client Sample ID :      | WP022MW102-170717A  | Dilution Factor : | 1                    |
| Date & Time Acquired :: | 2017-07-19 19:45:54 | DataFile Name :   | 112SMPL_P7071917 -M9 |

| Parameter  | Mass  | ConRep1   | ConRep2   | ConRep3   | Avg. Conc. | ConcRSD | Units |
|------------|-------|-----------|-----------|-----------|------------|---------|-------|
| Molybdenum | 94-1  | 552.73    | 551.91    | 547.98    | 550.87     | 0.46    | ppb   |
| Molybdenum | 95-1  | 511.52    | 510.73    | 510.08    | 510.78     | 0.14    | ppb   |
| Molybdenum | 96-1  | 525.50    | 516.24    | 513.94    | 518.56     | 1.18    | ppb   |
| Molybdenum | 97-1  | 518.06    | 512.72    | 513.68    | 514.82     | 0.55    | ppb   |
| Molybdenum | 98-1  | 520.67    | 518.67    | 517.44    | 518.93     | 0.31    | ppb   |
| Neodymium  | 150-1 |           |           |           |            |         | cps   |
| Neodymium  | 150-2 |           |           |           |            |         | cps   |
| Nickel     | 60-2  | 640.24    | 647.71    | 640.18    | 642.71     | 0.67    | ppb   |
| Phosphorus | 31-2  | 67.09     | 76.89     | 99.51     | 81.16      | 20.49   | ppb   |
| Potassium  | 39-2  | 31060.54  | 31156.28  | 31034.90  | 31083.91   | 0.21    | ppb   |
| Rhodium    | 103-1 |           |           |           |            |         | %     |
| Rhodium    | 103-2 |           |           |           |            |         | %     |
| Scandium   | 45-1  |           |           |           |            |         | %     |
| Scandium   | 45-2  |           |           |           |            |         | %     |
| Selenium   | 77-2  | 529.00    | 572.61    | 532.53    | 544.72     | 4.45    | ppb   |
| Selenium   | 78-2  | 513.49    | 523.41    | 509.00    | 515.30     | 1.43    | ppb   |
| Selenium   | 82-1  | 525.93    | 518.78    | 522.76    | 522.49     | 0.69    | ppb   |
| Silicon    | 28-1  | 12399.87  | 12690.83  | 12871.60  | 12654.10   | 1.88    | ppb   |
| Silver     | 109-1 | 450.81    | 452.16    | 448.47    | 450.48     | 0.42    | ppb   |
| Silver     | 107-1 | 450.96    | 448.04    | 443.86    | 447.62     | 0.80    | ppb   |
| Sodium     | 23-2  | 272835.37 | 273197.20 | 271802.30 | 272611.62  | 0.27    | ppb   |
| Strontium  | 86-1  | 1558.25   | 1558.73   | 1553.17   | 1556.71    | 0.20    | ppb   |
| Strontium  | 88-1  | 1599.97   | 1599.79   | 1583.41   | 1594.39    | 0.60    | ppb   |
| Sulfur     | 34-1  | 325531.54 | 322663.70 | 321797.41 | 323330.88  | 0.60    | ppb   |
| Terbium    | 159-1 |           |           |           |            |         | %     |
| Terbium    | 159-2 |           |           |           |            |         | %     |
| Thallium   | 203-1 | 544.05    | 546.98    | 542.96    | 544.66     | 0.38    | ppb   |
| Thallium   | 205-1 | 554.07    | 564.79    | 558.61    | 559.16     | 0.96    | ppb   |
| Tin        | 118-1 | 464.50    | 461.70    | 459.83    | 462.01     | 0.51    | ppb   |
| Titanium   | 47-1  | 517.52    | 514.97    | 516.15    | 516.21     | 0.25    | ppb   |
| Uranium    | 238-1 | 573.69    | 577.20    | 577.42    | 576.10     | 0.36    | ppb   |
| Vanadium   | 51-2  | 550.85    | 553.79    | 556.22    | 553.62     | 0.49    | ppb   |
| Yttrium    | 89-1  |           |           |           |            |         | %     |
| Yttrium    | 89-2  |           |           |           |            |         | %     |
| Zinc       | 66-2  | 1046.65   | 1064.48   | 1063.89   | 1058.34    | 0.96    | ppb   |
| Zirconium  | 90-1  | 571.01    | 566.17    | 564.31    | 567.16     | 0.61    | ppb   |

|                         |                     |                   |                      |
|-------------------------|---------------------|-------------------|----------------------|
| LB Number :             | LB88853             | Operator :        | Jaswal               |
| Lab Sample ID :         | I4251-07A           | Instrumnet Name : | P7                   |
| Client Sample ID :      | WP022MW102-170717A  | Dilution Factor : | 1                    |
| Date & Time Acquired :: | 2017-07-19 19:45:54 | DataFile Name :   | 112SMPL_P7071917 -M9 |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|-----------|------|---------|---------|---------|------------|---------|-------|
| Zirconium | 91-1 | 562.25  | 561.00  | 554.74  | 559.33     | 0.72    | ppb   |

|                         |                     |                   |                      |
|-------------------------|---------------------|-------------------|----------------------|
| LB Number :             | LB88853             | Operator :        | Jaswal               |
| Lab Sample ID :         | I4251-10            | Instrumnet Name : | P7                   |
| Client Sample ID :      | WP022RW359-170717   | Dilution Factor : | 1                    |
| Date & Time Acquired :: | 2017-07-19 19:49:22 | DataFile Name :   | 113SMPL_P7071917 -M8 |

| Parameter  | Mass  | ConRep1   | ConRep2   | ConRep3   | Avg. Conc. | ConcRSD | Units |
|------------|-------|-----------|-----------|-----------|------------|---------|-------|
| Aluminium  | 27-2  | 105.55    | 81.83     | 87.30     | 91.56      | 13.56   | ppb   |
| Antimony   | 121-1 | 1.93      | 2.19      | 2.38      | 2.17       | 10.41   | ppb   |
| Arsenic    | 75-2  | 12.87     | 12.92     | 13.21     | 13.00      | 1.44    | ppb   |
| Barium     | 135-1 | 33.55     | 34.19     | 33.96     | 33.90      | 0.95    | ppb   |
| Barium     | 137-1 | 33.86     | 34.13     | 33.62     | 33.87      | 0.76    | ppb   |
| Beryllium  | 9-1   | 0.75      | 0.62      | 0.48      | 0.62       | 22.50   | ppb   |
| Bismuth    | 209-1 |           |           |           |            |         | %     |
| Bismuth    | 209-2 |           |           |           |            |         | %     |
| Boron      | 10-1  | 361.96    | 384.36    | 371.68    | 372.67     | 3.01    | ppb   |
| Boron      | 11-1  | 383.85    | 387.72    | 382.72    | 384.76     | 0.68    | ppb   |
| Cadmium    | 111-1 | 5.81      | 5.88      | 5.46      | 5.72       | 4.00    | ppb   |
| Cadmium    | 106-1 | 3.20      | 4.28      | 2.94      | 3.47       | 20.55   | ppb   |
| Cadmium    | 108-1 | 6.69      | 7.55      | 7.54      | 7.26       | 6.84    | ppb   |
| Calcium    | 43-1  | 611406.76 | 630620.38 | 611957.73 | 617994.95  | 1.77    | ppb   |
| Calcium    | 44-1  | 609866.00 | 623515.99 | 611868.70 | 615083.57  | 1.20    | ppb   |
| Chromium   | 52-2  | 7.47      | 7.66      | 7.35      | 7.49       | 2.12    | ppb   |
| Cobalt     | 59-2  | 292.14    | 283.19    | 284.66    | 286.66     | 1.67    | ppb   |
| Copper     | 63-2  | 389.17    | 376.55    | 377.62    | 381.11     | 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  | 35321.55  | 34440.36  | 34530.19  | 34764.03   | 1.39    | ppb   |
| Iron       | 57-2  | 34871.78  | 33743.98  | 34049.35  | 34221.70   | 1.70    | ppb   |
| Lead       | 206-1 | 39.91     | 41.90     | 41.20     | 41.00      | 2.46    | ppb   |
| Lead       | 207-1 | 35.72     | 37.05     | 35.97     | 36.25      | 1.94    | ppb   |
| Lead       | 208-1 | 38.06     | 39.26     | 38.55     | 38.62      | 1.57    | ppb   |
| Lithium    | 6-1   |           |           |           |            |         | %     |
| Magnesium  | 24-2  | 143627.62 | 139426.68 | 138641.00 | 140565.10  | 1.91    | ppb   |
| Manganese  | 55-2  | 5168.64   | 5018.91   | 5037.50   | 5075.02    | 1.61    | ppb   |

|                         |                     |                   |                      |
|-------------------------|---------------------|-------------------|----------------------|
| LB Number :             | LB88853             | Operator :        | Jaswal               |
| Lab Sample ID :         | I4251-10            | Instrumnet Name : | P7                   |
| Client Sample ID :      | WP022RW359-170717   | Dilution Factor : | 1                    |
| Date & Time Acquired :: | 2017-07-19 19:49:22 | DataFile Name :   | 113SMPL_P7071917 -M8 |

| Parameter  | Mass  | ConRep1    | ConRep2    | ConRep3    | Avg. Conc. | ConcRSD | Units |
|------------|-------|------------|------------|------------|------------|---------|-------|
| Molybdenum | 94-1  | 7.90       | 8.04       | 7.60       | 7.85       | 2.90    | ppb   |
| Molybdenum | 95-1  | 0.73       | 0.83       | 0.81       | 0.79       | 6.65    | ppb   |
| Molybdenum | 96-1  | 2.85       | 2.68       | 2.41       | 2.65       | 8.27    | ppb   |
| Molybdenum | 97-1  | 0.79       | 0.80       | 0.64       | 0.74       | 11.74   | ppb   |
| Molybdenum | 98-1  | 0.82       | 0.77       | 0.70       | 0.76       | 7.68    | ppb   |
| Neodymium  | 150-1 |            |            |            |            |         | cps   |
| Neodymium  | 150-2 |            |            |            |            |         | cps   |
| Nickel     | 60-2  | 866.06     | 843.03     | 846.48     | 851.85     | 1.46    | ppb   |
| Phosphorus | 31-2  | 58.59      | 134.56     | 90.71      | 94.62      | 40.31   | ppb   |
| Potassium  | 39-2  | 3998.57    | 3859.24    | 3912.13    | 3923.31    | 1.79    | ppb   |
| Rhodium    | 103-1 |            |            |            |            |         | %     |
| Rhodium    | 103-2 |            |            |            |            |         | %     |
| Scandium   | 45-1  |            |            |            |            |         | %     |
| Scandium   | 45-2  |            |            |            |            |         | %     |
| Selenium   | 77-2  | 5.75       | 6.83       | 2.30       | 4.96       | 47.72   | ppb   |
| Selenium   | 78-2  | 0.32       | 2.18       | 1.85       | 1.45       | 68.31   | ppb   |
| Selenium   | 82-1  | 4.24       | 4.68       | 4.33       | 4.42       | 5.33    | ppb   |
| Silicon    | 28-1  | 8211.99    | 8371.42    | 8175.38    | 8252.93    | 1.26    | ppb   |
| Silver     | 109-1 | 0.22       | 0.20       | 0.20       | 0.21       | 4.10    | ppb   |
| Silver     | 107-1 | 0.19       | 0.24       | 0.24       | 0.22       | 12.26   | ppb   |
| Sodium     | 23-2  | 1450356.99 | 1413060.00 | 1407929.49 | 1423782.16 | 1.63    | ppb   |
| Strontium  | 86-1  | 1490.13    | 1517.81    | 1479.14    | 1495.69    | 1.33    | ppb   |
| Strontium  | 88-1  | 1517.45    | 1550.96    | 1526.70    | 1531.70    | 1.13    | ppb   |
| Sulfur     | 34-1  | 1223639.59 | 1259364.48 | 1226994.48 | 1236666.18 | 1.60    | ppb   |
| Terbium    | 159-1 |            |            |            |            |         | %     |
| Terbium    | 159-2 |            |            |            |            |         | %     |
| Thallium   | 203-1 | 0.20       | 0.22       | 0.22       | 0.21       | 6.03    | ppb   |
| Thallium   | 205-1 | 0.21       | 0.23       | 0.22       | 0.22       | 5.89    | ppb   |
| Tin        | 118-1 | 2.87       | 2.94       | 2.63       | 2.81       | 5.74    | ppb   |
| Titanium   | 47-1  | 2.92       | 2.46       | 2.18       | 2.52       | 14.85   | ppb   |
| Uranium    | 238-1 | 10.09      | 10.51      | 10.15      | 10.25      | 2.19    | ppb   |
| Vanadium   | 51-2  | 7.79       | 7.53       | 7.37       | 7.56       | 2.82    | ppb   |
| Yttrium    | 89-1  |            |            |            |            |         | %     |
| Yttrium    | 89-2  |            |            |            |            |         | %     |
| Zinc       | 66-2  | 132.46     | 130.05     | 129.43     | 130.65     | 1.22    | ppb   |
| Zirconium  | 90-1  | 11.21      | 11.34      | 10.79      | 11.11      | 2.55    | ppb   |

|                         |                     |                   |                      |
|-------------------------|---------------------|-------------------|----------------------|
| LB Number :             | LB88853             | Operator :        | Jaswal               |
| Lab Sample ID :         | I4251-10            | Instrumnet Name : | P7                   |
| Client Sample ID :      | WP022RW359-170717   | Dilution Factor : | 1                    |
| Date & Time Acquired :: | 2017-07-19 19:49:22 | DataFile Name :   | 113SMPL_P7071917 -M9 |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|-----------|------|---------|---------|---------|------------|---------|-------|
| Zirconium | 91-1 | 11.39   | 11.47   | 10.60   | 11.16      | 4.34    | ppb   |

|                         |                     |                   |                      |
|-------------------------|---------------------|-------------------|----------------------|
| LB Number :             | LB88853             | Operator :        | Jaswal               |
| Lab Sample ID :         | I4251-11            | Instrumnet Name : | P7                   |
| Client Sample ID :      | WP022RW358-170717   | Dilution Factor : | 1                    |
| Date & Time Acquired :: | 2017-07-19 19:52:52 | DataFile Name :   | 114SMPL_P7071917 -M8 |

| Parameter  | Mass  | ConRep1   | ConRep2   | ConRep3   | Avg. Conc. | ConcRSD | Units |
|------------|-------|-----------|-----------|-----------|------------|---------|-------|
| Aluminium  | 27-2  | 6.62      | 4.59      | 9.20      | 6.80       | 34.02   | ppb   |
| Antimony   | 121-1 | 2.29      | 2.24      | 2.17      | 2.23       | 2.70    | ppb   |
| Arsenic    | 75-2  | 13.67     | 13.24     | 13.57     | 13.49      | 1.69    | ppb   |
| Barium     | 135-1 | 86.73     | 82.65     | 83.86     | 84.41      | 2.48    | ppb   |
| Barium     | 137-1 | 86.76     | 84.15     | 83.09     | 84.67      | 2.23    | ppb   |
| Beryllium  | 9-1   | 0.32      | 0.36      | 0.32      | 0.33       | 6.34    | ppb   |
| Bismuth    | 209-1 |           |           |           |            |         | %     |
| Bismuth    | 209-2 |           |           |           |            |         | %     |
| Boron      | 10-1  | 265.71    | 264.46    | 274.02    | 268.06     | 1.94    | ppb   |
| Boron      | 11-1  | 273.35    | 272.72    | 280.59    | 275.55     | 1.59    | ppb   |
| Cadmium    | 111-1 | 0.97      | -0.23     | -0.38     | 0.12       | 612.25  | ppb   |
| Cadmium    | 106-1 | -3.16     | -4.26     | -5.70     | -4.37      |         | ppb   |
| Cadmium    | 108-1 | -0.02     | 0.02      | 0.02      | 0.01       | 390.51  | ppb   |
| Calcium    | 43-1  | 155256.57 | 153498.12 | 154406.96 | 154387.22  | 0.57    | ppb   |
| Calcium    | 44-1  | 154121.71 | 154828.03 | 155192.67 | 154714.14  | 0.35    | ppb   |
| Chromium   | 52-2  | 0.81      | 0.83      | 0.96      | 0.87       | 9.12    | ppb   |
| Cobalt     | 59-2  | 6.80      | 6.45      | 6.82      | 6.69       | 3.07    | ppb   |
| Copper     | 63-2  | 10.68     | 10.25     | 10.74     | 10.55      | 2.53    | ppb   |
| Dysprosium | 156-1 |           |           |           |            |         | cps   |
| Dysprosium | 156-2 |           |           |           |            |         | cps   |
| Erbium     | 164-1 |           |           |           |            |         | cps   |
| Erbium     | 164-2 |           |           |           |            |         | cps   |
| Gadolinium | 160-1 |           |           |           |            |         | cps   |
| Gadolinium | 160-2 |           |           |           |            |         | cps   |
| Holmium    | 165-1 |           |           |           |            |         | %     |
| Holmium    | 165-2 |           |           |           |            |         | %     |
| Indium     | 115-1 |           |           |           |            |         | %     |
| Indium     | 115-2 |           |           |           |            |         | %     |
| Iron       | 56-2  | 7599.38   | 7430.21   | 7508.81   | 7512.80    | 1.13    | ppb   |
| Iron       | 57-2  | 7419.88   | 7304.55   | 7454.34   | 7392.92    | 1.06    | ppb   |
| Lead       | 206-1 | 0.35      | 0.35      | 0.32      | 0.34       | 4.84    | ppb   |
| Lead       | 207-1 | 0.32      | 0.31      | 0.31      | 0.32       | 1.75    | ppb   |
| Lead       | 208-1 | 0.33      | 0.32      | 0.32      | 0.32       | 1.61    | ppb   |
| Lithium    | 6-1   |           |           |           |            |         | %     |
| Magnesium  | 24-2  | 23749.61  | 23225.58  | 23422.38  | 23465.86   | 1.13    | ppb   |
| Manganese  | 55-2  | 1413.61   | 1382.18   | 1390.33   | 1395.37    | 1.17    | ppb   |

|                         |                     |                   |                      |
|-------------------------|---------------------|-------------------|----------------------|
| LB Number :             | LB88853             | Operator :        | Jaswal               |
| Lab Sample ID :         | I4251-11            | Instrumnet Name : | P7                   |
| Client Sample ID :      | WP022RW358-170717   | Dilution Factor : | 1                    |
| Date & Time Acquired :: | 2017-07-19 19:52:52 | DataFile Name :   | 114SMPL_P7071917 -M8 |

| Parameter  | Mass  | ConRep1  | ConRep2  | ConRep3  | Avg. Conc. | ConcRSD | Units |
|------------|-------|----------|----------|----------|------------|---------|-------|
| Molybdenum | 94-1  | 0.53     | 0.47     | 0.55     | 0.52       | 8.29    | ppb   |
| Molybdenum | 95-1  | 1.07     | 1.08     | 1.09     | 1.08       | 0.66    | ppb   |
| Molybdenum | 96-1  | 0.98     | 1.01     | 1.10     | 1.03       | 5.86    | ppb   |
| Molybdenum | 97-1  | 1.15     | 0.95     | 1.22     | 1.11       | 12.24   | ppb   |
| Molybdenum | 98-1  | 1.06     | 1.12     | 1.14     | 1.11       | 4.07    | ppb   |
| Neodymium  | 150-1 |          |          |          |            |         | cps   |
| Neodymium  | 150-2 |          |          |          |            |         | cps   |
| Nickel     | 60-2  | 25.59    | 24.78    | 24.94    | 25.10      | 1.69    | ppb   |
| Phosphorus | 31-2  | 187.02   | 147.51   | 83.82    | 139.45     | 37.34   | ppb   |
| Potassium  | 39-2  | 3902.03  | 3842.05  | 3855.62  | 3866.57    | 0.81    | ppb   |
| Rhodium    | 103-1 |          |          |          |            |         | %     |
| Rhodium    | 103-2 |          |          |          |            |         | %     |
| Scandium   | 45-1  |          |          |          |            |         | %     |
| Scandium   | 45-2  |          |          |          |            |         | %     |
| Selenium   | 77-2  | 1.22     | 0.00     | 0.00     | 0.41       | 173.21  | ppb   |
| Selenium   | 78-2  | 0.19     | 1.02     | -0.37    | 0.28       | 251.32  | ppb   |
| Selenium   | 82-1  | 1.95     | 1.41     | 1.77     | 1.71       | 16.04   | ppb   |
| Silicon    | 28-1  | 7717.94  | 7648.12  | 7675.50  | 7680.52    | 0.46    | ppb   |
| Silver     | 109-1 | 0.27     | 0.23     | 0.21     | 0.24       | 14.59   | ppb   |
| Silver     | 107-1 | 0.25     | 0.25     | 0.23     | 0.24       | 3.44    | ppb   |
| Sodium     | 23-2  | 81279.47 | 79436.46 | 80593.89 | 80436.61   | 1.16    | ppb   |
| Strontium  | 86-1  | 659.53   | 654.59   | 657.20   | 657.11     | 0.38    | ppb   |
| Strontium  | 88-1  | 671.49   | 673.75   | 673.36   | 672.87     | 0.18    | ppb   |
| Sulfur     | 34-1  | 47729.86 | 47774.67 | 47505.34 | 47669.96   | 0.30    | ppb   |
| Terbium    | 159-1 |          |          |          |            |         | %     |
| Terbium    | 159-2 |          |          |          |            |         | %     |
| Thallium   | 203-1 | 0.03     | 0.06     | 0.06     | 0.05       | 35.38   | ppb   |
| Thallium   | 205-1 | 0.05     | 0.05     | 0.05     | 0.05       | 10.27   | ppb   |
| Tin        | 118-1 | 1.85     | 1.73     | 1.85     | 1.81       | 3.94    | ppb   |
| Titanium   | 47-1  | 1.39     | 0.66     | 0.99     | 1.01       | 36.35   | ppb   |
| Uranium    | 238-1 | 3.17     | 3.19     | 3.21     | 3.19       | 0.53    | ppb   |
| Vanadium   | 51-2  | 0.63     | 0.66     | 0.73     | 0.67       | 7.79    | ppb   |
| Yttrium    | 89-1  |          |          |          |            |         | %     |
| Yttrium    | 89-2  |          |          |          |            |         | %     |
| Zinc       | 66-2  | 31.43    | 31.97    | 30.22    | 31.21      | 2.87    | ppb   |
| Zirconium  | 90-1  | 0.26     | 0.24     | 0.23     | 0.24       | 7.05    | ppb   |

|                         |                     |                   |                      |
|-------------------------|---------------------|-------------------|----------------------|
| LB Number :             | LB88853             | Operator :        | Jaswal               |
| Lab Sample ID :         | I4251-11            | Instrumnet Name : | P7                   |
| Client Sample ID :      | WP022RW358-170717   | Dilution Factor : | 1                    |
| Date & Time Acquired :: | 2017-07-19 19:52:52 | DataFile Name :   | 114SMPL_P7071917 -M8 |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|-----------|------|---------|---------|---------|------------|---------|-------|
| Zirconium | 91-1 | 0.31    | 0.22    | 0.26    | 0.26       | 16.81   | ppb   |



|                         |                     |                   |                      |
|-------------------------|---------------------|-------------------|----------------------|
| LB Number :             | LB88853             | Operator :        | Jaswal               |
| Lab Sample ID :         | I4251-12            | Instrumnet Name : | P7                   |
| Client Sample ID :      | DUP-0426-170717     | Dilution Factor : | 1                    |
| Date & Time Acquired :: | 2017-07-19 19:56:22 | DataFile Name :   | 115SMPL_P7071917 -M8 |

| Parameter  | Mass  | ConRep1   | ConRep2   | ConRep3   | Avg. Conc. | ConcRSD | Units |
|------------|-------|-----------|-----------|-----------|------------|---------|-------|
| Aluminium  | 27-2  | 25.85     | 39.81     | 23.14     | 29.60      | 30.22   | ppb   |
| Antimony   | 121-1 | 1.69      | 1.72      | 1.81      | 1.74       | 3.61    | ppb   |
| Arsenic    | 75-2  | 0.67      | 0.96      | 0.53      | 0.72       | 30.28   | ppb   |
| Barium     | 135-1 | 47.87     | 47.52     | 48.79     | 48.06      | 1.37    | ppb   |
| Barium     | 137-1 | 48.89     | 48.89     | 48.93     | 48.90      | 0.05    | ppb   |
| Beryllium  | 9-1   | 0.15      | 0.32      | 0.13      | 0.20       | 53.47   | ppb   |
| Bismuth    | 209-1 |           |           |           |            |         | %     |
| Bismuth    | 209-2 |           |           |           |            |         | %     |
| Boron      | 10-1  | 330.85    | 331.42    | 338.43    | 333.57     | 1.26    | ppb   |
| Boron      | 11-1  | 330.09    | 339.45    | 344.92    | 338.15     | 2.22    | ppb   |
| Cadmium    | 111-1 | -0.29     | -0.35     | -0.39     | -0.34      |         | ppb   |
| Cadmium    | 106-1 | -4.04     | -4.71     | -5.73     | -4.82      |         | ppb   |
| Cadmium    | 108-1 | -0.07     | -0.02     | -0.07     | -0.05      |         | ppb   |
| Calcium    | 43-1  | 118429.65 | 118061.16 | 117896.56 | 118129.12  | 0.23    | ppb   |
| Calcium    | 44-1  | 118187.57 | 117772.92 | 117675.49 | 117878.66  | 0.23    | ppb   |
| Chromium   | 52-2  | 2.17      | 2.09      | 2.21      | 2.16       | 2.91    | ppb   |
| Cobalt     | 59-2  | 0.11      | 0.12      | 0.15      | 0.13       | 14.91   | ppb   |
| Copper     | 63-2  | 7.56      | 7.77      | 7.83      | 7.72       | 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  | 50.41     | 49.62     | 48.99     | 49.67      | 1.43    | ppb   |
| Iron       | 57-2  | 178.56    | 163.73    | 191.92    | 178.07     | 7.92    | ppb   |
| Lead       | 206-1 | 0.10      | 0.07      | 0.05      | 0.07       | 31.78   | ppb   |
| Lead       | 207-1 | 0.05      | 0.07      | 0.09      | 0.07       | 25.78   | ppb   |
| Lead       | 208-1 | 0.08      | 0.07      | 0.08      | 0.08       | 7.90    | ppb   |
| Lithium    | 6-1   |           |           |           |            |         | %     |
| Magnesium  | 24-2  | 25503.63  | 25371.35  | 25379.02  | 25418.00   | 0.29    | ppb   |
| Manganese  | 55-2  | 2.72      | 2.81      | 2.98      | 2.84       | 4.57    | ppb   |

|                         |                     |                   |                      |
|-------------------------|---------------------|-------------------|----------------------|
| LB Number :             | LB88853             | Operator :        | Jaswal               |
| Lab Sample ID :         | I4251-12            | Instrumnet Name : | P7                   |
| Client Sample ID :      | DUP-0426-170717     | Dilution Factor : | 1                    |
| Date & Time Acquired :: | 2017-07-19 19:56:22 | DataFile Name :   | 115SMPL_P7071917 -M8 |

| Parameter  | Mass  | ConRep1  | ConRep2  | ConRep3  | Avg. Conc. | ConcRSD | Units |
|------------|-------|----------|----------|----------|------------|---------|-------|
| Molybdenum | 94-1  | 0.73     | 0.71     | 0.74     | 0.73       | 1.77    | ppb   |
| Molybdenum | 95-1  | 1.61     | 1.46     | 1.45     | 1.51       | 6.06    | ppb   |
| Molybdenum | 96-1  | 1.41     | 1.24     | 1.37     | 1.34       | 6.53    | ppb   |
| Molybdenum | 97-1  | 1.51     | 1.42     | 1.51     | 1.48       | 3.56    | ppb   |
| Molybdenum | 98-1  | 1.50     | 1.54     | 1.62     | 1.55       | 3.78    | ppb   |
| Neodymium  | 150-1 |          |          |          |            |         | cps   |
| Neodymium  | 150-2 |          |          |          |            |         | cps   |
| Nickel     | 60-2  | 9.02     | 9.07     | 8.63     | 8.91       | 2.69    | ppb   |
| Phosphorus | 31-2  | 6.25     | 1.04     | 39.13    | 15.47      | 133.48  | ppb   |
| Potassium  | 39-2  | 1920.64  | 1899.87  | 1914.87  | 1911.79    | 0.56    | ppb   |
| Rhodium    | 103-1 |          |          |          |            |         | %     |
| Rhodium    | 103-2 |          |          |          |            |         | %     |
| Scandium   | 45-1  |          |          |          |            |         | %     |
| Scandium   | 45-2  |          |          |          |            |         | %     |
| Selenium   | 77-2  | 6.25     | 10.17    | 7.58     | 8.00       | 24.96   | ppb   |
| Selenium   | 78-2  | 1.13     | 3.57     | 1.41     | 2.04       | 65.43   | ppb   |
| Selenium   | 82-1  | 3.29     | 3.98     | 3.70     | 3.66       | 9.41    | ppb   |
| Silicon    | 28-1  | 10150.64 | 10091.58 | 10130.22 | 10124.14   | 0.30    | ppb   |
| Silver     | 109-1 | 0.24     | 0.24     | 0.22     | 0.23       | 4.13    | ppb   |
| Silver     | 107-1 | 0.20     | 0.21     | 0.22     | 0.21       | 5.87    | ppb   |
| Sodium     | 23-2  | 79843.98 | 80339.76 | 80306.67 | 80163.47   | 0.35    | ppb   |
| Strontium  | 86-1  | 807.54   | 799.43   | 801.92   | 802.96     | 0.52    | ppb   |
| Strontium  | 88-1  | 823.69   | 831.97   | 822.15   | 825.94     | 0.64    | ppb   |
| Sulfur     | 34-1  | 26657.30 | 25648.33 | 25718.25 | 26007.96   | 2.17    | ppb   |
| Terbium    | 159-1 |          |          |          |            |         | %     |
| Terbium    | 159-2 |          |          |          |            |         | %     |
| Thallium   | 203-1 | -0.04    | -0.04    | -0.03    | -0.04      |         | ppb   |
| Thallium   | 205-1 | -0.01    | -0.02    | -0.02    | -0.02      |         | ppb   |
| Tin        | 118-1 | 1.51     | 1.56     | 1.55     | 1.54       | 1.57    | ppb   |
| Titanium   | 47-1  | 2.99     | 1.67     | 1.77     | 2.14       | 34.49   | ppb   |
| Uranium    | 238-1 | 3.58     | 3.63     | 3.61     | 3.61       | 0.72    | ppb   |
| Vanadium   | 51-2  | 3.11     | 3.10     | 3.11     | 3.10       | 0.20    | ppb   |
| Yttrium    | 89-1  |          |          |          |            |         | %     |
| Yttrium    | 89-2  |          |          |          |            |         | %     |
| Zinc       | 66-2  | 12.66    | 12.98    | 13.34    | 12.99      | 2.63    | ppb   |
| Zirconium  | 90-1  | 0.29     | 0.32     | 0.27     | 0.29       | 8.85    | ppb   |

|                         |                     |                   |                      |
|-------------------------|---------------------|-------------------|----------------------|
| LB Number :             | LB88853             | Operator :        | Jaswal               |
| Lab Sample ID :         | I4251-12            | Instrumnet Name : | P7                   |
| Client Sample ID :      | DUP-0426-170717     | Dilution Factor : | 1                    |
| Date & Time Acquired :: | 2017-07-19 19:56:22 | DataFile Name :   | 115SMPL_P7071917 -M8 |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|-----------|------|---------|---------|---------|------------|---------|-------|
| Zirconium | 91-1 | 0.29    | 0.18    | 0.18    | 0.22       | 29.81   | ppb   |

LB Number : LB88853 Operator : Jaswal  
 Lab Sample ID : I4251-14 Instrumnet Name : P7  
 Client Sample ID : WP022MW357-170717 Dilution Factor : 1  
 Date & Time Acquired :: 2017-07-19 19:59:52 DataFile Name : 116SMPL\_P7071917 -M8

| Parameter  | Mass  | ConRep1   | ConRep2   | ConRep3   | Avg. Conc. | ConcRSD | Units |
|------------|-------|-----------|-----------|-----------|------------|---------|-------|
| Aluminium  | 27-2  | 615.77    | 619.20    | 613.90    | 616.29     | 0.44    | ppb   |
| Antimony   | 121-1 | 2.25      | 2.36      | 2.38      | 2.33       | 2.98    | ppb   |
| Arsenic    | 75-2  | 2.36      | 2.28      | 2.35      | 2.33       | 1.80    | ppb   |
| Barium     | 135-1 | 44.73     | 46.24     | 45.14     | 45.37      | 1.73    | ppb   |
| Barium     | 137-1 | 45.08     | 44.55     | 47.78     | 45.80      | 3.79    | ppb   |
| Beryllium  | 9-1   | 0.45      | 0.25      | 0.57      | 0.42       | 38.74   | ppb   |
| Bismuth    | 209-1 |           |           |           |            |         | %     |
| Bismuth    | 209-2 |           |           |           |            |         | %     |
| Boron      | 10-1  | 403.93    | 399.75    | 412.20    | 405.30     | 1.56    | ppb   |
| Boron      | 11-1  | 412.50    | 425.87    | 431.34    | 423.24     | 2.29    | ppb   |
| Cadmium    | 111-1 | -0.32     | -0.31     | -0.16     | -0.26      |         | ppb   |
| Cadmium    | 106-1 | -3.75     | -4.07     | -2.13     | -3.31      |         | ppb   |
| Cadmium    | 108-1 | 2.64      | 3.60      | 2.34      | 2.86       | 23.00   | ppb   |
| Calcium    | 43-1  | 553892.14 | 557569.06 | 556657.30 | 556039.50  | 0.34    | ppb   |
| Calcium    | 44-1  | 549864.53 | 555305.92 | 555293.55 | 553488.00  | 0.57    | ppb   |
| Chromium   | 52-2  | 24.96     | 25.63     | 25.23     | 25.27      | 1.33    | ppb   |
| Cobalt     | 59-2  | 2.22      | 2.23      | 2.02      | 2.16       | 5.64    | ppb   |
| Copper     | 63-2  | 17.16     | 17.34     | 16.82     | 17.11      | 1.52    | ppb   |
| Dysprosium | 156-1 |           |           |           |            |         | cps   |
| Dysprosium | 156-2 |           |           |           |            |         | cps   |
| Erbium     | 164-1 |           |           |           |            |         | cps   |
| Erbium     | 164-2 |           |           |           |            |         | cps   |
| Gadolinium | 160-1 |           |           |           |            |         | cps   |
| Gadolinium | 160-2 |           |           |           |            |         | cps   |
| Holmium    | 165-1 |           |           |           |            |         | %     |
| Holmium    | 165-2 |           |           |           |            |         | %     |
| Indium     | 115-1 |           |           |           |            |         | %     |
| Indium     | 115-2 |           |           |           |            |         | %     |
| Iron       | 56-2  | 1229.33   | 1230.68   | 1205.85   | 1221.96    | 1.14    | ppb   |
| Iron       | 57-2  | 1858.29   | 1844.58   | 1845.66   | 1849.51    | 0.41    | ppb   |
| Lead       | 206-1 | 0.93      | 1.06      | 1.11      | 1.03       | 8.98    | ppb   |
| Lead       | 207-1 | 0.90      | 0.93      | 0.82      | 0.88       | 6.57    | ppb   |
| Lead       | 208-1 | 0.91      | 0.98      | 1.11      | 1.00       | 10.05   | ppb   |
| Lithium    | 6-1   |           |           |           |            |         | %     |
| Magnesium  | 24-2  | 180404.75 | 183212.13 | 181539.70 | 181718.86  | 0.78    | ppb   |
| Manganese  | 55-2  | 23.22     | 19.97     | 19.61     | 20.93      | 9.51    | ppb   |

|                         |                     |                   |                      |
|-------------------------|---------------------|-------------------|----------------------|
| LB Number :             | LB88853             | Operator :        | Jaswal               |
| Lab Sample ID :         | I4251-14            | Instrumnet Name : | P7                   |
| Client Sample ID :      | WP022MW357-170717   | Dilution Factor : | 1                    |
| Date & Time Acquired :: | 2017-07-19 19:59:52 | DataFile Name :   | 116SMPL_P7071917 -M8 |

| Parameter  | Mass  | ConRep1    | ConRep2    | ConRep3    | Avg. Conc. | ConcRSD | Units |
|------------|-------|------------|------------|------------|------------|---------|-------|
| Molybdenum | 94-1  | 3.29       | 3.34       | 3.39       | 3.34       | 1.52    | ppb   |
| Molybdenum | 95-1  | 1.37       | 1.60       | 1.20       | 1.39       | 14.66   | ppb   |
| Molybdenum | 96-1  | 2.00       | 1.89       | 1.80       | 1.90       | 5.27    | ppb   |
| Molybdenum | 97-1  | 1.37       | 1.49       | 1.50       | 1.45       | 4.98    | ppb   |
| Molybdenum | 98-1  | 1.31       | 1.45       | 1.48       | 1.41       | 6.27    | ppb   |
| Neodymium  | 150-1 |            |            |            |            |         | cps   |
| Neodymium  | 150-2 |            |            |            |            |         | cps   |
| Nickel     | 60-2  | 37.22      | 37.04      | 35.57      | 36.61      | 2.47    | ppb   |
| Phosphorus | 31-2  | 164.44     | 182.41     | 209.37     | 185.41     | 12.19   | ppb   |
| Potassium  | 39-2  | 7273.48    | 7383.12    | 7233.62    | 7296.74    | 1.06    | ppb   |
| Rhodium    | 103-1 |            |            |            |            |         | %     |
| Rhodium    | 103-2 |            |            |            |            |         | %     |
| Scandium   | 45-1  |            |            |            |            |         | %     |
| Scandium   | 45-2  |            |            |            |            |         | %     |
| Selenium   | 77-2  | 7.48       | 6.33       | 6.27       | 6.69       | 10.17   | ppb   |
| Selenium   | 78-2  | 4.25       | 3.96       | 3.25       | 3.82       | 13.43   | ppb   |
| Selenium   | 82-1  | 8.23       | 8.77       | 10.23      | 9.07       | 11.39   | ppb   |
| Silicon    | 28-1  | 7693.77    | 7753.28    | 7724.21    | 7723.75    | 0.39    | ppb   |
| Silver     | 109-1 | 0.16       | 0.15       | 0.16       | 0.16       | 4.40    | ppb   |
| Silver     | 107-1 | 0.15       | 0.17       | 0.14       | 0.15       | 12.22   | ppb   |
| Sodium     | 23-2  | 3170047.64 | 3237105.99 | 3188273.40 | 3198475.67 | 1.08    | ppb   |
| Strontium  | 86-1  | 2582.17    | 2584.26    | 2586.95    | 2584.46    | 0.09    | ppb   |
| Strontium  | 88-1  | 2625.15    | 2623.19    | 2632.41    | 2626.92    | 0.18    | ppb   |
| Sulfur     | 34-1  | 2434329.17 | 2444637.08 | 2456008.01 | 2444991.42 | 0.44    | ppb   |
| Terbium    | 159-1 |            |            |            |            |         | %     |
| Terbium    | 159-2 |            |            |            |            |         | %     |
| Thallium   | 203-1 | 0.22       | 0.36       | 0.36       | 0.31       | 24.44   | ppb   |
| Thallium   | 205-1 | 0.27       | 0.31       | 0.92       | 0.50       | 72.84   | ppb   |
| Tin        | 118-1 | 1.44       | 1.56       | 1.47       | 1.49       | 3.88    | ppb   |
| Titanium   | 47-1  | 11.93      | 12.12      | 11.12      | 11.72      | 4.55    | ppb   |
| Uranium    | 238-1 | 43.51      | 44.07      | 44.65      | 44.07      | 1.29    | ppb   |
| Vanadium   | 51-2  | 4.33       | 4.55       | 4.42       | 4.43       | 2.40    | ppb   |
| Yttrium    | 89-1  |            |            |            |            |         | %     |
| Yttrium    | 89-2  |            |            |            |            |         | %     |
| Zinc       | 66-2  | 23.22      | 28.53      | 22.97      | 24.91      | 12.60   | ppb   |
| Zirconium  | 90-1  | 4.26       | 4.33       | 4.60       | 4.40       | 4.04    | ppb   |

|                         |                     |                   |                      |
|-------------------------|---------------------|-------------------|----------------------|
| LB Number :             | LB88853             | Operator :        | Jaswal               |
| Lab Sample ID :         | I4251-14            | Instrumnet Name : | P7                   |
| Client Sample ID :      | WP022MW357-170717   | Dilution Factor : | 1                    |
| Date & Time Acquired :: | 2017-07-19 19:59:52 | DataFile Name :   | 116SMPL_P7071917 -M9 |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|-----------|------|---------|---------|---------|------------|---------|-------|
| Zirconium | 91-1 | 4.46    | 4.53    | 4.52    | 4.50       | 0.86    | ppb   |

LB Number : LB88853 Operator : Jaswal  
 Lab Sample ID : I4251-15 Instrumnet Name : P7  
 Client Sample ID : WP022RW359-170717 Dilution Factor : 1  
 Date & Time Acquired :: 2017-07-19 20:03:24 DataFile Name : 117SMPL\_P7071917 -M8

| Parameter  | Mass  | ConRep1   | ConRep2   | ConRep3   | Avg. Conc. | ConcRSD | Units |
|------------|-------|-----------|-----------|-----------|------------|---------|-------|
| Aluminium  | 27-2  | 23.81     | 23.67     | 22.10     | 23.19      | 4.08    | ppb   |
| Antimony   | 121-1 | 2.96      | 3.13      | 3.26      | 3.11       | 4.88    | ppb   |
| Arsenic    | 75-2  | 4.83      | 5.08      | 5.28      | 5.06       | 4.46    | ppb   |
| Barium     | 135-1 | 30.16     | 30.33     | 29.70     | 30.07      | 1.08    | ppb   |
| Barium     | 137-1 | 30.54     | 31.02     | 29.92     | 30.49      | 1.81    | ppb   |
| Beryllium  | 9-1   | 0.19      | 0.23      | 0.20      | 0.21       | 10.97   | ppb   |
| Bismuth    | 209-1 |           |           |           |            |         | %     |
| Bismuth    | 209-2 |           |           |           |            |         | %     |
| Boron      | 10-1  | 351.75    | 363.28    | 360.89    | 358.64     | 1.70    | ppb   |
| Boron      | 11-1  | 372.96    | 375.94    | 375.97    | 374.96     | 0.46    | ppb   |
| Cadmium    | 111-1 | 5.87      | 5.99      | 5.64      | 5.83       | 3.06    | ppb   |
| Cadmium    | 106-1 | 1.81      | 3.36      | 2.44      | 2.53       | 30.74   | ppb   |
| Cadmium    | 108-1 | 5.91      | 6.26      | 8.65      | 6.94       | 21.50   | ppb   |
| Calcium    | 43-1  | 608226.81 | 603958.51 | 600321.75 | 604169.03  | 0.65    | ppb   |
| Calcium    | 44-1  | 602643.51 | 602814.29 | 596639.86 | 600699.22  | 0.59    | ppb   |
| Chromium   | 52-2  | 5.49      | 5.52      | 5.59      | 5.53       | 0.96    | ppb   |
| Cobalt     | 59-2  | 267.56    | 266.46    | 269.15    | 267.72     | 0.51    | ppb   |
| Copper     | 63-2  | 388.70    | 385.24    | 390.89    | 388.28     | 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  | 18705.40  | 18270.27  | 18600.93  | 18525.53   | 1.23    | ppb   |
| Iron       | 57-2  | 18620.87  | 18491.34  | 18680.87  | 18597.69   | 0.52    | ppb   |
| Lead       | 206-1 | 29.66     | 29.36     | 29.13     | 29.39      | 0.90    | ppb   |
| Lead       | 207-1 | 25.98     | 26.07     | 26.06     | 26.03      | 0.18    | ppb   |
| Lead       | 208-1 | 27.84     | 27.69     | 27.60     | 27.71      | 0.44    | ppb   |
| Lithium    | 6-1   |           |           |           |            |         | %     |
| Magnesium  | 24-2  | 145396.19 | 146229.21 | 146847.90 | 146157.76  | 0.50    | ppb   |
| Manganese  | 55-2  | 4610.04   | 4567.95   | 4645.33   | 4607.77    | 0.84    | ppb   |

|                         |                     |                   |                      |
|-------------------------|---------------------|-------------------|----------------------|
| LB Number :             | LB88853             | Operator :        | Jaswal               |
| Lab Sample ID :         | I4251-15            | Instrumnet Name : | P7                   |
| Client Sample ID :      | WP022RW359-170717   | Dilution Factor : | 1                    |
| Date & Time Acquired :: | 2017-07-19 20:03:24 | DataFile Name :   | 117SMPL_P7071917 -M6 |

| Parameter  | Mass  | ConRep1    | ConRep2    | ConRep3    | Avg. Conc. | ConcRSD | Units |
|------------|-------|------------|------------|------------|------------|---------|-------|
| Molybdenum | 94-1  | 7.51       | 7.42       | 7.63       | 7.52       | 1.43    | ppb   |
| Molybdenum | 95-1  | 0.66       | 0.83       | 0.62       | 0.70       | 16.10   | ppb   |
| Molybdenum | 96-1  | 2.29       | 2.35       | 2.46       | 2.37       | 3.65    | ppb   |
| Molybdenum | 97-1  | 0.60       | 0.65       | 0.52       | 0.59       | 11.45   | ppb   |
| Molybdenum | 98-1  | 0.56       | 0.58       | 0.50       | 0.55       | 7.45    | ppb   |
| Neodymium  | 150-1 |            |            |            |            |         | cps   |
| Neodymium  | 150-2 |            |            |            |            |         | cps   |
| Nickel     | 60-2  | 815.63     | 809.65     | 819.82     | 815.03     | 0.63    | ppb   |
| Phosphorus | 31-2  | 50.13      | 67.93      | 64.07      | 60.71      | 15.42   | ppb   |
| Potassium  | 39-2  | 4040.23    | 4066.46    | 4042.65    | 4049.78    | 0.36    | ppb   |
| Rhodium    | 103-1 |            |            |            |            |         | %     |
| Rhodium    | 103-2 |            |            |            |            |         | %     |
| Scandium   | 45-1  |            |            |            |            |         | %     |
| Scandium   | 45-2  |            |            |            |            |         | %     |
| Selenium   | 77-2  | 6.69       | 3.33       | 4.45       | 4.82       | 35.44   | ppb   |
| Selenium   | 78-2  | 0.55       | 2.02       | 0.54       | 1.04       | 81.98   | ppb   |
| Selenium   | 82-1  | 4.79       | 3.96       | 4.10       | 4.28       | 10.44   | ppb   |
| Silicon    | 28-1  | 7894.61    | 7804.74    | 7720.73    | 7806.69    | 1.11    | ppb   |
| Silver     | 109-1 | 0.15       | 0.19       | 0.13       | 0.16       | 19.16   | ppb   |
| Silver     | 107-1 | 0.14       | 0.15       | 0.18       | 0.16       | 13.15   | ppb   |
| Sodium     | 23-2  | 1547199.60 | 1540377.46 | 1558574.96 | 1548717.34 | 0.59    | ppb   |
| Strontium  | 86-1  | 1518.91    | 1510.39    | 1509.04    | 1512.78    | 0.35    | ppb   |
| Strontium  | 88-1  | 1549.69    | 1545.23    | 1543.14    | 1546.02    | 0.22    | ppb   |
| Sulfur     | 34-1  | 1347285.87 | 1344891.88 | 1330809.27 | 1340995.67 | 0.66    | ppb   |
| Terbium    | 159-1 |            |            |            |            |         | %     |
| Terbium    | 159-2 |            |            |            |            |         | %     |
| Thallium   | 203-1 | 0.10       | 0.14       | 0.09       | 0.11       | 26.25   | ppb   |
| Thallium   | 205-1 | 0.12       | 0.14       | 0.11       | 0.12       | 14.96   | ppb   |
| Tin        | 118-1 | 1.18       | 1.10       | 1.13       | 1.14       | 3.55    | ppb   |
| Titanium   | 47-1  | 1.36       | 1.38       | 1.03       | 1.26       | 15.53   | ppb   |
| Uranium    | 238-1 | 11.01      | 10.95      | 10.95      | 10.97      | 0.32    | ppb   |
| Vanadium   | 51-2  | 3.82       | 3.74       | 3.79       | 3.78       | 1.02    | ppb   |
| Yttrium    | 89-1  |            |            |            |            |         | %     |
| Yttrium    | 89-2  |            |            |            |            |         | %     |
| Zinc       | 66-2  | 126.14     | 126.27     | 125.99     | 126.13     | 0.11    | ppb   |
| Zirconium  | 90-1  | 10.73      | 10.78      | 10.61      | 10.71      | 0.81    | ppb   |



|                         |                     |                   |                      |
|-------------------------|---------------------|-------------------|----------------------|
| LB Number :             | LB88853             | Operator :        | Jaswal               |
| Lab Sample ID :         | I4251-15            | Instrumnet Name : | P7                   |
| Client Sample ID :      | WP022RW359-170717   | Dilution Factor : | 1                    |
| Date & Time Acquired :: | 2017-07-19 20:03:24 | DataFile Name :   | 117SMPL_P7071917 -M9 |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|-----------|------|---------|---------|---------|------------|---------|-------|
| Zirconium | 91-1 | 9.95    | 10.30   | 10.34   | 10.20      | 2.08    | ppb   |

LB Number : LB88853 Operator : Jaswal  
 Lab Sample ID : CCV39 Instrumnet Name : P7  
 Client Sample ID : CCV39 Dilution Factor : 1  
 Date & Time Acquired :: 2017-07-19 20:06:55 DataFile Name : 118CCV\_P7071917 -MS.

| Parameter  | Mass  | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|------------|-------|---------|---------|---------|------------|---------|-------|
| Aluminium  | 27-2  | 0.13    | 0.37    | 0.36    | 0.29       | 47.42   | ppb   |
| Antimony   | 121-1 | 0.23    | 0.21    | 0.16    | 0.20       | 19.19   | ppb   |
| Arsenic    | 75-2  | 0.06    | 0.08    | 0.06    | 0.06       | 23.86   | ppb   |
| Barium     | 135-1 | -0.09   | -0.08   | -0.10   | -0.09      |         | ppb   |
| Barium     | 137-1 | -0.05   | -0.06   | -0.05   | -0.05      |         | ppb   |
| Beryllium  | 9-1   | 0.11    | 0.20    | 0.10    | 0.14       | 40.03   | ppb   |
| Bismuth    | 209-1 |         |         |         |            |         | %     |
| Bismuth    | 209-2 |         |         |         |            |         | %     |
| Boron      | 10-1  | 40.73   | 34.20   | 32.63   | 35.85      | 11.99   | ppb   |
| Boron      | 11-1  | 41.38   | 39.61   | 36.70   | 39.23      | 6.03    | ppb   |
| Cadmium    | 111-1 | -0.35   | -0.38   | -0.20   | -0.31      |         | ppb   |
| Cadmium    | 106-1 | -4.40   | -4.71   | -2.28   | -3.80      |         | ppb   |
| Cadmium    | 108-1 | -0.07   | -0.07   | -0.07   | -0.07      |         | ppb   |
| Calcium    | 43-1  | 8.72    | 14.74   | 5.92    | 9.79       | 45.99   | ppb   |
| Calcium    | 44-1  | 7.19    | 8.58    | 5.88    | 7.22       | 18.65   | ppb   |
| Chromium   | 52-2  | 0.06    | 0.01    | 0.11    | 0.06       | 87.67   | ppb   |
| Cobalt     | 59-2  | -0.07   | -0.07   | -0.03   | -0.06      |         | ppb   |
| Copper     | 63-2  | 1.52    | 1.32    | 1.33    | 1.39       | 8.10    | 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  | 2.57    | 4.21    | 6.49    | 4.42       | 44.56   | ppb   |
| Iron       | 57-2  | 3.34    | 3.27    | 8.72    | 5.11       | 61.23   | ppb   |
| Lead       | 206-1 | -0.06   | -0.06   | -0.05   | -0.06      |         | ppb   |
| Lead       | 207-1 | -0.04   | -0.06   | -0.04   | -0.05      |         | ppb   |
| Lead       | 208-1 | -0.05   | -0.05   | -0.05   | -0.05      |         | ppb   |
| Lithium    | 6-1   |         |         |         |            |         | %     |
| Magnesium  | 24-2  | -4.40   | -0.31   | 25.81   | 7.03       | 233.11  | ppb   |
| Manganese  | 55-2  | 0.18    | 0.81    | 2.37    | 1.12       | 100.76  | ppb   |

|                         |                     |                   |                      |
|-------------------------|---------------------|-------------------|----------------------|
| LB Number :             | LB88853             | Operator :        | Jaswal               |
| Lab Sample ID :         | CCV39               | Instrumnet Name : | P7                   |
| Client Sample ID :      | CCV39               | Dilution Factor : | 1                    |
| Date & Time Acquired :: | 2017-07-19 20:06:55 | DataFile Name :   | 118CCV_P7071917 -MS. |

| Parameter  | Mass  | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|------------|-------|---------|---------|---------|------------|---------|-------|
| Molybdenum | 94-1  | -0.01   | -0.01   | -0.01   | -0.01      |         | ppb   |
| Molybdenum | 95-1  | -0.05   | -0.05   | -0.05   | -0.05      |         | ppb   |
| Molybdenum | 96-1  | -0.02   | -0.02   | -0.01   | -0.02      |         | ppb   |
| Molybdenum | 97-1  | -0.02   | 0.01    | -0.03   | -0.01      |         | ppb   |
| Molybdenum | 98-1  | -0.02   | -0.04   | -0.02   | -0.03      |         | ppb   |
| Neodymium  | 150-1 |         |         |         |            |         | cps   |
| Neodymium  | 150-2 |         |         |         |            |         | cps   |
| Nickel     | 60-2  | -0.47   | -0.37   | -0.38   | -0.41      |         | ppb   |
| Phosphorus | 31-2  | 23.62   | 9.08    | -0.84   | 10.62      | 115.82  | ppb   |
| Potassium  | 39-2  | 70.97   | 65.43   | 67.64   | 68.01      | 4.10    | ppb   |
| Rhodium    | 103-1 |         |         |         |            |         | %     |
| Rhodium    | 103-2 |         |         |         |            |         | %     |
| Scandium   | 45-1  |         |         |         |            |         | %     |
| Scandium   | 45-2  |         |         |         |            |         | %     |
| Selenium   | 77-2  | 0.00    | 0.00    | 0.00    | 0.00       | N/A     | ppb   |
| Selenium   | 78-2  | 0.87    | 1.06    | 0.09    | 0.67       | 76.89   | ppb   |
| Selenium   | 82-1  | -0.03   | 0.55    | 0.11    | 0.21       | 143.94  | ppb   |
| Silicon    | 28-1  | 53.12   | 48.08   | 47.59   | 49.60      | 6.17    | ppb   |
| Silver     | 109-1 | 0.10    | 0.10    | 0.08    | 0.09       | 12.38   | ppb   |
| Silver     | 107-1 | 0.11    | 0.09    | 0.09    | 0.10       | 15.34   | ppb   |
| Sodium     | 23-2  | 291.22  | 296.23  | 463.48  | 350.31     | 27.99   | ppb   |
| Strontium  | 86-1  | 0.17    | 0.17    | 0.16    | 0.17       | 1.17    | ppb   |
| Strontium  | 88-1  | 0.02    | 0.01    | 0.01    | 0.01       | 32.23   | ppb   |
| Sulfur     | 34-1  | 2716.96 | 2717.32 | 2799.26 | 2744.52    | 1.73    | ppb   |
| Terbium    | 159-1 |         |         |         |            |         | %     |
| Terbium    | 159-2 |         |         |         |            |         | %     |
| Thallium   | 203-1 | -0.04   | -0.05   | -0.05   | -0.05      |         | ppb   |
| Thallium   | 205-1 | -0.04   | -0.04   | -0.04   | -0.04      |         | ppb   |
| Tin        | 118-1 | 0.05    | 0.00    | 0.04    | 0.03       | 97.45   | ppb   |
| Titanium   | 47-1  | 0.07    | -0.01   | -0.07   | 0.00       |         | ppb   |
| Uranium    | 238-1 | -0.06   | -0.07   | -0.07   | -0.07      |         | ppb   |
| Vanadium   | 51-2  | 0.03    | 0.04    | 0.06    | 0.04       | 41.66   | ppb   |
| Yttrium    | 89-1  |         |         |         |            |         | %     |
| Yttrium    | 89-2  |         |         |         |            |         | %     |
| Zinc       | 66-2  | 1.22    | 2.23    | 2.30    | 1.91       | 31.65   | ppb   |
| Zirconium  | 90-1  | -0.01   | 0.00    | 0.00    | 0.00       |         | ppb   |

|                         |                     |                   |                      |
|-------------------------|---------------------|-------------------|----------------------|
| LB Number :             | LB88853             | Operator :        | Jaswal               |
| Lab Sample ID :         | CCV39               | Instrumnet Name : | P7                   |
| Client Sample ID :      | CCV39               | Dilution Factor : | 1                    |
| Date & Time Acquired :: | 2017-07-19 20:06:55 | DataFile Name :   | 118CCV_P7071917 -MS. |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|-----------|------|---------|---------|---------|------------|---------|-------|
| Zirconium | 91-1 | 0.00    | 0.01    | 0.01    | 0.01       | 93.70   | ppb   |

LB Number : LB88853 Operator : Jaswal  
 Lab Sample ID : CCB39 Instrumnet Name : P7  
 Client Sample ID : CCB39 Dilution Factor : 1  
 Date & Time Acquired :: 2017-07-19 20:10:26 DataFile Name : 119CCBE\_P7071917 -M8

| Parameter  | Mass  | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|------------|-------|---------|---------|---------|------------|---------|-------|
| Aluminium  | 27-2  | 0.65    | 0.65    | 0.27    | 0.52       | 41.85   | ppb   |
| Antimony   | 121-1 | 0.13    | 0.11    | 0.09    | 0.11       | 15.49   | ppb   |
| Arsenic    | 75-2  | 0.00    | -0.02   | 0.03    | 0.00       | 607.87  | ppb   |
| Barium     | 135-1 | -0.05   | 0.07    | -0.10   | -0.03      |         | ppb   |
| Barium     | 137-1 | 0.01    | 0.04    | -0.02   | 0.01       | 223.45  | ppb   |
| Beryllium  | 9-1   | 0.18    | 0.15    | 0.11    | 0.15       | 23.86   | ppb   |
| Bismuth    | 209-1 |         |         |         |            |         | %     |
| Bismuth    | 209-2 |         |         |         |            |         | %     |
| Boron      | 10-1  | 25.10   | 29.07   | 28.97   | 27.72      | 8.17    | ppb   |
| Boron      | 11-1  | 28.73   | 27.29   | 27.16   | 27.73      | 3.14    | ppb   |
| Cadmium    | 111-1 | -0.37   | -0.40   | -0.39   | -0.39      |         | ppb   |
| Cadmium    | 106-1 | -4.91   | -5.83   | -5.15   | -5.30      |         | ppb   |
| Cadmium    | 108-1 | -0.06   | -0.07   | -0.02   | -0.05      |         | ppb   |
| Calcium    | 43-1  | 101.65  | 120.88  | 78.68   | 100.41     | 21.04   | ppb   |
| Calcium    | 44-1  | 97.74   | 111.91  | 72.87   | 94.18      | 20.98   | ppb   |
| Chromium   | 52-2  | 0.04    | 0.06    | 0.05    | 0.05       | 18.77   | ppb   |
| Cobalt     | 59-2  | -0.09   | -0.07   | -0.07   | -0.08      |         | ppb   |
| Copper     | 63-2  | 1.06    | 1.01    | 0.87    | 0.98       | 9.99    | ppb   |
| Dysprosium | 156-1 |         |         |         |            |         | cps   |
| Dysprosium | 156-2 |         |         |         |            |         | cps   |
| Erbium     | 164-1 |         |         |         |            |         | cps   |
| Erbium     | 164-2 |         |         |         |            |         | cps   |
| Gadolinium | 160-1 |         |         |         |            |         | cps   |
| Gadolinium | 160-2 |         |         |         |            |         | cps   |
| Holmium    | 165-1 |         |         |         |            |         | %     |
| Holmium    | 165-2 |         |         |         |            |         | %     |
| Indium     | 115-1 |         |         |         |            |         | %     |
| Indium     | 115-2 |         |         |         |            |         | %     |
| Iron       | 56-2  | 2.17    | 1.85    | 2.04    | 2.02       | 7.86    | ppb   |
| Iron       | 57-2  | 1.33    | 3.76    | 3.76    | 2.95       | 47.50   | ppb   |
| Lead       | 206-1 | -0.03   | -0.02   | -0.04   | -0.03      |         | ppb   |
| Lead       | 207-1 | -0.02   | 0.02    | -0.01   | 0.00       |         | ppb   |
| Lead       | 208-1 | -0.02   | -0.01   | -0.02   | -0.01      |         | ppb   |
| Lithium    | 6-1   |         |         |         |            |         | %     |
| Magnesium  | 24-2  | -0.43   | -3.26   | -4.72   | -2.81      |         | ppb   |
| Manganese  | 55-2  | 0.35    | 0.31    | 0.13    | 0.26       | 44.93   | ppb   |

|                         |                     |                   |                     |
|-------------------------|---------------------|-------------------|---------------------|
| LB Number :             | LB88853             | Operator :        | Jaswal              |
| Lab Sample ID :         | CCB39               | Instrumnet Name : | P7                  |
| Client Sample ID :      | CCB39               | Dilution Factor : | 1                   |
| Date & Time Acquired :: | 2017-07-19 20:10:26 | DataFile Name :   | 119CCBE_P7071917 -M |

| Parameter  | Mass  | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|------------|-------|---------|---------|---------|------------|---------|-------|
| Molybdenum | 94-1  | 0.03    | 0.06    | 0.05    | 0.05       | 27.32   | ppb   |
| Molybdenum | 95-1  | -0.03   | -0.03   | -0.01   | -0.02      |         | ppb   |
| Molybdenum | 96-1  | 0.02    | 0.01    | -0.01   | 0.01       | 369.42  | ppb   |
| Molybdenum | 97-1  | 0.02    | 0.06    | 0.03    | 0.03       | 59.55   | ppb   |
| Molybdenum | 98-1  | -0.01   | 0.02    | -0.01   | 0.00       | 3171.20 | ppb   |
| Neodymium  | 150-1 |         |         |         |            |         | cps   |
| Neodymium  | 150-2 |         |         |         |            |         | cps   |
| Nickel     | 60-2  | -0.50   | -0.44   | -0.42   | -0.45      |         | ppb   |
| Phosphorus | 31-2  | 19.54   | 0.88    | -12.88  | 2.51       | 647.95  | ppb   |
| Potassium  | 39-2  | 54.52   | 53.20   | 32.24   | 46.65      | 26.80   | ppb   |
| Rhodium    | 103-1 |         |         |         |            |         | %     |
| Rhodium    | 103-2 |         |         |         |            |         | %     |
| Scandium   | 45-1  |         |         |         |            |         | %     |
| Scandium   | 45-2  |         |         |         |            |         | %     |
| Selenium   | 77-2  | 0.00    | 0.00    | 0.00    | 0.00       | N/A     | ppb   |
| Selenium   | 78-2  | 0.15    | 0.18    | -0.32   | 0.00       |         | ppb   |
| Selenium   | 82-1  | -0.19   | 0.12    | 1.25    | 0.39       | 194.20  | ppb   |
| Silicon    | 28-1  | 45.23   | 41.82   | 43.21   | 43.42      | 3.95    | ppb   |
| Silver     | 109-1 | 0.09    | 0.08    | 0.08    | 0.08       | 11.29   | ppb   |
| Silver     | 107-1 | 0.11    | 0.09    | 0.10    | 0.10       | 9.66    | ppb   |
| Sodium     | 23-2  | 223.87  | 233.49  | 203.26  | 220.21     | 7.01    | ppb   |
| Strontium  | 86-1  | 0.71    | 0.51    | 0.49    | 0.57       | 21.32   | ppb   |
| Strontium  | 88-1  | 0.39    | 0.47    | 0.27    | 0.38       | 26.61   | ppb   |
| Sulfur     | 34-1  | 3505.89 | 2853.91 | 3253.80 | 3204.53    | 10.26   | ppb   |
| Terbium    | 159-1 |         |         |         |            |         | %     |
| Terbium    | 159-2 |         |         |         |            |         | %     |
| Thallium   | 203-1 | -0.02   | 0.00    | -0.04   | -0.02      |         | ppb   |
| Thallium   | 205-1 | -0.01   | -0.01   | -0.01   | -0.01      |         | ppb   |
| Tin        | 118-1 | 0.07    | 0.04    | 0.03    | 0.05       | 46.01   | ppb   |
| Titanium   | 47-1  | 0.07    | 0.05    | -0.02   | 0.03       | 129.44  | ppb   |
| Uranium    | 238-1 | -0.04   | -0.03   | -0.05   | -0.04      |         | ppb   |
| Vanadium   | 51-2  | 0.01    | 0.01    | 0.01    | 0.01       | 32.05   | ppb   |
| Yttrium    | 89-1  |         |         |         |            |         | %     |
| Yttrium    | 89-2  |         |         |         |            |         | %     |
| Zinc       | 66-2  | 1.08    | 1.25    | 0.78    | 1.04       | 22.70   | ppb   |
| Zirconium  | 90-1  | 0.03    | 0.07    | 0.05    | 0.05       | 37.27   | ppb   |

|                         |                     |                   |                     |
|-------------------------|---------------------|-------------------|---------------------|
| LB Number :             | LB88853             | Operator :        | Jaswal              |
| Lab Sample ID :         | CCB39               | Instrumnet Name : | P7                  |
| Client Sample ID :      | CCB39               | Dilution Factor : | 1                   |
| Date & Time Acquired :: | 2017-07-19 20:10:26 | DataFile Name :   | 119CCBE_P7071917 -M |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|-----------|------|---------|---------|---------|------------|---------|-------|
| Zirconium | 91-1 | 0.07    | 0.07    | 0.04    | 0.06       | 26.01   | ppb   |

LB Number : LB88853 Operator : Jaswal  
 Lab Sample ID : PB100780BL Instrumnet Name : P7  
 Client Sample ID : PB100780BL Dilution Factor : 1  
 Date & Time Acquired :: 2017-07-19 20:13:58 DataFile Name : 120SMPL\_P7071917 -M8

| Parameter  | Mass  | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|------------|-------|---------|---------|---------|------------|---------|-------|
| Aluminium  | 27-2  | 0.06    | 0.56    | -0.39   | 0.08       | 628.87  | ppb   |
| Antimony   | 121-1 | 0.04    | 0.02    | 0.05    | 0.04       | 42.65   | ppb   |
| Arsenic    | 75-2  | -0.05   | 0.05    | 0.00    | 0.00       |         | ppb   |
| Barium     | 135-1 | -0.10   | -0.05   | -0.09   | -0.08      |         | ppb   |
| Barium     | 137-1 | -0.05   | -0.03   | -0.06   | -0.05      |         | ppb   |
| Beryllium  | 9-1   | 0.15    | 0.08    | 0.05    | 0.09       | 54.48   | ppb   |
| Bismuth    | 209-1 |         |         |         |            |         | %     |
| Bismuth    | 209-2 |         |         |         |            |         | %     |
| Boron      | 10-1  | 17.89   | 19.75   | 17.64   | 18.43      | 6.25    | ppb   |
| Boron      | 11-1  | 19.06   | 18.76   | 19.38   | 19.06      | 1.63    | ppb   |
| Cadmium    | 111-1 | -0.39   | -0.34   | -0.30   | -0.34      |         | ppb   |
| Cadmium    | 106-1 | -4.78   | -4.21   | -3.69   | -4.23      |         | ppb   |
| Cadmium    | 108-1 | -0.11   | -0.07   | -0.03   | -0.07      |         | ppb   |
| Calcium    | 43-1  | 12.67   | 8.15    | 9.18    | 10.00      | 23.67   | ppb   |
| Calcium    | 44-1  | 4.72    | 4.87    | 3.10    | 4.23       | 23.14   | ppb   |
| Chromium   | 52-2  | 0.06    | 0.02    | 0.07    | 0.05       | 50.79   | ppb   |
| Cobalt     | 59-2  | -0.07   | -0.07   | -0.07   | -0.07      |         | ppb   |
| Copper     | 63-2  | 0.80    | 0.95    | 0.84    | 0.86       | 9.26    | 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  | 2.38    | 2.00    | 2.38    | 2.25       | 9.71    | ppb   |
| Iron       | 57-2  | 2.55    | 4.78    | 5.68    | 4.34       | 37.10   | ppb   |
| Lead       | 206-1 | -0.08   | -0.06   | -0.07   | -0.07      |         | ppb   |
| Lead       | 207-1 | -0.07   | -0.03   | -0.04   | -0.05      |         | ppb   |
| Lead       | 208-1 | -0.06   | -0.05   | -0.06   | -0.06      |         | ppb   |
| Lithium    | 6-1   |         |         |         |            |         | %     |
| Magnesium  | 24-2  | -3.66   | -3.07   | -0.79   | -2.51      |         | ppb   |
| Manganese  | 55-2  | 0.28    | 0.43    | 0.31    | 0.34       | 24.02   | ppb   |



|                         |                     |                   |                     |
|-------------------------|---------------------|-------------------|---------------------|
| LB Number :             | LB88853             | Operator :        | Jaswal              |
| Lab Sample ID :         | PB100780BL          | Instrumnet Name : | P7                  |
| Client Sample ID :      | PB100780BL          | Dilution Factor : | 1                   |
| Date & Time Acquired :: | 2017-07-19 20:13:58 | DataFile Name :   | 120SMPL_P7071917 -M |

| Parameter  | Mass  | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|------------|-------|---------|---------|---------|------------|---------|-------|
| Molybdenum | 94-1  | 0.00    | 0.01    | 0.00    | 0.00       | 129.15  | ppb   |
| Molybdenum | 95-1  | -0.05   | -0.04   | -0.04   | -0.05      |         | ppb   |
| Molybdenum | 96-1  | -0.01   | -0.03   | -0.02   | -0.02      |         | ppb   |
| Molybdenum | 97-1  | -0.03   | -0.02   | -0.02   | -0.02      |         | ppb   |
| Molybdenum | 98-1  | -0.04   | -0.02   | -0.03   | -0.03      |         | ppb   |
| Neodymium  | 150-1 |         |         |         |            |         | cps   |
| Neodymium  | 150-2 |         |         |         |            |         | cps   |
| Nickel     | 60-2  | -0.58   | -0.51   | -0.47   | -0.52      |         | ppb   |
| Phosphorus | 31-2  | 4.91    | 2.06    | -12.06  | -1.70      |         | ppb   |
| Potassium  | 39-2  | 34.45   | 50.08   | 46.34   | 43.62      | 18.71   | ppb   |
| Rhodium    | 103-1 |         |         |         |            |         | %     |
| Rhodium    | 103-2 |         |         |         |            |         | %     |
| Scandium   | 45-1  |         |         |         |            |         | %     |
| Scandium   | 45-2  |         |         |         |            |         | %     |
| Selenium   | 77-2  | 0.00    | 0.00    | 0.00    | 0.00       | N/A     | ppb   |
| Selenium   | 78-2  | 0.60    | 1.22    | -2.15   | -0.11      |         | ppb   |
| Selenium   | 82-1  | 0.62    | -0.99   | 0.08    | -0.10      |         | ppb   |
| Silicon    | 28-1  | 26.08   | 26.01   | 24.18   | 25.43      | 4.24    | ppb   |
| Silver     | 109-1 | 0.07    | 0.08    | 0.07    | 0.07       | 11.07   | ppb   |
| Silver     | 107-1 | 0.08    | 0.09    | 0.08    | 0.08       | 8.32    | ppb   |
| Sodium     | 23-2  | 187.20  | 193.88  | 182.93  | 188.00     | 2.94    | ppb   |
| Strontium  | 86-1  | 0.15    | 0.14    | 0.13    | 0.14       | 9.68    | ppb   |
| Strontium  | 88-1  | 0.01    | 0.01    | 0.01    | 0.01       | 20.27   | ppb   |
| Sulfur     | 34-1  | 2074.64 | 2192.68 | 2067.48 | 2111.60    | 3.33    | ppb   |
| Terbium    | 159-1 |         |         |         |            |         | %     |
| Terbium    | 159-2 |         |         |         |            |         | %     |
| Thallium   | 203-1 | -0.04   | -0.04   | -0.04   | -0.04      |         | ppb   |
| Thallium   | 205-1 | -0.03   | -0.04   | -0.04   | -0.04      |         | ppb   |
| Tin        | 118-1 | 0.02    | 0.02    | -0.01   | 0.01       | 131.94  | ppb   |
| Titanium   | 47-1  | -0.05   | 0.02    | 0.05    | 0.00       | 1165.43 | ppb   |
| Uranium    | 238-1 | -0.06   | -0.06   | -0.06   | -0.06      |         | ppb   |
| Vanadium   | 51-2  | 0.02    | 0.00    | 0.00    | 0.01       | 158.56  | ppb   |
| Yttrium    | 89-1  |         |         |         |            |         | %     |
| Yttrium    | 89-2  |         |         |         |            |         | %     |
| Zinc       | 66-2  | 1.01    | 0.99    | 1.02    | 1.00       | 1.55    | ppb   |
| Zirconium  | 90-1  | -0.01   | 0.00    | 0.01    | 0.00       | 410.23  | ppb   |

|                         |                     |                   |                     |
|-------------------------|---------------------|-------------------|---------------------|
| LB Number :             | LB88853             | Operator :        | Jaswal              |
| Lab Sample ID :         | PB100780BL          | Instrumnet Name : | P7                  |
| Client Sample ID :      | PB100780BL          | Dilution Factor : | 1                   |
| Date & Time Acquired :: | 2017-07-19 20:13:58 | DataFile Name :   | 120SMPL_P7071917 -M |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|-----------|------|---------|---------|---------|------------|---------|-------|
| Zirconium | 91-1 | -0.01   | 0.00    | 0.01    | 0.00       | 530.59  | ppb   |

|                         |                     |                   |                     |
|-------------------------|---------------------|-------------------|---------------------|
| LB Number :             | LB88853             | Operator :        | Jaswal              |
| Lab Sample ID :         | PB100780BS          | Instrumnet Name : | P7                  |
| Client Sample ID :      | PB100780BS          | Dilution Factor : | 1                   |
| Date & Time Acquired :: | 2017-07-19 20:17:29 | DataFile Name :   | 121SMPL_P7071917 -M |

| Parameter  | Mass  | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|------------|-------|---------|---------|---------|------------|---------|-------|
| Aluminium  | 27-2  | -0.14   | 0.09    | 0.80    | 0.25       | 195.10  | ppb   |
| Antimony   | 121-1 | 0.02    | 0.03    | 0.03    | 0.03       | 18.95   | ppb   |
| Arsenic    | 75-2  | 0.00    | 0.04    | 0.01    | 0.02       | 109.61  | ppb   |
| Barium     | 135-1 | -0.08   | -0.10   | -0.08   | -0.08      |         | ppb   |
| Barium     | 137-1 | -0.06   | -0.05   | -0.06   | -0.06      |         | ppb   |
| Beryllium  | 9-1   | 0.11    | 0.11    | 0.14    | 0.12       | 13.32   | ppb   |
| Bismuth    | 209-1 |         |         |         |            |         | %     |
| Bismuth    | 209-2 |         |         |         |            |         | %     |
| Boron      | 10-1  | 16.15   | 18.01   | 14.19   | 16.12      | 11.86   | ppb   |
| Boron      | 11-1  | 15.72   | 17.05   | 15.67   | 16.15      | 4.86    | ppb   |
| Cadmium    | 111-1 | -0.28   | -0.32   | -0.32   | -0.31      |         | ppb   |
| Cadmium    | 106-1 | -3.40   | -3.87   | -3.99   | -3.75      |         | ppb   |
| Cadmium    | 108-1 | -0.07   | 0.05    | 0.01    | 0.00       |         | ppb   |
| Calcium    | 43-1  | 6.18    | 9.47    | 13.40   | 9.68       | 37.30   | ppb   |
| Calcium    | 44-1  | 5.87    | 3.58    | 6.39    | 5.28       | 28.34   | ppb   |
| Chromium   | 52-2  | 0.02    | 0.00    | -0.03   | 0.00       |         | ppb   |
| Cobalt     | 59-2  | -0.07   | -0.07   | -0.07   | -0.07      |         | ppb   |
| Copper     | 63-2  | 0.92    | 0.88    | 0.81    | 0.87       | 6.50    | ppb   |
| Dysprosium | 156-1 |         |         |         |            |         | cps   |
| Dysprosium | 156-2 |         |         |         |            |         | cps   |
| Erbium     | 164-1 |         |         |         |            |         | cps   |
| Erbium     | 164-2 |         |         |         |            |         | cps   |
| Gadolinium | 160-1 |         |         |         |            |         | cps   |
| Gadolinium | 160-2 |         |         |         |            |         | cps   |
| Holmium    | 165-1 |         |         |         |            |         | %     |
| Holmium    | 165-2 |         |         |         |            |         | %     |
| Indium     | 115-1 |         |         |         |            |         | %     |
| Indium     | 115-2 |         |         |         |            |         | %     |
| Iron       | 56-2  | 1.81    | 1.56    | 1.91    | 1.76       | 10.39   | ppb   |
| Iron       | 57-2  | 4.54    | 0.91    | 2.85    | 2.77       | 65.59   | ppb   |
| Lead       | 206-1 | 499.18  | 504.16  | 502.17  | 501.84     | 0.50    | ppb   |
| Lead       | 207-1 | 489.86  | 493.71  | 495.16  | 492.91     | 0.56    | ppb   |
| Lead       | 208-1 | 501.25  | 505.80  | 505.57  | 504.21     | 0.51    | ppb   |
| Lithium    | 6-1   |         |         |         |            |         | %     |
| Magnesium  | 24-2  | -2.63   | -2.91   | -2.63   | -2.72      |         | ppb   |
| Manganese  | 55-2  | 0.21    | 0.23    | 0.22    | 0.22       | 5.06    | ppb   |

|                         |                     |                   |                     |
|-------------------------|---------------------|-------------------|---------------------|
| LB Number :             | LB88853             | Operator :        | Jaswal              |
| Lab Sample ID :         | PB100780BS          | Instrumnet Name : | P7                  |
| Client Sample ID :      | PB100780BS          | Dilution Factor : | 1                   |
| Date & Time Acquired :: | 2017-07-19 20:17:29 | DataFile Name :   | 121SMPL_P7071917 -M |

| Parameter  | Mass  | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|------------|-------|---------|---------|---------|------------|---------|-------|
| Molybdenum | 94-1  | -0.01   | 0.00    | 0.00    | 0.00       |         | ppb   |
| Molybdenum | 95-1  | -0.05   | -0.03   | -0.06   | -0.05      |         | ppb   |
| Molybdenum | 96-1  | -0.03   | -0.02   | -0.02   | -0.02      |         | ppb   |
| Molybdenum | 97-1  | 0.00    | -0.01   | 0.00    | -0.01      |         | ppb   |
| Molybdenum | 98-1  | -0.04   | -0.03   | -0.03   | -0.03      |         | ppb   |
| Neodymium  | 150-1 |         |         |         |            |         | cps   |
| Neodymium  | 150-2 |         |         |         |            |         | cps   |
| Nickel     | 60-2  | -0.44   | -0.52   | -0.49   | -0.48      |         | ppb   |
| Phosphorus | 31-2  | 3.21    | -6.53   | -11.09  | -4.80      |         | ppb   |
| Potassium  | 39-2  | 58.59   | 59.05   | 51.93   | 56.52      | 7.04    | ppb   |
| Rhodium    | 103-1 |         |         |         |            |         | %     |
| Rhodium    | 103-2 |         |         |         |            |         | %     |
| Scandium   | 45-1  |         |         |         |            |         | %     |
| Scandium   | 45-2  |         |         |         |            |         | %     |
| Selenium   | 77-2  | 0.00    | 0.00    | 1.10    | 0.37       | 173.21  | ppb   |
| Selenium   | 78-2  | -1.16   | -0.80   | 0.49    | -0.49      |         | ppb   |
| Selenium   | 82-1  | 0.53    | 0.17    | 0.61    | 0.44       | 53.04   | ppb   |
| Silicon    | 28-1  | 19.64   | 20.21   | 19.81   | 19.89      | 1.47    | ppb   |
| Silver     | 109-1 | 0.06    | 0.08    | 0.07    | 0.07       | 11.44   | ppb   |
| Silver     | 107-1 | 0.06    | 0.07    | 0.06    | 0.06       | 10.13   | ppb   |
| Sodium     | 23-2  | 183.43  | 174.28  | 176.23  | 177.98     | 2.71    | ppb   |
| Strontium  | 86-1  | 0.00    | 0.05    | 0.11    | 0.05       | 104.92  | ppb   |
| Strontium  | 88-1  | 0.00    | 0.00    | 0.00    | 0.00       | 70.79   | ppb   |
| Sulfur     | 34-1  | 1765.58 | 1796.15 | 1922.99 | 1828.24    | 4.57    | ppb   |
| Terbium    | 159-1 |         |         |         |            |         | %     |
| Terbium    | 159-2 |         |         |         |            |         | %     |
| Thallium   | 203-1 | -0.05   | -0.04   | -0.05   | -0.05      |         | ppb   |
| Thallium   | 205-1 | -0.04   | -0.04   | -0.04   | -0.04      |         | ppb   |
| Tin        | 118-1 | -0.08   | -0.08   | -0.08   | -0.08      |         | ppb   |
| Titanium   | 47-1  | 0.04    | -0.03   | 0.03    | 0.02       | 234.99  | ppb   |
| Uranium    | 238-1 | -0.06   | -0.07   | -0.07   | -0.07      |         | ppb   |
| Vanadium   | 51-2  | -0.01   | 0.01    | -0.02   | -0.01      |         | ppb   |
| Yttrium    | 89-1  |         |         |         |            |         | %     |
| Yttrium    | 89-2  |         |         |         |            |         | %     |
| Zinc       | 66-2  | 1.68    | 1.46    | 1.54    | 1.56       | 7.28    | ppb   |
| Zirconium  | 90-1  | 0.00    | -0.01   | -0.01   | -0.01      |         | ppb   |

|                         |                     |                   |                     |
|-------------------------|---------------------|-------------------|---------------------|
| LB Number :             | LB88853             | Operator :        | Jaswal              |
| Lab Sample ID :         | PB100780BS          | Instrumnet Name : | P7                  |
| Client Sample ID :      | PB100780BS          | Dilution Factor : | 1                   |
| Date & Time Acquired :: | 2017-07-19 20:17:29 | DataFile Name :   | 121SMPL_P7071917 -M |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|-----------|------|---------|---------|---------|------------|---------|-------|
| Zirconium | 91-1 | 0.00    | 0.03    | 0.01    | 0.01       | 129.79  | ppb   |

LB Number : LB88853 Operator : Jaswal  
 Lab Sample ID : I4278-01 Instrumnet Name : P7  
 Client Sample ID : DC3126-01-BS-CLB46-V Dilution Factor : 1  
 Date & Time Acquired :: 2017-07-19 20:21:01 DataFile Name : 122SMPL\_P7071917 -M

| Parameter  | Mass  | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|------------|-------|---------|---------|---------|------------|---------|-------|
| Aluminium  | 27-2  | 13.72   | 12.49   | 9.24    | 11.82      | 19.59   | ppb   |
| Antimony   | 121-1 | 0.10    | 0.08    | 0.08    | 0.09       | 13.04   | ppb   |
| Arsenic    | 75-2  | 0.35    | 0.26    | 0.32    | 0.31       | 15.53   | ppb   |
| Barium     | 135-1 | 16.86   | 16.71   | 16.35   | 16.64      | 1.56    | ppb   |
| Barium     | 137-1 | 16.71   | 16.33   | 16.41   | 16.48      | 1.22    | ppb   |
| Beryllium  | 9-1   | 0.03    | 0.01    | 0.05    | 0.03       | 62.64   | ppb   |
| Bismuth    | 209-1 |         |         |         |            |         | %     |
| Bismuth    | 209-2 |         |         |         |            |         | %     |
| Boron      | 10-1  | 14.33   | 16.85   | 14.66   | 15.28      | 8.94    | ppb   |
| Boron      | 11-1  | 15.30   | 16.53   | 16.48   | 16.10      | 4.33    | ppb   |
| Cadmium    | 111-1 | -0.31   | -0.35   | -0.24   | -0.30      |         | ppb   |
| Cadmium    | 106-1 | -3.76   | -4.35   | -2.62   | -3.58      |         | ppb   |
| Cadmium    | 108-1 | 0.12    | 0.15    | 0.15    | 0.14       | 14.75   | ppb   |
| Calcium    | 43-1  | 5552.82 | 5561.18 | 5368.42 | 5494.14    | 1.98    | ppb   |
| Calcium    | 44-1  | 5480.49 | 5531.10 | 5314.43 | 5442.01    | 2.08    | ppb   |
| Chromium   | 52-2  | 0.05    | 0.06    | 0.06    | 0.06       | 11.63   | ppb   |
| Cobalt     | 59-2  | 0.02    | 0.05    | 0.03    | 0.03       | 57.32   | ppb   |
| Copper     | 63-2  | 236.68  | 245.72  | 239.88  | 240.76     | 1.90    | ppb   |
| Dysprosium | 156-1 |         |         |         |            |         | cps   |
| Dysprosium | 156-2 |         |         |         |            |         | cps   |
| Erbium     | 164-1 |         |         |         |            |         | cps   |
| Erbium     | 164-2 |         |         |         |            |         | cps   |
| Gadolinium | 160-1 |         |         |         |            |         | cps   |
| Gadolinium | 160-2 |         |         |         |            |         | cps   |
| Holmium    | 165-1 |         |         |         |            |         | %     |
| Holmium    | 165-2 |         |         |         |            |         | %     |
| Indium     | 115-1 |         |         |         |            |         | %     |
| Indium     | 115-2 |         |         |         |            |         | %     |
| Iron       | 56-2  | 31.00   | 32.72   | 31.47   | 31.73      | 2.79    | ppb   |
| Iron       | 57-2  | 42.76   | 36.32   | 41.64   | 40.24      | 8.55    | ppb   |
| Lead       | 206-1 | 0.87    | 0.84    | 0.83    | 0.85       | 2.69    | ppb   |
| Lead       | 207-1 | 0.81    | 0.84    | 0.80    | 0.82       | 2.49    | ppb   |
| Lead       | 208-1 | 0.80    | 0.83    | 0.78    | 0.80       | 2.73    | ppb   |
| Lithium    | 6-1   |         |         |         |            |         | %     |
| Magnesium  | 24-2  | 1189.58 | 1201.30 | 1204.17 | 1198.35    | 0.65    | ppb   |
| Manganese  | 55-2  | 10.64   | 10.21   | 10.34   | 10.39      | 2.12    | ppb   |

|                         |                      |                   |                     |
|-------------------------|----------------------|-------------------|---------------------|
| LB Number :             | LB88853              | Operator :        | Jaswal              |
| Lab Sample ID :         | I4278-01             | Instrumnet Name : | P7                  |
| Client Sample ID :      | DC3126-01-BS-CLB46-V | Dilution Factor : | 1                   |
| Date & Time Acquired :: | 2017-07-19 20:21:01  | DataFile Name :   | 122SMPL_P7071917 -M |

| Parameter  | Mass  | ConRep1  | ConRep2  | ConRep3  | Avg. Conc. | ConcRSD | Units |
|------------|-------|----------|----------|----------|------------|---------|-------|
| Molybdenum | 94-1  | 0.05     | 0.05     | 0.09     | 0.06       | 28.58   | ppb   |
| Molybdenum | 95-1  | 0.03     | -0.01    | -0.01    | 0.00       | 1856.17 | ppb   |
| Molybdenum | 96-1  | 0.02     | 0.00     | 0.01     | 0.01       | 158.90  | ppb   |
| Molybdenum | 97-1  | 0.05     | -0.01    | 0.03     | 0.02       | 146.76  | ppb   |
| Molybdenum | 98-1  | -0.01    | 0.00     | 0.00     | 0.00       |         | ppb   |
| Neodymium  | 150-1 |          |          |          |            |         | cps   |
| Neodymium  | 150-2 |          |          |          |            |         | cps   |
| Nickel     | 60-2  | 3.71     | 3.84     | 4.21     | 3.92       | 6.64    | ppb   |
| Phosphorus | 31-2  | 586.41   | 527.15   | 642.39   | 585.32     | 9.85    | ppb   |
| Potassium  | 39-2  | 553.18   | 556.86   | 544.97   | 551.67     | 1.10    | ppb   |
| Rhodium    | 103-1 |          |          |          |            |         | %     |
| Rhodium    | 103-2 |          |          |          |            |         | %     |
| Scandium   | 45-1  |          |          |          |            |         | %     |
| Scandium   | 45-2  |          |          |          |            |         | %     |
| Selenium   | 77-2  | 0.00     | 0.00     | 0.00     | 0.00       | N/A     | ppb   |
| Selenium   | 78-2  | -1.35    | -1.12    | 0.51     | -0.65      |         | ppb   |
| Selenium   | 82-1  | -0.33    | 0.80     | 1.01     | 0.49       | 147.20  | ppb   |
| Silicon    | 28-1  | 1069.28  | 1070.35  | 1034.73  | 1058.12    | 1.91    | ppb   |
| Silver     | 109-1 | 0.08     | 0.09     | 0.08     | 0.08       | 8.38    | ppb   |
| Silver     | 107-1 | 0.07     | 0.09     | 0.06     | 0.08       | 18.25   | ppb   |
| Sodium     | 23-2  | 10228.03 | 10548.79 | 10387.60 | 10388.14   | 1.54    | ppb   |
| Strontium  | 86-1  | 19.28    | 19.53    | 18.59    | 19.14      | 2.55    | ppb   |
| Strontium  | 88-1  | 19.51    | 19.33    | 18.80    | 19.21      | 1.93    | ppb   |
| Sulfur     | 34-1  | 2383.09  | 2691.75  | 2243.01  | 2439.28    | 9.41    | ppb   |
| Terbium    | 159-1 |          |          |          |            |         | %     |
| Terbium    | 159-2 |          |          |          |            |         | %     |
| Thallium   | 203-1 | -0.05    | -0.04    | -0.04    | -0.04      |         | ppb   |
| Thallium   | 205-1 | -0.04    | -0.03    | -0.04    | -0.04      |         | ppb   |
| Tin        | 118-1 | 0.13     | 0.12     | 0.14     | 0.13       | 6.94    | ppb   |
| Titanium   | 47-1  | 0.43     | 0.28     | 0.42     | 0.38       | 21.99   | ppb   |
| Uranium    | 238-1 | -0.06    | -0.06    | -0.05    | -0.05      |         | ppb   |
| Vanadium   | 51-2  | 0.06     | 0.08     | 0.05     | 0.07       | 20.82   | ppb   |
| Yttrium    | 89-1  |          |          |          |            |         | %     |
| Yttrium    | 89-2  |          |          |          |            |         | %     |
| Zinc       | 66-2  | 701.44   | 728.27   | 708.82   | 712.85     | 1.94    | ppb   |
| Zirconium  | 90-1  | 0.09     | 0.09     | 0.09     | 0.09       | 3.11    | ppb   |

|                         |                      |                   |                     |
|-------------------------|----------------------|-------------------|---------------------|
| LB Number :             | LB88853              | Operator :        | Jaswal              |
| Lab Sample ID :         | I4278-01             | Instrumnet Name : | P7                  |
| Client Sample ID :      | DC3126-01-BS-CLB46-V | Dilution Factor : | 1                   |
| Date & Time Acquired :: | 2017-07-19 20:21:01  | DataFile Name :   | 122SMPL_P7071917 -M |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|-----------|------|---------|---------|---------|------------|---------|-------|
| Zirconium | 91-1 | 0.12    | 0.11    | 0.06    | 0.10       | 34.11   | ppb   |



LB Number : LB88853 Operator : Jaswal  
 Lab Sample ID : I4278-02 Instrumnet Name : P7  
 Client Sample ID : DC3126-02-BS-CLB46-V Dilution Factor : 1  
 Date & Time Acquired :: 2017-07-19 20:24:33 DataFile Name : 123SMPL\_P7071917 -M

| Parameter  | Mass  | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|------------|-------|---------|---------|---------|------------|---------|-------|
| Aluminium  | 27-2  | 17.29   | 15.02   | 17.07   | 16.46      | 7.62    | ppb   |
| Antimony   | 121-1 | 0.07    | 0.10    | 0.06    | 0.08       | 25.48   | ppb   |
| Arsenic    | 75-2  | 0.29    | 0.35    | 0.44    | 0.36       | 20.82   | ppb   |
| Barium     | 135-1 | 16.86   | 16.88   | 16.53   | 16.76      | 1.18    | ppb   |
| Barium     | 137-1 | 17.68   | 17.15   | 16.91   | 17.25      | 2.29    | ppb   |
| Beryllium  | 9-1   | 0.07    | -0.03   | 0.05    | 0.03       | 158.53  | ppb   |
| Bismuth    | 209-1 |         |         |         |            |         | %     |
| Bismuth    | 209-2 |         |         |         |            |         | %     |
| Boron      | 10-1  | 15.99   | 14.79   | 14.42   | 15.07      | 5.43    | ppb   |
| Boron      | 11-1  | 14.87   | 14.97   | 15.18   | 15.01      | 1.06    | ppb   |
| Cadmium    | 111-1 | -0.38   | -0.47   | -0.21   | -0.36      |         | ppb   |
| Cadmium    | 106-1 | -4.79   | -5.96   | -2.58   | -4.45      |         | ppb   |
| Cadmium    | 108-1 | -0.11   | -0.03   | -0.03   | -0.06      |         | ppb   |
| Calcium    | 43-1  | 5328.51 | 5393.29 | 5189.82 | 5303.87    | 1.96    | ppb   |
| Calcium    | 44-1  | 5305.82 | 5370.19 | 5212.39 | 5296.13    | 1.50    | ppb   |
| Chromium   | 52-2  | 0.03    | 0.10    | 0.10    | 0.07       | 53.47   | ppb   |
| Cobalt     | 59-2  | 0.00    | -0.04   | 0.07    | 0.01       | 657.79  | ppb   |
| Copper     | 63-2  | 250.33  | 256.90  | 269.64  | 258.96     | 3.79    | 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  | 47.65   | 39.32   | 50.27   | 45.75      | 12.50   | ppb   |
| Iron       | 57-2  | 49.16   | 44.82   | 56.40   | 50.13      | 11.67   | ppb   |
| Lead       | 206-1 | 0.43    | 0.36    | 0.36    | 0.38       | 9.66    | ppb   |
| Lead       | 207-1 | 0.36    | 0.38    | 0.38    | 0.37       | 3.76    | ppb   |
| Lead       | 208-1 | 0.40    | 0.37    | 0.36    | 0.38       | 4.69    | ppb   |
| Lithium    | 6-1   |         |         |         |            |         | %     |
| Magnesium  | 24-2  | 1134.31 | 1123.82 | 1228.92 | 1162.35    | 4.98    | ppb   |
| Manganese  | 55-2  | 18.92   | 14.90   | 22.29   | 18.70      | 19.78   | ppb   |

|                         |                      |                   |                     |
|-------------------------|----------------------|-------------------|---------------------|
| LB Number :             | LB88853              | Operator :        | Jaswal              |
| Lab Sample ID :         | I4278-02             | Instrumnet Name : | P7                  |
| Client Sample ID :      | DC3126-02-BS-CLB46-V | Dilution Factor : | 1                   |
| Date & Time Acquired :: | 2017-07-19 20:24:33  | DataFile Name :   | 123SMPL_P7071917 -M |

| Parameter  | Mass  | ConRep1  | ConRep2  | ConRep3  | Avg. Conc. | ConcRSD | Units |
|------------|-------|----------|----------|----------|------------|---------|-------|
| Molybdenum | 94-1  | 0.04     | 0.06     | 0.06     | 0.05       | 21.86   | ppb   |
| Molybdenum | 95-1  | 0.00     | -0.02    | -0.01    | -0.01      |         | ppb   |
| Molybdenum | 96-1  | 0.03     | 0.01     | 0.01     | 0.02       | 60.83   | ppb   |
| Molybdenum | 97-1  | 0.02     | 0.00     | 0.01     | 0.01       | 81.29   | ppb   |
| Molybdenum | 98-1  | -0.01    | 0.00     | 0.02     | 0.00       | 307.19  | ppb   |
| Neodymium  | 150-1 |          |          |          |            |         | cps   |
| Neodymium  | 150-2 |          |          |          |            |         | cps   |
| Nickel     | 60-2  | 0.07     | -0.02    | 0.14     | 0.06       | 132.51  | ppb   |
| Phosphorus | 31-2  | 635.75   | 526.18   | 721.26   | 627.73     | 15.58   | ppb   |
| Potassium  | 39-2  | 529.46   | 546.92   | 571.34   | 549.24     | 3.83    | ppb   |
| Rhodium    | 103-1 |          |          |          |            |         | %     |
| Rhodium    | 103-2 |          |          |          |            |         | %     |
| Scandium   | 45-1  |          |          |          |            |         | %     |
| Scandium   | 45-2  |          |          |          |            |         | %     |
| Selenium   | 77-2  | 0.00     | 0.00     | 0.00     | 0.00       | N/A     | ppb   |
| Selenium   | 78-2  | 0.16     | -0.77    | 0.45     | -0.06      |         | ppb   |
| Selenium   | 82-1  | 0.14     | 1.24     | 1.04     | 0.81       | 72.52   | ppb   |
| Silicon    | 28-1  | 963.83   | 975.88   | 950.07   | 963.26     | 1.34    | ppb   |
| Silver     | 109-1 | 0.08     | 0.08     | 0.08     | 0.08       | 3.13    | ppb   |
| Silver     | 107-1 | 0.10     | 0.07     | 0.06     | 0.08       | 27.85   | ppb   |
| Sodium     | 23-2  | 10286.56 | 10301.64 | 11124.20 | 10570.80   | 4.53    | ppb   |
| Strontium  | 86-1  | 18.27    | 18.37    | 18.39    | 18.34      | 0.35    | ppb   |
| Strontium  | 88-1  | 18.61    | 18.80    | 18.55    | 18.66      | 0.71    | ppb   |
| Sulfur     | 34-1  | 2590.53  | 2934.31  | 2455.91  | 2660.25    | 9.27    | ppb   |
| Terbium    | 159-1 |          |          |          |            |         | %     |
| Terbium    | 159-2 |          |          |          |            |         | %     |
| Thallium   | 203-1 | -0.04    | -0.05    | -0.05    | -0.05      |         | ppb   |
| Thallium   | 205-1 | -0.04    | -0.04    | -0.04    | -0.04      |         | ppb   |
| Tin        | 118-1 | -0.01    | -0.02    | -0.01    | -0.01      |         | ppb   |
| Titanium   | 47-1  | 0.40     | 0.49     | 0.35     | 0.41       | 17.00   | ppb   |
| Uranium    | 238-1 | -0.06    | -0.06    | -0.06    | -0.06      |         | ppb   |
| Vanadium   | 51-2  | 0.09     | 0.05     | 0.10     | 0.08       | 32.45   | ppb   |
| Yttrium    | 89-1  |          |          |          |            |         | %     |
| Yttrium    | 89-2  |          |          |          |            |         | %     |
| Zinc       | 66-2  | 22.20    | 22.35    | 26.76    | 23.77      | 10.91   | ppb   |
| Zirconium  | 90-1  | 0.06     | 0.07     | 0.07     | 0.07       | 8.08    | ppb   |

|                         |                      |                   |                     |
|-------------------------|----------------------|-------------------|---------------------|
| LB Number :             | LB88853              | Operator :        | Jaswal              |
| Lab Sample ID :         | I4278-02             | Instrumnet Name : | P7                  |
| Client Sample ID :      | DC3126-02-BS-CLB46-V | Dilution Factor : | 1                   |
| Date & Time Acquired :: | 2017-07-19 20:24:33  | DataFile Name :   | 123SMPL_P7071917 -M |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|-----------|------|---------|---------|---------|------------|---------|-------|
| Zirconium | 91-1 | 0.06    | 0.09    | 0.06    | 0.07       | 24.04   | ppb   |

LB Number : LB88853 Operator : Jaswal  
 Lab Sample ID : I4278-03 Instrumnet Name : P7  
 Client Sample ID : DC3126-03-BS-CLB46-V Dilution Factor : 1  
 Date & Time Acquired :: 2017-07-19 20:28:05 DataFile Name : 124SMPL\_P7071917 -M8

| Parameter  | Mass  | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|------------|-------|---------|---------|---------|------------|---------|-------|
| Aluminium  | 27-2  | 10.23   | 9.46    | 21.84   | 13.84      | 50.12   | ppb   |
| Antimony   | 121-1 | 0.08    | 0.07    | 0.08    | 0.08       | 2.96    | ppb   |
| Arsenic    | 75-2  | 0.28    | 0.21    | 0.28    | 0.26       | 14.39   | ppb   |
| Barium     | 135-1 | 15.96   | 15.09   | 15.52   | 15.52      | 2.81    | ppb   |
| Barium     | 137-1 | 15.68   | 15.57   | 15.80   | 15.68      | 0.73    | ppb   |
| Beryllium  | 9-1   | 0.03    | 0.07    | 0.08    | 0.06       | 42.74   | ppb   |
| Bismuth    | 209-1 |         |         |         |            |         | %     |
| Bismuth    | 209-2 |         |         |         |            |         | %     |
| Boron      | 10-1  | 14.68   | 16.91   | 11.51   | 14.37      | 18.90   | ppb   |
| Boron      | 11-1  | 13.16   | 14.82   | 13.16   | 13.71      | 7.01    | ppb   |
| Cadmium    | 111-1 | -0.40   | -0.34   | -0.32   | -0.36      |         | ppb   |
| Cadmium    | 106-1 | -5.20   | -4.32   | -3.58   | -4.37      |         | ppb   |
| Cadmium    | 108-1 | 0.07    | 0.22    | 0.81    | 0.37       | 106.39  | ppb   |
| Calcium    | 43-1  | 5283.54 | 5268.00 | 5292.01 | 5281.18    | 0.23    | ppb   |
| Calcium    | 44-1  | 5255.67 | 5172.05 | 5232.07 | 5219.93    | 0.83    | ppb   |
| Chromium   | 52-2  | 0.00    | -0.03   | 0.03    | 0.00       |         | ppb   |
| Cobalt     | 59-2  | 0.18    | 0.16    | 0.16    | 0.17       | 5.17    | ppb   |
| Copper     | 63-2  | 237.21  | 230.54  | 233.11  | 233.62     | 1.44    | ppb   |
| Dysprosium | 156-1 |         |         |         |            |         | cps   |
| Dysprosium | 156-2 |         |         |         |            |         | cps   |
| Erbium     | 164-1 |         |         |         |            |         | cps   |
| Erbium     | 164-2 |         |         |         |            |         | cps   |
| Gadolinium | 160-1 |         |         |         |            |         | cps   |
| Gadolinium | 160-2 |         |         |         |            |         | cps   |
| Holmium    | 165-1 |         |         |         |            |         | %     |
| Holmium    | 165-2 |         |         |         |            |         | %     |
| Indium     | 115-1 |         |         |         |            |         | %     |
| Indium     | 115-2 |         |         |         |            |         | %     |
| Iron       | 56-2  | 31.11   | 27.39   | 27.39   | 28.63      | 7.49    | ppb   |
| Iron       | 57-2  | 27.70   | 31.20   | 38.36   | 32.42      | 16.77   | ppb   |
| Lead       | 206-1 | 1.69    | 1.69    | 1.69    | 1.69       | 0.19    | ppb   |
| Lead       | 207-1 | 1.50    | 1.60    | 1.57    | 1.56       | 3.09    | ppb   |
| Lead       | 208-1 | 1.60    | 1.64    | 1.62    | 1.62       | 1.24    | ppb   |
| Lithium    | 6-1   |         |         |         |            |         | %     |
| Magnesium  | 24-2  | 1216.14 | 1165.86 | 1200.44 | 1194.15    | 2.15    | ppb   |
| Manganese  | 55-2  | 8.76    | 9.11    | 8.89    | 8.92       | 1.96    | ppb   |

|                         |                      |                   |                     |
|-------------------------|----------------------|-------------------|---------------------|
| LB Number :             | LB88853              | Operator :        | Jaswal              |
| Lab Sample ID :         | I4278-03             | Instrumnet Name : | P7                  |
| Client Sample ID :      | DC3126-03-BS-CLB46-V | Dilution Factor : | 1                   |
| Date & Time Acquired :: | 2017-07-19 20:28:05  | DataFile Name :   | 124SMPL_P7071917 -M |

| Parameter  | Mass  | ConRep1  | ConRep2  | ConRep3  | Avg. Conc. | ConcRSD | Units |
|------------|-------|----------|----------|----------|------------|---------|-------|
| Molybdenum | 94-1  | 0.05     | 0.05     | 0.05     | 0.05       | 8.37    | ppb   |
| Molybdenum | 95-1  | -0.01    | -0.03    | -0.02    | -0.02      |         | ppb   |
| Molybdenum | 96-1  | 0.02     | 0.01     | 0.00     | 0.01       | 76.53   | ppb   |
| Molybdenum | 97-1  | 0.02     | 0.00     | 0.03     | 0.02       | 71.42   | ppb   |
| Molybdenum | 98-1  | 0.00     | 0.00     | -0.01    | 0.00       |         | ppb   |
| Neodymium  | 150-1 |          |          |          |            |         | cps   |
| Neodymium  | 150-2 |          |          |          |            |         | cps   |
| Nickel     | 60-2  | 17.75    | 16.75    | 16.63    | 17.05      | 3.62    | ppb   |
| Phosphorus | 31-2  | 541.35   | 547.78   | 493.65   | 527.59     | 5.60    | ppb   |
| Potassium  | 39-2  | 552.55   | 526.92   | 551.12   | 543.53     | 2.65    | ppb   |
| Rhodium    | 103-1 |          |          |          |            |         | %     |
| Rhodium    | 103-2 |          |          |          |            |         | %     |
| Scandium   | 45-1  |          |          |          |            |         | %     |
| Scandium   | 45-2  |          |          |          |            |         | %     |
| Selenium   | 77-2  | 1.01     | 0.00     | 1.02     | 0.68       | 86.60   | ppb   |
| Selenium   | 78-2  | -1.57    | 0.05     | 0.47     | -0.35      |         | ppb   |
| Selenium   | 82-1  | 0.04     | 0.96     | 0.45     | 0.48       | 94.78   | ppb   |
| Silicon    | 28-1  | 1020.00  | 1013.16  | 1023.32  | 1018.83    | 0.51    | ppb   |
| Silver     | 109-1 | 0.07     | 0.06     | 0.09     | 0.07       | 16.86   | ppb   |
| Silver     | 107-1 | 0.06     | 0.06     | 0.06     | 0.06       | 2.42    | ppb   |
| Sodium     | 23-2  | 10550.12 | 10163.99 | 10327.39 | 10347.16   | 1.87    | ppb   |
| Strontium  | 86-1  | 18.51    | 18.53    | 18.19    | 18.41      | 1.04    | ppb   |
| Strontium  | 88-1  | 18.66    | 18.60    | 18.66    | 18.64      | 0.20    | ppb   |
| Sulfur     | 34-1  | 1749.06  | 1729.46  | 1995.51  | 1824.68    | 8.13    | ppb   |
| Terbium    | 159-1 |          |          |          |            |         | %     |
| Terbium    | 159-2 |          |          |          |            |         | %     |
| Thallium   | 203-1 | -0.05    | -0.04    | -0.04    | -0.04      |         | ppb   |
| Thallium   | 205-1 | -0.04    | -0.03    | -0.03    | -0.03      |         | ppb   |
| Tin        | 118-1 | 0.91     | 0.94     | 0.96     | 0.94       | 2.82    | ppb   |
| Titanium   | 47-1  | 0.37     | 0.29     | 0.29     | 0.32       | 14.72   | ppb   |
| Uranium    | 238-1 | -0.06    | -0.06    | -0.06    | -0.06      |         | ppb   |
| Vanadium   | 51-2  | 0.05     | 0.05     | 0.07     | 0.05       | 22.66   | ppb   |
| Yttrium    | 89-1  |          |          |          |            |         | %     |
| Yttrium    | 89-2  |          |          |          |            |         | %     |
| Zinc       | 66-2  | 965.32   | 944.55   | 953.90   | 954.59     | 1.09    | ppb   |
| Zirconium  | 90-1  | 0.05     | 0.07     | 0.03     | 0.05       | 34.95   | ppb   |

|                         |                      |                   |                     |
|-------------------------|----------------------|-------------------|---------------------|
| LB Number :             | LB88853              | Operator :        | Jaswal              |
| Lab Sample ID :         | I4278-03             | Instrumnet Name : | P7                  |
| Client Sample ID :      | DC3126-03-BS-CLB46-V | Dilution Factor : | 1                   |
| Date & Time Acquired :: | 2017-07-19 20:28:05  | DataFile Name :   | 124SMPL_P7071917 -M |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|-----------|------|---------|---------|---------|------------|---------|-------|
| Zirconium | 91-1 | 0.07    | 0.12    | 0.08    | 0.09       | 32.21   | ppb   |

LB Number : LB88853 Operator : Jaswal  
 Lab Sample ID : I4278-04 Instrumnet Name : P7  
 Client Sample ID : DC3126-04-BS-CLB46-V Dilution Factor : 1  
 Date & Time Acquired :: 2017-07-19 20:31:36 DataFile Name : 125SMPL\_P7071917 -M1

| Parameter  | Mass  | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|------------|-------|---------|---------|---------|------------|---------|-------|
| Aluminium  | 27-2  | 12.99   | 13.52   | 15.14   | 13.88      | 8.04    | ppb   |
| Antimony   | 121-1 | 0.07    | 0.06    | 0.06    | 0.06       | 6.42    | ppb   |
| Arsenic    | 75-2  | 0.22    | 0.28    | 0.48    | 0.33       | 41.79   | ppb   |
| Barium     | 135-1 | 16.54   | 16.73   | 16.26   | 16.51      | 1.42    | ppb   |
| Barium     | 137-1 | 16.73   | 16.66   | 16.95   | 16.78      | 0.91    | ppb   |
| Beryllium  | 9-1   | 0.08    | -0.03   | -0.05   | 0.00       |         | ppb   |
| Bismuth    | 209-1 |         |         |         |            |         | %     |
| Bismuth    | 209-2 |         |         |         |            |         | %     |
| Boron      | 10-1  | 13.07   | 12.24   | 14.15   | 13.15      | 7.31    | ppb   |
| Boron      | 11-1  | 12.77   | 11.47   | 11.63   | 11.96      | 5.92    | ppb   |
| Cadmium    | 111-1 | -0.39   | -0.43   | -0.29   | -0.37      |         | ppb   |
| Cadmium    | 106-1 | -4.77   | -5.39   | -3.54   | -4.57      |         | ppb   |
| Cadmium    | 108-1 | 0.00    | -0.04   | -0.11   | -0.05      |         | ppb   |
| Calcium    | 43-1  | 5056.38 | 5140.12 | 5166.34 | 5120.95    | 1.12    | ppb   |
| Calcium    | 44-1  | 5215.12 | 5187.04 | 5150.08 | 5184.08    | 0.63    | ppb   |
| Chromium   | 52-2  | 0.03    | 0.04    | 0.06    | 0.04       | 35.85   | ppb   |
| Cobalt     | 59-2  | -0.05   | -0.06   | -0.05   | -0.05      |         | ppb   |
| Copper     | 63-2  | 237.93  | 234.80  | 231.16  | 234.63     | 1.44    | ppb   |
| Dysprosium | 156-1 |         |         |         |            |         | cps   |
| Dysprosium | 156-2 |         |         |         |            |         | cps   |
| Erbium     | 164-1 |         |         |         |            |         | cps   |
| Erbium     | 164-2 |         |         |         |            |         | cps   |
| Gadolinium | 160-1 |         |         |         |            |         | cps   |
| Gadolinium | 160-2 |         |         |         |            |         | cps   |
| Holmium    | 165-1 |         |         |         |            |         | %     |
| Holmium    | 165-2 |         |         |         |            |         | %     |
| Indium     | 115-1 |         |         |         |            |         | %     |
| Indium     | 115-2 |         |         |         |            |         | %     |
| Iron       | 56-2  | 40.12   | 41.22   | 40.39   | 40.58      | 1.41    | ppb   |
| Iron       | 57-2  | 43.86   | 42.89   | 47.01   | 44.59      | 4.83    | ppb   |
| Lead       | 206-1 | 0.61    | 0.56    | 0.61    | 0.59       | 4.49    | ppb   |
| Lead       | 207-1 | 0.54    | 0.53    | 0.61    | 0.56       | 7.95    | ppb   |
| Lead       | 208-1 | 0.58    | 0.55    | 0.61    | 0.58       | 5.02    | ppb   |
| Lithium    | 6-1   |         |         |         |            |         | %     |
| Magnesium  | 24-2  | 1141.17 | 1135.54 | 1125.76 | 1134.16    | 0.69    | ppb   |
| Manganese  | 55-2  | 14.41   | 14.36   | 14.21   | 14.33      | 0.71    | ppb   |

|                         |                      |                   |                     |
|-------------------------|----------------------|-------------------|---------------------|
| LB Number :             | LB88853              | Operator :        | Jaswal              |
| Lab Sample ID :         | I4278-04             | Instrumnet Name : | P7                  |
| Client Sample ID :      | DC3126-04-BS-CLB46-V | Dilution Factor : | 1                   |
| Date & Time Acquired :: | 2017-07-19 20:31:36  | DataFile Name :   | 125SMPL_P7071917 -M |

| Parameter  | Mass  | ConRep1  | ConRep2  | ConRep3  | Avg. Conc. | ConcRSD | Units |
|------------|-------|----------|----------|----------|------------|---------|-------|
| Molybdenum | 94-1  | 0.05     | 0.05     | 0.04     | 0.05       | 12.19   | ppb   |
| Molybdenum | 95-1  | -0.01    | -0.01    | 0.00     | -0.01      |         | ppb   |
| Molybdenum | 96-1  | 0.00     | -0.01    | 0.02     | 0.00       | 383.16  | ppb   |
| Molybdenum | 97-1  | 0.02     | 0.01     | 0.03     | 0.02       | 50.58   | ppb   |
| Molybdenum | 98-1  | 0.01     | 0.00     | 0.00     | 0.00       | 580.89  | ppb   |
| Neodymium  | 150-1 |          |          |          |            |         | cps   |
| Neodymium  | 150-2 |          |          |          |            |         | cps   |
| Nickel     | 60-2  | 0.25     | 0.15     | 0.04     | 0.15       | 71.07   | ppb   |
| Phosphorus | 31-2  | 545.23   | 584.08   | 508.29   | 545.87     | 6.94    | ppb   |
| Potassium  | 39-2  | 532.60   | 527.54   | 520.68   | 526.94     | 1.14    | ppb   |
| Rhodium    | 103-1 |          |          |          |            |         | %     |
| Rhodium    | 103-2 |          |          |          |            |         | %     |
| Scandium   | 45-1  |          |          |          |            |         | %     |
| Scandium   | 45-2  |          |          |          |            |         | %     |
| Selenium   | 77-2  | 0.95     | 1.90     | 0.00     | 0.95       | 100.03  | ppb   |
| Selenium   | 78-2  | -1.12    | 0.14     | -1.46    | -0.81      |         | ppb   |
| Selenium   | 82-1  | 0.86     | 0.43     | 0.69     | 0.66       | 33.15   | ppb   |
| Silicon    | 28-1  | 933.60   | 924.48   | 937.52   | 931.87     | 0.72    | ppb   |
| Silver     | 109-1 | 0.06     | 0.07     | 0.08     | 0.07       | 14.90   | ppb   |
| Silver     | 107-1 | 0.05     | 0.06     | 0.07     | 0.06       | 12.12   | ppb   |
| Sodium     | 23-2  | 10384.35 | 10267.87 | 10241.81 | 10298.01   | 0.74    | ppb   |
| Strontium  | 86-1  | 18.21    | 18.61    | 17.84    | 18.22      | 2.11    | ppb   |
| Strontium  | 88-1  | 18.54    | 18.13    | 18.44    | 18.37      | 1.15    | ppb   |
| Sulfur     | 34-1  | 1611.12  | 1630.65  | 1613.64  | 1618.47    | 0.66    | ppb   |
| Terbium    | 159-1 |          |          |          |            |         | %     |
| Terbium    | 159-2 |          |          |          |            |         | %     |
| Thallium   | 203-1 | -0.04    | -0.05    | -0.05    | -0.05      |         | ppb   |
| Thallium   | 205-1 | -0.03    | -0.04    | -0.04    | -0.04      |         | ppb   |
| Tin        | 118-1 | -0.01    | -0.05    | -0.05    | -0.03      |         | ppb   |
| Titanium   | 47-1  | 0.77     | 3.97     | 0.69     | 1.81       | 103.59  | ppb   |
| Uranium    | 238-1 | -0.06    | -0.06    | -0.06    | -0.06      |         | ppb   |
| Vanadium   | 51-2  | 0.05     | 0.08     | 0.02     | 0.05       | 64.09   | ppb   |
| Yttrium    | 89-1  |          |          |          |            |         | %     |
| Yttrium    | 89-2  |          |          |          |            |         | %     |
| Zinc       | 66-2  | 29.62    | 28.64    | 29.43    | 29.23      | 1.77    | ppb   |
| Zirconium  | 90-1  | 0.05     | 0.06     | 0.06     | 0.05       | 9.95    | ppb   |



|                         |                      |                   |                     |
|-------------------------|----------------------|-------------------|---------------------|
| LB Number :             | LB88853              | Operator :        | Jaswal              |
| Lab Sample ID :         | I4278-04             | Instrumnet Name : | P7                  |
| Client Sample ID :      | DC3126-04-BS-CLB46-V | Dilution Factor : | 1                   |
| Date & Time Acquired :: | 2017-07-19 20:31:36  | DataFile Name :   | 125SMPL_P7071917 -M |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|-----------|------|---------|---------|---------|------------|---------|-------|
| Zirconium | 91-1 | 0.06    | 0.02    | 0.06    | 0.05       | 48.44   | ppb   |

LB Number : LB88853 Operator : Jaswal  
 Lab Sample ID : I4278-05 Instrumnet Name : P7  
 Client Sample ID : DC3126-05-BS-CLB46-V Dilution Factor : 1  
 Date & Time Acquired :: 2017-07-19 20:35:07 DataFile Name : 126SMPL\_P7071917 -M

| Parameter  | Mass  | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|------------|-------|---------|---------|---------|------------|---------|-------|
| Aluminium  | 27-2  | 0.41    | 0.84    | 3.03    | 1.42       | 98.75   | ppb   |
| Antimony   | 121-1 | 0.02    | 0.02    | 0.01    | 0.02       | 41.27   | ppb   |
| Arsenic    | 75-2  | -0.02   | -0.02   | -0.03   | -0.02      |         | ppb   |
| Barium     | 135-1 | 0.02    | -0.02   | 0.02    | 0.01       | 436.73  | ppb   |
| Barium     | 137-1 | 0.03    | 0.04    | 0.03    | 0.03       | 27.44   | ppb   |
| Beryllium  | 9-1   | -0.10   | -0.02   | 0.01    | -0.04      |         | ppb   |
| Bismuth    | 209-1 |         |         |         |            |         | %     |
| Bismuth    | 209-2 |         |         |         |            |         | %     |
| Boron      | 10-1  | 10.54   | 11.40   | 11.06   | 11.00      | 3.95    | ppb   |
| Boron      | 11-1  | 11.90   | 13.00   | 13.29   | 12.73      | 5.74    | ppb   |
| Cadmium    | 111-1 | -0.42   | -0.41   | -0.45   | -0.42      |         | ppb   |
| Cadmium    | 106-1 | -5.22   | -5.00   | -5.46   | -5.23      |         | ppb   |
| Cadmium    | 108-1 | -0.08   | -0.04   | 0.04    | -0.03      |         | ppb   |
| Calcium    | 43-1  | 7690.88 | 7696.89 | 7894.17 | 7760.65    | 1.49    | ppb   |
| Calcium    | 44-1  | 7806.80 | 7748.99 | 7888.83 | 7814.88    | 0.90    | ppb   |
| Chromium   | 52-2  | 0.06    | 0.03    | 0.02    | 0.04       | 49.25   | ppb   |
| Cobalt     | 59-2  | -0.08   | -0.07   | -0.08   | -0.08      |         | ppb   |
| Copper     | 63-2  | 0.53    | 0.53    | 0.51    | 0.52       | 2.29    | 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  | 1.35    | 0.94    | 1.25    | 1.18       | 18.21   | ppb   |
| Iron       | 57-2  | 11.32   | 10.04   | 8.50    | 9.95       | 14.21   | ppb   |
| Lead       | 206-1 | -0.04   | -0.05   | -0.06   | -0.05      |         | ppb   |
| Lead       | 207-1 | -0.04   | -0.04   | -0.02   | -0.03      |         | ppb   |
| Lead       | 208-1 | -0.04   | -0.04   | -0.03   | -0.04      |         | ppb   |
| Lithium    | 6-1   |         |         |         |            |         | %     |
| Magnesium  | 24-2  | 3092.86 | 3126.65 | 3228.53 | 3149.35    | 2.24    | ppb   |
| Manganese  | 55-2  | 0.22    | 0.20    | 0.25    | 0.22       | 11.67   | ppb   |

|                         |                      |                   |                     |
|-------------------------|----------------------|-------------------|---------------------|
| LB Number :             | LB88853              | Operator :        | Jaswal              |
| Lab Sample ID :         | I4278-05             | Instrumnet Name : | P7                  |
| Client Sample ID :      | DC3126-05-BS-CLB46-V | Dilution Factor : | 1                   |
| Date & Time Acquired :: | 2017-07-19 20:35:07  | DataFile Name :   | 126SMPL_P7071917 -M |

| Parameter  | Mass  | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|------------|-------|---------|---------|---------|------------|---------|-------|
| Molybdenum | 94-1  | 0.00    | -0.01   | 0.00    | -0.01      |         | ppb   |
| Molybdenum | 95-1  | -0.05   | -0.05   | -0.05   | -0.05      |         | ppb   |
| Molybdenum | 96-1  | -0.03   | -0.02   | -0.03   | -0.03      |         | ppb   |
| Molybdenum | 97-1  | -0.03   | -0.03   | -0.02   | -0.03      |         | ppb   |
| Molybdenum | 98-1  | -0.03   | -0.03   | -0.02   | -0.03      |         | ppb   |
| Neodymium  | 150-1 |         |         |         |            |         | cps   |
| Neodymium  | 150-2 |         |         |         |            |         | cps   |
| Nickel     | 60-2  | -0.45   | -0.42   | -0.43   | -0.43      |         | ppb   |
| Phosphorus | 31-2  | -30.60  | -14.83  | 14.06   | -10.46     |         | ppb   |
| Potassium  | 39-2  | 27.57   | 32.83   | 37.19   | 32.53      | 14.80   | ppb   |
| Rhodium    | 103-1 |         |         |         |            |         | %     |
| Rhodium    | 103-2 |         |         |         |            |         | %     |
| Scandium   | 45-1  |         |         |         |            |         | %     |
| Scandium   | 45-2  |         |         |         |            |         | %     |
| Selenium   | 77-2  | 0.00    | 0.00    | 0.00    | 0.00       | N/A     | ppb   |
| Selenium   | 78-2  | -0.92   | 0.43    | -0.43   | -0.31      |         | ppb   |
| Selenium   | 82-1  | 0.82    | 0.72    | 0.48    | 0.67       | 26.43   | ppb   |
| Silicon    | 28-1  | 16.11   | 17.13   | 19.21   | 17.48      | 9.03    | ppb   |
| Silver     | 109-1 | 0.03    | 0.06    | 0.06    | 0.05       | 40.04   | ppb   |
| Silver     | 107-1 | 0.04    | 0.06    | 0.04    | 0.05       | 29.78   | ppb   |
| Sodium     | 23-2  | 6157.33 | 6231.51 | 6427.35 | 6272.06    | 2.22    | ppb   |
| Strontium  | 86-1  | 1.48    | 1.55    | 1.55    | 1.53       | 2.74    | ppb   |
| Strontium  | 88-1  | 1.46    | 1.46    | 1.52    | 1.48       | 2.50    | ppb   |
| Sulfur     | 34-1  | 4720.71 | 4735.53 | 5063.00 | 4839.75    | 4.00    | ppb   |
| Terbium    | 159-1 |         |         |         |            |         | %     |
| Terbium    | 159-2 |         |         |         |            |         | %     |
| Thallium   | 203-1 | -0.05   | -0.05   | -0.05   | -0.05      |         | ppb   |
| Thallium   | 205-1 | -0.04   | -0.04   | -0.04   | -0.04      |         | ppb   |
| Tin        | 118-1 | -0.09   | -0.09   | -0.09   | -0.09      |         | ppb   |
| Titanium   | 47-1  | -0.02   | -0.01   | -0.05   | -0.03      |         | ppb   |
| Uranium    | 238-1 | -0.06   | -0.07   | -0.07   | -0.07      |         | ppb   |
| Vanadium   | 51-2  | -0.01   | -0.01   | -0.02   | -0.01      |         | ppb   |
| Yttrium    | 89-1  |         |         |         |            |         | %     |
| Yttrium    | 89-2  |         |         |         |            |         | %     |
| Zinc       | 66-2  | 1.29    | 1.04    | 1.28    | 1.20       | 11.92   | ppb   |
| Zirconium  | 90-1  | -0.02   | 0.00    | -0.01   | -0.01      |         | ppb   |

|                         |                      |                   |                     |
|-------------------------|----------------------|-------------------|---------------------|
| LB Number :             | LB88853              | Operator :        | Jaswal              |
| Lab Sample ID :         | I4278-05             | Instrumnet Name : | P7                  |
| Client Sample ID :      | DC3126-05-BS-CLB46-V | Dilution Factor : | 1                   |
| Date & Time Acquired :: | 2017-07-19 20:35:07  | DataFile Name :   | 126SMPL_P7071917 -M |

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

LB Number : LB88853 Operator : Jaswal  
 Lab Sample ID : I4278-06 Instrumnet Name : P7  
 Client Sample ID : DC3126-06-BS-CLB46-V Dilution Factor : 1  
 Date & Time Acquired :: 2017-07-19 20:38:38 DataFile Name : 127SMPL\_P7071917 -M

| Parameter  | Mass  | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|------------|-------|---------|---------|---------|------------|---------|-------|
| Aluminium  | 27-2  | 1.70    | 1.87    | 1.26    | 1.61       | 19.60   | ppb   |
| Antimony   | 121-1 | 0.01    | 0.02    | 0.01    | 0.01       | 29.10   | ppb   |
| Arsenic    | 75-2  | -0.05   | -0.04   | -0.02   | -0.04      |         | ppb   |
| Barium     | 135-1 | 0.01    | -0.01   | 0.01    | 0.01       | 224.17  | ppb   |
| Barium     | 137-1 | 0.02    | 0.05    | 0.02    | 0.03       | 62.53   | ppb   |
| Beryllium  | 9-1   | 0.06    | -0.03   | -0.01   | 0.01       | 977.22  | ppb   |
| Bismuth    | 209-1 |         |         |         |            |         | %     |
| Bismuth    | 209-2 |         |         |         |            |         | %     |
| Boron      | 10-1  | 14.18   | 11.25   | 14.94   | 13.46      | 14.47   | ppb   |
| Boron      | 11-1  | 12.99   | 13.79   | 12.60   | 13.13      | 4.64    | ppb   |
| Cadmium    | 111-1 | -0.38   | -0.30   | -0.38   | -0.36      |         | ppb   |
| Cadmium    | 106-1 | -4.71   | -3.58   | -4.69   | -4.33      |         | ppb   |
| Cadmium    | 108-1 | -0.08   | -0.04   | -0.08   | -0.06      |         | ppb   |
| Calcium    | 43-1  | 7932.81 | 7810.27 | 7966.07 | 7903.05    | 1.04    | ppb   |
| Calcium    | 44-1  | 7972.11 | 7832.21 | 7845.43 | 7883.25    | 0.98    | ppb   |
| Chromium   | 52-2  | -0.02   | -0.01   | -0.04   | -0.02      |         | ppb   |
| Cobalt     | 59-2  | -0.06   | -0.08   | -0.07   | -0.07      |         | ppb   |
| Copper     | 63-2  | 0.54    | 0.39    | 0.40    | 0.44       | 18.92   | ppb   |
| Dysprosium | 156-1 |         |         |         |            |         | cps   |
| Dysprosium | 156-2 |         |         |         |            |         | cps   |
| Erbium     | 164-1 |         |         |         |            |         | cps   |
| Erbium     | 164-2 |         |         |         |            |         | cps   |
| Gadolinium | 160-1 |         |         |         |            |         | cps   |
| Gadolinium | 160-2 |         |         |         |            |         | cps   |
| Holmium    | 165-1 |         |         |         |            |         | %     |
| Holmium    | 165-2 |         |         |         |            |         | %     |
| Indium     | 115-1 |         |         |         |            |         | %     |
| Indium     | 115-2 |         |         |         |            |         | %     |
| Iron       | 56-2  | 1.34    | 1.49    | 1.47    | 1.43       | 5.54    | ppb   |
| Iron       | 57-2  | 11.33   | 5.66    | 11.35   | 9.45       | 34.71   | ppb   |
| Lead       | 206-1 | -0.06   | -0.04   | -0.04   | -0.05      |         | ppb   |
| Lead       | 207-1 | -0.02   | -0.03   | -0.01   | -0.02      |         | ppb   |
| Lead       | 208-1 | -0.03   | -0.03   | -0.03   | -0.03      |         | ppb   |
| Lithium    | 6-1   |         |         |         |            |         | %     |
| Magnesium  | 24-2  | 3182.15 | 3087.18 | 3128.84 | 3132.72    | 1.52    | ppb   |
| Manganese  | 55-2  | 0.22    | 0.21    | 0.22    | 0.22       | 4.31    | ppb   |

LB Number : LB88853 Operator : Jaswal  
 Lab Sample ID : I4278-06 Instrumnet Name : P7  
 Client Sample ID : DC3126-06-BS-CLB46-V Dilution Factor : 1  
 Date & Time Acquired :: 2017-07-19 20:38:38 DataFile Name : 127SMPL\_P7071917 -M

| Parameter  | Mass  | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|------------|-------|---------|---------|---------|------------|---------|-------|
| Molybdenum | 94-1  | -0.01   | 0.00    | -0.01   | -0.01      |         | ppb   |
| Molybdenum | 95-1  | -0.04   | -0.04   | -0.05   | -0.04      |         | ppb   |
| Molybdenum | 96-1  | -0.03   | -0.02   | -0.03   | -0.03      |         | ppb   |
| Molybdenum | 97-1  | -0.02   | -0.02   | -0.01   | -0.01      |         | ppb   |
| Molybdenum | 98-1  | -0.03   | -0.04   | -0.03   | -0.04      |         | ppb   |
| Neodymium  | 150-1 |         |         |         |            |         | cps   |
| Neodymium  | 150-2 |         |         |         |            |         | cps   |
| Nickel     | 60-2  | -0.52   | -0.61   | -0.40   | -0.51      |         | ppb   |
| Phosphorus | 31-2  | -6.60   | -11.12  | 4.72    | -4.33      |         | ppb   |
| Potassium  | 39-2  | 35.86   | 29.60   | 41.07   | 35.51      | 16.17   | ppb   |
| Rhodium    | 103-1 |         |         |         |            |         | %     |
| Rhodium    | 103-2 |         |         |         |            |         | %     |
| Scandium   | 45-1  |         |         |         |            |         | %     |
| Scandium   | 45-2  |         |         |         |            |         | %     |
| Selenium   | 77-2  | 0.00    | 0.00    | 0.00    | 0.00       | N/A     | ppb   |
| Selenium   | 78-2  | 0.08    | 0.32    | -1.11   | -0.24      |         | ppb   |
| Selenium   | 82-1  | 0.27    | -0.43   | 1.10    | 0.31       | 243.07  | ppb   |
| Silicon    | 28-1  | 13.02   | 13.13   | 13.57   | 13.24      | 2.22    | ppb   |
| Silver     | 109-1 | 0.04    | 0.03    | 0.05    | 0.04       | 13.88   | ppb   |
| Silver     | 107-1 | 0.04    | 0.05    | 0.05    | 0.05       | 13.55   | ppb   |
| Sodium     | 23-2  | 6311.85 | 6184.61 | 6219.28 | 6238.58    | 1.05    | ppb   |
| Strontium  | 86-1  | 1.56    | 1.48    | 1.49    | 1.51       | 2.68    | ppb   |
| Strontium  | 88-1  | 1.50    | 1.50    | 1.56    | 1.52       | 2.24    | ppb   |
| Sulfur     | 34-1  | 5267.76 | 4960.82 | 5011.36 | 5079.98    | 3.24    | ppb   |
| Terbium    | 159-1 |         |         |         |            |         | %     |
| Terbium    | 159-2 |         |         |         |            |         | %     |
| Thallium   | 203-1 | -0.05   | -0.05   | -0.04   | -0.05      |         | ppb   |
| Thallium   | 205-1 | -0.03   | -0.04   | -0.04   | -0.04      |         | ppb   |
| Tin        | 118-1 | -0.09   | -0.09   | -0.10   | -0.09      |         | ppb   |
| Titanium   | 47-1  | 0.01    | 0.01    | 0.01    | 0.01       | 7.34    | ppb   |
| Uranium    | 238-1 | -0.06   | -0.06   | -0.07   | -0.07      |         | ppb   |
| Vanadium   | 51-2  | -0.02   | -0.02   | -0.02   | -0.02      |         | ppb   |
| Yttrium    | 89-1  |         |         |         |            |         | %     |
| Yttrium    | 89-2  |         |         |         |            |         | %     |
| Zinc       | 66-2  | 0.79    | 0.69    | 0.73    | 0.74       | 7.15    | ppb   |
| Zirconium  | 90-1  | 0.01    | -0.01   | 0.00    | 0.00       |         | ppb   |

|                         |                      |                   |                     |
|-------------------------|----------------------|-------------------|---------------------|
| LB Number :             | LB88853              | Operator :        | Jaswal              |
| Lab Sample ID :         | I4278-06             | Instrumnet Name : | P7                  |
| Client Sample ID :      | DC3126-06-BS-CLB46-V | Dilution Factor : | 1                   |
| Date & Time Acquired :: | 2017-07-19 20:38:38  | DataFile Name :   | 127SMPL_P7071917 -M |

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

LB Number : LB88853 Operator : Jaswal  
 Lab Sample ID : I4278-07 Instrumnet Name : P7  
 Client Sample ID : DC3126-07-BS-BRB46-V Dilution Factor : 1  
 Date & Time Acquired :: 2017-07-19 20:42:10 DataFile Name : 128SMPL\_P7071917 -M

| Parameter  | Mass  | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|------------|-------|---------|---------|---------|------------|---------|-------|
| Aluminium  | 27-2  | 15.35   | 10.01   | 9.60    | 11.65      | 27.52   | ppb   |
| Antimony   | 121-1 | 0.09    | 0.11    | 0.10    | 0.10       | 7.46    | ppb   |
| Arsenic    | 75-2  | 0.25    | 0.17    | 0.24    | 0.22       | 18.61   | ppb   |
| Barium     | 135-1 | 16.66   | 16.86   | 16.30   | 16.61      | 1.68    | ppb   |
| Barium     | 137-1 | 16.93   | 17.04   | 16.99   | 16.99      | 0.32    | ppb   |
| Beryllium  | 9-1   | 0.05    | 0.00    | -0.02   | 0.01       | 361.16  | ppb   |
| Bismuth    | 209-1 |         |         |         |            |         | %     |
| Bismuth    | 209-2 |         |         |         |            |         | %     |
| Boron      | 10-1  | 9.97    | 10.08   | 10.50   | 10.18      | 2.76    | ppb   |
| Boron      | 11-1  | 11.08   | 10.66   | 10.18   | 10.64      | 4.23    | ppb   |
| Cadmium    | 111-1 | -0.38   | -0.38   | -0.41   | -0.39      |         | ppb   |
| Cadmium    | 106-1 | -4.62   | -4.86   | -4.99   | -4.82      |         | ppb   |
| Cadmium    | 108-1 | 0.00    | -0.08   | 0.08    | 0.00       |         | ppb   |
| Calcium    | 43-1  | 5263.59 | 5233.32 | 5303.54 | 5266.82    | 0.67    | ppb   |
| Calcium    | 44-1  | 5263.14 | 5248.62 | 5221.02 | 5244.26    | 0.41    | ppb   |
| Chromium   | 52-2  | 0.02    | 0.00    | 0.01    | 0.01       | 113.18  | ppb   |
| Cobalt     | 59-2  | -0.07   | -0.07   | -0.05   | -0.06      |         | ppb   |
| Copper     | 63-2  | 206.43  | 214.43  | 212.23  | 211.03     | 1.96    | 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  | 32.12   | 32.28   | 33.04   | 32.48      | 1.52    | ppb   |
| Iron       | 57-2  | 67.62   | 39.80   | 34.76   | 47.40      | 37.34   | ppb   |
| Lead       | 206-1 | 2.05    | 2.06    | 2.05    | 2.06       | 0.39    | ppb   |
| Lead       | 207-1 | 1.85    | 1.93    | 1.87    | 1.88       | 2.37    | ppb   |
| Lead       | 208-1 | 1.99    | 1.99    | 1.97    | 1.98       | 0.42    | ppb   |
| Lithium    | 6-1   |         |         |         |            |         | %     |
| Magnesium  | 24-2  | 1121.05 | 1156.32 | 1152.12 | 1143.17    | 1.69    | ppb   |
| Manganese  | 55-2  | 10.25   | 10.92   | 10.91   | 10.69      | 3.60    | ppb   |



|                         |                      |                   |                     |
|-------------------------|----------------------|-------------------|---------------------|
| LB Number :             | LB88853              | Operator :        | Jaswal              |
| Lab Sample ID :         | I4278-07             | Instrumnet Name : | P7                  |
| Client Sample ID :      | DC3126-07-BS-BRB46-V | Dilution Factor : | 1                   |
| Date & Time Acquired :: | 2017-07-19 20:42:10  | DataFile Name :   | 128SMPL_P7071917 -M |

| Parameter  | Mass  | ConRep1  | ConRep2  | ConRep3  | Avg. Conc. | ConcRSD | Units |
|------------|-------|----------|----------|----------|------------|---------|-------|
| Molybdenum | 94-1  | 0.04     | 0.07     | 0.04     | 0.05       | 30.54   | ppb   |
| Molybdenum | 95-1  | -0.02    | 0.00     | -0.02    | -0.02      |         | ppb   |
| Molybdenum | 96-1  | 0.03     | 0.01     | 0.00     | 0.01       | 108.01  | ppb   |
| Molybdenum | 97-1  | 0.01     | 0.02     | 0.04     | 0.03       | 56.19   | ppb   |
| Molybdenum | 98-1  | -0.02    | 0.00     | 0.02     | 0.00       |         | ppb   |
| Neodymium  | 150-1 |          |          |          |            |         | cps   |
| Neodymium  | 150-2 |          |          |          |            |         | cps   |
| Nickel     | 60-2  | 2.72     | 2.93     | 3.03     | 2.89       | 5.49    | ppb   |
| Phosphorus | 31-2  | 519.68   | 509.45   | 637.22   | 555.45     | 12.78   | ppb   |
| Potassium  | 39-2  | 537.09   | 540.78   | 547.14   | 541.67     | 0.94    | ppb   |
| Rhodium    | 103-1 |          |          |          |            |         | %     |
| Rhodium    | 103-2 |          |          |          |            |         | %     |
| Scandium   | 45-1  |          |          |          |            |         | %     |
| Scandium   | 45-2  |          |          |          |            |         | %     |
| Selenium   | 77-2  | 1.92     | 0.00     | 0.00     | 0.64       | 173.21  | ppb   |
| Selenium   | 78-2  | -0.44    | -1.68    | -1.34    | -1.15      |         | ppb   |
| Selenium   | 82-1  | 1.26     | 1.60     | 1.20     | 1.35       | 16.14   | ppb   |
| Silicon    | 28-1  | 934.55   | 932.02   | 950.35   | 938.97     | 1.06    | ppb   |
| Silver     | 109-1 | 0.06     | 0.05     | 0.06     | 0.06       | 9.66    | ppb   |
| Silver     | 107-1 | 0.07     | 0.06     | 0.05     | 0.06       | 12.51   | ppb   |
| Sodium     | 23-2  | 10093.58 | 10452.19 | 10388.13 | 10311.30   | 1.85    | ppb   |
| Strontium  | 86-1  | 18.59    | 18.47    | 17.83    | 18.29      | 2.22    | ppb   |
| Strontium  | 88-1  | 18.82    | 18.56    | 18.79    | 18.72      | 0.76    | ppb   |
| Sulfur     | 34-1  | 2252.85  | 2125.16  | 2285.68  | 2221.23    | 3.82    | ppb   |
| Terbium    | 159-1 |          |          |          |            |         | %     |
| Terbium    | 159-2 |          |          |          |            |         | %     |
| Thallium   | 203-1 | -0.05    | -0.04    | -0.04    | -0.04      |         | ppb   |
| Thallium   | 205-1 | -0.03    | -0.03    | -0.03    | -0.03      |         | ppb   |
| Tin        | 118-1 | -0.06    | -0.05    | -0.04    | -0.05      |         | ppb   |
| Titanium   | 47-1  | 0.39     | 0.35     | 0.38     | 0.37       | 5.22    | ppb   |
| Uranium    | 238-1 | -0.06    | -0.05    | -0.05    | -0.05      |         | ppb   |
| Vanadium   | 51-2  | 0.06     | 0.05     | 0.04     | 0.05       | 13.82   | ppb   |
| Yttrium    | 89-1  |          |          |          |            |         | %     |
| Yttrium    | 89-2  |          |          |          |            |         | %     |
| Zinc       | 66-2  | 156.11   | 158.03   | 160.25   | 158.13     | 1.31    | ppb   |
| Zirconium  | 90-1  | 0.06     | 0.07     | 0.04     | 0.06       | 28.06   | ppb   |

|                         |                      |                   |                     |
|-------------------------|----------------------|-------------------|---------------------|
| LB Number :             | LB88853              | Operator :        | Jaswal              |
| Lab Sample ID :         | I4278-07             | Instrumnet Name : | P7                  |
| Client Sample ID :      | DC3126-07-BS-BRB46-V | Dilution Factor : | 1                   |
| Date & Time Acquired :: | 2017-07-19 20:42:10  | DataFile Name :   | 128SMPL_P7071917 -M |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|-----------|------|---------|---------|---------|------------|---------|-------|
| Zirconium | 91-1 | 0.13    | 0.05    | 0.07    | 0.08       | 48.42   | ppb   |

LB Number : LB88853 Operator : Jaswal  
 Lab Sample ID : I4278-08 Instrumnet Name : P7  
 Client Sample ID : DC3126-08-BS-BRB46-V Dilution Factor : 1  
 Date & Time Acquired :: 2017-07-19 20:45:41 DataFile Name : 129SMPL\_P7071917 -M

| Parameter  | Mass  | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|------------|-------|---------|---------|---------|------------|---------|-------|
| Aluminium  | 27-2  | 12.84   | 12.01   | 18.42   | 14.42      | 24.15   | ppb   |
| Antimony   | 121-1 | 0.07    | 0.06    | 0.07    | 0.07       | 6.74    | ppb   |
| Arsenic    | 75-2  | 0.22    | 0.24    | 0.34    | 0.26       | 23.68   | ppb   |
| Barium     | 135-1 | 16.16   | 16.80   | 17.11   | 16.69      | 2.89    | ppb   |
| Barium     | 137-1 | 16.54   | 16.69   | 17.23   | 16.82      | 2.15    | ppb   |
| Beryllium  | 9-1   | 0.07    | 0.00    | -0.07   | 0.00       |         | ppb   |
| Bismuth    | 209-1 |         |         |         |            |         | %     |
| Bismuth    | 209-2 |         |         |         |            |         | %     |
| Boron      | 10-1  | 10.18   | 10.97   | 9.71    | 10.29      | 6.18    | ppb   |
| Boron      | 11-1  | 9.88    | 9.45    | 10.58   | 9.97       | 5.74    | ppb   |
| Cadmium    | 111-1 | -0.34   | -0.33   | -0.24   | -0.31      |         | ppb   |
| Cadmium    | 106-1 | -4.24   | -3.91   | -2.83   | -3.66      |         | ppb   |
| Cadmium    | 108-1 | -0.08   | 0.00    | -0.07   | -0.05      |         | ppb   |
| Calcium    | 43-1  | 5075.03 | 5181.02 | 5448.48 | 5234.84    | 3.68    | ppb   |
| Calcium    | 44-1  | 5066.48 | 5226.12 | 5460.81 | 5251.14    | 3.78    | ppb   |
| Chromium   | 52-2  | 0.03    | 0.07    | 0.02    | 0.04       | 66.67   | ppb   |
| Cobalt     | 59-2  | -0.07   | -0.06   | -0.05   | -0.06      |         | ppb   |
| Copper     | 63-2  | 242.08  | 251.73  | 257.03  | 250.28     | 3.03    | ppb   |
| Dysprosium | 156-1 |         |         |         |            |         | cps   |
| Dysprosium | 156-2 |         |         |         |            |         | cps   |
| Erbium     | 164-1 |         |         |         |            |         | cps   |
| Erbium     | 164-2 |         |         |         |            |         | cps   |
| Gadolinium | 160-1 |         |         |         |            |         | cps   |
| Gadolinium | 160-2 |         |         |         |            |         | cps   |
| Holmium    | 165-1 |         |         |         |            |         | %     |
| Holmium    | 165-2 |         |         |         |            |         | %     |
| Indium     | 115-1 |         |         |         |            |         | %     |
| Indium     | 115-2 |         |         |         |            |         | %     |
| Iron       | 56-2  | 32.69   | 34.58   | 34.96   | 34.07      | 3.57    | ppb   |
| Iron       | 57-2  | 41.99   | 43.99   | 48.38   | 44.79      | 7.30    | ppb   |
| Lead       | 206-1 | 0.33    | 0.34    | 0.34    | 0.34       | 2.24    | ppb   |
| Lead       | 207-1 | 0.33    | 0.34    | 0.32    | 0.33       | 3.78    | ppb   |
| Lead       | 208-1 | 0.31    | 0.32    | 0.36    | 0.33       | 8.11    | ppb   |
| Lithium    | 6-1   |         |         |         |            |         | %     |
| Magnesium  | 24-2  | 1094.34 | 1134.96 | 1194.29 | 1141.20    | 4.40    | ppb   |
| Manganese  | 55-2  | 11.30   | 11.24   | 11.92   | 11.49      | 3.25    | ppb   |

|                         |                      |                   |                     |
|-------------------------|----------------------|-------------------|---------------------|
| LB Number :             | LB88853              | Operator :        | Jaswal              |
| Lab Sample ID :         | I4278-08             | Instrumnet Name : | P7                  |
| Client Sample ID :      | DC3126-08-BS-BRB46-V | Dilution Factor : | 1                   |
| Date & Time Acquired :: | 2017-07-19 20:45:41  | DataFile Name :   | 129SMPL_P7071917 -M |

| Parameter  | Mass  | ConRep1  | ConRep2  | ConRep3  | Avg. Conc. | ConcRSD | Units |
|------------|-------|----------|----------|----------|------------|---------|-------|
| Molybdenum | 94-1  | 0.06     | 0.05     | 0.02     | 0.04       | 41.56   | ppb   |
| Molybdenum | 95-1  | -0.02    | -0.03    | -0.02    | -0.02      |         | ppb   |
| Molybdenum | 96-1  | 0.00     | 0.00     | 0.01     | 0.00       | 268.43  | ppb   |
| Molybdenum | 97-1  | 0.00     | 0.01     | 0.02     | 0.01       | 78.33   | ppb   |
| Molybdenum | 98-1  | -0.01    | 0.02     | 0.01     | 0.01       | 160.92  | ppb   |
| Neodymium  | 150-1 |          |          |          |            |         | cps   |
| Neodymium  | 150-2 |          |          |          |            |         | cps   |
| Nickel     | 60-2  | 0.11     | 0.31     | 0.32     | 0.25       | 48.89   | ppb   |
| Phosphorus | 31-2  | 593.06   | 542.18   | 635.79   | 590.34     | 7.94    | ppb   |
| Potassium  | 39-2  | 518.19   | 546.12   | 573.95   | 546.08     | 5.11    | ppb   |
| Rhodium    | 103-1 |          |          |          |            |         | %     |
| Rhodium    | 103-2 |          |          |          |            |         | %     |
| Scandium   | 45-1  |          |          |          |            |         | %     |
| Scandium   | 45-2  |          |          |          |            |         | %     |
| Selenium   | 77-2  | 0.00     | 0.00     | 0.00     | 0.00       | N/A     | ppb   |
| Selenium   | 78-2  | -1.05    | -1.06    | -1.23    | -1.11      |         | ppb   |
| Selenium   | 82-1  | 0.81     | -0.18    | 0.75     | 0.46       | 121.46  | ppb   |
| Silicon    | 28-1  | 908.66   | 939.58   | 977.56   | 941.94     | 3.66    | ppb   |
| Silver     | 109-1 | 0.05     | 0.06     | 0.05     | 0.05       | 16.63   | ppb   |
| Silver     | 107-1 | 0.05     | 0.04     | 0.06     | 0.05       | 21.85   | ppb   |
| Sodium     | 23-2  | 10021.56 | 10412.85 | 10743.24 | 10392.55   | 3.48    | ppb   |
| Strontium  | 86-1  | 18.20    | 18.23    | 19.09    | 18.51      | 2.74    | ppb   |
| Strontium  | 88-1  | 18.07    | 18.52    | 18.86    | 18.48      | 2.12    | ppb   |
| Sulfur     | 34-1  | 2077.42  | 2292.57  | 2838.41  | 2402.80    | 16.33   | ppb   |
| Terbium    | 159-1 |          |          |          |            |         | %     |
| Terbium    | 159-2 |          |          |          |            |         | %     |
| Thallium   | 203-1 | -0.05    | -0.05    | -0.04    | -0.05      |         | ppb   |
| Thallium   | 205-1 | -0.04    | -0.04    | -0.04    | -0.04      |         | ppb   |
| Tin        | 118-1 | -0.06    | -0.06    | -0.07    | -0.07      |         | ppb   |
| Titanium   | 47-1  | 0.36     | 0.31     | 0.43     | 0.37       | 16.33   | ppb   |
| Uranium    | 238-1 | -0.06    | -0.05    | -0.06    | -0.06      |         | ppb   |
| Vanadium   | 51-2  | 0.06     | 0.03     | 0.03     | 0.04       | 39.40   | ppb   |
| Yttrium    | 89-1  |          |          |          |            |         | %     |
| Yttrium    | 89-2  |          |          |          |            |         | %     |
| Zinc       | 66-2  | 14.03    | 15.55    | 15.07    | 14.88      | 5.23    | ppb   |
| Zirconium  | 90-1  | 0.05     | 0.05     | 0.04     | 0.05       | 6.70    | ppb   |

|                         |                      |                   |                     |
|-------------------------|----------------------|-------------------|---------------------|
| LB Number :             | LB88853              | Operator :        | Jaswal              |
| Lab Sample ID :         | I4278-08             | Instrumnet Name : | P7                  |
| Client Sample ID :      | DC3126-08-BS-BRB46-V | Dilution Factor : | 1                   |
| Date & Time Acquired :: | 2017-07-19 20:45:41  | DataFile Name :   | 129SMPL_P7071917 -M |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|-----------|------|---------|---------|---------|------------|---------|-------|
| Zirconium | 91-1 | 0.07    | 0.08    | 0.09    | 0.08       | 9.48    | ppb   |

|                         |                     |                   |                      |
|-------------------------|---------------------|-------------------|----------------------|
| LB Number :             | LB88853             | Operator :        | Jaswal               |
| Lab Sample ID :         | CCV40               | Instrumnet Name : | P7                   |
| Client Sample ID :      | CCV40               | Dilution Factor : | 1                    |
| Date & Time Acquired :: | 2017-07-19 20:49:12 | DataFile Name :   | 130CCV_P7071917 -MS. |

| Parameter  | Mass  | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|------------|-------|---------|---------|---------|------------|---------|-------|
| Aluminium  | 27-2  | -0.38   | 0.09    | 0.09    | -0.07      |         | ppb   |
| Antimony   | 121-1 | 0.01    | 0.01    | 0.01    | 0.01       | 13.90   | ppb   |
| Arsenic    | 75-2  | -0.01   | -0.03   | 0.03    | 0.00       |         | ppb   |
| Barium     | 135-1 | -0.06   | -0.07   | -0.10   | -0.08      |         | ppb   |
| Barium     | 137-1 | -0.05   | -0.05   | -0.06   | -0.05      |         | ppb   |
| Beryllium  | 9-1   | 0.02    | -0.07   | -0.08   | -0.04      |         | ppb   |
| Bismuth    | 209-1 |         |         |         |            |         | %     |
| Bismuth    | 209-2 |         |         |         |            |         | %     |
| Boron      | 10-1  | 9.42    | 6.56    | 6.24    | 7.41       | 23.62   | ppb   |
| Boron      | 11-1  | 7.82    | 7.68    | 7.27    | 7.59       | 3.79    | ppb   |
| Cadmium    | 111-1 | -0.31   | -0.36   | -0.37   | -0.35      |         | ppb   |
| Cadmium    | 106-1 | -3.72   | -4.36   | -4.54   | -4.21      |         | ppb   |
| Cadmium    | 108-1 | -0.11   | -0.11   | -0.07   | -0.10      |         | ppb   |
| Calcium    | 43-1  | 7.12    | 8.58    | 3.87    | 6.52       | 37.01   | ppb   |
| Calcium    | 44-1  | 2.13    | 4.39    | 0.74    | 2.42       | 76.01   | ppb   |
| Chromium   | 52-2  | 0.01    | -0.01   | 0.01    | 0.00       | 749.32  | ppb   |
| Cobalt     | 59-2  | -0.08   | -0.07   | -0.08   | -0.08      |         | ppb   |
| Copper     | 63-2  | 0.40    | 0.42    | 0.41    | 0.41       | 3.15    | 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  | 0.95    | 0.81    | 0.70    | 0.82       | 15.36   | ppb   |
| Iron       | 57-2  | 1.21    | 2.58    | 3.32    | 2.37       | 45.10   | ppb   |
| Lead       | 206-1 | 481.47  | 490.65  | 491.00  | 487.70     | 1.11    | ppb   |
| Lead       | 207-1 | 473.32  | 481.37  | 481.80  | 478.83     | 1.00    | ppb   |
| Lead       | 208-1 | 483.69  | 491.53  | 492.40  | 489.21     | 0.98    | ppb   |
| Lithium    | 6-1   |         |         |         |            |         | %     |
| Magnesium  | 24-2  | -0.52   | -1.20   | -0.78   | -0.84      |         | ppb   |
| Manganese  | 55-2  | 0.24    | 0.18    | 0.13    | 0.18       | 31.38   | ppb   |

|                         |                     |                   |                      |
|-------------------------|---------------------|-------------------|----------------------|
| LB Number :             | LB88853             | Operator :        | Jaswal               |
| Lab Sample ID :         | CCV40               | Instrumnet Name : | P7                   |
| Client Sample ID :      | CCV40               | Dilution Factor : | 1                    |
| Date & Time Acquired :: | 2017-07-19 20:49:12 | DataFile Name :   | 130CCV_P7071917 -MS. |

| Parameter  | Mass  | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|------------|-------|---------|---------|---------|------------|---------|-------|
| Molybdenum | 94-1  | 0.01    | -0.01   | -0.01   | 0.00       |         | ppb   |
| Molybdenum | 95-1  | -0.05   | -0.06   | -0.06   | -0.06      |         | ppb   |
| Molybdenum | 96-1  | -0.04   | -0.04   | -0.04   | -0.04      |         | ppb   |
| Molybdenum | 97-1  | -0.03   | -0.02   | -0.02   | -0.02      |         | ppb   |
| Molybdenum | 98-1  | -0.03   | -0.04   | -0.04   | -0.04      |         | ppb   |
| Neodymium  | 150-1 |         |         |         |            |         | cps   |
| Neodymium  | 150-2 |         |         |         |            |         | cps   |
| Nickel     | 60-2  | -0.59   | -0.51   | -0.48   | -0.53      |         | ppb   |
| Phosphorus | 31-2  | -19.71  | 19.77   | 24.22   | 8.09       | 298.81  | ppb   |
| Potassium  | 39-2  | 55.02   | 40.10   | 40.97   | 45.36      | 18.47   | ppb   |
| Rhodium    | 103-1 |         |         |         |            |         | %     |
| Rhodium    | 103-2 |         |         |         |            |         | %     |
| Scandium   | 45-1  |         |         |         |            |         | %     |
| Scandium   | 45-2  |         |         |         |            |         | %     |
| Selenium   | 77-2  | 0.00    | 1.07    | 0.00    | 0.36       | 173.21  | ppb   |
| Selenium   | 78-2  | -0.09   | -0.16   | 0.62    | 0.13       | 340.85  | ppb   |
| Selenium   | 82-1  | 0.24    | 0.19    | 0.20    | 0.21       | 12.75   | ppb   |
| Silicon    | 28-1  | 14.61   | 14.75   | 14.26   | 14.54      | 1.75    | ppb   |
| Silver     | 109-1 | 0.05    | 0.04    | 0.04    | 0.04       | 8.73    | ppb   |
| Silver     | 107-1 | 0.03    | 0.04    | 0.04    | 0.04       | 9.71    | ppb   |
| Sodium     | 23-2  | 138.05  | 138.37  | 131.78  | 136.07     | 2.73    | ppb   |
| Strontium  | 86-1  | 0.02    | 0.10    | 0.07    | 0.07       | 59.78   | ppb   |
| Strontium  | 88-1  | 0.01    | 0.00    | 0.00    | 0.00       | 117.80  | ppb   |
| Sulfur     | 34-1  | 1888.85 | 1733.62 | 1738.82 | 1787.10    | 4.93    | ppb   |
| Terbium    | 159-1 |         |         |         |            |         | %     |
| Terbium    | 159-2 |         |         |         |            |         | %     |
| Thallium   | 203-1 | -0.03   | -0.05   | -0.05   | -0.04      |         | ppb   |
| Thallium   | 205-1 | -0.03   | -0.03   | -0.04   | -0.04      |         | ppb   |
| Tin        | 118-1 | -0.09   | -0.09   | -0.06   | -0.08      |         | ppb   |
| Titanium   | 47-1  | 0.02    | 0.03    | 0.03    | 0.03       | 31.46   | ppb   |
| Uranium    | 238-1 | -0.06   | -0.06   | -0.07   | -0.06      |         | ppb   |
| Vanadium   | 51-2  | 0.01    | -0.03   | -0.02   | -0.01      |         | ppb   |
| Yttrium    | 89-1  |         |         |         |            |         | %     |
| Yttrium    | 89-2  |         |         |         |            |         | %     |
| Zinc       | 66-2  | 0.75    | 0.93    | 1.15    | 0.94       | 21.47   | ppb   |
| Zirconium  | 90-1  | 0.01    | 0.00    | 0.00    | 0.00       | 123.02  | ppb   |

|                         |                     |                   |                      |
|-------------------------|---------------------|-------------------|----------------------|
| LB Number :             | LB88853             | Operator :        | Jaswal               |
| Lab Sample ID :         | CCV40               | Instrumnet Name : | P7                   |
| Client Sample ID :      | CCV40               | Dilution Factor : | 1                    |
| Date & Time Acquired :: | 2017-07-19 20:49:12 | DataFile Name :   | 130CCV_P7071917 -MS. |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|-----------|------|---------|---------|---------|------------|---------|-------|
| Zirconium | 91-1 | 0.02    | 0.00    | 0.03    | 0.02       | 80.81   | ppb   |



LB Number : LB88853 Operator : Jaswal  
 Lab Sample ID : CCB40 Instrumnet Name : P7  
 Client Sample ID : CCB40 Dilution Factor : 1  
 Date & Time Acquired :: 2017-07-19 20:52:44 DataFile Name : 131CCBE\_P7071917 -M:

| Parameter  | Mass  | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|------------|-------|---------|---------|---------|------------|---------|-------|
| Aluminium  | 27-2  | 0.11    | -0.15   | 0.12    | 0.02       | 604.23  | ppb   |
| Antimony   | 121-1 | 0.01    | 0.01    | 0.01    | 0.01       | 11.77   | ppb   |
| Arsenic    | 75-2  | -0.03   | -0.04   | -0.03   | -0.03      |         | ppb   |
| Barium     | 135-1 | -0.11   | -0.07   | -0.10   | -0.10      |         | ppb   |
| Barium     | 137-1 | -0.06   | -0.05   | -0.06   | -0.06      |         | ppb   |
| Beryllium  | 9-1   | -0.02   | -0.04   | -0.04   | -0.03      |         | ppb   |
| Bismuth    | 209-1 |         |         |         |            |         | %     |
| Bismuth    | 209-2 |         |         |         |            |         | %     |
| Boron      | 10-1  | 7.84    | 6.03    | 7.65    | 7.17       | 13.88   | ppb   |
| Boron      | 11-1  | 6.77    | 6.13    | 6.11    | 6.34       | 5.86    | ppb   |
| Cadmium    | 111-1 | -0.29   | -0.37   | -0.36   | -0.34      |         | ppb   |
| Cadmium    | 106-1 | -3.41   | -4.59   | -4.33   | -4.11      |         | ppb   |
| Cadmium    | 108-1 | -0.07   | -0.07   | -0.11   | -0.09      |         | ppb   |
| Calcium    | 43-1  | -1.33   | 2.13    | -0.37   | 0.14       | 1248.11 | ppb   |
| Calcium    | 44-1  | -3.36   | -2.29   | -3.24   | -2.96      |         | ppb   |
| Chromium   | 52-2  | 0.03    | 0.04    | 0.06    | 0.04       | 38.29   | ppb   |
| Cobalt     | 59-2  | -0.08   | -0.09   | -0.08   | -0.08      |         | ppb   |
| Copper     | 63-2  | 0.49    | 0.37    | 0.36    | 0.40       | 17.56   | 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  | 1.16    | 1.15    | 1.23    | 1.18       | 3.60    | ppb   |
| Iron       | 57-2  | 0.29    | 2.13    | 2.94    | 1.79       | 75.86   | ppb   |
| Lead       | 206-1 | -0.03   | -0.02   | -0.04   | -0.03      |         | ppb   |
| Lead       | 207-1 | 0.02    | 0.00    | 0.03    | 0.02       | 90.75   | ppb   |
| Lead       | 208-1 | 0.00    | -0.01   | -0.01   | -0.01      |         | ppb   |
| Lithium    | 6-1   |         |         |         |            |         | %     |
| Magnesium  | 24-2  | 0.59    | -1.05   | 1.00    | 0.18       | 605.51  | ppb   |
| Manganese  | 55-2  | 0.29    | 0.24    | 0.19    | 0.24       | 21.40   | ppb   |

|                         |                     |                   |                     |
|-------------------------|---------------------|-------------------|---------------------|
| LB Number :             | LB88853             | Operator :        | Jaswal              |
| Lab Sample ID :         | CCB40               | Instrumnet Name : | P7                  |
| Client Sample ID :      | CCB40               | Dilution Factor : | 1                   |
| Date & Time Acquired :: | 2017-07-19 20:52:44 | DataFile Name :   | 131CCBE_P7071917 -M |

| Parameter  | Mass  | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|------------|-------|---------|---------|---------|------------|---------|-------|
| Molybdenum | 94-1  | 0.00    | -0.01   | 0.00    | 0.00       |         | ppb   |
| Molybdenum | 95-1  | -0.06   | -0.06   | -0.05   | -0.06      |         | ppb   |
| Molybdenum | 96-1  | -0.04   | -0.04   | -0.03   | -0.04      |         | ppb   |
| Molybdenum | 97-1  | -0.03   | -0.03   | -0.02   | -0.03      |         | ppb   |
| Molybdenum | 98-1  | -0.04   | -0.04   | -0.04   | -0.04      |         | ppb   |
| Neodymium  | 150-1 |         |         |         |            |         | cps   |
| Neodymium  | 150-2 |         |         |         |            |         | cps   |
| Nickel     | 60-2  | -0.50   | -0.51   | -0.57   | -0.53      |         | ppb   |
| Phosphorus | 31-2  | -1.23   | 11.17   | -0.59   | 3.12       | 224.26  | ppb   |
| Potassium  | 39-2  | 56.39   | 35.19   | 59.20   | 50.26      | 26.11   | ppb   |
| Rhodium    | 103-1 |         |         |         |            |         | %     |
| Rhodium    | 103-2 |         |         |         |            |         | %     |
| Scandium   | 45-1  |         |         |         |            |         | %     |
| Scandium   | 45-2  |         |         |         |            |         | %     |
| Selenium   | 77-2  | 0.00    | 0.00    | 0.00    | 0.00       | N/A     | ppb   |
| Selenium   | 78-2  | 0.60    | -1.96   | 0.59    | -0.26      |         | ppb   |
| Selenium   | 82-1  | -0.75   | 0.54    | 0.44    | 0.08       | 950.10  | ppb   |
| Silicon    | 28-1  | 16.42   | 16.98   | 14.49   | 15.96      | 8.18    | ppb   |
| Silver     | 109-1 | 0.03    | 0.03    | 0.04    | 0.04       | 12.47   | ppb   |
| Silver     | 107-1 | 0.04    | 0.03    | 0.04    | 0.04       | 15.77   | ppb   |
| Sodium     | 23-2  | 129.82  | 121.67  | 138.29  | 129.93     | 6.40    | ppb   |
| Strontium  | 86-1  | 0.10    | 0.08    | 0.11    | 0.10       | 14.64   | ppb   |
| Strontium  | 88-1  | 0.00    | 0.00    | 0.00    | 0.00       |         | ppb   |
| Sulfur     | 34-1  | 1971.57 | 2097.11 | 1518.71 | 1862.46    | 16.34   | ppb   |
| Terbium    | 159-1 |         |         |         |            |         | %     |
| Terbium    | 159-2 |         |         |         |            |         | %     |
| Thallium   | 203-1 | -0.04   | -0.03   | -0.04   | -0.04      |         | ppb   |
| Thallium   | 205-1 | -0.04   | -0.03   | -0.03   | -0.03      |         | ppb   |
| Tin        | 118-1 | 0.01    | -0.02   | -0.03   | -0.01      |         | ppb   |
| Titanium   | 47-1  | -0.02   | 0.01    | 0.05    | 0.01       | 361.77  | ppb   |
| Uranium    | 238-1 | -0.07   | -0.07   | -0.06   | -0.07      |         | ppb   |
| Vanadium   | 51-2  | -0.02   | -0.03   | -0.02   | -0.02      |         | ppb   |
| Yttrium    | 89-1  |         |         |         |            |         | %     |
| Yttrium    | 89-2  |         |         |         |            |         | %     |
| Zinc       | 66-2  | 0.29    | 0.44    | 0.38    | 0.37       | 20.05   | ppb   |
| Zirconium  | 90-1  | -0.01   | -0.01   | 0.00    | -0.01      |         | ppb   |

|                         |                     |                   |                      |
|-------------------------|---------------------|-------------------|----------------------|
| LB Number :             | LB88853             | Operator :        | Jaswal               |
| Lab Sample ID :         | CCB40               | Instrumnet Name : | P7                   |
| Client Sample ID :      | CCB40               | Dilution Factor : | 1                    |
| Date & Time Acquired :: | 2017-07-19 20:52:44 | DataFile Name :   | 131CCBE_P7071917 -M: |

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

LB Number : LB88853 Operator : Jaswal  
 Lab Sample ID : I4278-09 Instrumnet Name : P7  
 Client Sample ID : DC3126-09-FL3-CL317-V Dilution Factor : 1  
 Date & Time Acquired :: 2017-07-19 20:56:16 DataFile Name : 132SMPL\_P7071917 -M1

| Parameter  | Mass  | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|------------|-------|---------|---------|---------|------------|---------|-------|
| Aluminium  | 27-2  | 13.05   | 13.78   | 19.73   | 15.52      | 23.61   | ppb   |
| Antimony   | 121-1 | 0.05    | 0.06    | 0.04    | 0.05       | 20.93   | ppb   |
| Arsenic    | 75-2  | 0.24    | 0.22    | 0.25    | 0.24       | 5.64    | ppb   |
| Barium     | 135-1 | 16.49   | 16.28   | 16.66   | 16.47      | 1.15    | ppb   |
| Barium     | 137-1 | 17.31   | 16.79   | 17.22   | 17.11      | 1.63    | ppb   |
| Beryllium  | 9-1   | -0.02   | -0.05   | -0.09   | -0.05      |         | ppb   |
| Bismuth    | 209-1 |         |         |         |            |         | %     |
| Bismuth    | 209-2 |         |         |         |            |         | %     |
| Boron      | 10-1  | 7.74    | 10.25   | 8.44    | 8.81       | 14.67   | ppb   |
| Boron      | 11-1  | 8.57    | 8.76    | 8.20    | 8.51       | 3.36    | ppb   |
| Cadmium    | 111-1 | -0.23   | -0.32   | -0.36   | -0.31      |         | ppb   |
| Cadmium    | 106-1 | -2.94   | -4.11   | -4.57   | -3.87      |         | ppb   |
| Cadmium    | 108-1 | -0.04   | 0.07    | 0.00    | 0.01       | 468.66  | ppb   |
| Calcium    | 43-1  | 5459.78 | 5264.27 | 5394.03 | 5372.69    | 1.85    | ppb   |
| Calcium    | 44-1  | 5321.76 | 5288.29 | 5437.71 | 5349.25    | 1.47    | ppb   |
| Chromium   | 52-2  | 0.05    | 0.01    | 0.07    | 0.04       | 72.15   | ppb   |
| Cobalt     | 59-2  | -0.03   | -0.05   | -0.04   | -0.04      |         | ppb   |
| Copper     | 63-2  | 257.59  | 260.09  | 261.86  | 259.84     | 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  | 41.05   | 38.59   | 40.76   | 40.13      | 3.35    | ppb   |
| Iron       | 57-2  | 36.91   | 44.87   | 54.52   | 45.43      | 19.41   | ppb   |
| Lead       | 206-1 | 0.54    | 0.54    | 0.52    | 0.53       | 2.31    | ppb   |
| Lead       | 207-1 | 0.54    | 0.51    | 0.52    | 0.52       | 3.66    | ppb   |
| Lead       | 208-1 | 0.54    | 0.53    | 0.56    | 0.54       | 3.15    | ppb   |
| Lithium    | 6-1   |         |         |         |            |         | %     |
| Magnesium  | 24-2  | 1153.03 | 1158.34 | 1167.03 | 1159.47    | 0.61    | ppb   |
| Manganese  | 55-2  | 11.41   | 11.76   | 11.96   | 11.71      | 2.35    | ppb   |

|                         |                       |                   |                     |
|-------------------------|-----------------------|-------------------|---------------------|
| LB Number :             | LB88853               | Operator :        | Jaswal              |
| Lab Sample ID :         | I4278-09              | Instrumnet Name : | P7                  |
| Client Sample ID :      | DC3126-09-FL3-CL317-V | Dilution Factor : | 1                   |
| Date & Time Acquired :: | 2017-07-19 20:56:16   | DataFile Name :   | 132SMPL_P7071917 -M |

| Parameter  | Mass  | ConRep1  | ConRep2  | ConRep3  | Avg. Conc. | ConcRSD | Units |
|------------|-------|----------|----------|----------|------------|---------|-------|
| Molybdenum | 94-1  | 0.04     | 0.04     | 0.04     | 0.04       | 5.42    | ppb   |
| Molybdenum | 95-1  | -0.02    | -0.03    | -0.02    | -0.02      |         | ppb   |
| Molybdenum | 96-1  | 0.00     | 0.00     | 0.01     | 0.00       | 167.56  | ppb   |
| Molybdenum | 97-1  | -0.01    | 0.01     | 0.00     | 0.00       | 362.66  | ppb   |
| Molybdenum | 98-1  | -0.01    | -0.02    | -0.01    | -0.02      |         | ppb   |
| Neodymium  | 150-1 |          |          |          |            |         | cps   |
| Neodymium  | 150-2 |          |          |          |            |         | cps   |
| Nickel     | 60-2  | 2.20     | 2.38     | 2.48     | 2.35       | 5.93    | ppb   |
| Phosphorus | 31-2  | 599.06   | 567.78   | 446.58   | 537.81     | 14.98   | ppb   |
| Potassium  | 39-2  | 514.06   | 527.07   | 513.19   | 518.11     | 1.50    | ppb   |
| Rhodium    | 103-1 |          |          |          |            |         | %     |
| Rhodium    | 103-2 |          |          |          |            |         | %     |
| Scandium   | 45-1  |          |          |          |            |         | %     |
| Scandium   | 45-2  |          |          |          |            |         | %     |
| Selenium   | 77-2  | 0.00     | 0.00     | 0.00     | 0.00       | N/A     | ppb   |
| Selenium   | 78-2  | -0.47    | -1.89    | -1.06    | -1.14      |         | ppb   |
| Selenium   | 82-1  | 0.55     | 0.51     | 1.09     | 0.72       | 45.15   | ppb   |
| Silicon    | 28-1  | 912.98   | 903.20   | 931.41   | 915.86     | 1.56    | ppb   |
| Silver     | 109-1 | 0.06     | 0.05     | 0.06     | 0.06       | 8.78    | ppb   |
| Silver     | 107-1 | 0.06     | 0.05     | 0.03     | 0.05       | 29.06   | ppb   |
| Sodium     | 23-2  | 10143.41 | 10302.81 | 10452.53 | 10299.58   | 1.50    | ppb   |
| Strontium  | 86-1  | 18.60    | 18.59    | 18.93    | 18.71      | 1.04    | ppb   |
| Strontium  | 88-1  | 18.74    | 18.70    | 18.88    | 18.77      | 0.50    | ppb   |
| Sulfur     | 34-1  | 2083.95  | 1961.23  | 2218.44  | 2087.87    | 6.16    | ppb   |
| Terbium    | 159-1 |          |          |          |            |         | %     |
| Terbium    | 159-2 |          |          |          |            |         | %     |
| Thallium   | 203-1 | -0.04    | -0.05    | -0.04    | -0.04      |         | ppb   |
| Thallium   | 205-1 | -0.04    | -0.03    | -0.04    | -0.04      |         | ppb   |
| Tin        | 118-1 | 0.00     | -0.02    | -0.02    | -0.01      |         | ppb   |
| Titanium   | 47-1  | 0.45     | 0.32     | 0.47     | 0.41       | 19.20   | ppb   |
| Uranium    | 238-1 | -0.06    | -0.05    | -0.06    | -0.06      |         | ppb   |
| Vanadium   | 51-2  | 0.04     | 0.06     | 0.04     | 0.05       | 25.69   | ppb   |
| Yttrium    | 89-1  |          |          |          |            |         | %     |
| Yttrium    | 89-2  |          |          |          |            |         | %     |
| Zinc       | 66-2  | 407.67   | 408.98   | 414.63   | 410.43     | 0.90    | ppb   |
| Zirconium  | 90-1  | 0.06     | 0.06     | 0.06     | 0.06       | 1.53    | ppb   |

|                         |                       |                   |                     |
|-------------------------|-----------------------|-------------------|---------------------|
| LB Number :             | LB88853               | Operator :        | Jaswal              |
| Lab Sample ID :         | I4278-09              | Instrumnet Name : | P7                  |
| Client Sample ID :      | DC3126-09-FL3-CL317-V | Dilution Factor : | 1                   |
| Date & Time Acquired :: | 2017-07-19 20:56:16   | DataFile Name :   | 132SMPL_P7071917 -M |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|-----------|------|---------|---------|---------|------------|---------|-------|
| Zirconium | 91-1 | 0.06    | 0.09    | 0.02    | 0.06       | 59.42   | ppb   |

LB Number : LB88853 Operator : Jaswal  
 Lab Sample ID : I4278-10 Instrumnet Name : P7  
 Client Sample ID : DC3126-10-FL3-CL317-V Dilution Factor : 1  
 Date & Time Acquired :: 2017-07-19 20:59:47 DataFile Name : 133SMPL\_P7071917 -M1

| Parameter  | Mass  | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|------------|-------|---------|---------|---------|------------|---------|-------|
| Aluminium  | 27-2  | 11.50   | 10.79   | 12.75   | 11.68      | 8.52    | ppb   |
| Antimony   | 121-1 | 0.05    | 0.05    | 0.05    | 0.05       | 7.88    | ppb   |
| Arsenic    | 75-2  | 0.38    | 0.40    | 0.33    | 0.37       | 10.18   | ppb   |
| Barium     | 135-1 | 15.70   | 16.90   | 16.35   | 16.31      | 3.68    | ppb   |
| Barium     | 137-1 | 16.68   | 16.26   | 16.50   | 16.48      | 1.26    | ppb   |
| Beryllium  | 9-1   | -0.03   | -0.03   | -0.05   | -0.04      |         | ppb   |
| Bismuth    | 209-1 |         |         |         |            |         | %     |
| Bismuth    | 209-2 |         |         |         |            |         | %     |
| Boron      | 10-1  | 5.82    | 9.65    | 7.01    | 7.49       | 26.20   | ppb   |
| Boron      | 11-1  | 7.53    | 8.61    | 8.10    | 8.08       | 6.65    | ppb   |
| Cadmium    | 111-1 | -0.32   | -0.46   | -0.40   | -0.39      |         | ppb   |
| Cadmium    | 106-1 | -3.93   | -5.69   | -4.90   | -4.84      |         | ppb   |
| Cadmium    | 108-1 | -0.11   | 0.00    | 0.01    | -0.04      |         | ppb   |
| Calcium    | 43-1  | 5129.70 | 5364.65 | 5236.74 | 5243.70    | 2.24    | ppb   |
| Calcium    | 44-1  | 5188.51 | 5359.12 | 5283.41 | 5277.01    | 1.62    | ppb   |
| Chromium   | 52-2  | 0.03    | 0.04    | 0.02    | 0.03       | 45.92   | ppb   |
| Cobalt     | 59-2  | -0.07   | -0.06   | -0.04   | -0.06      |         | ppb   |
| Copper     | 63-2  | 254.74  | 258.63  | 258.78  | 257.38     | 0.89    | 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  | 23.75   | 22.48   | 24.60   | 23.61      | 4.52    | ppb   |
| Iron       | 57-2  | 33.72   | 37.43   | 31.06   | 34.07      | 9.39    | ppb   |
| Lead       | 206-1 | 0.20    | 0.18    | 0.17    | 0.18       | 7.35    | ppb   |
| Lead       | 207-1 | 0.21    | 0.20    | 0.27    | 0.23       | 18.49   | ppb   |
| Lead       | 208-1 | 0.20    | 0.21    | 0.21    | 0.20       | 3.80    | ppb   |
| Lithium    | 6-1   |         |         |         |            |         | %     |
| Magnesium  | 24-2  | 1112.74 | 1145.95 | 1126.75 | 1128.48    | 1.48    | ppb   |
| Manganese  | 55-2  | 9.25    | 9.56    | 9.46    | 9.43       | 1.67    | ppb   |

LB Number : LB88853 Operator : Jaswal  
 Lab Sample ID : I4278-10 Instrumnet Name : P7  
 Client Sample ID : DC3126-10-FL3-CL317-V Dilution Factor : 1  
 Date & Time Acquired :: 2017-07-19 20:59:47 DataFile Name : 133SMPL\_P7071917 -M

| Parameter  | Mass  | ConRep1  | ConRep2  | ConRep3  | Avg. Conc. | ConcRSD | Units |
|------------|-------|----------|----------|----------|------------|---------|-------|
| Molybdenum | 94-1  | 0.04     | 0.05     | 0.02     | 0.04       | 41.68   | ppb   |
| Molybdenum | 95-1  | -0.02    | -0.02    | 0.00     | -0.01      |         | ppb   |
| Molybdenum | 96-1  | 0.00     | 0.01     | 0.00     | 0.00       | 461.77  | ppb   |
| Molybdenum | 97-1  | 0.00     | -0.01    | 0.03     | 0.01       | 228.19  | ppb   |
| Molybdenum | 98-1  | -0.01    | 0.00     | -0.01    | -0.01      |         | ppb   |
| Neodymium  | 150-1 |          |          |          |            |         | cps   |
| Neodymium  | 150-2 |          |          |          |            |         | cps   |
| Nickel     | 60-2  | -0.19    | -0.10    | -0.05    | -0.11      |         | ppb   |
| Phosphorus | 31-2  | 520.31   | 580.72   | 462.19   | 521.08     | 11.37   | ppb   |
| Potassium  | 39-2  | 551.15   | 549.39   | 544.29   | 548.28     | 0.65    | ppb   |
| Rhodium    | 103-1 |          |          |          |            |         | %     |
| Rhodium    | 103-2 |          |          |          |            |         | %     |
| Scandium   | 45-1  |          |          |          |            |         | %     |
| Scandium   | 45-2  |          |          |          |            |         | %     |
| Selenium   | 77-2  | 0.00     | 1.03     | 0.00     | 0.34       | 173.21  | ppb   |
| Selenium   | 78-2  | -1.03    | -0.85    | -1.22    | -1.03      |         | ppb   |
| Selenium   | 82-1  | 1.10     | -0.10    | 0.91     | 0.64       | 101.29  | ppb   |
| Silicon    | 28-1  | 887.22   | 914.09   | 910.18   | 903.83     | 1.61    | ppb   |
| Silver     | 109-1 | 0.04     | 0.04     | 0.05     | 0.04       | 10.33   | ppb   |
| Silver     | 107-1 | 0.05     | 0.05     | 0.05     | 0.05       | 1.08    | ppb   |
| Sodium     | 23-2  | 10283.99 | 10401.62 | 10438.64 | 10374.75   | 0.78    | ppb   |
| Strontium  | 86-1  | 18.50    | 18.68    | 19.18    | 18.79      | 1.87    | ppb   |
| Strontium  | 88-1  | 18.66    | 18.80    | 18.71    | 18.72      | 0.37    | ppb   |
| Sulfur     | 34-1  | 1913.67  | 2255.92  | 2473.68  | 2214.42    | 12.75   | ppb   |
| Terbium    | 159-1 |          |          |          |            |         | %     |
| Terbium    | 159-2 |          |          |          |            |         | %     |
| Thallium   | 203-1 | -0.04    | -0.04    | -0.05    | -0.04      |         | ppb   |
| Thallium   | 205-1 | -0.04    | -0.04    | -0.03    | -0.04      |         | ppb   |
| Tin        | 118-1 | -0.07    | -0.06    | 0.01     | -0.04      |         | ppb   |
| Titanium   | 47-1  | 0.52     | 0.34     | 0.34     | 0.40       | 26.38   | ppb   |
| Uranium    | 238-1 | -0.06    | -0.06    | -0.06    | -0.06      |         | ppb   |
| Vanadium   | 51-2  | 0.05     | 0.05     | 0.07     | 0.06       | 23.55   | ppb   |
| Yttrium    | 89-1  |          |          |          |            |         | %     |
| Yttrium    | 89-2  |          |          |          |            |         | %     |
| Zinc       | 66-2  | 23.47    | 24.25    | 24.00    | 23.91      | 1.67    | ppb   |
| Zirconium  | 90-1  | 0.04     | 0.04     | 0.05     | 0.04       | 15.71   | ppb   |



|                         |                       |                   |                     |
|-------------------------|-----------------------|-------------------|---------------------|
| LB Number :             | LB88853               | Operator :        | Jaswal              |
| Lab Sample ID :         | I4278-10              | Instrumnet Name : | P7                  |
| Client Sample ID :      | DC3126-10-FL3-CL317-V | Dilution Factor : | 1                   |
| Date & Time Acquired :: | 2017-07-19 20:59:47   | DataFile Name :   | 133SMPL_P7071917 -M |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|-----------|------|---------|---------|---------|------------|---------|-------|
| Zirconium | 91-1 | 0.04    | 0.02    | 0.05    | 0.04       | 30.99   | ppb   |

LB Number : LB88853 Operator : Jaswal  
 Lab Sample ID : I4278-11 Instrumnet Name : P7  
 Client Sample ID : DC3126-11-FL3-CL317-V Dilution Factor : 1  
 Date & Time Acquired :: 2017-07-19 21:03:19 DataFile Name : 134SMPL\_P7071917 -M

| Parameter  | Mass  | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|------------|-------|---------|---------|---------|------------|---------|-------|
| Aluminium  | 27-2  | 1.28    | 1.31    | 1.97    | 1.52       | 25.74   | ppb   |
| Antimony   | 121-1 | 0.01    | 0.00    | 0.01    | 0.01       | 75.29   | ppb   |
| Arsenic    | 75-2  | -0.03   | -0.04   | -0.02   | -0.03      |         | ppb   |
| Barium     | 135-1 | 0.04    | -0.04   | -0.01   | 0.00       |         | ppb   |
| Barium     | 137-1 | 0.03    | 0.05    | 0.00    | 0.03       | 102.76  | ppb   |
| Beryllium  | 9-1   | -0.01   | -0.04   | -0.05   | -0.03      |         | ppb   |
| Bismuth    | 209-1 |         |         |         |            |         | %     |
| Bismuth    | 209-2 |         |         |         |            |         | %     |
| Boron      | 10-1  | 9.72    | 7.99    | 10.01   | 9.24       | 11.80   | ppb   |
| Boron      | 11-1  | 9.25    | 9.11    | 10.42   | 9.59       | 7.49    | ppb   |
| Cadmium    | 111-1 | -0.40   | -0.34   | -0.40   | -0.38      |         | ppb   |
| Cadmium    | 106-1 | -4.88   | -4.10   | -4.89   | -4.62      |         | ppb   |
| Cadmium    | 108-1 | -0.11   | -0.11   | -0.11   | -0.11      |         | ppb   |
| Calcium    | 43-1  | 7982.29 | 7985.53 | 7842.42 | 7936.75    | 1.03    | ppb   |
| Calcium    | 44-1  | 7910.10 | 8065.72 | 7918.03 | 7964.61    | 1.10    | ppb   |
| Chromium   | 52-2  | -0.04   | -0.04   | -0.01   | -0.03      |         | ppb   |
| Cobalt     | 59-2  | -0.09   | -0.08   | -0.08   | -0.08      |         | ppb   |
| Copper     | 63-2  | 0.28    | 0.21    | 0.27    | 0.26       | 14.48   | ppb   |
| Dysprosium | 156-1 |         |         |         |            |         | cps   |
| Dysprosium | 156-2 |         |         |         |            |         | cps   |
| Erbium     | 164-1 |         |         |         |            |         | cps   |
| Erbium     | 164-2 |         |         |         |            |         | cps   |
| Gadolinium | 160-1 |         |         |         |            |         | cps   |
| Gadolinium | 160-2 |         |         |         |            |         | cps   |
| Holmium    | 165-1 |         |         |         |            |         | %     |
| Holmium    | 165-2 |         |         |         |            |         | %     |
| Indium     | 115-1 |         |         |         |            |         | %     |
| Indium     | 115-2 |         |         |         |            |         | %     |
| Iron       | 56-2  | 1.80    | 1.94    | 1.81    | 1.85       | 4.44    | ppb   |
| Iron       | 57-2  | 8.93    | 10.03   | 11.26   | 10.07      | 11.55   | ppb   |
| Lead       | 206-1 | -0.02   | -0.03   | -0.02   | -0.02      |         | 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  | 3252.75 | 3282.58 | 3292.51 | 3275.95    | 0.63    | ppb   |
| Manganese  | 55-2  | 0.27    | 0.31    | 0.17    | 0.25       | 29.89   | ppb   |

LB Number : LB88853 Operator : Jaswal  
 Lab Sample ID : I4278-11 Instrumnet Name : P7  
 Client Sample ID : DC3126-11-FL3-CL317-V Dilution Factor : 1  
 Date & Time Acquired :: 2017-07-19 21:03:19 DataFile Name : 134SMPL\_P7071917 -M

| Parameter  | Mass  | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|------------|-------|---------|---------|---------|------------|---------|-------|
| Molybdenum | 94-1  | 0.00    | -0.02   | 0.00    | -0.01      |         | ppb   |
| Molybdenum | 95-1  | -0.06   | -0.06   | -0.05   | -0.06      |         | ppb   |
| Molybdenum | 96-1  | -0.03   | -0.03   | -0.03   | -0.03      |         | ppb   |
| Molybdenum | 97-1  | -0.01   | 0.00    | -0.01   | -0.01      |         | ppb   |
| Molybdenum | 98-1  | -0.03   | -0.04   | -0.04   | -0.04      |         | ppb   |
| Neodymium  | 150-1 |         |         |         |            |         | cps   |
| Neodymium  | 150-2 |         |         |         |            |         | cps   |
| Nickel     | 60-2  | -0.51   | -0.55   | -0.56   | -0.54      |         | ppb   |
| Phosphorus | 31-2  | -22.39  | -6.07   | 10.36   | -6.03      |         | ppb   |
| Potassium  | 39-2  | 42.25   | 44.84   | 48.26   | 45.12      | 6.68    | ppb   |
| Rhodium    | 103-1 |         |         |         |            |         | %     |
| Rhodium    | 103-2 |         |         |         |            |         | %     |
| Scandium   | 45-1  |         |         |         |            |         | %     |
| Scandium   | 45-2  |         |         |         |            |         | %     |
| Selenium   | 77-2  | 0.00    | 0.00    | 0.97    | 0.32       | 173.21  | ppb   |
| Selenium   | 78-2  | -0.75   | -0.59   | 0.08    | -0.42      |         | ppb   |
| Selenium   | 82-1  | -0.18   | 0.74    | 0.02    | 0.19       | 252.00  | ppb   |
| Silicon    | 28-1  | 14.26   | 18.64   | 15.71   | 16.20      | 13.79   | ppb   |
| Silver     | 109-1 | 0.03    | 0.03    | 0.02    | 0.03       | 23.73   | ppb   |
| Silver     | 107-1 | 0.03    | 0.02    | 0.03    | 0.03       | 20.25   | ppb   |
| Sodium     | 23-2  | 6570.95 | 6622.67 | 6663.57 | 6619.06    | 0.70    | ppb   |
| Strontium  | 86-1  | 1.39    | 1.52    | 1.47    | 1.46       | 4.48    | ppb   |
| Strontium  | 88-1  | 1.41    | 1.33    | 1.33    | 1.36       | 3.23    | ppb   |
| Sulfur     | 34-1  | 5027.22 | 5375.91 | 5142.56 | 5181.90    | 3.43    | ppb   |
| Terbium    | 159-1 |         |         |         |            |         | %     |
| Terbium    | 159-2 |         |         |         |            |         | %     |
| Thallium   | 203-1 | -0.04   | -0.05   | -0.05   | -0.05      |         | ppb   |
| Thallium   | 205-1 | -0.04   | -0.04   | -0.04   | -0.04      |         | ppb   |
| Tin        | 118-1 | -0.07   | -0.09   | -0.11   | -0.09      |         | ppb   |
| Titanium   | 47-1  | 0.05    | 0.01    | -0.03   | 0.01       | 459.58  | ppb   |
| Uranium    | 238-1 | -0.07   | -0.07   | -0.06   | -0.07      |         | ppb   |
| Vanadium   | 51-2  | -0.01   | -0.02   | -0.02   | -0.02      |         | ppb   |
| Yttrium    | 89-1  |         |         |         |            |         | %     |
| Yttrium    | 89-2  |         |         |         |            |         | %     |
| Zinc       | 66-2  | 0.33    | 0.41    | 0.37    | 0.37       | 10.61   | ppb   |
| Zirconium  | 90-1  | -0.01   | -0.01   | -0.02   | -0.01      |         | ppb   |

|                         |                       |                   |                     |
|-------------------------|-----------------------|-------------------|---------------------|
| LB Number :             | LB88853               | Operator :        | Jaswal              |
| Lab Sample ID :         | I4278-11              | Instrumnet Name : | P7                  |
| Client Sample ID :      | DC3126-11-FL3-CL317-V | Dilution Factor : | 1                   |
| Date & Time Acquired :: | 2017-07-19 21:03:19   | DataFile Name :   | 134SMPL_P7071917 -M |

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

LB Number : LB88853 Operator : Jaswal  
 Lab Sample ID : I4278-12 Instrumnet Name : P7  
 Client Sample ID : DC3126-12-FL3-CL317-V Dilution Factor : 1  
 Date & Time Acquired :: 2017-07-19 21:06:51 DataFile Name : 135SMPL\_P7071917 -M1

| Parameter  | Mass  | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|------------|-------|---------|---------|---------|------------|---------|-------|
| Aluminium  | 27-2  | -0.19   | 0.68    | 0.46    | 0.31       | 144.27  | ppb   |
| Antimony   | 121-1 | 0.01    | 0.01    | 0.01    | 0.01       | 19.14   | ppb   |
| Arsenic    | 75-2  | 0.01    | -0.01   | -0.01   | 0.00       | 1713.59 | ppb   |
| Barium     | 135-1 | -0.02   | -0.03   | -0.05   | -0.03      |         | ppb   |
| Barium     | 137-1 | 0.01    | 0.01    | 0.04    | 0.02       | 95.46   | ppb   |
| Beryllium  | 9-1   | -0.03   | -0.05   | -0.06   | -0.04      |         | ppb   |
| Bismuth    | 209-1 |         |         |         |            |         | %     |
| Bismuth    | 209-2 |         |         |         |            |         | %     |
| Boron      | 10-1  | 11.04   | 7.97    | 9.70    | 9.57       | 16.08   | ppb   |
| Boron      | 11-1  | 8.37    | 9.69    | 9.76    | 9.27       | 8.46    | ppb   |
| Cadmium    | 111-1 | -0.42   | -0.37   | -0.44   | -0.41      |         | ppb   |
| Cadmium    | 106-1 | -5.05   | -4.49   | -5.38   | -4.97      |         | ppb   |
| Cadmium    | 108-1 | 0.00    | -0.08   | -0.08   | -0.05      |         | ppb   |
| Calcium    | 43-1  | 8125.37 | 7978.89 | 8046.14 | 8050.13    | 0.91    | ppb   |
| Calcium    | 44-1  | 7990.10 | 8047.93 | 8129.38 | 8055.80    | 0.87    | ppb   |
| Chromium   | 52-2  | -0.01   | 0.00    | -0.02   | -0.01      |         | ppb   |
| Cobalt     | 59-2  | -0.08   | -0.08   | -0.08   | -0.08      |         | ppb   |
| Copper     | 63-2  | 0.21    | 0.21    | 0.20    | 0.21       | 2.19    | 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  | 2.08    | 2.24    | 2.10    | 2.14       | 4.12    | ppb   |
| Iron       | 57-2  | 12.75   | 15.85   | 10.59   | 13.06      | 20.24   | ppb   |
| Lead       | 206-1 | -0.06   | 0.00    | -0.04   | -0.03      |         | ppb   |
| Lead       | 207-1 | -0.02   | -0.02   | -0.05   | -0.03      |         | ppb   |
| Lead       | 208-1 | -0.03   | -0.02   | -0.04   | -0.03      |         | ppb   |
| Lithium    | 6-1   |         |         |         |            |         | %     |
| Magnesium  | 24-2  | 3361.06 | 3314.10 | 3336.34 | 3337.17    | 0.70    | ppb   |
| Manganese  | 55-2  | 0.26    | 0.22    | 0.47    | 0.32       | 42.55   | ppb   |

|                         |                       |                   |                     |
|-------------------------|-----------------------|-------------------|---------------------|
| LB Number :             | LB88853               | Operator :        | Jaswal              |
| Lab Sample ID :         | I4278-12              | Instrumnet Name : | P7                  |
| Client Sample ID :      | DC3126-12-FL3-CL317-V | Dilution Factor : | 1                   |
| Date & Time Acquired :: | 2017-07-19 21:06:51   | DataFile Name :   | 135SMPL_P7071917 -M |

| Parameter  | Mass  | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|------------|-------|---------|---------|---------|------------|---------|-------|
| Molybdenum | 94-1  | -0.01   | 0.00    | -0.01   | -0.01      |         | ppb   |
| Molybdenum | 95-1  | -0.05   | -0.05   | -0.06   | -0.05      |         | ppb   |
| Molybdenum | 96-1  | -0.04   | -0.04   | -0.02   | -0.03      |         | ppb   |
| Molybdenum | 97-1  | -0.01   | -0.03   | -0.02   | -0.02      |         | ppb   |
| Molybdenum | 98-1  | -0.04   | -0.04   | -0.04   | -0.04      |         | ppb   |
| Neodymium  | 150-1 |         |         |         |            |         | cps   |
| Neodymium  | 150-2 |         |         |         |            |         | cps   |
| Nickel     | 60-2  | -0.56   | -0.62   | -0.43   | -0.54      |         | ppb   |
| Phosphorus | 31-2  | -18.01  | 6.61    | -9.84   | -7.08      |         | ppb   |
| Potassium  | 39-2  | 58.20   | 51.08   | 46.54   | 51.94      | 11.32   | ppb   |
| Rhodium    | 103-1 |         |         |         |            |         | %     |
| Rhodium    | 103-2 |         |         |         |            |         | %     |
| Scandium   | 45-1  |         |         |         |            |         | %     |
| Scandium   | 45-2  |         |         |         |            |         | %     |
| Selenium   | 77-2  | 0.00    | 0.00    | 0.00    | 0.00       | N/A     | ppb   |
| Selenium   | 78-2  | -0.59   | -1.18   | -1.35   | -1.04      |         | ppb   |
| Selenium   | 82-1  | 0.54    | 1.22    | 0.92    | 0.89       | 38.54   | ppb   |
| Silicon    | 28-1  | 15.12   | 14.84   | 15.71   | 15.22      | 2.93    | ppb   |
| Silver     | 109-1 | 0.04    | 0.02    | 0.03    | 0.03       | 34.18   | ppb   |
| Silver     | 107-1 | 0.02    | 0.02    | 0.03    | 0.02       | 9.54    | ppb   |
| Sodium     | 23-2  | 6654.17 | 6680.37 | 6652.16 | 6662.23    | 0.24    | ppb   |
| Strontium  | 86-1  | 1.44    | 1.58    | 1.55    | 1.52       | 4.96    | ppb   |
| Strontium  | 88-1  | 1.35    | 1.39    | 1.41    | 1.38       | 2.35    | ppb   |
| Sulfur     | 34-1  | 5090.75 | 5208.82 | 5342.71 | 5214.10    | 2.42    | ppb   |
| Terbium    | 159-1 |         |         |         |            |         | %     |
| Terbium    | 159-2 |         |         |         |            |         | %     |
| Thallium   | 203-1 | -0.04   | -0.05   | -0.04   | -0.04      |         | ppb   |
| Thallium   | 205-1 | -0.04   | -0.04   | -0.04   | -0.04      |         | ppb   |
| Tin        | 118-1 | -0.10   | -0.10   | -0.10   | -0.10      |         | ppb   |
| Titanium   | 47-1  | 0.00    | 0.04    | -0.03   | 0.00       | 3031.75 | ppb   |
| Uranium    | 238-1 | -0.06   | -0.07   | -0.07   | -0.07      |         | ppb   |
| Vanadium   | 51-2  | -0.01   | -0.02   | -0.01   | -0.01      |         | ppb   |
| Yttrium    | 89-1  |         |         |         |            |         | %     |
| Yttrium    | 89-2  |         |         |         |            |         | %     |
| Zinc       | 66-2  | 0.55    | 0.56    | 0.60    | 0.57       | 5.05    | ppb   |
| Zirconium  | 90-1  | -0.01   | -0.01   | -0.02   | -0.01      |         | ppb   |

|                         |                       |                   |                     |
|-------------------------|-----------------------|-------------------|---------------------|
| LB Number :             | LB88853               | Operator :        | Jaswal              |
| Lab Sample ID :         | I4278-12              | Instrumnet Name : | P7                  |
| Client Sample ID :      | DC3126-12-FL3-CL317-V | Dilution Factor : | 1                   |
| Date & Time Acquired :: | 2017-07-19 21:06:51   | DataFile Name :   | 135SMPL_P7071917 -M |

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

LB Number : LB88853 Operator : Jaswal  
 Lab Sample ID : I4278-13 Instrumnet Name : P7  
 Client Sample ID : DC3126-13-FL3-BRC SIN Dilution Factor : 1  
 Date & Time Acquired :: 2017-07-19 21:10:23 DataFile Name : 136SMPL\_P7071917 -M

| Parameter  | Mass  | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|------------|-------|---------|---------|---------|------------|---------|-------|
| Aluminium  | 27-2  | 13.15   | 16.28   | 15.93   | 15.12      | 11.34   | ppb   |
| Antimony   | 121-1 | 0.05    | 0.05    | 0.04    | 0.05       | 8.80    | ppb   |
| Arsenic    | 75-2  | 0.35    | 0.26    | 0.24    | 0.28       | 21.49   | ppb   |
| Barium     | 135-1 | 17.22   | 16.24   | 16.31   | 16.59      | 3.30    | ppb   |
| Barium     | 137-1 | 17.21   | 16.19   | 16.51   | 16.64      | 3.11    | ppb   |
| Beryllium  | 9-1   | -0.03   | -0.02   | -0.09   | -0.05      |         | ppb   |
| Bismuth    | 209-1 |         |         |         |            |         | %     |
| Bismuth    | 209-2 |         |         |         |            |         | %     |
| Boron      | 10-1  | 6.09    | 7.24    | 5.94    | 6.43       | 11.07   | ppb   |
| Boron      | 11-1  | 6.89    | 7.91    | 7.89    | 7.56       | 7.76    | ppb   |
| Cadmium    | 111-1 | -0.27   | -0.35   | -0.35   | -0.32      |         | ppb   |
| Cadmium    | 106-1 | -3.33   | -4.25   | -4.17   | -3.92      |         | ppb   |
| Cadmium    | 108-1 | -0.04   | -0.04   | -0.04   | -0.04      |         | ppb   |
| Calcium    | 43-1  | 5322.68 | 5236.49 | 5033.16 | 5197.44    | 2.86    | ppb   |
| Calcium    | 44-1  | 5413.29 | 5188.34 | 5127.77 | 5243.13    | 2.87    | ppb   |
| Chromium   | 52-2  | 0.09    | 0.01    | 0.00    | 0.03       | 159.72  | ppb   |
| Cobalt     | 59-2  | -0.06   | -0.03   | -0.06   | -0.05      |         | ppb   |
| Copper     | 63-2  | 242.84  | 235.99  | 229.30  | 236.04     | 2.87    | ppb   |
| Dysprosium | 156-1 |         |         |         |            |         | 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  | 36.30   | 35.63   | 34.15   | 35.36      | 3.10    | ppb   |
| Iron       | 57-2  | 42.41   | 38.74   | 47.99   | 43.05      | 10.82   | ppb   |
| Lead       | 206-1 | 0.44    | 0.39    | 0.40    | 0.41       | 6.42    | ppb   |
| Lead       | 207-1 | 0.41    | 0.38    | 0.36    | 0.38       | 7.48    | ppb   |
| Lead       | 208-1 | 0.44    | 0.40    | 0.40    | 0.41       | 5.69    | ppb   |
| Lithium    | 6-1   |         |         |         |            |         | %     |
| Magnesium  | 24-2  | 1156.17 | 1130.62 | 1114.23 | 1133.67    | 1.86    | ppb   |
| Manganese  | 55-2  | 12.73   | 11.58   | 11.87   | 12.06      | 4.94    | ppb   |



|                         |                      |                   |                     |
|-------------------------|----------------------|-------------------|---------------------|
| LB Number :             | LB88853              | Operator :        | Jaswal              |
| Lab Sample ID :         | I4278-13             | Instrumnet Name : | P7                  |
| Client Sample ID :      | DC3126-13-FL3-BRCSIN | Dilution Factor : | 1                   |
| Date & Time Acquired :: | 2017-07-19 21:10:23  | DataFile Name :   | 136SMPL_P7071917 -M |

| Parameter  | Mass  | ConRep1  | ConRep2  | ConRep3 | Avg. Conc. | ConcRSD | Units |
|------------|-------|----------|----------|---------|------------|---------|-------|
| Molybdenum | 94-1  | 0.05     | 0.03     | 0.06    | 0.05       | 25.07   | ppb   |
| Molybdenum | 95-1  | -0.02    | -0.03    | -0.02   | -0.02      |         | ppb   |
| Molybdenum | 96-1  | 0.01     | 0.01     | 0.00    | 0.00       | 87.98   | ppb   |
| Molybdenum | 97-1  | 0.01     | 0.02     | -0.01   | 0.01       | 215.27  | ppb   |
| Molybdenum | 98-1  | 0.01     | -0.01    | -0.01   | 0.00       |         | ppb   |
| Neodymium  | 150-1 |          |          |         |            |         | cps   |
| Neodymium  | 150-2 |          |          |         |            |         | cps   |
| Nickel     | 60-2  | 16.46    | 16.11    | 16.15   | 16.24      | 1.16    | ppb   |
| Phosphorus | 31-2  | 497.41   | 585.92   | 553.21  | 545.51     | 8.20    | ppb   |
| Potassium  | 39-2  | 545.97   | 547.14   | 527.76  | 540.29     | 2.01    | ppb   |
| Rhodium    | 103-1 |          |          |         |            |         | %     |
| Rhodium    | 103-2 |          |          |         |            |         | %     |
| Scandium   | 45-1  |          |          |         |            |         | %     |
| Scandium   | 45-2  |          |          |         |            |         | %     |
| Selenium   | 77-2  | 0.00     | 0.00     | 0.97    | 0.32       | 173.21  | ppb   |
| Selenium   | 78-2  | 1.59     | -0.58    | -0.39   | 0.21       | 578.25  | ppb   |
| Selenium   | 82-1  | 0.48     | 0.85     | 0.63    | 0.65       | 28.68   | ppb   |
| Silicon    | 28-1  | 934.61   | 885.10   | 883.99  | 901.23     | 3.21    | ppb   |
| Silver     | 109-1 | 0.04     | 0.05     | 0.03    | 0.04       | 17.88   | ppb   |
| Silver     | 107-1 | 0.04     | 0.04     | 0.03    | 0.04       | 5.12    | ppb   |
| Sodium     | 23-2  | 10476.52 | 10148.05 | 9998.28 | 10207.62   | 2.40    | ppb   |
| Strontium  | 86-1  | 19.11    | 18.29    | 18.04   | 18.48      | 3.03    | ppb   |
| Strontium  | 88-1  | 18.95    | 18.37    | 18.23   | 18.52      | 2.05    | ppb   |
| Sulfur     | 34-1  | 2806.98  | 1971.55  | 1937.71 | 2238.75    | 21.99   | ppb   |
| Terbium    | 159-1 |          |          |         |            |         | %     |
| Terbium    | 159-2 |          |          |         |            |         | %     |
| Thallium   | 203-1 | -0.03    | -0.03    | -0.03   | -0.03      |         | ppb   |
| Thallium   | 205-1 | -0.02    | -0.03    | -0.03   | -0.03      |         | ppb   |
| Tin        | 118-1 | -0.02    | -0.03    | -0.03   | -0.03      |         | ppb   |
| Titanium   | 47-1  | 0.55     | 0.31     | 0.29    | 0.38       | 37.94   | ppb   |
| Uranium    | 238-1 | -0.06    | -0.06    | -0.06   | -0.06      |         | ppb   |
| Vanadium   | 51-2  | 0.06     | 0.04     | 0.04    | 0.04       | 28.07   | ppb   |
| Yttrium    | 89-1  |          |          |         |            |         | %     |
| Yttrium    | 89-2  |          |          |         |            |         | %     |
| Zinc       | 66-2  | 381.87   | 370.94   | 366.95  | 373.25     | 2.07    | ppb   |
| Zirconium  | 90-1  | 0.04     | 0.06     | 0.05    | 0.05       | 15.92   | ppb   |

|                         |                       |                   |                     |
|-------------------------|-----------------------|-------------------|---------------------|
| LB Number :             | LB88853               | Operator :        | Jaswal              |
| Lab Sample ID :         | I4278-13              | Instrumnet Name : | P7                  |
| Client Sample ID :      | DC3126-13-FL3-BRC SIN | Dilution Factor : | 1                   |
| Date & Time Acquired :: | 2017-07-19 21:10:23   | DataFile Name :   | 136SMPL_P7071917 -M |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|-----------|------|---------|---------|---------|------------|---------|-------|
| Zirconium | 91-1 | 0.05    | 0.07    | 0.05    | 0.06       | 14.38   | ppb   |

LB Number : LB88853 Operator : Jaswal  
 Lab Sample ID : I4278-14 Instrumnet Name : P7  
 Client Sample ID : DC3126-14-FL3-BRC SIN Dilution Factor : 1  
 Date & Time Acquired :: 2017-07-19 21:13:54 DataFile Name : 137SMPL\_P7071917 -M

| Parameter  | Mass  | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|------------|-------|---------|---------|---------|------------|---------|-------|
| Aluminium  | 27-2  | 12.68   | 12.01   | 12.98   | 12.55      | 3.95    | ppb   |
| Antimony   | 121-1 | 0.04    | 0.05    | 0.04    | 0.04       | 7.42    | ppb   |
| Arsenic    | 75-2  | 0.29    | 0.26    | 0.20    | 0.25       | 18.64   | ppb   |
| Barium     | 135-1 | 17.45   | 16.43   | 17.38   | 17.09      | 3.34    | ppb   |
| Barium     | 137-1 | 17.71   | 17.06   | 17.13   | 17.30      | 2.06    | ppb   |
| Beryllium  | 9-1   | -0.04   | -0.07   | -0.05   | -0.05      |         | ppb   |
| Bismuth    | 209-1 |         |         |         |            |         | %     |
| Bismuth    | 209-2 |         |         |         |            |         | %     |
| Boron      | 10-1  | 5.80    | 9.52    | 6.99    | 7.44       | 25.55   | ppb   |
| Boron      | 11-1  | 6.77    | 6.81    | 7.34    | 6.97       | 4.54    | ppb   |
| Cadmium    | 111-1 | -0.23   | -0.40   | -0.39   | -0.34      |         | ppb   |
| Cadmium    | 106-1 | -2.65   | -4.95   | -4.79   | -4.13      |         | ppb   |
| Cadmium    | 108-1 | -0.07   | -0.11   | -0.11   | -0.10      |         | ppb   |
| Calcium    | 43-1  | 5362.77 | 5406.79 | 5215.95 | 5328.50    | 1.88    | ppb   |
| Calcium    | 44-1  | 5444.65 | 5317.83 | 5238.67 | 5333.72    | 1.95    | ppb   |
| Chromium   | 52-2  | 0.02    | 0.07    | 0.08    | 0.06       | 52.08   | ppb   |
| Cobalt     | 59-2  | -0.07   | -0.06   | -0.06   | -0.06      |         | ppb   |
| Copper     | 63-2  | 224.37  | 225.66  | 224.41  | 224.81     | 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  | 26.01   | 29.01   | 25.32   | 26.78      | 7.34    | ppb   |
| Iron       | 57-2  | 31.40   | 29.32   | 28.97   | 29.90      | 4.38    | ppb   |
| Lead       | 206-1 | 0.27    | 0.26    | 0.23    | 0.25       | 6.94    | ppb   |
| Lead       | 207-1 | 0.21    | 0.26    | 0.19    | 0.22       | 16.74   | ppb   |
| Lead       | 208-1 | 0.26    | 0.26    | 0.23    | 0.25       | 6.01    | ppb   |
| Lithium    | 6-1   |         |         |         |            |         | %     |
| Magnesium  | 24-2  | 1164.41 | 1154.73 | 1153.45 | 1157.53    | 0.52    | ppb   |
| Manganese  | 55-2  | 10.36   | 10.00   | 10.26   | 10.21      | 1.85    | ppb   |

|                         |                       |                   |                     |
|-------------------------|-----------------------|-------------------|---------------------|
| LB Number :             | LB88853               | Operator :        | Jaswal              |
| Lab Sample ID :         | I4278-14              | Instrumnet Name : | P7                  |
| Client Sample ID :      | DC3126-14-FL3-BRC SIN | Dilution Factor : | 1                   |
| Date & Time Acquired :: | 2017-07-19 21:13:54   | DataFile Name :   | 137SMPL_P7071917 -M |

| Parameter  | Mass  | ConRep1  | ConRep2  | ConRep3  | Avg. Conc. | ConcRSD | Units |
|------------|-------|----------|----------|----------|------------|---------|-------|
| Molybdenum | 94-1  | 0.04     | 0.02     | 0.01     | 0.02       | 57.43   | ppb   |
| Molybdenum | 95-1  | -0.01    | -0.03    | -0.04    | -0.03      |         | ppb   |
| Molybdenum | 96-1  | 0.01     | 0.00     | 0.02     | 0.01       | 133.96  | ppb   |
| Molybdenum | 97-1  | 0.02     | -0.01    | 0.04     | 0.01       | 155.29  | ppb   |
| Molybdenum | 98-1  | -0.01    | -0.01    | 0.00     | -0.01      |         | ppb   |
| Neodymium  | 150-1 |          |          |          |            |         | cps   |
| Neodymium  | 150-2 |          |          |          |            |         | cps   |
| Nickel     | 60-2  | 1.06     | 1.02     | 0.99     | 1.02       | 3.49    | ppb   |
| Phosphorus | 31-2  | 649.98   | 687.06   | 634.54   | 657.19     | 4.11    | ppb   |
| Potassium  | 39-2  | 546.90   | 557.65   | 541.94   | 548.83     | 1.46    | ppb   |
| Rhodium    | 103-1 |          |          |          |            |         | %     |
| Rhodium    | 103-2 |          |          |          |            |         | %     |
| Scandium   | 45-1  |          |          |          |            |         | %     |
| Scandium   | 45-2  |          |          |          |            |         | %     |
| Selenium   | 77-2  | 0.00     | 0.00     | 0.00     | 0.00       | N/A     | ppb   |
| Selenium   | 78-2  | 0.19     | -0.97    | -2.14    | -0.97      |         | ppb   |
| Selenium   | 82-1  | 0.35     | 0.56     | 0.85     | 0.59       | 43.15   | ppb   |
| Silicon    | 28-1  | 945.00   | 920.01   | 894.57   | 919.86     | 2.74    | ppb   |
| Silver     | 109-1 | 0.05     | 0.05     | 0.06     | 0.05       | 5.83    | ppb   |
| Silver     | 107-1 | 0.05     | 0.04     | 0.05     | 0.05       | 5.58    | ppb   |
| Sodium     | 23-2  | 10582.69 | 10583.20 | 10422.10 | 10529.33   | 0.88    | ppb   |
| Strontium  | 86-1  | 19.58    | 19.89    | 19.10    | 19.52      | 2.05    | ppb   |
| Strontium  | 88-1  | 19.49    | 19.35    | 19.06    | 19.30      | 1.14    | ppb   |
| Sulfur     | 34-1  | 2452.19  | 2434.92  | 2072.83  | 2319.98    | 9.23    | ppb   |
| Terbium    | 159-1 |          |          |          |            |         | %     |
| Terbium    | 159-2 |          |          |          |            |         | %     |
| Thallium   | 203-1 | -0.04    | -0.05    | -0.04    | -0.04      |         | ppb   |
| Thallium   | 205-1 | -0.04    | -0.04    | -0.04    | -0.04      |         | ppb   |
| Tin        | 118-1 | -0.06    | -0.07    | -0.06    | -0.07      |         | ppb   |
| Titanium   | 47-1  | 0.40     | 0.46     | 0.27     | 0.38       | 26.55   | ppb   |
| Uranium    | 238-1 | -0.06    | -0.06    | -0.06    | -0.06      |         | ppb   |
| Vanadium   | 51-2  | 0.08     | 0.08     | 0.08     | 0.08       | 2.06    | ppb   |
| Yttrium    | 89-1  |          |          |          |            |         | %     |
| Yttrium    | 89-2  |          |          |          |            |         | %     |
| Zinc       | 66-2  | 21.70    | 22.69    | 21.79    | 22.06      | 2.48    | ppb   |
| Zirconium  | 90-1  | 0.06     | 0.05     | 0.03     | 0.05       | 27.64   | ppb   |

|                         |                       |                   |                     |
|-------------------------|-----------------------|-------------------|---------------------|
| LB Number :             | LB88853               | Operator :        | Jaswal              |
| Lab Sample ID :         | I4278-14              | Instrumnet Name : | P7                  |
| Client Sample ID :      | DC3126-14-FL3-BRC SIN | Dilution Factor : | 1                   |
| Date & Time Acquired :: | 2017-07-19 21:13:54   | DataFile Name :   | 137SMPL_P7071917 -M |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|-----------|------|---------|---------|---------|------------|---------|-------|
| Zirconium | 91-1 | 0.03    | 0.10    | 0.05    | 0.06       | 60.73   | ppb   |

LB Number : LB88853 Operator : Jaswal  
 Lab Sample ID : I4278-15 Instrumnet Name : P7  
 Client Sample ID : DC3126-15-FL3-BRK-W2 Dilution Factor : 1  
 Date & Time Acquired :: 2017-07-19 21:17:25 DataFile Name : 138SMPL\_P7071917 -M1

| Parameter  | Mass  | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|------------|-------|---------|---------|---------|------------|---------|-------|
| Aluminium  | 27-2  | 17.35   | 20.10   | 16.91   | 18.12      | 9.54    | ppb   |
| Antimony   | 121-1 | 0.05    | 0.05    | 0.04    | 0.05       | 17.45   | ppb   |
| Arsenic    | 75-2  | 0.35    | 0.22    | 0.18    | 0.25       | 34.35   | ppb   |
| Barium     | 135-1 | 16.78   | 16.58   | 16.14   | 16.50      | 2.01    | ppb   |
| Barium     | 137-1 | 16.83   | 16.44   | 16.92   | 16.73      | 1.52    | ppb   |
| Beryllium  | 9-1   | -0.06   | -0.10   | -0.07   | -0.08      |         | ppb   |
| Bismuth    | 209-1 |         |         |         |            |         | %     |
| Bismuth    | 209-2 |         |         |         |            |         | %     |
| Boron      | 10-1  | 7.45    | 9.15    | 7.62    | 8.08       | 11.62   | ppb   |
| Boron      | 11-1  | 7.71    | 8.00    | 7.50    | 7.74       | 3.26    | ppb   |
| Cadmium    | 111-1 | -0.35   | -0.43   | -0.33   | -0.37      |         | ppb   |
| Cadmium    | 106-1 | -4.35   | -5.30   | -4.15   | -4.60      |         | ppb   |
| Cadmium    | 108-1 | 0.00    | 0.08    | 0.04    | 0.04       | 96.06   | ppb   |
| Calcium    | 43-1  | 5230.66 | 5240.06 | 5284.74 | 5251.82    | 0.55    | ppb   |
| Calcium    | 44-1  | 5276.77 | 5228.52 | 5286.86 | 5264.05    | 0.59    | ppb   |
| Chromium   | 52-2  | 0.11    | 0.09    | -0.03   | 0.06       | 127.92  | ppb   |
| Cobalt     | 59-2  | -0.04   | -0.01   | -0.02   | -0.02      |         | ppb   |
| Copper     | 63-2  | 247.17  | 247.02  | 250.04  | 248.08     | 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  | 56.48   | 57.40   | 57.20   | 57.02      | 0.85    | ppb   |
| Iron       | 57-2  | 58.37   | 57.83   | 66.53   | 60.91      | 8.00    | ppb   |
| Lead       | 206-1 | 1.02    | 0.97    | 0.97    | 0.99       | 2.87    | ppb   |
| Lead       | 207-1 | 0.79    | 0.84    | 0.85    | 0.83       | 3.97    | ppb   |
| Lead       | 208-1 | 0.92    | 0.94    | 0.90    | 0.92       | 1.83    | ppb   |
| Lithium    | 6-1   |         |         |         |            |         | %     |
| Magnesium  | 24-2  | 1171.00 | 1159.64 | 1202.65 | 1177.77    | 1.89    | ppb   |
| Manganese  | 55-2  | 13.32   | 12.90   | 13.37   | 13.19      | 1.95    | ppb   |

LB Number : LB88853 Operator : Jaswal  
 Lab Sample ID : I4278-15 Instrumnet Name : P7  
 Client Sample ID : DC3126-15-FL3-BRK-W2 Dilution Factor : 1  
 Date & Time Acquired :: 2017-07-19 21:17:25 DataFile Name : 138SMPL\_P7071917 -M

| Parameter  | Mass  | ConRep1  | ConRep2  | ConRep3  | Avg. Conc. | ConcRSD | Units |
|------------|-------|----------|----------|----------|------------|---------|-------|
| Molybdenum | 94-1  | 0.03     | 0.05     | 0.03     | 0.04       | 29.11   | ppb   |
| Molybdenum | 95-1  | -0.02    | -0.02    | -0.03    | -0.02      |         | ppb   |
| Molybdenum | 96-1  | 0.02     | 0.00     | -0.01    | 0.00       | 2051.33 | ppb   |
| Molybdenum | 97-1  | 0.01     | 0.00     | 0.05     | 0.02       | 139.75  | ppb   |
| Molybdenum | 98-1  | -0.02    | 0.00     | 0.00     | -0.01      |         | ppb   |
| Neodymium  | 150-1 |          |          |          |            |         | cps   |
| Neodymium  | 150-2 |          |          |          |            |         | cps   |
| Nickel     | 60-2  | 5.49     | 5.67     | 5.84     | 5.66       | 3.08    | ppb   |
| Phosphorus | 31-2  | 478.14   | 623.21   | 545.40   | 548.92     | 13.23   | ppb   |
| Potassium  | 39-2  | 560.40   | 582.07   | 597.96   | 580.14     | 3.25    | ppb   |
| Rhodium    | 103-1 |          |          |          |            |         | %     |
| Rhodium    | 103-2 |          |          |          |            |         | %     |
| Scandium   | 45-1  |          |          |          |            |         | %     |
| Scandium   | 45-2  |          |          |          |            |         | %     |
| Selenium   | 77-2  | 0.00     | 0.00     | 0.00     | 0.00       | N/A     | ppb   |
| Selenium   | 78-2  | -0.16    | -0.73    | -1.90    | -0.93      |         | ppb   |
| Selenium   | 82-1  | 1.16     | -0.17    | 1.30     | 0.76       | 106.62  | ppb   |
| Silicon    | 28-1  | 930.64   | 926.08   | 926.50   | 927.74     | 0.27    | ppb   |
| Silver     | 109-1 | 0.03     | 0.05     | 0.04     | 0.04       | 24.16   | ppb   |
| Silver     | 107-1 | 0.04     | 0.04     | 0.05     | 0.04       | 21.18   | ppb   |
| Sodium     | 23-2  | 10400.52 | 10427.12 | 10450.75 | 10426.13   | 0.24    | ppb   |
| Strontium  | 86-1  | 18.91    | 18.29    | 18.45    | 18.55      | 1.74    | ppb   |
| Strontium  | 88-1  | 18.56    | 18.47    | 18.57    | 18.53      | 0.31    | ppb   |
| Sulfur     | 34-1  | 2099.62  | 1961.80  | 2059.65  | 2040.35    | 3.48    | ppb   |
| Terbium    | 159-1 |          |          |          |            |         | %     |
| Terbium    | 159-2 |          |          |          |            |         | %     |
| Thallium   | 203-1 | -0.03    | -0.03    | -0.03    | -0.03      |         | ppb   |
| Thallium   | 205-1 | -0.02    | -0.02    | -0.01    | -0.02      |         | ppb   |
| Tin        | 118-1 | 0.00     | 0.01     | 0.01     | 0.00       | 172.81  | ppb   |
| Titanium   | 47-1  | 0.57     | 0.47     | 0.73     | 0.59       | 22.30   | ppb   |
| Uranium    | 238-1 | -0.05    | -0.06    | -0.06    | -0.06      |         | ppb   |
| Vanadium   | 51-2  | 0.07     | 0.08     | 0.03     | 0.06       | 43.40   | ppb   |
| Yttrium    | 89-1  |          |          |          |            |         | %     |
| Yttrium    | 89-2  |          |          |          |            |         | %     |
| Zinc       | 66-2  | 488.72   | 489.26   | 493.92   | 490.63     | 0.58    | ppb   |
| Zirconium  | 90-1  | 0.04     | 0.03     | 0.03     | 0.04       | 19.34   | ppb   |

|                         |                      |                   |                      |
|-------------------------|----------------------|-------------------|----------------------|
| LB Number :             | LB88853              | Operator :        | Jaswal               |
| Lab Sample ID :         | I4278-15             | Instrumnet Name : | P7                   |
| Client Sample ID :      | DC3126-15-FL3-BRK-W2 | Dilution Factor : | 1                    |
| Date & Time Acquired :: | 2017-07-19 21:17:25  | DataFile Name :   | 138SMPL_P7071917 -M1 |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|-----------|------|---------|---------|---------|------------|---------|-------|
| Zirconium | 91-1 | 0.06    | 4.49    | 0.02    | 1.52       | 168.64  | ppb   |



LB Number : LB88853 Operator : Jaswal  
 Lab Sample ID : I4278-16 Instrumnet Name : P7  
 Client Sample ID : DC3126-16-FL3-BRK-W2 Dilution Factor : 1  
 Date & Time Acquired :: 2017-07-19 21:20:57 DataFile Name : 139SMPL\_P7071917 -M1

| Parameter  | Mass  | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|------------|-------|---------|---------|---------|------------|---------|-------|
| Aluminium  | 27-2  | 12.76   | 12.58   | 32.28   | 19.21      | 58.95   | ppb   |
| Antimony   | 121-1 | 0.04    | 0.05    | 0.04    | 0.05       | 8.85    | ppb   |
| Arsenic    | 75-2  | 0.18    | 0.14    | 0.26    | 0.19       | 33.50   | ppb   |
| Barium     | 135-1 | 16.24   | 15.81   | 16.15   | 16.07      | 1.41    | ppb   |
| Barium     | 137-1 | 16.46   | 16.44   | 16.18   | 16.36      | 0.94    | ppb   |
| Beryllium  | 9-1   | -0.04   | -0.07   | -0.04   | -0.05      |         | ppb   |
| Bismuth    | 209-1 |         |         |         |            |         | %     |
| Bismuth    | 209-2 |         |         |         |            |         | %     |
| Boron      | 10-1  | 7.00    | 6.23    | 9.51    | 7.58       | 22.66   | ppb   |
| Boron      | 11-1  | 6.74    | 7.41    | 6.27    | 6.80       | 8.40    | ppb   |
| Cadmium    | 111-1 | -0.34   | -0.37   | -0.43   | -0.38      |         | ppb   |
| Cadmium    | 106-1 | -4.04   | -4.42   | -5.35   | -4.60      |         | ppb   |
| Cadmium    | 108-1 | 0.05    | 0.05    | 0.01    | 0.03       | 71.48   | ppb   |
| Calcium    | 43-1  | 5290.06 | 5282.26 | 5214.27 | 5262.20    | 0.79    | ppb   |
| Calcium    | 44-1  | 5288.54 | 5274.01 | 5196.51 | 5253.02    | 0.94    | ppb   |
| Chromium   | 52-2  | 0.10    | 0.04    | 0.04    | 0.06       | 60.66   | ppb   |
| Cobalt     | 59-2  | -0.07   | -0.06   | -0.06   | -0.07      |         | ppb   |
| Copper     | 63-2  | 225.58  | 227.03  | 232.24  | 228.28     | 1.54    | 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  | 28.50   | 29.38   | 29.15   | 29.01      | 1.57    | ppb   |
| Iron       | 57-2  | 29.09   | 35.90   | 40.14   | 35.04      | 15.90   | ppb   |
| Lead       | 206-1 | 0.30    | 0.29    | 0.29    | 0.29       | 2.38    | ppb   |
| Lead       | 207-1 | 0.30    | 0.28    | 0.23    | 0.27       | 12.76   | ppb   |
| Lead       | 208-1 | 0.29    | 0.30    | 0.27    | 0.29       | 4.78    | ppb   |
| Lithium    | 6-1   |         |         |         |            |         | %     |
| Magnesium  | 24-2  | 1102.78 | 1117.69 | 1118.28 | 1112.91    | 0.79    | ppb   |
| Manganese  | 55-2  | 12.15   | 11.84   | 11.93   | 11.97      | 1.32    | ppb   |

LB Number : LB88853 Operator : Jaswal  
 Lab Sample ID : I4278-16 Instrumnet Name : P7  
 Client Sample ID : DC3126-16-FL3-BRK-W2 Dilution Factor : 1  
 Date & Time Acquired :: 2017-07-19 21:20:57 DataFile Name : 139SMPL\_P7071917 -M

| Parameter  | Mass  | ConRep1  | ConRep2  | ConRep3  | Avg. Conc. | ConcRSD | Units |
|------------|-------|----------|----------|----------|------------|---------|-------|
| Molybdenum | 94-1  | 0.03     | 0.03     | 0.04     | 0.03       | 18.30   | ppb   |
| Molybdenum | 95-1  | -0.02    | -0.03    | -0.03    | -0.03      |         | ppb   |
| Molybdenum | 96-1  | 0.01     | 0.00     | 0.03     | 0.01       | 92.05   | ppb   |
| Molybdenum | 97-1  | 0.03     | 0.01     | -0.01    | 0.01       | 168.34  | ppb   |
| Molybdenum | 98-1  | -0.02    | -0.01    | -0.02    | -0.02      |         | ppb   |
| Neodymium  | 150-1 |          |          |          |            |         | cps   |
| Neodymium  | 150-2 |          |          |          |            |         | cps   |
| Nickel     | 60-2  | -0.11    | -0.23    | -0.19    | -0.18      |         | ppb   |
| Phosphorus | 31-2  | 612.64   | 618.73   | 580.05   | 603.81     | 3.44    | ppb   |
| Potassium  | 39-2  | 535.70   | 534.04   | 537.46   | 535.73     | 0.32    | ppb   |
| Rhodium    | 103-1 |          |          |          |            |         | %     |
| Rhodium    | 103-2 |          |          |          |            |         | %     |
| Scandium   | 45-1  |          |          |          |            |         | %     |
| Scandium   | 45-2  |          |          |          |            |         | %     |
| Selenium   | 77-2  | 0.00     | 0.00     | 0.00     | 0.00       | N/A     | ppb   |
| Selenium   | 78-2  | -0.39    | -0.39    | -0.05    | -0.28      |         | ppb   |
| Selenium   | 82-1  | 0.77     | 0.98     | -0.13    | 0.54       | 109.92  | ppb   |
| Silicon    | 28-1  | 911.63   | 907.46   | 894.48   | 904.52     | 0.99    | ppb   |
| Silver     | 109-1 | 0.05     | 0.06     | 0.06     | 0.06       | 7.26    | ppb   |
| Silver     | 107-1 | 0.04     | 0.05     | 0.05     | 0.05       | 12.94   | ppb   |
| Sodium     | 23-2  | 10245.63 | 10375.32 | 10453.96 | 10358.30   | 1.02    | ppb   |
| Strontium  | 86-1  | 19.32    | 19.18    | 18.49    | 19.00      | 2.33    | ppb   |
| Strontium  | 88-1  | 18.75    | 19.22    | 18.62    | 18.86      | 1.67    | ppb   |
| Sulfur     | 34-1  | 2352.76  | 2577.86  | 2317.98  | 2416.20    | 5.84    | ppb   |
| Terbium    | 159-1 |          |          |          |            |         | %     |
| Terbium    | 159-2 |          |          |          |            |         | %     |
| Thallium   | 203-1 | -0.04    | -0.04    | -0.05    | -0.04      |         | ppb   |
| Thallium   | 205-1 | -0.04    | -0.03    | -0.04    | -0.04      |         | ppb   |
| Tin        | 118-1 | -0.09    | -0.09    | -0.08    | -0.09      |         | ppb   |
| Titanium   | 47-1  | 1.34     | 0.27     | 0.32     | 0.64       | 94.80   | ppb   |
| Uranium    | 238-1 | -0.06    | -0.06    | -0.06    | -0.06      |         | ppb   |
| Vanadium   | 51-2  | 0.06     | 0.08     | 0.08     | 0.07       | 17.64   | ppb   |
| Yttrium    | 89-1  |          |          |          |            |         | %     |
| Yttrium    | 89-2  |          |          |          |            |         | %     |
| Zinc       | 66-2  | 22.93    | 22.71    | 23.62    | 23.08      | 2.05    | ppb   |
| Zirconium  | 90-1  | 0.02     | 0.03     | 0.04     | 0.03       | 33.67   | ppb   |

|                         |                      |                   |                      |
|-------------------------|----------------------|-------------------|----------------------|
| LB Number :             | LB88853              | Operator :        | Jaswal               |
| Lab Sample ID :         | I4278-16             | Instrumnet Name : | P7                   |
| Client Sample ID :      | DC3126-16-FL3-BRK-W2 | Dilution Factor : | 1                    |
| Date & Time Acquired :: | 2017-07-19 21:20:57  | DataFile Name :   | 139SMPL_P7071917 -M1 |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|-----------|------|---------|---------|---------|------------|---------|-------|
| Zirconium | 91-1 | 0.04    | 0.01    | 0.04    | 0.03       | 49.24   | ppb   |

LB Number : LB88853 Operator : Jaswal  
 Lab Sample ID : I4278-17 Instrumnet Name : P7  
 Client Sample ID : DC3126-17-FL3-BRK-W2 Dilution Factor : 1  
 Date & Time Acquired :: 2017-07-19 21:24:29 DataFile Name : 140SMPL\_P7071917 -M8

| Parameter  | Mass  | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|------------|-------|---------|---------|---------|------------|---------|-------|
| Aluminium  | 27-2  | 23.19   | 32.59   | 24.16   | 26.64      | 19.40   | ppb   |
| Antimony   | 121-1 | 0.05    | 0.05    | 0.04    | 0.05       | 4.77    | ppb   |
| Arsenic    | 75-2  | 0.37    | 0.28    | 0.33    | 0.33       | 13.87   | ppb   |
| Barium     | 135-1 | 16.97   | 16.27   | 16.81   | 16.68      | 2.19    | ppb   |
| Barium     | 137-1 | 17.01   | 17.23   | 17.01   | 17.08      | 0.76    | ppb   |
| Beryllium  | 9-1   | -0.08   | -0.05   | 0.04    | -0.03      |         | ppb   |
| Bismuth    | 209-1 |         |         |         |            |         | %     |
| Bismuth    | 209-2 |         |         |         |            |         | %     |
| Boron      | 10-1  | 5.78    | 5.20    | 8.03    | 6.33       | 23.62   | ppb   |
| Boron      | 11-1  | 7.61    | 7.63    | 7.14    | 7.46       | 3.72    | ppb   |
| Cadmium    | 111-1 | -0.40   | -0.37   | -0.39   | -0.39      |         | ppb   |
| Cadmium    | 106-1 | -4.70   | -4.70   | -4.91   | -4.77      |         | ppb   |
| Cadmium    | 108-1 | 0.28    | -0.07   | 0.12    | 0.11       | 161.79  | ppb   |
| Calcium    | 43-1  | 5305.00 | 5271.54 | 5236.19 | 5270.91    | 0.65    | ppb   |
| Calcium    | 44-1  | 5292.07 | 5221.09 | 5263.35 | 5258.84    | 0.68    | ppb   |
| Chromium   | 52-2  | 0.02    | 0.07    | 0.01    | 0.03       | 99.29   | ppb   |
| Cobalt     | 59-2  | 0.01    | 0.00    | 0.02    | 0.01       | 66.87   | ppb   |
| Copper     | 63-2  | 291.58  | 288.59  | 291.71  | 290.63     | 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  | 77.20   | 77.74   | 76.24   | 77.06      | 0.99    | ppb   |
| Iron       | 57-2  | 84.12   | 85.16   | 83.19   | 84.16      | 1.17    | ppb   |
| Lead       | 206-1 | 1.74    | 1.67    | 1.72    | 1.71       | 2.15    | ppb   |
| Lead       | 207-1 | 1.59    | 1.56    | 1.67    | 1.61       | 3.63    | ppb   |
| Lead       | 208-1 | 1.64    | 1.60    | 1.65    | 1.63       | 1.78    | ppb   |
| Lithium    | 6-1   |         |         |         |            |         | %     |
| Magnesium  | 24-2  | 1154.61 | 1185.14 | 1172.50 | 1170.75    | 1.31    | ppb   |
| Manganese  | 55-2  | 17.86   | 17.89   | 18.20   | 17.98      | 1.06    | ppb   |

|                         |                      |                   |                      |
|-------------------------|----------------------|-------------------|----------------------|
| LB Number :             | LB88853              | Operator :        | Jaswal               |
| Lab Sample ID :         | I4278-17             | Instrumnet Name : | P7                   |
| Client Sample ID :      | DC3126-17-FL3-BRK-W2 | Dilution Factor : | 1                    |
| Date & Time Acquired :: | 2017-07-19 21:24:29  | DataFile Name :   | 140SMPL_P7071917 -M1 |

| Parameter  | Mass  | ConRep1  | ConRep2  | ConRep3  | Avg. Conc. | ConcRSD | Units |
|------------|-------|----------|----------|----------|------------|---------|-------|
| Molybdenum | 94-1  | 0.03     | 0.05     | 0.03     | 0.04       | 26.77   | ppb   |
| Molybdenum | 95-1  | -0.02    | -0.04    | -0.03    | -0.03      |         | ppb   |
| Molybdenum | 96-1  | 0.00     | 0.01     | 0.00     | 0.00       | 207.43  | ppb   |
| Molybdenum | 97-1  | -0.01    | -0.02    | 0.03     | 0.00       |         | ppb   |
| Molybdenum | 98-1  | -0.02    | 0.00     | 0.00     | -0.01      |         | ppb   |
| Neodymium  | 150-1 |          |          |          |            |         | cps   |
| Neodymium  | 150-2 |          |          |          |            |         | cps   |
| Nickel     | 60-2  | 7.44     | 7.20     | 7.75     | 7.47       | 3.66    | ppb   |
| Phosphorus | 31-2  | 591.96   | 574.40   | 545.50   | 570.62     | 4.11    | ppb   |
| Potassium  | 39-2  | 575.80   | 570.51   | 584.25   | 576.86     | 1.20    | ppb   |
| Rhodium    | 103-1 |          |          |          |            |         | %     |
| Rhodium    | 103-2 |          |          |          |            |         | %     |
| Scandium   | 45-1  |          |          |          |            |         | %     |
| Scandium   | 45-2  |          |          |          |            |         | %     |
| Selenium   | 77-2  | 0.00     | 0.00     | 0.00     | 0.00       | N/A     | ppb   |
| Selenium   | 78-2  | -0.03    | 1.21     | -0.67    | 0.17       | 568.67  | ppb   |
| Selenium   | 82-1  | 0.94     | 0.20     | 0.26     | 0.47       | 88.59   | ppb   |
| Silicon    | 28-1  | 936.02   | 914.07   | 915.09   | 921.73     | 1.34    | ppb   |
| Silver     | 109-1 | 0.04     | 0.06     | 0.05     | 0.05       | 12.71   | ppb   |
| Silver     | 107-1 | 0.07     | 0.07     | 0.06     | 0.06       | 6.85    | ppb   |
| Sodium     | 23-2  | 10268.01 | 10141.69 | 10325.00 | 10244.90   | 0.92    | ppb   |
| Strontium  | 86-1  | 18.57    | 19.00    | 19.10    | 18.89      | 1.47    | ppb   |
| Strontium  | 88-1  | 18.80    | 18.52    | 18.96    | 18.76      | 1.19    | ppb   |
| Sulfur     | 34-1  | 2330.70  | 2318.23  | 2493.61  | 2380.85    | 4.11    | ppb   |
| Terbium    | 159-1 |          |          |          |            |         | %     |
| Terbium    | 159-2 |          |          |          |            |         | %     |
| Thallium   | 203-1 | -0.03    | -0.05    | -0.03    | -0.04      |         | ppb   |
| Thallium   | 205-1 | -0.03    | -0.03    | -0.03    | -0.03      |         | ppb   |
| Tin        | 118-1 | 0.08     | 0.05     | 0.08     | 0.07       | 20.95   | ppb   |
| Titanium   | 47-1  | 0.49     | 0.65     | 0.49     | 0.54       | 16.44   | ppb   |
| Uranium    | 238-1 | -0.05    | -0.06    | -0.06    | -0.06      |         | ppb   |
| Vanadium   | 51-2  | 0.08     | 0.04     | 0.07     | 0.06       | 37.05   | ppb   |
| Yttrium    | 89-1  |          |          |          |            |         | %     |
| Yttrium    | 89-2  |          |          |          |            |         | %     |
| Zinc       | 66-2  | 482.77   | 479.72   | 487.98   | 483.49     | 0.86    | ppb   |
| Zirconium  | 90-1  | 0.05     | 0.03     | 0.04     | 0.04       | 16.56   | ppb   |

|                         |                      |                   |                     |
|-------------------------|----------------------|-------------------|---------------------|
| LB Number :             | LB88853              | Operator :        | Jaswal              |
| Lab Sample ID :         | I4278-17             | Instrumnet Name : | P7                  |
| Client Sample ID :      | DC3126-17-FL3-BRK-W2 | Dilution Factor : | 1                   |
| Date & Time Acquired :: | 2017-07-19 21:24:29  | DataFile Name :   | 140SMPL_P7071917 -M |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|-----------|------|---------|---------|---------|------------|---------|-------|
| Zirconium | 91-1 | 0.02    | 0.02    | 0.03    | 0.02       | 31.02   | ppb   |

LB Number : LB88853 Operator : Jaswal  
 Lab Sample ID : I4278-18 Instrumnet Name : P7  
 Client Sample ID : DC3126-18-FL3-BRK-W2 Dilution Factor : 1  
 Date & Time Acquired :: 2017-07-19 21:28:01 DataFile Name : 141SMPL\_P7071917 -M1

| Parameter  | Mass  | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|------------|-------|---------|---------|---------|------------|---------|-------|
| Aluminium  | 27-2  | 32.13   | 20.63   | 21.08   | 24.62      | 26.46   | ppb   |
| Antimony   | 121-1 | 0.06    | 0.06    | 0.05    | 0.06       | 8.16    | ppb   |
| Arsenic    | 75-2  | 0.31    | 0.24    | 0.22    | 0.25       | 18.42   | ppb   |
| Barium     | 135-1 | 16.09   | 16.22   | 15.96   | 16.09      | 0.79    | ppb   |
| Barium     | 137-1 | 16.25   | 15.95   | 16.09   | 16.10      | 0.95    | ppb   |
| Beryllium  | 9-1   | -0.09   | 0.03    | -0.08   | -0.05      |         | ppb   |
| Bismuth    | 209-1 |         |         |         |            |         | %     |
| Bismuth    | 209-2 |         |         |         |            |         | %     |
| Boron      | 10-1  | 8.57    | 6.36    | 7.65    | 7.53       | 14.78   | ppb   |
| Boron      | 11-1  | 7.00    | 6.68    | 7.21    | 6.96       | 3.83    | ppb   |
| Cadmium    | 111-1 | -0.31   | -0.41   | -0.44   | -0.39      |         | ppb   |
| Cadmium    | 106-1 | -3.90   | -5.30   | -5.54   | -4.91      |         | ppb   |
| Cadmium    | 108-1 | -0.04   | -0.03   | 0.01    | -0.02      |         | ppb   |
| Calcium    | 43-1  | 5193.42 | 5239.54 | 5319.55 | 5250.84    | 1.22    | ppb   |
| Calcium    | 44-1  | 5262.41 | 5243.24 | 5300.24 | 5268.63    | 0.55    | ppb   |
| Chromium   | 52-2  | 0.08    | 0.00    | 0.06    | 0.05       | 94.91   | ppb   |
| Cobalt     | 59-2  | -0.02   | -0.02   | -0.01   | -0.02      |         | ppb   |
| Copper     | 63-2  | 301.16  | 310.88  | 311.61  | 307.88     | 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  | 73.42   | 76.02   | 75.73   | 75.06      | 1.90    | ppb   |
| Iron       | 57-2  | 77.29   | 81.43   | 75.64   | 78.12      | 3.82    | ppb   |
| Lead       | 206-1 | 1.08    | 1.17    | 1.07    | 1.11       | 5.33    | ppb   |
| Lead       | 207-1 | 1.02    | 1.04    | 1.07    | 1.04       | 2.63    | ppb   |
| Lead       | 208-1 | 1.05    | 1.12    | 1.07    | 1.08       | 3.42    | ppb   |
| Lithium    | 6-1   |         |         |         |            |         | %     |
| Magnesium  | 24-2  | 1149.55 | 1199.52 | 1219.64 | 1189.57    | 3.03    | ppb   |
| Manganese  | 55-2  | 15.82   | 16.17   | 17.09   | 16.36      | 4.00    | ppb   |

LB Number : LB88853 Operator : Jaswal  
 Lab Sample ID : I4278-18 Instrumnet Name : P7  
 Client Sample ID : DC3126-18-FL3-BRK-W2 Dilution Factor : 1  
 Date & Time Acquired :: 2017-07-19 21:28:01 DataFile Name : 141SMPL\_P7071917 -M

| Parameter  | Mass  | ConRep1  | ConRep2  | ConRep3  | Avg. Conc. | ConcRSD  | Units |
|------------|-------|----------|----------|----------|------------|----------|-------|
| Molybdenum | 94-1  | 0.02     | 0.04     | 0.04     | 0.03       | 39.61    | ppb   |
| Molybdenum | 95-1  | -0.01    | -0.04    | -0.03    | -0.03      |          | ppb   |
| Molybdenum | 96-1  | -0.01    | 0.00     | 0.00     | 0.00       | 11088.79 | ppb   |
| Molybdenum | 97-1  | 0.00     | 0.02     | 0.02     | 0.01       | 116.41   | ppb   |
| Molybdenum | 98-1  | -0.02    | -0.02    | 0.00     | -0.01      |          | ppb   |
| Neodymium  | 150-1 |          |          |          |            |          | cps   |
| Neodymium  | 150-2 |          |          |          |            |          | cps   |
| Nickel     | 60-2  | 0.19     | 0.11     | 0.21     | 0.17       | 32.59    | ppb   |
| Phosphorus | 31-2  | 636.25   | 675.69   | 622.58   | 644.84     | 4.28     | ppb   |
| Potassium  | 39-2  | 539.01   | 559.24   | 571.28   | 556.51     | 2.93     | ppb   |
| Rhodium    | 103-1 |          |          |          |            |          | %     |
| Rhodium    | 103-2 |          |          |          |            |          | %     |
| Scandium   | 45-1  |          |          |          |            |          | %     |
| Scandium   | 45-2  |          |          |          |            |          | %     |
| Selenium   | 77-2  | 0.00     | 0.00     | 0.00     | 0.00       | N/A      | ppb   |
| Selenium   | 78-2  | 0.22     | 0.55     | -0.22    | 0.18       | 208.00   | ppb   |
| Selenium   | 82-1  | 1.46     | 0.19     | 0.13     | 0.59       | 125.93   | ppb   |
| Silicon    | 28-1  | 927.55   | 931.33   | 934.44   | 931.11     | 0.37     | ppb   |
| Silver     | 109-1 | 0.06     | 0.05     | 0.05     | 0.05       | 7.95     | ppb   |
| Silver     | 107-1 | 0.05     | 0.05     | 0.04     | 0.05       | 8.94     | ppb   |
| Sodium     | 23-2  | 10265.74 | 10502.61 | 10545.21 | 10437.85   | 1.44     | ppb   |
| Strontium  | 86-1  | 18.96    | 18.36    | 18.53    | 18.61      | 1.65     | ppb   |
| Strontium  | 88-1  | 18.73    | 18.53    | 18.81    | 18.69      | 0.77     | ppb   |
| Sulfur     | 34-1  | 2353.29  | 2366.95  | 2316.34  | 2345.53    | 1.12     | ppb   |
| Terbium    | 159-1 |          |          |          |            |          | %     |
| Terbium    | 159-2 |          |          |          |            |          | %     |
| Thallium   | 203-1 | -0.05    | -0.05    | -0.04    | -0.05      |          | ppb   |
| Thallium   | 205-1 | -0.03    | -0.04    | -0.04    | -0.03      |          | ppb   |
| Tin        | 118-1 | 0.05     | 0.06     | 0.03     | 0.04       | 31.99    | ppb   |
| Titanium   | 47-1  | 1.64     | 0.47     | 0.46     | 0.86       | 79.47    | ppb   |
| Uranium    | 238-1 | -0.05    | -0.05    | -0.05    | -0.05      |          | ppb   |
| Vanadium   | 51-2  | 0.03     | 0.07     | 0.05     | 0.05       | 40.71    | ppb   |
| Yttrium    | 89-1  |          |          |          |            |          | %     |
| Yttrium    | 89-2  |          |          |          |            |          | %     |
| Zinc       | 66-2  | 30.46    | 30.68    | 29.99    | 30.38      | 1.15     | ppb   |
| Zirconium  | 90-1  | 0.03     | 0.04     | 0.04     | 0.04       | 20.41    | ppb   |



|                         |                      |                   |                     |
|-------------------------|----------------------|-------------------|---------------------|
| LB Number :             | LB88853              | Operator :        | Jaswal              |
| Lab Sample ID :         | I4278-18             | Instrumnet Name : | P7                  |
| Client Sample ID :      | DC3126-18-FL3-BRK-W2 | Dilution Factor : | 1                   |
| Date & Time Acquired :: | 2017-07-19 21:28:01  | DataFile Name :   | 141SMPL_P7071917 -M |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|-----------|------|---------|---------|---------|------------|---------|-------|
| Zirconium | 91-1 | 0.04    | 0.02    | 0.04    | 0.04       | 34.08   | ppb   |

LB Number : LB88853 Operator : Jaswal  
 Lab Sample ID : CCV41 Instrumnet Name : P7  
 Client Sample ID : CCV41 Dilution Factor : 1  
 Date & Time Acquired :: 2017-07-19 21:31:32 DataFile Name : 142CCV\_P7071917 -MS.

| Parameter  | Mass  | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|------------|-------|---------|---------|---------|------------|---------|-------|
| Aluminium  | 27-2  | 0.89    | -0.12   | 1.57    | 0.78       | 108.96  | ppb   |
| Antimony   | 121-1 | 0.00    | 0.01    | 0.01    | 0.01       | 70.94   | ppb   |
| Arsenic    | 75-2  | -0.01   | 0.00    | 0.08    | 0.02       | 208.83  | ppb   |
| Barium     | 135-1 | -0.09   | -0.04   | -0.08   | -0.07      |         | ppb   |
| Barium     | 137-1 | -0.03   | -0.05   | -0.04   | -0.04      |         | ppb   |
| Beryllium  | 9-1   | -0.05   | -0.02   | -0.03   | -0.03      |         | ppb   |
| Bismuth    | 209-1 |         |         |         |            |         | %     |
| Bismuth    | 209-2 |         |         |         |            |         | %     |
| Boron      | 10-1  | 4.66    | 1.88    | 4.41    | 3.65       | 42.10   | ppb   |
| Boron      | 11-1  | 3.55    | 3.97    | 3.66    | 3.73       | 5.72    | ppb   |
| Cadmium    | 111-1 | -0.46   | -0.47   | -0.25   | -0.39      |         | ppb   |
| Cadmium    | 106-1 | -5.78   | -5.82   | -2.91   | -4.84      |         | ppb   |
| Cadmium    | 108-1 | -0.07   | -0.07   | -0.11   | -0.08      |         | ppb   |
| Calcium    | 43-1  | 16.35   | 7.61    | 8.98    | 10.98      | 42.84   | ppb   |
| Calcium    | 44-1  | 6.85    | 6.24    | 4.75    | 5.94       | 18.18   | ppb   |
| Chromium   | 52-2  | 0.05    | 0.01    | 0.00    | 0.02       | 115.31  | ppb   |
| Cobalt     | 59-2  | -0.07   | -0.07   | -0.08   | -0.08      |         | ppb   |
| Copper     | 63-2  | 0.27    | 0.25    | 0.20    | 0.24       | 13.96   | 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  | 1.02    | 1.13    | 0.74    | 0.96       | 20.98   | ppb   |
| Iron       | 57-2  | 1.81    | 2.33    | 1.55    | 1.90       | 20.88   | ppb   |
| Lead       | 206-1 | 514.36  | 486.82  | 479.15  | 493.44     | 3.75    | ppb   |
| Lead       | 207-1 | 505.61  | 473.47  | 472.46  | 483.85     | 3.90    | ppb   |
| Lead       | 208-1 | 516.64  | 485.54  | 479.78  | 493.99     | 4.01    | ppb   |
| Lithium    | 6-1   |         |         |         |            |         | %     |
| Magnesium  | 24-2  | 0.71    | 0.16    | 1.02    | 0.63       | 69.37   | ppb   |
| Manganese  | 55-2  | 0.22    | 0.22    | 0.16    | 0.20       | 18.33   | ppb   |

|                         |                     |                   |                      |
|-------------------------|---------------------|-------------------|----------------------|
| LB Number :             | LB88853             | Operator :        | Jaswal               |
| Lab Sample ID :         | CCV41               | Instrumnet Name : | P7                   |
| Client Sample ID :      | CCV41               | Dilution Factor : | 1                    |
| Date & Time Acquired :: | 2017-07-19 21:31:32 | DataFile Name :   | 142CCV_P7071917 -MS. |

| Parameter  | Mass  | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|------------|-------|---------|---------|---------|------------|---------|-------|
| Molybdenum | 94-1  | -0.02   | -0.01   | -0.01   | -0.01      |         | ppb   |
| Molybdenum | 95-1  | -0.06   | -0.05   | -0.06   | -0.06      |         | ppb   |
| Molybdenum | 96-1  | -0.04   | -0.03   | -0.03   | -0.03      |         | ppb   |
| Molybdenum | 97-1  | -0.02   | -0.03   | -0.02   | -0.02      |         | ppb   |
| Molybdenum | 98-1  | -0.04   | -0.04   | -0.03   | -0.04      |         | ppb   |
| Neodymium  | 150-1 |         |         |         |            |         | cps   |
| Neodymium  | 150-2 |         |         |         |            |         | cps   |
| Nickel     | 60-2  | -0.45   | -0.54   | -0.42   | -0.47      |         | ppb   |
| Phosphorus | 31-2  | -13.88  | -18.58  | -33.05  | -21.84     |         | ppb   |
| Potassium  | 39-2  | 51.80   | 56.26   | 47.71   | 51.93      | 8.24    | ppb   |
| Rhodium    | 103-1 |         |         |         |            |         | %     |
| Rhodium    | 103-2 |         |         |         |            |         | %     |
| Scandium   | 45-1  |         |         |         |            |         | %     |
| Scandium   | 45-2  |         |         |         |            |         | %     |
| Selenium   | 77-2  | 0.00    | 0.00    | 0.00    | 0.00       | N/A     | ppb   |
| Selenium   | 78-2  | 0.04    | 0.20    | 0.74    | 0.33       | 111.76  | ppb   |
| Selenium   | 82-1  | 0.26    | 0.30    | 1.28    | 0.61       | 94.21   | ppb   |
| Silicon    | 28-1  | 20.02   | 16.31   | 17.15   | 17.83      | 10.93   | ppb   |
| Silver     | 109-1 | 0.03    | 0.03    | 0.03    | 0.03       | 9.44    | ppb   |
| Silver     | 107-1 | 0.03    | 0.02    | 0.04    | 0.03       | 21.77   | ppb   |
| Sodium     | 23-2  | 114.86  | 116.96  | 105.95  | 112.59     | 5.19    | ppb   |
| Strontium  | 86-1  | 0.10    | 0.14    | 0.13    | 0.13       | 15.58   | ppb   |
| Strontium  | 88-1  | 0.00    | 0.00    | 0.01    | 0.00       | 130.42  | ppb   |
| Sulfur     | 34-1  | 2424.85 | 1961.11 | 1872.18 | 2086.05    | 14.23   | ppb   |
| Terbium    | 159-1 |         |         |         |            |         | %     |
| Terbium    | 159-2 |         |         |         |            |         | %     |
| Thallium   | 203-1 | -0.04   | -0.05   | -0.04   | -0.04      |         | ppb   |
| Thallium   | 205-1 | -0.03   | -0.04   | -0.04   | -0.04      |         | ppb   |
| Tin        | 118-1 | -0.09   | -0.10   | -0.07   | -0.08      |         | ppb   |
| Titanium   | 47-1  | 0.04    | 0.04    | 0.07    | 0.05       | 32.68   | ppb   |
| Uranium    | 238-1 | -0.07   | -0.07   | -0.06   | -0.07      |         | ppb   |
| Vanadium   | 51-2  | -0.03   | -0.02   | -0.02   | -0.02      |         | ppb   |
| Yttrium    | 89-1  |         |         |         |            |         | %     |
| Yttrium    | 89-2  |         |         |         |            |         | %     |
| Zinc       | 66-2  | 1.12    | 1.16    | 1.11    | 1.13       | 2.66    | ppb   |
| Zirconium  | 90-1  | 0.00    | -0.01   | 0.00    | 0.00       |         | ppb   |

|                         |                     |                   |                      |
|-------------------------|---------------------|-------------------|----------------------|
| LB Number :             | LB88853             | Operator :        | Jaswal               |
| Lab Sample ID :         | CCV41               | Instrumnet Name : | P7                   |
| Client Sample ID :      | CCV41               | Dilution Factor : | 1                    |
| Date & Time Acquired :: | 2017-07-19 21:31:32 | DataFile Name :   | 142CCV_P7071917 -MS. |

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

|                         |                     |                   |                     |
|-------------------------|---------------------|-------------------|---------------------|
| LB Number :             | LB88853             | Operator :        | Jaswal              |
| Lab Sample ID :         | CCB41               | Instrumnet Name : | P7                  |
| Client Sample ID :      | CCB41               | Dilution Factor : | 1                   |
| Date & Time Acquired :: | 2017-07-19 21:35:04 | DataFile Name :   | 143CCBE_P7071917 -M |

| Parameter  | Mass  | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|------------|-------|---------|---------|---------|------------|---------|-------|
| Aluminium  | 27-2  | 0.88    | 0.34    | 0.39    | 0.53       | 55.63   | ppb   |
| Antimony   | 121-1 | 0.01    | 0.00    | 0.00    | 0.00       | 92.38   | ppb   |
| Arsenic    | 75-2  | -0.04   | -0.02   | -0.01   | -0.02      |         | ppb   |
| Barium     | 135-1 | -0.10   | -0.07   | -0.10   | -0.09      |         | ppb   |
| Barium     | 137-1 | -0.05   | -0.06   | -0.06   | -0.06      |         | ppb   |
| Beryllium  | 9-1   | -0.06   | -0.06   | 0.02    | -0.03      |         | ppb   |
| Bismuth    | 209-1 |         |         |         |            |         | %     |
| Bismuth    | 209-2 |         |         |         |            |         | %     |
| Boron      | 10-1  | 4.10    | 4.11    | 3.00    | 3.74       | 17.07   | ppb   |
| Boron      | 11-1  | 3.96    | 2.64    | 3.60    | 3.40       | 19.99   | ppb   |
| Cadmium    | 111-1 | -0.41   | -0.33   | -0.38   | -0.38      |         | ppb   |
| Cadmium    | 106-1 | -5.07   | -3.94   | -4.69   | -4.57      |         | ppb   |
| Cadmium    | 108-1 | -0.11   | -0.02   | -0.11   | -0.08      |         | ppb   |
| Calcium    | 43-1  | 2.42    | -2.92   | -0.77   | -0.43      |         | ppb   |
| Calcium    | 44-1  | -2.82   | -1.76   | -3.04   | -2.54      |         | ppb   |
| Chromium   | 52-2  | 0.06    | 0.08    | -0.03   | 0.04       | 163.28  | ppb   |
| Cobalt     | 59-2  | -0.07   | -0.07   | -0.07   | -0.07      |         | ppb   |
| Copper     | 63-2  | 0.20    | 0.17    | 0.19    | 0.19       | 7.28    | 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  | 0.54    | 0.35    | 0.57    | 0.49       | 24.33   | ppb   |
| Iron       | 57-2  | 2.27    | 1.21    | 3.17    | 2.22       | 44.46   | ppb   |
| Lead       | 206-1 | -0.01   | 0.00    | -0.02   | -0.01      |         | ppb   |
| Lead       | 207-1 | 0.01    | -0.01   | 0.02    | 0.01       | 168.65  | ppb   |
| Lead       | 208-1 | 0.00    | 0.00    | -0.01   | 0.00       |         | ppb   |
| Lithium    | 6-1   |         |         |         |            |         | %     |
| Magnesium  | 24-2  | -0.71   | -3.37   | 0.36    | -1.24      |         | ppb   |
| Manganese  | 55-2  | 0.10    | 0.02    | 0.05    | 0.06       | 69.81   | ppb   |

|                         |                     |                   |                     |
|-------------------------|---------------------|-------------------|---------------------|
| LB Number :             | LB88853             | Operator :        | Jaswal              |
| Lab Sample ID :         | CCB41               | Instrumnet Name : | P7                  |
| Client Sample ID :      | CCB41               | Dilution Factor : | 1                   |
| Date & Time Acquired :: | 2017-07-19 21:35:04 | DataFile Name :   | 143CCBE_P7071917 -M |

| Parameter  | Mass  | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|------------|-------|---------|---------|---------|------------|---------|-------|
| Molybdenum | 94-1  | -0.02   | 0.00    | -0.01   | -0.01      |         | ppb   |
| Molybdenum | 95-1  | -0.06   | -0.06   | -0.05   | -0.05      |         | ppb   |
| Molybdenum | 96-1  | -0.03   | -0.04   | -0.03   | -0.03      |         | ppb   |
| Molybdenum | 97-1  | -0.02   | -0.01   | -0.03   | -0.02      |         | ppb   |
| Molybdenum | 98-1  | -0.04   | -0.04   | -0.04   | -0.04      |         | ppb   |
| Neodymium  | 150-1 |         |         |         |            |         | cps   |
| Neodymium  | 150-2 |         |         |         |            |         | cps   |
| Nickel     | 60-2  | -0.49   | -0.60   | -0.51   | -0.53      |         | ppb   |
| Phosphorus | 31-2  | -9.42   | -24.21  | -4.16   | -12.60     |         | ppb   |
| Potassium  | 39-2  | 55.04   | 42.12   | 63.71   | 53.63      | 20.26   | ppb   |
| Rhodium    | 103-1 |         |         |         |            |         | %     |
| Rhodium    | 103-2 |         |         |         |            |         | %     |
| Scandium   | 45-1  |         |         |         |            |         | %     |
| Scandium   | 45-2  |         |         |         |            |         | %     |
| Selenium   | 77-2  | 0.00    | 0.00    | 0.00    | 0.00       | N/A     | ppb   |
| Selenium   | 78-2  | -0.68   | -0.94   | -0.85   | -0.82      |         | ppb   |
| Selenium   | 82-1  | 0.00    | 0.64    | 0.88    | 0.51       | 89.10   | ppb   |
| Silicon    | 28-1  | 19.33   | 23.09   | 20.49   | 20.97      | 9.18    | ppb   |
| Silver     | 109-1 | 0.03    | 0.03    | 0.03    | 0.03       | 17.15   | ppb   |
| Silver     | 107-1 | 0.03    | 0.02    | 0.01    | 0.02       | 43.94   | ppb   |
| Sodium     | 23-2  | 104.94  | 100.57  | 113.46  | 106.32     | 6.17    | ppb   |
| Strontium  | 86-1  | 0.12    | 0.02    | 0.18    | 0.10       | 77.40   | ppb   |
| Strontium  | 88-1  | 0.00    | 0.00    | 0.00    | 0.00       |         | ppb   |
| Sulfur     | 34-1  | 2279.58 | 2587.18 | 2772.85 | 2546.53    | 9.78    | ppb   |
| Terbium    | 159-1 |         |         |         |            |         | %     |
| Terbium    | 159-2 |         |         |         |            |         | %     |
| Thallium   | 203-1 | -0.05   | -0.05   | -0.03   | -0.04      |         | ppb   |
| Thallium   | 205-1 | -0.03   | -0.03   | -0.03   | -0.03      |         | ppb   |
| Tin        | 118-1 | 0.01    | -0.03   | 0.01    | -0.01      |         | ppb   |
| Titanium   | 47-1  | 0.01    | -0.02   | -0.03   | -0.01      |         | ppb   |
| Uranium    | 238-1 | -0.07   | -0.07   | -0.07   | -0.07      |         | ppb   |
| Vanadium   | 51-2  | -0.02   | -0.03   | -0.03   | -0.03      |         | ppb   |
| Yttrium    | 89-1  |         |         |         |            |         | %     |
| Yttrium    | 89-2  |         |         |         |            |         | %     |
| Zinc       | 66-2  | 0.22    | 0.50    | 0.05    | 0.26       | 88.65   | ppb   |
| Zirconium  | 90-1  | 0.00    | -0.01   | -0.02   | -0.01      |         | ppb   |

|                         |                     |                   |                      |
|-------------------------|---------------------|-------------------|----------------------|
| LB Number :             | LB88853             | Operator :        | Jaswal               |
| Lab Sample ID :         | CCB41               | Instrumnet Name : | P7                   |
| Client Sample ID :      | CCB41               | Dilution Factor : | 1                    |
| Date & Time Acquired :: | 2017-07-19 21:35:04 | DataFile Name :   | 143CCBE_P7071917 -M: |

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

LB Number : LB88853 Operator : Jaswal  
 Lab Sample ID : I4278-19 Instrumnet Name : P7  
 Client Sample ID : DC3126-19-FL3-CL316-V Dilution Factor : 1  
 Date & Time Acquired :: 2017-07-19 21:38:36 DataFile Name : 144SMPL\_P7071917 -M

| Parameter  | Mass  | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|------------|-------|---------|---------|---------|------------|---------|-------|
| Aluminium  | 27-2  | 7.82    | 8.15    | 6.76    | 7.58       | 9.59    | ppb   |
| Antimony   | 121-1 | 0.04    | 0.06    | 0.06    | 0.05       | 18.19   | ppb   |
| Arsenic    | 75-2  | 0.28    | 0.20    | 0.16    | 0.21       | 28.05   | ppb   |
| Barium     | 135-1 | 14.79   | 14.63   | 15.31   | 14.91      | 2.36    | ppb   |
| Barium     | 137-1 | 14.69   | 15.28   | 15.46   | 15.14      | 2.68    | ppb   |
| Beryllium  | 9-1   | -0.05   | -0.01   | -0.07   | -0.04      |         | ppb   |
| Bismuth    | 209-1 |         |         |         |            |         | %     |
| Bismuth    | 209-2 |         |         |         |            |         | %     |
| Boron      | 10-1  | 5.66    | 4.40    | 7.22    | 5.76       | 24.51   | ppb   |
| Boron      | 11-1  | 5.60    | 6.18    | 6.34    | 6.04       | 6.47    | ppb   |
| Cadmium    | 111-1 | -0.39   | -0.36   | -0.30   | -0.35      |         | ppb   |
| Cadmium    | 106-1 | -5.33   | -4.59   | -4.14   | -4.69      |         | ppb   |
| Cadmium    | 108-1 | 0.15    | 0.19    | 0.24    | 0.19       | 22.88   | ppb   |
| Calcium    | 43-1  | 5292.63 | 5239.98 | 5229.93 | 5254.18    | 0.64    | ppb   |
| Calcium    | 44-1  | 5257.96 | 5229.27 | 5312.00 | 5266.41    | 0.80    | ppb   |
| Chromium   | 52-2  | 0.01    | -0.02   | 0.01    | 0.00       |         | ppb   |
| Cobalt     | 59-2  | 0.02    | 0.04    | 0.02    | 0.03       | 38.43   | ppb   |
| Copper     | 63-2  | 1191.33 | 1167.66 | 1162.57 | 1173.85    | 1.31    | ppb   |
| Dysprosium | 156-1 |         |         |         |            |         | cps   |
| Dysprosium | 156-2 |         |         |         |            |         | cps   |
| Erbium     | 164-1 |         |         |         |            |         | cps   |
| Erbium     | 164-2 |         |         |         |            |         | cps   |
| Gadolinium | 160-1 |         |         |         |            |         | cps   |
| Gadolinium | 160-2 |         |         |         |            |         | cps   |
| Holmium    | 165-1 |         |         |         |            |         | %     |
| Holmium    | 165-2 |         |         |         |            |         | %     |
| Indium     | 115-1 |         |         |         |            |         | %     |
| Indium     | 115-2 |         |         |         |            |         | %     |
| Iron       | 56-2  | 17.32   | 16.57   | 17.77   | 17.22      | 3.53    | ppb   |
| Iron       | 57-2  | 26.21   | 22.61   | 21.89   | 23.57      | 9.82    | ppb   |
| Lead       | 206-1 | 1.71    | 1.65    | 1.73    | 1.70       | 2.57    | ppb   |
| Lead       | 207-1 | 1.59    | 1.61    | 1.66    | 1.62       | 1.97    | ppb   |
| Lead       | 208-1 | 1.65    | 1.63    | 1.68    | 1.65       | 1.39    | ppb   |
| Lithium    | 6-1   |         |         |         |            |         | %     |
| Magnesium  | 24-2  | 1187.80 | 1164.04 | 1150.42 | 1167.42    | 1.62    | ppb   |
| Manganese  | 55-2  | 6.32    | 6.41    | 6.59    | 6.44       | 2.17    | ppb   |



LB Number : LB88853 Operator : Jaswal  
 Lab Sample ID : I4278-19 Instrumnet Name : P7  
 Client Sample ID : DC3126-19-FL3-CL316-V Dilution Factor : 1  
 Date & Time Acquired :: 2017-07-19 21:38:36 DataFile Name : 144SMPL\_P7071917 -M

| Parameter  | Mass  | ConRep1  | ConRep2  | ConRep3  | Avg. Conc. | ConcRSD | Units |
|------------|-------|----------|----------|----------|------------|---------|-------|
| Molybdenum | 94-1  | 0.03     | 0.03     | 0.01     | 0.02       | 35.79   | ppb   |
| Molybdenum | 95-1  | -0.01    | -0.02    | -0.03    | -0.02      |         | ppb   |
| Molybdenum | 96-1  | 0.01     | -0.02    | -0.01    | -0.01      |         | ppb   |
| Molybdenum | 97-1  | -0.02    | 0.00     | -0.02    | -0.01      |         | ppb   |
| Molybdenum | 98-1  | -0.01    | -0.02    | -0.03    | -0.02      |         | ppb   |
| Neodymium  | 150-1 |          |          |          |            |         | cps   |
| Neodymium  | 150-2 |          |          |          |            |         | cps   |
| Nickel     | 60-2  | 12.94    | 13.31    | 12.94    | 13.06      | 1.65    | ppb   |
| Phosphorus | 31-2  | 369.22   | 355.50   | 290.71   | 338.48     | 12.39   | ppb   |
| Potassium  | 39-2  | 561.40   | 553.80   | 562.53   | 559.24     | 0.85    | ppb   |
| Rhodium    | 103-1 |          |          |          |            |         | %     |
| Rhodium    | 103-2 |          |          |          |            |         | %     |
| Scandium   | 45-1  |          |          |          |            |         | %     |
| Scandium   | 45-2  |          |          |          |            |         | %     |
| Selenium   | 77-2  | 0.00     | 0.00     | 0.00     | 0.00       | N/A     | ppb   |
| Selenium   | 78-2  | -0.66    | 0.81     | -1.53    | -0.46      |         | ppb   |
| Selenium   | 82-1  | 0.56     | 1.27     | -0.21    | 0.54       | 137.05  | ppb   |
| Silicon    | 28-1  | 906.94   | 890.99   | 913.04   | 903.66     | 1.26    | ppb   |
| Silver     | 109-1 | 0.02     | 0.02     | 0.03     | 0.03       | 14.97   | ppb   |
| Silver     | 107-1 | 0.04     | 0.02     | 0.03     | 0.03       | 26.42   | ppb   |
| Sodium     | 23-2  | 10502.36 | 10379.51 | 10177.79 | 10353.22   | 1.58    | ppb   |
| Strontium  | 86-1  | 18.75    | 18.09    | 18.32    | 18.39      | 1.84    | ppb   |
| Strontium  | 88-1  | 18.29    | 18.26    | 18.48    | 18.34      | 0.65    | ppb   |
| Sulfur     | 34-1  | 1837.61  | 1880.96  | 2184.94  | 1967.83    | 9.62    | ppb   |
| Terbium    | 159-1 |          |          |          |            |         | %     |
| Terbium    | 159-2 |          |          |          |            |         | %     |
| Thallium   | 203-1 | -0.04    | -0.05    | -0.03    | -0.04      |         | ppb   |
| Thallium   | 205-1 | -0.03    | -0.04    | -0.03    | -0.03      |         | ppb   |
| Tin        | 118-1 | -0.06    | -0.07    | -0.07    | -0.07      |         | ppb   |
| Titanium   | 47-1  | 0.22     | 0.31     | 0.22     | 0.25       | 20.18   | ppb   |
| Uranium    | 238-1 | -0.06    | -0.06    | -0.06    | -0.06      |         | ppb   |
| Vanadium   | 51-2  | 0.03     | 0.04     | 0.03     | 0.03       | 20.60   | ppb   |
| Yttrium    | 89-1  |          |          |          |            |         | %     |
| Yttrium    | 89-2  |          |          |          |            |         | %     |
| Zinc       | 66-2  | 954.99   | 933.69   | 917.73   | 935.47     | 2.00    | ppb   |
| Zirconium  | 90-1  | 0.03     | 0.03     | 0.03     | 0.03       | 9.71    | ppb   |

|                         |                       |                   |                     |
|-------------------------|-----------------------|-------------------|---------------------|
| LB Number :             | LB88853               | Operator :        | Jaswal              |
| Lab Sample ID :         | I4278-19              | Instrumnet Name : | P7                  |
| Client Sample ID :      | DC3126-19-FL3-CL316-V | Dilution Factor : | 1                   |
| Date & Time Acquired :: | 2017-07-19 21:38:36   | DataFile Name :   | 144SMPL_P7071917 -M |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|-----------|------|---------|---------|---------|------------|---------|-------|
| Zirconium | 91-1 | 0.04    | 0.04    | 0.04    | 0.04       | 12.02   | ppb   |

LB Number : LB88853 Operator : Jaswal  
 Lab Sample ID : I4278-20 Instrumnet Name : P7  
 Client Sample ID : DC3126-20-FL3-CL316-V Dilution Factor : 1  
 Date & Time Acquired :: 2017-07-19 21:42:08 DataFile Name : 145SMPL\_P7071917 -M

| Parameter  | Mass  | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|------------|-------|---------|---------|---------|------------|---------|-------|
| Aluminium  | 27-2  | 1.78    | 4.52    | 5.46    | 3.92       | 48.76   | ppb   |
| Antimony   | 121-1 | 0.06    | 0.09    | 0.07    | 0.07       | 20.47   | ppb   |
| Arsenic    | 75-2  | 0.13    | 0.20    | 0.12    | 0.15       | 27.92   | ppb   |
| Barium     | 135-1 | 14.76   | 15.09   | 14.91   | 14.92      | 1.12    | ppb   |
| Barium     | 137-1 | 15.51   | 14.63   | 15.04   | 15.06      | 2.94    | ppb   |
| Beryllium  | 9-1   | -0.05   | -0.06   | -0.06   | -0.06      |         | ppb   |
| Bismuth    | 209-1 |         |         |         |            |         | %     |
| Bismuth    | 209-2 |         |         |         |            |         | %     |
| Boron      | 10-1  | 7.30    | 8.61    | 8.54    | 8.15       | 9.02    | ppb   |
| Boron      | 11-1  | 7.78    | 7.03    | 7.89    | 7.57       | 6.16    | ppb   |
| Cadmium    | 111-1 | -0.39   | -0.44   | -0.37   | -0.40      |         | ppb   |
| Cadmium    | 106-1 | -4.84   | -5.61   | -4.51   | -4.99      |         | ppb   |
| Cadmium    | 108-1 | -0.08   | -0.04   | 0.00    | -0.04      |         | ppb   |
| Calcium    | 43-1  | 5216.80 | 5055.66 | 5177.62 | 5150.03    | 1.63    | ppb   |
| Calcium    | 44-1  | 5200.53 | 5018.29 | 5073.23 | 5097.35    | 1.83    | ppb   |
| Chromium   | 52-2  | 0.02    | 0.01    | 0.03    | 0.02       | 60.23   | ppb   |
| Cobalt     | 59-2  | 0.04    | 0.05    | 0.06    | 0.05       | 17.49   | ppb   |
| Copper     | 63-2  | 1073.83 | 1053.27 | 1061.31 | 1062.80    | 0.97    | ppb   |
| Dysprosium | 156-1 |         |         |         |            |         | cps   |
| Dysprosium | 156-2 |         |         |         |            |         | cps   |
| Erbium     | 164-1 |         |         |         |            |         | cps   |
| Erbium     | 164-2 |         |         |         |            |         | cps   |
| Gadolinium | 160-1 |         |         |         |            |         | cps   |
| Gadolinium | 160-2 |         |         |         |            |         | cps   |
| Holmium    | 165-1 |         |         |         |            |         | %     |
| Holmium    | 165-2 |         |         |         |            |         | %     |
| Indium     | 115-1 |         |         |         |            |         | %     |
| Indium     | 115-2 |         |         |         |            |         | %     |
| Iron       | 56-2  | 13.84   | 14.09   | 14.39   | 14.11      | 1.96    | ppb   |
| Iron       | 57-2  | 24.58   | 19.77   | 21.70   | 22.01      | 10.98   | ppb   |
| Lead       | 206-1 | 0.46    | 0.47    | 0.43    | 0.45       | 5.26    | ppb   |
| Lead       | 207-1 | 0.42    | 0.43    | 0.43    | 0.43       | 1.76    | ppb   |
| Lead       | 208-1 | 0.44    | 0.46    | 0.41    | 0.44       | 5.41    | ppb   |
| Lithium    | 6-1   |         |         |         |            |         | %     |
| Magnesium  | 24-2  | 1226.39 | 1193.81 | 1186.35 | 1202.18    | 1.77    | ppb   |
| Manganese  | 55-2  | 4.16    | 3.90    | 3.99    | 4.02       | 3.34    | ppb   |

LB Number : LB88853 Operator : Jaswal  
 Lab Sample ID : I4278-20 Instrumnet Name : P7  
 Client Sample ID : DC3126-20-FL3-CL316-V Dilution Factor : 1  
 Date & Time Acquired :: 2017-07-19 21:42:08 DataFile Name : 145SMPL\_P7071917 -M

| Parameter  | Mass  | ConRep1  | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|------------|-------|----------|---------|---------|------------|---------|-------|
| Molybdenum | 94-1  | 0.01     | 0.04    | 0.02    | 0.02       | 52.04   | ppb   |
| Molybdenum | 95-1  | -0.03    | -0.03   | -0.02   | -0.03      |         | ppb   |
| Molybdenum | 96-1  | 0.00     | 0.01    | 0.02    | 0.01       | 108.11  | ppb   |
| Molybdenum | 97-1  | 0.01     | 0.00    | 0.00    | 0.00       | 1461.14 | ppb   |
| Molybdenum | 98-1  | -0.02    | -0.03   | 0.00    | -0.02      |         | ppb   |
| Neodymium  | 150-1 |          |         |         |            |         | cps   |
| Neodymium  | 150-2 |          |         |         |            |         | cps   |
| Nickel     | 60-2  | 0.90     | 0.80    | 0.68    | 0.79       | 13.96   | ppb   |
| Phosphorus | 31-2  | 64.17    | 110.15  | 67.59   | 80.64      | 31.77   | ppb   |
| Potassium  | 39-2  | 548.28   | 527.70  | 526.05  | 534.01     | 2.32    | ppb   |
| Rhodium    | 103-1 |          |         |         |            |         | %     |
| Rhodium    | 103-2 |          |         |         |            |         | %     |
| Scandium   | 45-1  |          |         |         |            |         | %     |
| Scandium   | 45-2  |          |         |         |            |         | %     |
| Selenium   | 77-2  | 0.00     | 0.00    | 0.00    | 0.00       | N/A     | ppb   |
| Selenium   | 78-2  | 1.10     | -0.55   | 0.50    | 0.35       | 238.36  | ppb   |
| Selenium   | 82-1  | -0.22    | 0.60    | -0.61   | -0.08      |         | ppb   |
| Silicon    | 28-1  | 1022.54  | 986.36  | 990.09  | 999.66     | 1.99    | ppb   |
| Silver     | 109-1 | 0.04     | 0.04    | 0.03    | 0.04       | 18.54   | ppb   |
| Silver     | 107-1 | 0.05     | 0.04    | 0.04    | 0.04       | 15.53   | ppb   |
| Sodium     | 23-2  | 10075.19 | 9891.52 | 9998.87 | 9988.53    | 0.92    | ppb   |
| Strontium  | 86-1  | 18.18    | 17.76   | 18.43   | 18.12      | 1.87    | ppb   |
| Strontium  | 88-1  | 18.12    | 17.89   | 17.85   | 17.95      | 0.83    | ppb   |
| Sulfur     | 34-1  | 2419.66  | 1985.01 | 2190.53 | 2198.40    | 9.89    | ppb   |
| Terbium    | 159-1 |          |         |         |            |         | %     |
| Terbium    | 159-2 |          |         |         |            |         | %     |
| Thallium   | 203-1 | -0.05    | -0.05   | -0.04   | -0.05      |         | ppb   |
| Thallium   | 205-1 | -0.03    | -0.04   | -0.04   | -0.03      |         | ppb   |
| Tin        | 118-1 | -0.08    | -0.09   | -0.08   | -0.08      |         | ppb   |
| Titanium   | 47-1  | 0.09     | 0.14    | 0.16    | 0.13       | 26.52   | ppb   |
| Uranium    | 238-1 | -0.06    | -0.06   | -0.06   | -0.06      |         | ppb   |
| Vanadium   | 51-2  | 0.00     | 0.00    | 0.00    | 0.00       | 42.60   | ppb   |
| Yttrium    | 89-1  |          |         |         |            |         | %     |
| Yttrium    | 89-2  |          |         |         |            |         | %     |
| Zinc       | 66-2  | 92.20    | 90.54   | 91.04   | 91.26      | 0.93    | ppb   |
| Zirconium  | 90-1  | 0.01     | 0.03    | 0.03    | 0.02       | 41.22   | ppb   |

|                         |                       |                   |                     |
|-------------------------|-----------------------|-------------------|---------------------|
| LB Number :             | LB88853               | Operator :        | Jaswal              |
| Lab Sample ID :         | I4278-20              | Instrumnet Name : | P7                  |
| Client Sample ID :      | DC3126-20-FL3-CL316-V | Dilution Factor : | 1                   |
| Date & Time Acquired :: | 2017-07-19 21:42:08   | DataFile Name :   | 145SMPL_P7071917 -M |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|-----------|------|---------|---------|---------|------------|---------|-------|
| Zirconium | 91-1 | 0.02    | 0.04    | 0.02    | 0.03       | 30.68   | ppb   |

LB Number : LB88853 Operator : Jaswal  
 Lab Sample ID : I4278-21 Instrumnet Name : P7  
 Client Sample ID : DC3126-21-FL3-CL316-V Dilution Factor : 1  
 Date & Time Acquired :: 2017-07-19 21:45:41 DataFile Name : 146SMPL\_P7071917 -M

| Parameter  | Mass  | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|------------|-------|---------|---------|---------|------------|---------|-------|
| Aluminium  | 27-2  | 2.21    | 1.93    | 1.73    | 1.96       | 12.34   | ppb   |
| Antimony   | 121-1 | 0.01    | 0.01    | 0.01    | 0.01       | 44.30   | ppb   |
| Arsenic    | 75-2  | 0.03    | -0.05   | 0.00    | -0.01      |         | ppb   |
| Barium     | 135-1 | 0.06    | -0.03   | 0.01    | 0.01       | 311.05  | ppb   |
| Barium     | 137-1 | 0.04    | 0.06    | 0.03    | 0.04       | 34.67   | ppb   |
| Beryllium  | 9-1   | -0.02   | 0.00    | 0.02    | 0.00       | 4824.23 | ppb   |
| Bismuth    | 209-1 |         |         |         |            |         | %     |
| Bismuth    | 209-2 |         |         |         |            |         | %     |
| Boron      | 10-1  | 4.58    | 4.11    | 4.85    | 4.51       | 8.22    | ppb   |
| Boron      | 11-1  | 4.65    | 4.72    | 5.79    | 5.06       | 12.60   | ppb   |
| Cadmium    | 111-1 | -0.33   | -0.36   | -0.42   | -0.37      |         | ppb   |
| Cadmium    | 106-1 | -4.06   | -4.38   | -5.22   | -4.55      |         | ppb   |
| Cadmium    | 108-1 | -0.11   | -0.07   | -0.07   | -0.09      |         | ppb   |
| Calcium    | 43-1  | 7230.80 | 7622.25 | 7218.10 | 7357.05    | 3.12    | ppb   |
| Calcium    | 44-1  | 7350.88 | 7553.26 | 7266.64 | 7390.26    | 1.99    | ppb   |
| Chromium   | 52-2  | -0.03   | -0.03   | -0.01   | -0.02      |         | ppb   |
| Cobalt     | 59-2  | -0.09   | -0.09   | -0.08   | -0.09      |         | ppb   |
| Copper     | 63-2  | 0.24    | 0.17    | 0.13    | 0.18       | 31.81   | 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  | 0.12    | 0.09    | 0.14    | 0.12       | 21.69   | ppb   |
| Iron       | 57-2  | 11.84   | 10.57   | 7.32    | 9.91       | 23.52   | ppb   |
| Lead       | 206-1 | -0.01   | -0.01   | -0.03   | -0.02      |         | ppb   |
| Lead       | 207-1 | -0.04   | 0.01    | -0.01   | -0.01      |         | ppb   |
| Lead       | 208-1 | -0.01   | -0.01   | -0.02   | -0.01      |         | ppb   |
| Lithium    | 6-1   |         |         |         |            |         | %     |
| Magnesium  | 24-2  | 3012.75 | 2980.54 | 2944.91 | 2979.40    | 1.14    | ppb   |
| Manganese  | 55-2  | -0.06   | 0.04    | 0.11    | 0.03       | 278.70  | ppb   |

LB Number : LB88853 Operator : Jaswal  
 Lab Sample ID : I4278-21 Instrumnet Name : P7  
 Client Sample ID : DC3126-21-FL3-CL316-V Dilution Factor : 1  
 Date & Time Acquired :: 2017-07-19 21:45:41 DataFile Name : 146SMPL\_P7071917 -M

| Parameter  | Mass  | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|------------|-------|---------|---------|---------|------------|---------|-------|
| Molybdenum | 94-1  | 0.00    | -0.01   | 0.01    | 0.00       |         | ppb   |
| Molybdenum | 95-1  | -0.06   | -0.06   | -0.05   | -0.05      |         | ppb   |
| Molybdenum | 96-1  | -0.03   | -0.04   | -0.03   | -0.03      |         | ppb   |
| Molybdenum | 97-1  | -0.03   | -0.01   | -0.03   | -0.03      |         | ppb   |
| Molybdenum | 98-1  | -0.04   | -0.04   | -0.04   | -0.04      |         | ppb   |
| Neodymium  | 150-1 |         |         |         |            |         | cps   |
| Neodymium  | 150-2 |         |         |         |            |         | cps   |
| Nickel     | 60-2  | -0.52   | -0.57   | -0.54   | -0.54      |         | ppb   |
| Phosphorus | 31-2  | -17.72  | -6.34   | -30.17  | -18.08     |         | ppb   |
| Potassium  | 39-2  | 41.83   | 44.63   | 37.18   | 41.21      | 9.13    | ppb   |
| Rhodium    | 103-1 |         |         |         |            |         | %     |
| Rhodium    | 103-2 |         |         |         |            |         | %     |
| Scandium   | 45-1  |         |         |         |            |         | %     |
| Scandium   | 45-2  |         |         |         |            |         | %     |
| Selenium   | 77-2  | 0.98    | 0.00    | 0.00    | 0.33       | 173.21  | ppb   |
| Selenium   | 78-2  | 0.45    | 0.22    | -0.42   | 0.08       | 547.72  | ppb   |
| Selenium   | 82-1  | 0.16    | -0.16   | 1.01    | 0.34       | 179.29  | ppb   |
| Silicon    | 28-1  | 11.35   | 11.23   | 9.29    | 10.62      | 10.91   | ppb   |
| Silver     | 109-1 | 0.01    | 0.01    | 0.02    | 0.01       | 42.63   | ppb   |
| Silver     | 107-1 | 0.02    | 0.02    | 0.02    | 0.02       | 16.59   | ppb   |
| Sodium     | 23-2  | 6172.51 | 6051.68 | 6072.19 | 6098.79    | 1.06    | ppb   |
| Strontium  | 86-1  | 1.21    | 1.21    | 1.17    | 1.20       | 1.71    | ppb   |
| Strontium  | 88-1  | 1.06    | 1.09    | 1.04    | 1.06       | 2.34    | ppb   |
| Sulfur     | 34-1  | 4892.78 | 5200.96 | 5016.67 | 5036.80    | 3.08    | ppb   |
| Terbium    | 159-1 |         |         |         |            |         | %     |
| Terbium    | 159-2 |         |         |         |            |         | %     |
| Thallium   | 203-1 | -0.04   | -0.05   | -0.04   | -0.04      |         | ppb   |
| Thallium   | 205-1 | -0.03   | -0.04   | -0.03   | -0.03      |         | ppb   |
| Tin        | 118-1 | -0.11   | -0.08   | -0.11   | -0.10      |         | ppb   |
| Titanium   | 47-1  | -0.03   | 0.03    | 0.09    | 0.03       | 211.33  | ppb   |
| Uranium    | 238-1 | -0.07   | -0.07   | -0.07   | -0.07      |         | ppb   |
| Vanadium   | 51-2  | -0.02   | -0.01   | -0.02   | -0.02      |         | ppb   |
| Yttrium    | 89-1  |         |         |         |            |         | %     |
| Yttrium    | 89-2  |         |         |         |            |         | %     |
| Zinc       | 66-2  | 0.77    | 0.54    | 0.69    | 0.66       | 17.47   | ppb   |
| Zirconium  | 90-1  | 0.01    | 0.00    | -0.01   | 0.00       |         | ppb   |

|                         |                       |                   |                     |
|-------------------------|-----------------------|-------------------|---------------------|
| LB Number :             | LB88853               | Operator :        | Jaswal              |
| Lab Sample ID :         | I4278-21              | Instrumnet Name : | P7                  |
| Client Sample ID :      | DC3126-21-FL3-CL316-V | Dilution Factor : | 1                   |
| Date & Time Acquired :: | 2017-07-19 21:45:41   | DataFile Name :   | 146SMPL_P7071917 -M |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|-----------|------|---------|---------|---------|------------|---------|-------|
| Zirconium | 91-1 | 0.01    | 0.03    | 0.00    | 0.01       | 135.32  | ppb   |



LB Number : LB88853 Operator : Jaswal  
 Lab Sample ID : I4278-22 Instrumnet Name : P7  
 Client Sample ID : DC3126-22-FL3-CL316-V Dilution Factor : 1  
 Date & Time Acquired :: 2017-07-19 21:49:13 DataFile Name : 147SMPL\_P7071917 -M

| Parameter  | Mass  | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|------------|-------|---------|---------|---------|------------|---------|-------|
| Aluminium  | 27-2  | 0.68    | 0.87    | 1.70    | 1.08       | 50.08   | ppb   |
| Antimony   | 121-1 | 0.02    | 0.01    | 0.01    | 0.01       | 51.74   | ppb   |
| Arsenic    | 75-2  | -0.04   | -0.01   | -0.02   | -0.02      |         | ppb   |
| Barium     | 135-1 | -0.03   | 0.00    | 0.01    | -0.01      |         | ppb   |
| Barium     | 137-1 | 0.00    | 0.02    | 0.03    | 0.02       | 96.00   | ppb   |
| Beryllium  | 9-1   | -0.09   | -0.11   | -0.05   | -0.08      |         | ppb   |
| Bismuth    | 209-1 |         |         |         |            |         | %     |
| Bismuth    | 209-2 |         |         |         |            |         | %     |
| Boron      | 10-1  | 5.08    | 4.91    | 4.45    | 4.81       | 6.84    | ppb   |
| Boron      | 11-1  | 4.93    | 4.52    | 4.52    | 4.66       | 5.12    | ppb   |
| Cadmium    | 111-1 | -0.34   | -0.36   | -0.49   | -0.40      |         | ppb   |
| Cadmium    | 106-1 | -4.09   | -4.39   | -6.12   | -4.86      |         | ppb   |
| Cadmium    | 108-1 | 0.00    | -0.08   | -0.04   | -0.04      |         | ppb   |
| Calcium    | 43-1  | 7336.71 | 7386.91 | 7391.85 | 7371.82    | 0.41    | ppb   |
| Calcium    | 44-1  | 7313.29 | 7363.92 | 7413.20 | 7363.47    | 0.68    | ppb   |
| Chromium   | 52-2  | 0.04    | 0.01    | -0.03   | 0.00       | 921.75  | ppb   |
| Cobalt     | 59-2  | -0.08   | -0.07   | -0.08   | -0.08      |         | ppb   |
| Copper     | 63-2  | 0.08    | 0.05    | 0.13    | 0.09       | 44.02   | ppb   |
| Dysprosium | 156-1 |         |         |         |            |         | cps   |
| Dysprosium | 156-2 |         |         |         |            |         | cps   |
| Erbium     | 164-1 |         |         |         |            |         | cps   |
| Erbium     | 164-2 |         |         |         |            |         | cps   |
| Gadolinium | 160-1 |         |         |         |            |         | cps   |
| Gadolinium | 160-2 |         |         |         |            |         | cps   |
| Holmium    | 165-1 |         |         |         |            |         | %     |
| Holmium    | 165-2 |         |         |         |            |         | %     |
| Indium     | 115-1 |         |         |         |            |         | %     |
| Indium     | 115-2 |         |         |         |            |         | %     |
| Iron       | 56-2  | 0.27    | 0.30    | 0.21    | 0.26       | 16.34   | ppb   |
| Iron       | 57-2  | 8.23    | 10.83   | 8.72    | 9.26       | 14.92   | ppb   |
| Lead       | 206-1 | -0.06   | -0.04   | -0.05   | -0.05      |         | ppb   |
| Lead       | 207-1 | -0.01   | -0.02   | -0.02   | -0.02      |         | ppb   |
| Lead       | 208-1 | -0.04   | -0.02   | -0.02   | -0.03      |         | ppb   |
| Lithium    | 6-1   |         |         |         |            |         | %     |
| Magnesium  | 24-2  | 3078.09 | 3007.72 | 2983.66 | 3023.16    | 1.62    | ppb   |
| Manganese  | 55-2  | 0.06    | -0.03   | 0.06    | 0.03       | 178.07  | ppb   |

LB Number : LB88853 Operator : Jaswal  
 Lab Sample ID : I4278-22 Instrumnet Name : P7  
 Client Sample ID : DC3126-22-FL3-CL316-V Dilution Factor : 1  
 Date & Time Acquired :: 2017-07-19 21:49:13 DataFile Name : 147SMPL\_P7071917 -M

| Parameter  | Mass  | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|------------|-------|---------|---------|---------|------------|---------|-------|
| Molybdenum | 94-1  | -0.01   | -0.01   | -0.01   | -0.01      |         | ppb   |
| Molybdenum | 95-1  | -0.06   | -0.06   | -0.05   | -0.06      |         | ppb   |
| Molybdenum | 96-1  | -0.04   | -0.01   | -0.03   | -0.03      |         | ppb   |
| Molybdenum | 97-1  | -0.02   | -0.02   | 0.00    | -0.01      |         | ppb   |
| Molybdenum | 98-1  | -0.04   | -0.04   | -0.05   | -0.04      |         | ppb   |
| Neodymium  | 150-1 |         |         |         |            |         | cps   |
| Neodymium  | 150-2 |         |         |         |            |         | cps   |
| Nickel     | 60-2  | -0.56   | -0.48   | -0.50   | -0.51      |         | ppb   |
| Phosphorus | 31-2  | -17.74  | -6.25   | -18.43  | -14.14     |         | ppb   |
| Potassium  | 39-2  | 45.56   | 38.35   | 40.47   | 41.46      | 8.93    | ppb   |
| Rhodium    | 103-1 |         |         |         |            |         | %     |
| Rhodium    | 103-2 |         |         |         |            |         | %     |
| Scandium   | 45-1  |         |         |         |            |         | %     |
| Scandium   | 45-2  |         |         |         |            |         | %     |
| Selenium   | 77-2  | 0.00    | 0.00    | 0.96    | 0.32       | 173.21  | ppb   |
| Selenium   | 78-2  | -1.20   | 1.51    | -0.76   | -0.15      |         | ppb   |
| Selenium   | 82-1  | -0.58   | 0.36    | 0.77    | 0.18       | 376.75  | ppb   |
| Silicon    | 28-1  | 12.79   | 8.69    | 9.94    | 10.47      | 20.05   | ppb   |
| Silver     | 109-1 | 0.02    | 0.02    | 0.03    | 0.02       | 26.09   | ppb   |
| Silver     | 107-1 | 0.01    | 0.03    | 0.02    | 0.02       | 31.98   | ppb   |
| Sodium     | 23-2  | 6356.59 | 6213.47 | 6180.96 | 6250.34    | 1.49    | ppb   |
| Strontium  | 86-1  | 1.19    | 0.97    | 1.12    | 1.10       | 10.72   | ppb   |
| Strontium  | 88-1  | 1.05    | 1.05    | 1.07    | 1.06       | 1.08    | ppb   |
| Sulfur     | 34-1  | 4737.41 | 4794.59 | 5013.44 | 4848.48    | 3.00    | ppb   |
| Terbium    | 159-1 |         |         |         |            |         | %     |
| Terbium    | 159-2 |         |         |         |            |         | %     |
| Thallium   | 203-1 | -0.04   | -0.04   | -0.04   | -0.04      |         | ppb   |
| Thallium   | 205-1 | -0.04   | -0.03   | -0.04   | -0.04      |         | ppb   |
| Tin        | 118-1 | -0.10   | -0.10   | -0.10   | -0.10      |         | ppb   |
| Titanium   | 47-1  | -0.02   | 0.03    | 0.08    | 0.03       | 160.66  | ppb   |
| Uranium    | 238-1 | -0.06   | -0.07   | -0.07   | -0.07      |         | ppb   |
| Vanadium   | 51-2  | -0.02   | -0.03   | -0.02   | -0.02      |         | ppb   |
| Yttrium    | 89-1  |         |         |         |            |         | %     |
| Yttrium    | 89-2  |         |         |         |            |         | %     |
| Zinc       | 66-2  | 0.54    | 0.67    | 0.76    | 0.66       | 16.50   | ppb   |
| Zirconium  | 90-1  | -0.01   | 0.00    | 0.01    | 0.00       |         | ppb   |

|                         |                       |                   |                     |
|-------------------------|-----------------------|-------------------|---------------------|
| LB Number :             | LB88853               | Operator :        | Jaswal              |
| Lab Sample ID :         | I4278-22              | Instrumnet Name : | P7                  |
| Client Sample ID :      | DC3126-22-FL3-CL316-V | Dilution Factor : | 1                   |
| Date & Time Acquired :: | 2017-07-19 21:49:13   | DataFile Name :   | 147SMPL_P7071917 -M |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|-----------|------|---------|---------|---------|------------|---------|-------|
| Zirconium | 91-1 | 0.03    | -0.01   | 0.00    | 0.01       | 221.45  | ppb   |

LB Number : LB88853 Operator : Jaswal  
 Lab Sample ID : I4278-23 Instrumnet Name : P7  
 Client Sample ID : DC3126-23-FL3-CL313-V Dilution Factor : 1  
 Date & Time Acquired :: 2017-07-19 21:52:46 DataFile Name : 148SMPL\_P7071917 -M

| Parameter  | Mass  | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|------------|-------|---------|---------|---------|------------|---------|-------|
| Aluminium  | 27-2  | 9.08    | 8.61    | 10.49   | 9.40       | 10.42   | ppb   |
| Antimony   | 121-1 | 0.04    | 0.05    | 0.05    | 0.05       | 20.13   | ppb   |
| Arsenic    | 75-2  | 0.24    | 0.19    | 0.24    | 0.22       | 14.78   | ppb   |
| Barium     | 135-1 | 14.99   | 15.05   | 15.63   | 15.23      | 2.33    | ppb   |
| Barium     | 137-1 | 15.23   | 15.64   | 15.58   | 15.49      | 1.42    | ppb   |
| Beryllium  | 9-1   | -0.07   | -0.05   | -0.10   | -0.07      |         | ppb   |
| Bismuth    | 209-1 |         |         |         |            |         | %     |
| Bismuth    | 209-2 |         |         |         |            |         | %     |
| Boron      | 10-1  | 4.98    | 6.59    | 5.71    | 5.76       | 13.92   | ppb   |
| Boron      | 11-1  | 4.97    | 5.24    | 5.73    | 5.32       | 7.26    | ppb   |
| Cadmium    | 111-1 | -0.37   | -0.25   | -0.32   | -0.31      |         | ppb   |
| Cadmium    | 106-1 | -4.69   | -3.15   | -4.07   | -3.97      |         | ppb   |
| Cadmium    | 108-1 | 0.04    | 0.00    | -0.03   | 0.00       | 2301.01 | ppb   |
| Calcium    | 43-1  | 5015.61 | 5220.69 | 5341.53 | 5192.61    | 3.17    | ppb   |
| Calcium    | 44-1  | 5028.48 | 5209.89 | 5379.54 | 5205.97    | 3.37    | ppb   |
| Chromium   | 52-2  | 0.05    | 0.01    | 0.01    | 0.02       | 97.63   | ppb   |
| Cobalt     | 59-2  | -0.05   | -0.06   | -0.06   | -0.06      |         | ppb   |
| Copper     | 63-2  | 285.99  | 283.51  | 280.73  | 283.41     | 0.93    | ppb   |
| Dysprosium | 156-1 |         |         |         |            |         | cps   |
| Dysprosium | 156-2 |         |         |         |            |         | cps   |
| Erbium     | 164-1 |         |         |         |            |         | cps   |
| Erbium     | 164-2 |         |         |         |            |         | cps   |
| Gadolinium | 160-1 |         |         |         |            |         | cps   |
| Gadolinium | 160-2 |         |         |         |            |         | cps   |
| Holmium    | 165-1 |         |         |         |            |         | %     |
| Holmium    | 165-2 |         |         |         |            |         | %     |
| Indium     | 115-1 |         |         |         |            |         | %     |
| Indium     | 115-2 |         |         |         |            |         | %     |
| Iron       | 56-2  | 23.86   | 23.57   | 22.25   | 23.23      | 3.69    | ppb   |
| Iron       | 57-2  | 31.44   | 28.83   | 26.73   | 29.00      | 8.14    | ppb   |
| Lead       | 206-1 | 0.16    | 0.20    | 0.19    | 0.18       | 9.83    | ppb   |
| Lead       | 207-1 | 0.17    | 0.21    | 0.18    | 0.19       | 10.01   | ppb   |
| Lead       | 208-1 | 0.18    | 0.20    | 0.21    | 0.20       | 8.18    | ppb   |
| Lithium    | 6-1   |         |         |         |            |         | %     |
| Magnesium  | 24-2  | 1174.86 | 1156.20 | 1147.89 | 1159.65    | 1.19    | ppb   |
| Manganese  | 55-2  | 9.19    | 8.79    | 8.62    | 8.87       | 3.29    | ppb   |

LB Number : LB88853 Operator : Jaswal  
 Lab Sample ID : I4278-23 Instrumnet Name : P7  
 Client Sample ID : DC3126-23-FL3-CL313-V Dilution Factor : 1  
 Date & Time Acquired :: 2017-07-19 21:52:46 DataFile Name : 148SMPL\_P7071917 -M

| Parameter  | Mass  | ConRep1  | ConRep2  | ConRep3  | Avg. Conc. | ConcRSD | Units |
|------------|-------|----------|----------|----------|------------|---------|-------|
| Molybdenum | 94-1  | 0.03     | 0.05     | 0.03     | 0.04       | 27.36   | ppb   |
| Molybdenum | 95-1  | -0.03    | -0.04    | -0.01    | -0.03      |         | ppb   |
| Molybdenum | 96-1  | 0.02     | 0.01     | 0.03     | 0.02       | 42.37   | ppb   |
| Molybdenum | 97-1  | 0.00     | 0.02     | 0.01     | 0.01       | 97.87   | ppb   |
| Molybdenum | 98-1  | -0.01    | -0.01    | -0.01    | -0.01      |         | ppb   |
| Neodymium  | 150-1 |          |          |          |            |         | cps   |
| Neodymium  | 150-2 |          |          |          |            |         | cps   |
| Nickel     | 60-2  | 15.79    | 16.40    | 15.99    | 16.06      | 1.91    | ppb   |
| Phosphorus | 31-2  | 531.04   | 410.10   | 548.79   | 496.64     | 15.20   | ppb   |
| Potassium  | 39-2  | 561.92   | 538.87   | 532.84   | 544.55     | 2.82    | ppb   |
| Rhodium    | 103-1 |          |          |          |            |         | %     |
| Rhodium    | 103-2 |          |          |          |            |         | %     |
| Scandium   | 45-1  |          |          |          |            |         | %     |
| Scandium   | 45-2  |          |          |          |            |         | %     |
| Selenium   | 77-2  | 0.00     | 0.00     | 0.00     | 0.00       | N/A     | ppb   |
| Selenium   | 78-2  | -1.17    | -0.35    | -0.17    | -0.57      |         | ppb   |
| Selenium   | 82-1  | 1.77     | 0.59     | 0.77     | 1.05       | 61.09   | ppb   |
| Silicon    | 28-1  | 871.59   | 908.45   | 949.58   | 909.87     | 4.29    | ppb   |
| Silver     | 109-1 | 0.02     | 0.04     | 0.03     | 0.03       | 20.87   | ppb   |
| Silver     | 107-1 | 0.04     | 0.03     | 0.02     | 0.03       | 26.63   | ppb   |
| Sodium     | 23-2  | 10501.36 | 10392.49 | 10258.70 | 10384.18   | 1.17    | ppb   |
| Strontium  | 86-1  | 18.02    | 17.80    | 18.14    | 17.99      | 0.97    | ppb   |
| Strontium  | 88-1  | 17.81    | 18.40    | 18.40    | 18.20      | 1.88    | ppb   |
| Sulfur     | 34-1  | 1839.31  | 2091.44  | 2598.60  | 2176.45    | 17.77   | ppb   |
| Terbium    | 159-1 |          |          |          |            |         | %     |
| Terbium    | 159-2 |          |          |          |            |         | %     |
| Thallium   | 203-1 | -0.04    | -0.04    | -0.04    | -0.04      |         | ppb   |
| Thallium   | 205-1 | -0.03    | -0.03    | -0.04    | -0.03      |         | ppb   |
| Tin        | 118-1 | -0.07    | -0.06    | -0.07    | -0.07      |         | ppb   |
| Titanium   | 47-1  | 0.49     | 0.40     | 0.33     | 0.41       | 19.29   | ppb   |
| Uranium    | 238-1 | -0.05    | -0.06    | -0.06    | -0.06      |         | ppb   |
| Vanadium   | 51-2  | 0.04     | 0.03     | 0.04     | 0.04       | 7.80    | ppb   |
| Yttrium    | 89-1  |          |          |          |            |         | %     |
| Yttrium    | 89-2  |          |          |          |            |         | %     |
| Zinc       | 66-2  | 340.48   | 334.39   | 335.83   | 336.90     | 0.94    | ppb   |
| Zirconium  | 90-1  | 0.02     | 0.02     | 0.04     | 0.03       | 49.36   | ppb   |

|                         |                       |                   |                     |
|-------------------------|-----------------------|-------------------|---------------------|
| LB Number :             | LB88853               | Operator :        | Jaswal              |
| Lab Sample ID :         | I4278-23              | Instrumnet Name : | P7                  |
| Client Sample ID :      | DC3126-23-FL3-CL313-V | Dilution Factor : | 1                   |
| Date & Time Acquired :: | 2017-07-19 21:52:46   | DataFile Name :   | 148SMPL_P7071917 -M |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|-----------|------|---------|---------|---------|------------|---------|-------|
| Zirconium | 91-1 | 0.03    | 0.06    | 0.05    | 0.05       | 29.99   | ppb   |

LB Number : LB88853 Operator : Jaswal  
 Lab Sample ID : I4278-24 Instrumnet Name : P7  
 Client Sample ID : DC3126-24-FL3-CL313-V Dilution Factor : 1  
 Date & Time Acquired :: 2017-07-19 21:56:17 DataFile Name : 149SMPL\_P7071917 -M

| Parameter  | Mass  | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|------------|-------|---------|---------|---------|------------|---------|-------|
| Aluminium  | 27-2  | 12.08   | 15.90   | 14.01   | 14.00      | 13.67   | ppb   |
| Antimony   | 121-1 | 0.03    | 0.03    | 0.03    | 0.03       | 5.10    | ppb   |
| Arsenic    | 75-2  | 0.29    | 0.33    | 0.25    | 0.29       | 14.36   | ppb   |
| Barium     | 135-1 | 16.45   | 15.72   | 15.48   | 15.88      | 3.16    | ppb   |
| Barium     | 137-1 | 15.87   | 15.81   | 16.35   | 16.01      | 1.87    | ppb   |
| Beryllium  | 9-1   | -0.04   | -0.01   | -0.06   | -0.04      |         | ppb   |
| Bismuth    | 209-1 |         |         |         |            |         | %     |
| Bismuth    | 209-2 |         |         |         |            |         | %     |
| Boron      | 10-1  | 3.23    | 6.06    | 7.11    | 5.47       | 36.77   | ppb   |
| Boron      | 11-1  | 5.38    | 4.81    | 5.29    | 5.16       | 5.92    | ppb   |
| Cadmium    | 111-1 | -0.50   | -0.46   | -0.39   | -0.45      |         | ppb   |
| Cadmium    | 106-1 | -6.27   | -5.76   | -4.86   | -5.63      |         | ppb   |
| Cadmium    | 108-1 | -0.11   | -0.07   | -0.07   | -0.09      |         | ppb   |
| Calcium    | 43-1  | 5192.78 | 5202.70 | 5223.57 | 5206.35    | 0.30    | ppb   |
| Calcium    | 44-1  | 5199.27 | 5177.99 | 5288.15 | 5221.80    | 1.12    | ppb   |
| Chromium   | 52-2  | -0.02   | 0.05    | 0.04    | 0.02       | 174.29  | ppb   |
| Cobalt     | 59-2  | -0.07   | -0.05   | -0.05   | -0.06      |         | ppb   |
| Copper     | 63-2  | 200.59  | 201.35  | 198.34  | 200.09     | 0.78    | ppb   |
| Dysprosium | 156-1 |         |         |         |            |         | cps   |
| Dysprosium | 156-2 |         |         |         |            |         | cps   |
| Erbium     | 164-1 |         |         |         |            |         | cps   |
| Erbium     | 164-2 |         |         |         |            |         | cps   |
| Gadolinium | 160-1 |         |         |         |            |         | cps   |
| Gadolinium | 160-2 |         |         |         |            |         | cps   |
| Holmium    | 165-1 |         |         |         |            |         | %     |
| Holmium    | 165-2 |         |         |         |            |         | %     |
| Indium     | 115-1 |         |         |         |            |         | %     |
| Indium     | 115-2 |         |         |         |            |         | %     |
| Iron       | 56-2  | 29.07   | 29.82   | 33.06   | 30.65      | 6.91    | ppb   |
| Iron       | 57-2  | 41.67   | 37.66   | 32.86   | 37.40      | 11.79   | ppb   |
| Lead       | 206-1 | 0.10    | 0.13    | 0.10    | 0.11       | 14.68   | ppb   |
| Lead       | 207-1 | 0.12    | 0.09    | 0.12    | 0.11       | 17.29   | ppb   |
| Lead       | 208-1 | 0.12    | 0.13    | 0.13    | 0.13       | 3.99    | ppb   |
| Lithium    | 6-1   |         |         |         |            |         | %     |
| Magnesium  | 24-2  | 1106.09 | 1125.70 | 1094.86 | 1108.88    | 1.41    | ppb   |
| Manganese  | 55-2  | 12.41   | 12.75   | 12.01   | 12.39      | 3.00    | ppb   |

|                         |                       |                   |                     |
|-------------------------|-----------------------|-------------------|---------------------|
| LB Number :             | LB88853               | Operator :        | Jaswal              |
| Lab Sample ID :         | I4278-24              | Instrumnet Name : | P7                  |
| Client Sample ID :      | DC3126-24-FL3-CL313-V | Dilution Factor : | 1                   |
| Date & Time Acquired :: | 2017-07-19 21:56:17   | DataFile Name :   | 149SMPL_P7071917 -M |

| Parameter  | Mass  | ConRep1  | ConRep2  | ConRep3 | Avg. Conc. | ConcRSD | Units |
|------------|-------|----------|----------|---------|------------|---------|-------|
| Molybdenum | 94-1  | 0.03     | 0.05     | 0.03    | 0.04       | 34.26   | ppb   |
| Molybdenum | 95-1  | -0.03    | -0.04    | -0.02   | -0.03      |         | ppb   |
| Molybdenum | 96-1  | 0.00     | 0.00     | 0.01    | 0.00       | 123.35  | ppb   |
| Molybdenum | 97-1  | 0.02     | 0.00     | 0.01    | 0.01       | 132.86  | ppb   |
| Molybdenum | 98-1  | -0.01    | -0.01    | -0.01   | -0.01      |         | ppb   |
| Neodymium  | 150-1 |          |          |         |            |         | cps   |
| Neodymium  | 150-2 |          |          |         |            |         | cps   |
| Nickel     | 60-2  | 0.54     | 0.47     | 0.55    | 0.52       | 8.74    | ppb   |
| Phosphorus | 31-2  | 509.15   | 535.12   | 512.92  | 519.06     | 2.70    | ppb   |
| Potassium  | 39-2  | 526.35   | 535.71   | 497.32  | 519.79     | 3.85    | ppb   |
| Rhodium    | 103-1 |          |          |         |            |         | %     |
| Rhodium    | 103-2 |          |          |         |            |         | %     |
| Scandium   | 45-1  |          |          |         |            |         | %     |
| Scandium   | 45-2  |          |          |         |            |         | %     |
| Selenium   | 77-2  | 0.00     | 0.00     | 0.00    | 0.00       | N/A     | ppb   |
| Selenium   | 78-2  | -0.56    | -0.25    | -0.46   | -0.42      |         | ppb   |
| Selenium   | 82-1  | 0.89     | 0.65     | 0.92    | 0.82       | 18.48   | ppb   |
| Silicon    | 28-1  | 882.30   | 894.81   | 906.55  | 894.55     | 1.36    | ppb   |
| Silver     | 109-1 | 0.02     | 0.03     | 0.02    | 0.02       | 25.71   | ppb   |
| Silver     | 107-1 | 0.03     | 0.02     | 0.01    | 0.02       | 54.98   | ppb   |
| Sodium     | 23-2  | 10047.71 | 10141.84 | 9846.31 | 10011.95   | 1.51    | ppb   |
| Strontium  | 86-1  | 18.58    | 18.96    | 18.36   | 18.63      | 1.63    | ppb   |
| Strontium  | 88-1  | 18.43    | 18.12    | 18.69   | 18.41      | 1.55    | ppb   |
| Sulfur     | 34-1  | 2302.58  | 2330.04  | 2461.50 | 2364.71    | 3.59    | ppb   |
| Terbium    | 159-1 |          |          |         |            |         | %     |
| Terbium    | 159-2 |          |          |         |            |         | %     |
| Thallium   | 203-1 | -0.04    | -0.05    | -0.04   | -0.04      |         | ppb   |
| Thallium   | 205-1 | -0.04    | -0.04    | -0.04   | -0.04      |         | ppb   |
| Tin        | 118-1 | -0.09    | -0.09    | -0.07   | -0.08      |         | ppb   |
| Titanium   | 47-1  | 0.35     | 0.34     | 0.59    | 0.42       | 34.22   | ppb   |
| Uranium    | 238-1 | -0.06    | -0.05    | -0.06   | -0.06      |         | ppb   |
| Vanadium   | 51-2  | 0.06     | 0.07     | 0.04    | 0.06       | 32.05   | ppb   |
| Yttrium    | 89-1  |          |          |         |            |         | %     |
| Yttrium    | 89-2  |          |          |         |            |         | %     |
| Zinc       | 66-2  | 29.60    | 30.82    | 28.68   | 29.70      | 3.62    | ppb   |
| Zirconium  | 90-1  | 0.05     | 0.04     | 0.04    | 0.04       | 13.46   | ppb   |



|                         |                       |                   |                     |
|-------------------------|-----------------------|-------------------|---------------------|
| LB Number :             | LB88853               | Operator :        | Jaswal              |
| Lab Sample ID :         | I4278-24              | Instrumnet Name : | P7                  |
| Client Sample ID :      | DC3126-24-FL3-CL313-V | Dilution Factor : | 1                   |
| Date & Time Acquired :: | 2017-07-19 21:56:17   | DataFile Name :   | 149SMPL_P7071917 -M |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|-----------|------|---------|---------|---------|------------|---------|-------|
| Zirconium | 91-1 | 0.05    | 0.05    | 0.03    | 0.04       | 34.42   | ppb   |

LB Number : LB88853 Operator : Jaswal  
 Lab Sample ID : I4278-25 Instrumnet Name : P7  
 Client Sample ID : DC3126-25-FL3-CL313-V Dilution Factor : 1  
 Date & Time Acquired :: 2017-07-19 21:59:49 DataFile Name : 150SMPL\_P7071917 -M

| Parameter  | Mass  | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|------------|-------|---------|---------|---------|------------|---------|-------|
| Aluminium  | 27-2  | 1.35    | 0.25    | 2.14    | 1.24       | 76.21   | ppb   |
| Antimony   | 121-1 | 0.01    | 0.00    | 0.01    | 0.00       | 135.04  | ppb   |
| Arsenic    | 75-2  | -0.05   | -0.01   | -0.02   | -0.03      |         | ppb   |
| Barium     | 135-1 | -0.03   | -0.02   | -0.01   | -0.02      |         | ppb   |
| Barium     | 137-1 | 0.03    | 0.02    | 0.01    | 0.02       | 62.69   | ppb   |
| Beryllium  | 9-1   | -0.05   | -0.04   | -0.07   | -0.05      |         | ppb   |
| Bismuth    | 209-1 |         |         |         |            |         | %     |
| Bismuth    | 209-2 |         |         |         |            |         | %     |
| Boron      | 10-1  | 4.88    | 6.73    | 7.17    | 6.26       | 19.37   | ppb   |
| Boron      | 11-1  | 5.96    | 6.73    | 6.33    | 6.34       | 6.08    | ppb   |
| Cadmium    | 111-1 | -0.43   | -0.42   | -0.31   | -0.39      |         | ppb   |
| Cadmium    | 106-1 | -5.35   | -5.23   | -3.67   | -4.75      |         | ppb   |
| Cadmium    | 108-1 | -0.11   | 0.00    | -0.11   | -0.07      |         | ppb   |
| Calcium    | 43-1  | 7810.10 | 8203.19 | 7840.50 | 7951.27    | 2.75    | ppb   |
| Calcium    | 44-1  | 7848.62 | 8166.71 | 7776.41 | 7930.58    | 2.62    | ppb   |
| Chromium   | 52-2  | 0.03    | 0.02    | -0.03   | 0.01       | 584.43  | ppb   |
| Cobalt     | 59-2  | -0.08   | -0.09   | -0.09   | -0.09      |         | ppb   |
| Copper     | 63-2  | 0.05    | 0.04    | 0.08    | 0.05       | 34.04   | ppb   |
| Dysprosium | 156-1 |         |         |         |            |         | cps   |
| Dysprosium | 156-2 |         |         |         |            |         | cps   |
| Erbium     | 164-1 |         |         |         |            |         | cps   |
| Erbium     | 164-2 |         |         |         |            |         | cps   |
| Gadolinium | 160-1 |         |         |         |            |         | cps   |
| Gadolinium | 160-2 |         |         |         |            |         | cps   |
| Holmium    | 165-1 |         |         |         |            |         | %     |
| Holmium    | 165-2 |         |         |         |            |         | %     |
| Indium     | 115-1 |         |         |         |            |         | %     |
| Indium     | 115-2 |         |         |         |            |         | %     |
| Iron       | 56-2  | 0.54    | 0.49    | 0.49    | 0.51       | 5.84    | ppb   |
| Iron       | 57-2  | 10.57   | 10.98   | 13.16   | 11.57      | 12.07   | ppb   |
| Lead       | 206-1 | -0.04   | -0.02   | -0.06   | -0.04      |         | ppb   |
| Lead       | 207-1 | -0.02   | -0.02   | -0.02   | -0.02      |         | ppb   |
| Lead       | 208-1 | -0.05   | -0.02   | -0.03   | -0.03      |         | ppb   |
| Lithium    | 6-1   |         |         |         |            |         | %     |
| Magnesium  | 24-2  | 3230.86 | 3171.14 | 3106.95 | 3169.65    | 1.96    | ppb   |
| Manganese  | 55-2  | 0.06    | 0.04    | -0.05   | 0.01       | 360.06  | ppb   |

LB Number : LB88853 Operator : Jaswal  
 Lab Sample ID : I4278-25 Instrumnet Name : P7  
 Client Sample ID : DC3126-25-FL3-CL313-V Dilution Factor : 1  
 Date & Time Acquired :: 2017-07-19 21:59:49 DataFile Name : 150SMPL\_P7071917 -M

| Parameter  | Mass  | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|------------|-------|---------|---------|---------|------------|---------|-------|
| Molybdenum | 94-1  | -0.02   | -0.01   | -0.01   | -0.01      |         | ppb   |
| Molybdenum | 95-1  | -0.05   | -0.05   | -0.06   | -0.05      |         | ppb   |
| Molybdenum | 96-1  | -0.03   | -0.04   | -0.04   | -0.04      |         | ppb   |
| Molybdenum | 97-1  | -0.02   | -0.02   | -0.02   | -0.02      |         | ppb   |
| Molybdenum | 98-1  | -0.04   | -0.04   | -0.04   | -0.04      |         | ppb   |
| Neodymium  | 150-1 |         |         |         |            |         | cps   |
| Neodymium  | 150-2 |         |         |         |            |         | cps   |
| Nickel     | 60-2  | -0.41   | -0.42   | -0.55   | -0.46      |         | ppb   |
| Phosphorus | 31-2  | -1.25   | -13.58  | -10.39  | -8.41      |         | ppb   |
| Potassium  | 39-2  | 59.50   | 58.04   | 53.78   | 57.11      | 5.20    | ppb   |
| Rhodium    | 103-1 |         |         |         |            |         | %     |
| Rhodium    | 103-2 |         |         |         |            |         | %     |
| Scandium   | 45-1  |         |         |         |            |         | %     |
| Scandium   | 45-2  |         |         |         |            |         | %     |
| Selenium   | 77-2  | 0.00    | 0.00    | 0.00    | 0.00       | N/A     | ppb   |
| Selenium   | 78-2  | 0.25    | 2.36    | -0.30   | 0.77       | 181.64  | ppb   |
| Selenium   | 82-1  | 1.00    | 0.47    | 0.35    | 0.61       | 57.35   | ppb   |
| Silicon    | 28-1  | 14.22   | 15.72   | 12.60   | 14.18      | 10.99   | ppb   |
| Silver     | 109-1 | 0.03    | 0.02    | 0.01    | 0.02       | 45.55   | ppb   |
| Silver     | 107-1 | 0.02    | 0.01    | 0.01    | 0.01       | 26.33   | ppb   |
| Sodium     | 23-2  | 6807.27 | 6770.68 | 6579.47 | 6719.14    | 1.82    | ppb   |
| Strontium  | 86-1  | 1.18    | 1.29    | 1.21    | 1.23       | 4.70    | ppb   |
| Strontium  | 88-1  | 1.29    | 1.33    | 1.29    | 1.30       | 1.61    | ppb   |
| Sulfur     | 34-1  | 5083.21 | 5450.06 | 5160.02 | 5231.10    | 3.70    | ppb   |
| Terbium    | 159-1 |         |         |         |            |         | %     |
| Terbium    | 159-2 |         |         |         |            |         | %     |
| Thallium   | 203-1 | -0.04   | -0.04   | -0.04   | -0.04      |         | ppb   |
| Thallium   | 205-1 | -0.04   | -0.03   | -0.04   | -0.04      |         | ppb   |
| Tin        | 118-1 | -0.10   | -0.09   | -0.10   | -0.10      |         | ppb   |
| Titanium   | 47-1  | 0.05    | 0.00    | 0.03    | 0.03       | 95.65   | ppb   |
| Uranium    | 238-1 | -0.07   | -0.07   | -0.07   | -0.07      |         | ppb   |
| Vanadium   | 51-2  | -0.01   | -0.03   | -0.02   | -0.02      |         | ppb   |
| Yttrium    | 89-1  |         |         |         |            |         | %     |
| Yttrium    | 89-2  |         |         |         |            |         | %     |
| Zinc       | 66-2  | 0.48    | 0.29    | 0.39    | 0.39       | 24.34   | ppb   |
| Zirconium  | 90-1  | -0.02   | -0.01   | -0.01   | -0.01      |         | ppb   |

|                         |                       |                   |                     |
|-------------------------|-----------------------|-------------------|---------------------|
| LB Number :             | LB88853               | Operator :        | Jaswal              |
| Lab Sample ID :         | I4278-25              | Instrumnet Name : | P7                  |
| Client Sample ID :      | DC3126-25-FL3-CL313-V | Dilution Factor : | 1                   |
| Date & Time Acquired :: | 2017-07-19 21:59:49   | DataFile Name :   | 150SMPL_P7071917 -M |

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

LB Number : LB88853 Operator : Jaswal  
 Lab Sample ID : I4278-26 Instrumnet Name : P7  
 Client Sample ID : DC3126-26-FL3-CL313-V Dilution Factor : 1  
 Date & Time Acquired :: 2017-07-19 22:03:21 DataFile Name : 151SMPL\_P7071917 -M

| Parameter  | Mass  | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|------------|-------|---------|---------|---------|------------|---------|-------|
| Aluminium  | 27-2  | 2.43    | 1.37    | 1.33    | 1.71       | 36.44   | ppb   |
| Antimony   | 121-1 | 0.01    | 0.01    | 0.01    | 0.01       | 32.23   | ppb   |
| Arsenic    | 75-2  | 0.00    | -0.02   | -0.02   | -0.01      |         | ppb   |
| Barium     | 135-1 | 0.02    | -0.01   | -0.02   | 0.00       |         | ppb   |
| Barium     | 137-1 | 0.02    | 0.03    | 0.06    | 0.04       | 58.68   | ppb   |
| Beryllium  | 9-1   | -0.10   | -0.10   | -0.04   | -0.08      |         | ppb   |
| Bismuth    | 209-1 |         |         |         |            |         | %     |
| Bismuth    | 209-2 |         |         |         |            |         | %     |
| Boron      | 10-1  | 3.76    | 6.55    | 7.03    | 5.78       | 30.56   | ppb   |
| Boron      | 11-1  | 5.97    | 6.76    | 6.87    | 6.53       | 7.49    | ppb   |
| Cadmium    | 111-1 | -0.40   | -0.45   | -0.37   | -0.40      |         | ppb   |
| Cadmium    | 106-1 | -4.80   | -5.56   | -4.62   | -5.00      |         | ppb   |
| Cadmium    | 108-1 | -0.04   | -0.11   | -0.11   | -0.09      |         | ppb   |
| Calcium    | 43-1  | 7900.06 | 8118.96 | 7333.73 | 7784.25    | 5.21    | ppb   |
| Calcium    | 44-1  | 7745.51 | 8059.93 | 7421.03 | 7742.16    | 4.13    | ppb   |
| Chromium   | 52-2  | 0.08    | -0.01   | 0.10    | 0.06       | 101.59  | ppb   |
| Cobalt     | 59-2  | -0.08   | -0.09   | -0.08   | -0.08      |         | ppb   |
| Copper     | 63-2  | 0.10    | 0.04    | 0.08    | 0.07       | 46.25   | 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  | 1.26    | 1.06    | 1.21    | 1.18       | 8.90    | ppb   |
| Iron       | 57-2  | 13.65   | 9.82    | 12.70   | 12.06      | 16.55   | ppb   |
| Lead       | 206-1 | -0.04   | -0.03   | -0.05   | -0.04      |         | ppb   |
| Lead       | 207-1 | -0.03   | -0.03   | -0.05   | -0.04      |         | ppb   |
| Lead       | 208-1 | -0.04   | -0.03   | -0.05   | -0.04      |         | ppb   |
| Lithium    | 6-1   |         |         |         |            |         | %     |
| Magnesium  | 24-2  | 3132.93 | 3220.71 | 3167.91 | 3173.85    | 1.39    | ppb   |
| Manganese  | 55-2  | 0.03    | 0.07    | 0.03    | 0.04       | 50.62   | ppb   |

|                         |                       |                   |                     |
|-------------------------|-----------------------|-------------------|---------------------|
| LB Number :             | LB88853               | Operator :        | Jaswal              |
| Lab Sample ID :         | I4278-26              | Instrumnet Name : | P7                  |
| Client Sample ID :      | DC3126-26-FL3-CL313-V | Dilution Factor : | 1                   |
| Date & Time Acquired :: | 2017-07-19 22:03:21   | DataFile Name :   | 151SMPL_P7071917 -M |

| Parameter  | Mass  | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|------------|-------|---------|---------|---------|------------|---------|-------|
| Molybdenum | 94-1  | -0.01   | -0.01   | -0.01   | -0.01      |         | ppb   |
| Molybdenum | 95-1  | -0.06   | -0.06   | -0.06   | -0.06      |         | ppb   |
| Molybdenum | 96-1  | -0.03   | -0.04   | -0.03   | -0.04      |         | ppb   |
| Molybdenum | 97-1  | -0.02   | -0.02   | -0.02   | -0.02      |         | ppb   |
| Molybdenum | 98-1  | -0.04   | -0.05   | -0.04   | -0.04      |         | ppb   |
| Neodymium  | 150-1 |         |         |         |            |         | cps   |
| Neodymium  | 150-2 |         |         |         |            |         | cps   |
| Nickel     | 60-2  | -0.48   | -0.48   | -0.46   | -0.47      |         | ppb   |
| Phosphorus | 31-2  | -5.49   | -4.96   | -25.90  | -12.12     |         | ppb   |
| Potassium  | 39-2  | 59.32   | 64.70   | 61.32   | 61.78      | 4.40    | ppb   |
| Rhodium    | 103-1 |         |         |         |            |         | %     |
| Rhodium    | 103-2 |         |         |         |            |         | %     |
| Scandium   | 45-1  |         |         |         |            |         | %     |
| Scandium   | 45-2  |         |         |         |            |         | %     |
| Selenium   | 77-2  | 0.00    | 0.00    | 0.00    | 0.00       | N/A     | ppb   |
| Selenium   | 78-2  | -0.22   | -0.63   | -1.02   | -0.63      |         | ppb   |
| Selenium   | 82-1  | 0.50    | 0.23    | 1.99    | 0.91       | 103.97  | ppb   |
| Silicon    | 28-1  | 10.40   | 13.14   | 8.35    | 10.63      | 22.59   | ppb   |
| Silver     | 109-1 | 0.02    | 0.01    | 0.01    | 0.01       | 47.30   | ppb   |
| Silver     | 107-1 | 0.01    | 0.01    | 0.01    | 0.01       | 2.35    | ppb   |
| Sodium     | 23-2  | 6553.33 | 6709.62 | 6558.56 | 6607.17    | 1.34    | ppb   |
| Strontium  | 86-1  | 1.44    | 1.49    | 1.36    | 1.43       | 4.40    | ppb   |
| Strontium  | 88-1  | 1.25    | 1.28    | 1.24    | 1.26       | 1.79    | ppb   |
| Sulfur     | 34-1  | 4912.16 | 5420.13 | 4546.30 | 4959.53    | 8.85    | ppb   |
| Terbium    | 159-1 |         |         |         |            |         | %     |
| Terbium    | 159-2 |         |         |         |            |         | %     |
| Thallium   | 203-1 | -0.04   | -0.05   | -0.04   | -0.04      |         | ppb   |
| Thallium   | 205-1 | -0.04   | -0.04   | -0.04   | -0.04      |         | ppb   |
| Tin        | 118-1 | -0.09   | -0.10   | -0.09   | -0.09      |         | ppb   |
| Titanium   | 47-1  | 0.05    | 0.00    | -0.06   | 0.00       |         | ppb   |
| Uranium    | 238-1 | -0.07   | -0.07   | -0.07   | -0.07      |         | ppb   |
| Vanadium   | 51-2  | -0.02   | -0.02   | -0.02   | -0.02      |         | ppb   |
| Yttrium    | 89-1  |         |         |         |            |         | %     |
| Yttrium    | 89-2  |         |         |         |            |         | %     |
| Zinc       | 66-2  | 0.65    | 0.75    | 0.95    | 0.78       | 19.54   | ppb   |
| Zirconium  | 90-1  | -0.01   | -0.01   | 0.00    | -0.01      |         | ppb   |

|                         |                       |                   |                     |
|-------------------------|-----------------------|-------------------|---------------------|
| LB Number :             | LB88853               | Operator :        | Jaswal              |
| Lab Sample ID :         | I4278-26              | Instrumnet Name : | P7                  |
| Client Sample ID :      | DC3126-26-FL3-CL313-V | Dilution Factor : | 1                   |
| Date & Time Acquired :: | 2017-07-19 22:03:21   | DataFile Name :   | 151SMPL_P7071917 -M |

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

LB Number : LB88853 Operator : Jaswal  
 Lab Sample ID : I4278-27 Instrumnet Name : P7  
 Client Sample ID : DC3126-27-FL3-BR313-1 Dilution Factor : 1  
 Date & Time Acquired :: 2017-07-19 22:06:53 DataFile Name : 152SMPL\_P7071917 -M

| Parameter  | Mass  | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|------------|-------|---------|---------|---------|------------|---------|-------|
| Aluminium  | 27-2  | 12.19   | 8.38    | 10.48   | 10.35      | 18.41   | ppb   |
| Antimony   | 121-1 | 0.04    | 0.05    | 0.05    | 0.05       | 11.42   | ppb   |
| Arsenic    | 75-2  | 0.16    | 0.11    | 0.21    | 0.16       | 32.44   | ppb   |
| Barium     | 135-1 | 16.24   | 15.82   | 16.03   | 16.03      | 1.32    | ppb   |
| Barium     | 137-1 | 16.63   | 16.27   | 15.75   | 16.21      | 2.74    | ppb   |
| Beryllium  | 9-1   | -0.05   | -0.11   | -0.07   | -0.08      |         | ppb   |
| Bismuth    | 209-1 |         |         |         |            |         | %     |
| Bismuth    | 209-2 |         |         |         |            |         | %     |
| Boron      | 10-1  | 4.63    | 3.96    | 5.78    | 4.79       | 19.22   | ppb   |
| Boron      | 11-1  | 5.17    | 5.08    | 5.18    | 5.15       | 1.05    | ppb   |
| Cadmium    | 111-1 | -0.39   | -0.33   | -0.46   | -0.39      |         | ppb   |
| Cadmium    | 106-1 | -4.86   | -4.11   | -5.66   | -4.87      |         | ppb   |
| Cadmium    | 108-1 | -0.04   | -0.07   | 0.04    | -0.02      |         | ppb   |
| Calcium    | 43-1  | 5233.54 | 5178.99 | 5287.27 | 5233.27    | 1.03    | ppb   |
| Calcium    | 44-1  | 5282.30 | 5150.52 | 5221.60 | 5218.14    | 1.26    | ppb   |
| Chromium   | 52-2  | 0.04    | 0.02    | -0.02   | 0.01       | 219.24  | ppb   |
| Cobalt     | 59-2  | -0.07   | -0.06   | -0.05   | -0.06      |         | ppb   |
| Copper     | 63-2  | 274.52  | 272.82  | 271.71  | 273.02     | 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  | 25.82   | 24.52   | 24.98   | 25.11      | 2.62    | ppb   |
| Iron       | 57-2  | 29.66   | 30.15   | 38.63   | 32.81      | 15.37   | ppb   |
| Lead       | 206-1 | 0.15    | 0.16    | 0.18    | 0.16       | 7.19    | ppb   |
| Lead       | 207-1 | 0.15    | 0.17    | 0.14    | 0.15       | 11.46   | ppb   |
| Lead       | 208-1 | 0.16    | 0.15    | 0.16    | 0.16       | 4.20    | ppb   |
| Lithium    | 6-1   |         |         |         |            |         | %     |
| Magnesium  | 24-2  | 1155.52 | 1114.73 | 1128.78 | 1133.01    | 1.83    | ppb   |
| Manganese  | 55-2  | 9.77    | 9.91    | 9.88    | 9.85       | 0.76    | ppb   |



|                         |                       |                   |                      |
|-------------------------|-----------------------|-------------------|----------------------|
| LB Number :             | LB88853               | Operator :        | Jaswal               |
| Lab Sample ID :         | I4278-27              | Instrumnet Name : | P7                   |
| Client Sample ID :      | DC3126-27-FL3-BR313-1 | Dilution Factor : | 1                    |
| Date & Time Acquired :: | 2017-07-19 22:06:53   | DataFile Name :   | 152SMPL_P7071917 -M1 |

| Parameter  | Mass  | ConRep1  | ConRep2  | ConRep3  | Avg. Conc. | ConcRSD | Units |
|------------|-------|----------|----------|----------|------------|---------|-------|
| Molybdenum | 94-1  | 0.05     | 0.05     | 0.04     | 0.04       | 14.72   | ppb   |
| Molybdenum | 95-1  | -0.02    | -0.03    | -0.03    | -0.03      |         | ppb   |
| Molybdenum | 96-1  | 0.00     | 0.01     | -0.01    | 0.00       | 1149.69 | ppb   |
| Molybdenum | 97-1  | 0.02     | 0.03     | 0.03     | 0.03       | 11.21   | ppb   |
| Molybdenum | 98-1  | 0.00     | -0.01    | 0.00     | 0.00       |         | ppb   |
| Neodymium  | 150-1 |          |          |          |            |         | cps   |
| Neodymium  | 150-2 |          |          |          |            |         | cps   |
| Nickel     | 60-2  | 0.13     | 0.35     | 0.33     | 0.27       | 45.85   | ppb   |
| Phosphorus | 31-2  | 540.04   | 557.35   | 552.33   | 549.91     | 1.62    | ppb   |
| Potassium  | 39-2  | 543.35   | 544.58   | 548.46   | 545.46     | 0.49    | ppb   |
| Rhodium    | 103-1 |          |          |          |            |         | %     |
| Rhodium    | 103-2 |          |          |          |            |         | %     |
| Scandium   | 45-1  |          |          |          |            |         | %     |
| Scandium   | 45-2  |          |          |          |            |         | %     |
| Selenium   | 77-2  | 0.00     | 0.00     | 0.00     | 0.00       | N/A     | ppb   |
| Selenium   | 78-2  | -1.86    | 1.13     | 0.83     | 0.03       | 5026.60 | ppb   |
| Selenium   | 82-1  | 0.17     | 0.96     | 0.34     | 0.49       | 84.46   | ppb   |
| Silicon    | 28-1  | 913.81   | 883.68   | 906.93   | 901.47     | 1.75    | ppb   |
| Silver     | 109-1 | 0.02     | 0.03     | 0.04     | 0.03       | 37.52   | ppb   |
| Silver     | 107-1 | 0.02     | 0.03     | 0.03     | 0.03       | 29.51   | ppb   |
| Sodium     | 23-2  | 10388.08 | 10269.38 | 10171.79 | 10276.41   | 1.05    | ppb   |
| Strontium  | 86-1  | 18.01    | 18.13    | 18.20    | 18.11      | 0.51    | ppb   |
| Strontium  | 88-1  | 18.55    | 18.03    | 18.35    | 18.31      | 1.43    | ppb   |
| Sulfur     | 34-1  | 2762.84  | 2464.88  | 2993.80  | 2740.50    | 9.68    | ppb   |
| Terbium    | 159-1 |          |          |          |            |         | %     |
| Terbium    | 159-2 |          |          |          |            |         | %     |
| Thallium   | 203-1 | -0.03    | -0.04    | -0.04    | -0.04      |         | ppb   |
| Thallium   | 205-1 | -0.04    | -0.03    | -0.04    | -0.03      |         | ppb   |
| Tin        | 118-1 | -0.06    | -0.04    | -0.03    | -0.05      |         | ppb   |
| Titanium   | 47-1  | 0.37     | 0.38     | 0.34     | 0.36       | 6.12    | ppb   |
| Uranium    | 238-1 | -0.06    | -0.06    | -0.06    | -0.06      |         | ppb   |
| Vanadium   | 51-2  | 0.04     | 0.05     | 0.03     | 0.04       | 27.13   | ppb   |
| Yttrium    | 89-1  |          |          |          |            |         | %     |
| Yttrium    | 89-2  |          |          |          |            |         | %     |
| Zinc       | 66-2  | 138.12   | 140.31   | 138.68   | 139.04     | 0.82    | ppb   |
| Zirconium  | 90-1  | 0.04     | 0.04     | 0.04     | 0.04       | 2.65    | ppb   |

|                         |                       |                   |                     |
|-------------------------|-----------------------|-------------------|---------------------|
| LB Number :             | LB88853               | Operator :        | Jaswal              |
| Lab Sample ID :         | I4278-27              | Instrumnet Name : | P7                  |
| Client Sample ID :      | DC3126-27-FL3-BR313-\ | Dilution Factor : | 1                   |
| Date & Time Acquired :: | 2017-07-19 22:06:53   | DataFile Name :   | 152SMPL_P7071917 -M |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|-----------|------|---------|---------|---------|------------|---------|-------|
| Zirconium | 91-1 | 0.06    | 0.05    | 0.04    | 0.05       | 23.22   | ppb   |

LB Number : LB88853 Operator : Jaswal  
 Lab Sample ID : I4278-28 Instrumnet Name : P7  
 Client Sample ID : DC3126-28-FL3-BR313-1 Dilution Factor : 1  
 Date & Time Acquired :: 2017-07-19 22:10:24 DataFile Name : 153SMPL\_P7071917 -M1

| Parameter  | Mass  | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|------------|-------|---------|---------|---------|------------|---------|-------|
| Aluminium  | 27-2  | 11.37   | 8.75    | 14.90   | 11.67      | 26.42   | ppb   |
| Antimony   | 121-1 | 0.04    | 0.04    | 0.05    | 0.04       | 14.37   | ppb   |
| Arsenic    | 75-2  | 0.17    | 0.19    | 0.19    | 0.18       | 5.91    | ppb   |
| Barium     | 135-1 | 15.05   | 16.13   | 15.26   | 15.48      | 3.71    | ppb   |
| Barium     | 137-1 | 16.12   | 15.90   | 16.21   | 16.08      | 0.99    | ppb   |
| Beryllium  | 9-1   | -0.08   | -0.07   | -0.03   | -0.06      |         | ppb   |
| Bismuth    | 209-1 |         |         |         |            |         | %     |
| Bismuth    | 209-2 |         |         |         |            |         | %     |
| Boron      | 10-1  | 5.85    | 7.34    | 4.86    | 6.01       | 20.75   | ppb   |
| Boron      | 11-1  | 4.94    | 5.26    | 5.08    | 5.09       | 3.12    | ppb   |
| Cadmium    | 111-1 | -0.40   | -0.35   | -0.32   | -0.36      |         | ppb   |
| Cadmium    | 106-1 | -4.85   | -4.32   | -3.95   | -4.37      |         | ppb   |
| Cadmium    | 108-1 | 0.00    | -0.11   | -0.04   | -0.05      |         | ppb   |
| Calcium    | 43-1  | 5310.50 | 5113.13 | 5248.15 | 5223.93    | 1.93    | ppb   |
| Calcium    | 44-1  | 5192.63 | 5031.05 | 5293.57 | 5172.42    | 2.56    | ppb   |
| Chromium   | 52-2  | 0.07    | -0.01   | 0.04    | 0.03       | 114.94  | ppb   |
| Cobalt     | 59-2  | -0.07   | -0.07   | -0.07   | -0.07      |         | ppb   |
| Copper     | 63-2  | 203.66  | 209.97  | 211.07  | 208.23     | 1.92    | ppb   |
| Dysprosium | 156-1 |         |         |         |            |         | cps   |
| Dysprosium | 156-2 |         |         |         |            |         | cps   |
| Erbium     | 164-1 |         |         |         |            |         | cps   |
| Erbium     | 164-2 |         |         |         |            |         | cps   |
| Gadolinium | 160-1 |         |         |         |            |         | cps   |
| Gadolinium | 160-2 |         |         |         |            |         | cps   |
| Holmium    | 165-1 |         |         |         |            |         | %     |
| Holmium    | 165-2 |         |         |         |            |         | %     |
| Indium     | 115-1 |         |         |         |            |         | %     |
| Indium     | 115-2 |         |         |         |            |         | %     |
| Iron       | 56-2  | 24.55   | 25.60   | 30.58   | 26.91      | 11.98   | ppb   |
| Iron       | 57-2  | 32.57   | 38.58   | 35.30   | 35.49      | 8.48    | ppb   |
| Lead       | 206-1 | 0.10    | 0.11    | 0.12    | 0.11       | 11.83   | ppb   |
| Lead       | 207-1 | 0.12    | 0.12    | 0.08    | 0.11       | 22.45   | ppb   |
| Lead       | 208-1 | 0.12    | 0.11    | 0.11    | 0.11       | 2.25    | ppb   |
| Lithium    | 6-1   |         |         |         |            |         | %     |
| Magnesium  | 24-2  | 1116.70 | 1166.51 | 1165.03 | 1149.41    | 2.47    | ppb   |
| Manganese  | 55-2  | 9.71    | 9.72    | 10.04   | 9.82       | 1.96    | ppb   |

LB Number : LB88853 Operator : Jaswal  
 Lab Sample ID : I4278-28 Instrumnet Name : P7  
 Client Sample ID : DC3126-28-FL3-BR313-1 Dilution Factor : 1  
 Date & Time Acquired :: 2017-07-19 22:10:24 DataFile Name : 153SMPL\_P7071917 -M

| Parameter  | Mass  | ConRep1  | ConRep2  | ConRep3  | Avg. Conc. | ConcRSD | Units |
|------------|-------|----------|----------|----------|------------|---------|-------|
| Molybdenum | 94-1  | 0.03     | 0.02     | 0.02     | 0.02       | 26.31   | ppb   |
| Molybdenum | 95-1  | -0.01    | -0.01    | -0.03    | -0.01      |         | ppb   |
| Molybdenum | 96-1  | 0.00     | -0.01    | 0.01     | 0.00       | 2413.35 | ppb   |
| Molybdenum | 97-1  | 0.02     | 0.02     | 0.00     | 0.01       | 111.93  | ppb   |
| Molybdenum | 98-1  | -0.01    | -0.02    | 0.00     | -0.01      |         | ppb   |
| Neodymium  | 150-1 |          |          |          |            |         | cps   |
| Neodymium  | 150-2 |          |          |          |            |         | cps   |
| Nickel     | 60-2  | -0.19    | -0.31    | -0.30    | -0.26      |         | ppb   |
| Phosphorus | 31-2  | 582.32   | 679.97   | 608.71   | 623.67     | 8.10    | ppb   |
| Potassium  | 39-2  | 521.93   | 547.44   | 543.76   | 537.71     | 2.56    | ppb   |
| Rhodium    | 103-1 |          |          |          |            |         | %     |
| Rhodium    | 103-2 |          |          |          |            |         | %     |
| Scandium   | 45-1  |          |          |          |            |         | %     |
| Scandium   | 45-2  |          |          |          |            |         | %     |
| Selenium   | 77-2  | 0.00     | 0.00     | 0.00     | 0.00       | N/A     | ppb   |
| Selenium   | 78-2  | -0.25    | -0.65    | 0.23     | -0.23      |         | ppb   |
| Selenium   | 82-1  | 1.22     | 0.63     | -0.05    | 0.60       | 105.56  | ppb   |
| Silicon    | 28-1  | 886.33   | 868.70   | 910.19   | 888.41     | 2.34    | ppb   |
| Silver     | 109-1 | 0.02     | 0.03     | 0.02     | 0.03       | 15.23   | ppb   |
| Silver     | 107-1 | 0.02     | 0.02     | 0.02     | 0.02       | 12.93   | ppb   |
| Sodium     | 23-2  | 10071.76 | 10493.97 | 10452.46 | 10339.40   | 2.25    | ppb   |
| Strontium  | 86-1  | 18.22    | 18.37    | 18.06    | 18.22      | 0.86    | ppb   |
| Strontium  | 88-1  | 18.08    | 18.35    | 18.34    | 18.26      | 0.85    | ppb   |
| Sulfur     | 34-1  | 2668.45  | 2608.08  | 3088.40  | 2788.31    | 9.38    | ppb   |
| Terbium    | 159-1 |          |          |          |            |         | %     |
| Terbium    | 159-2 |          |          |          |            |         | %     |
| Thallium   | 203-1 | -0.05    | -0.04    | -0.05    | -0.05      |         | ppb   |
| Thallium   | 205-1 | -0.03    | -0.03    | -0.03    | -0.03      |         | ppb   |
| Tin        | 118-1 | 0.03     | 0.00     | 0.02     | 0.02       | 86.76   | ppb   |
| Titanium   | 47-1  | 0.41     | 0.35     | 0.37     | 0.37       | 8.21    | ppb   |
| Uranium    | 238-1 | -0.05    | -0.06    | -0.06    | -0.05      |         | ppb   |
| Vanadium   | 51-2  | 0.04     | 0.06     | 0.04     | 0.05       | 34.94   | ppb   |
| Yttrium    | 89-1  |          |          |          |            |         | %     |
| Yttrium    | 89-2  |          |          |          |            |         | %     |
| Zinc       | 66-2  | 22.14    | 24.27    | 23.67    | 23.36      | 4.70    | ppb   |
| Zirconium  | 90-1  | 0.03     | 0.04     | 0.04     | 0.04       | 15.16   | ppb   |

|                         |                       |                   |                     |
|-------------------------|-----------------------|-------------------|---------------------|
| LB Number :             | LB88853               | Operator :        | Jaswal              |
| Lab Sample ID :         | I4278-28              | Instrumnet Name : | P7                  |
| Client Sample ID :      | DC3126-28-FL3-BR313-\ | Dilution Factor : | 1                   |
| Date & Time Acquired :: | 2017-07-19 22:10:24   | DataFile Name :   | 153SMPL_P7071917 -M |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|-----------|------|---------|---------|---------|------------|---------|-------|
| Zirconium | 91-1 | 0.01    | 0.07    | 0.05    | 0.04       | 68.58   | ppb   |

|                         |                     |                   |                      |
|-------------------------|---------------------|-------------------|----------------------|
| LB Number :             | LB88853             | Operator :        | Jaswal               |
| Lab Sample ID :         | CCV42               | Instrumnet Name : | P7                   |
| Client Sample ID :      | CCV42               | Dilution Factor : | 1                    |
| Date & Time Acquired :: | 2017-07-19 22:13:56 | DataFile Name :   | 154CCV_P7071917 -MS. |

| Parameter  | Mass  | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|------------|-------|---------|---------|---------|------------|---------|-------|
| Aluminium  | 27-2  | -0.15   | 0.07    | -0.39   | -0.16      |         | ppb   |
| Antimony   | 121-1 | 0.01    | 0.01    | 0.00    | 0.00       | 90.53   | ppb   |
| Arsenic    | 75-2  | -0.04   | -0.03   | -0.03   | -0.03      |         | ppb   |
| Barium     | 135-1 | -0.10   | -0.10   | -0.07   | -0.09      |         | ppb   |
| Barium     | 137-1 | -0.05   | -0.04   | -0.03   | -0.04      |         | ppb   |
| Beryllium  | 9-1   | -0.08   | -0.03   | -0.09   | -0.07      |         | ppb   |
| Bismuth    | 209-1 |         |         |         |            |         | %     |
| Bismuth    | 209-2 |         |         |         |            |         | %     |
| Boron      | 10-1  | 2.16    | 1.79    | 2.33    | 2.09       | 13.04   | ppb   |
| Boron      | 11-1  | 2.29    | 2.78    | 2.07    | 2.38       | 15.25   | ppb   |
| Cadmium    | 111-1 | -0.22   | -0.33   | -0.38   | -0.31      |         | ppb   |
| Cadmium    | 106-1 | -2.57   | -4.06   | -4.60   | -3.74      |         | ppb   |
| Cadmium    | 108-1 | -0.03   | -0.11   | -0.07   | -0.07      |         | ppb   |
| Calcium    | 43-1  | 14.02   | 10.77   | 8.09    | 10.96      | 27.06   | ppb   |
| Calcium    | 44-1  | 3.05    | 4.65    | 4.43    | 4.05       | 21.44   | ppb   |
| Chromium   | 52-2  | -0.02   | 0.00    | 0.01    | 0.00       |         | ppb   |
| Cobalt     | 59-2  | -0.07   | -0.06   | -0.07   | -0.07      |         | ppb   |
| Copper     | 63-2  | 0.14    | 0.15    | 0.17    | 0.15       | 7.47    | 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  | 0.40    | 0.63    | 0.83    | 0.62       | 35.12   | ppb   |
| Iron       | 57-2  | 2.30    | 0.03    | 3.51    | 1.95       | 90.91   | ppb   |
| Lead       | 206-1 | 493.43  | 501.32  | 510.37  | 501.71     | 1.69    | ppb   |
| Lead       | 207-1 | 486.30  | 494.40  | 500.44  | 493.71     | 1.44    | ppb   |
| Lead       | 208-1 | 493.98  | 503.19  | 510.62  | 502.59     | 1.66    | ppb   |
| Lithium    | 6-1   |         |         |         |            |         | %     |
| Magnesium  | 24-2  | -1.87   | 2.46    | -1.33   | -0.25      |         | ppb   |
| Manganese  | 55-2  | 0.06    | 0.04    | 0.12    | 0.08       | 55.39   | ppb   |

|                         |                     |                   |                      |
|-------------------------|---------------------|-------------------|----------------------|
| LB Number :             | LB88853             | Operator :        | Jaswal               |
| Lab Sample ID :         | CCV42               | Instrumnet Name : | P7                   |
| Client Sample ID :      | CCV42               | Dilution Factor : | 1                    |
| Date & Time Acquired :: | 2017-07-19 22:13:56 | DataFile Name :   | 154CCV_P7071917 -MS. |

| Parameter  | Mass  | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|------------|-------|---------|---------|---------|------------|---------|-------|
| Molybdenum | 94-1  | 0.00    | -0.01   | -0.01   | -0.01      |         | ppb   |
| Molybdenum | 95-1  | -0.05   | -0.04   | -0.05   | -0.05      |         | ppb   |
| Molybdenum | 96-1  | -0.02   | -0.02   | -0.03   | -0.02      |         | ppb   |
| Molybdenum | 97-1  | -0.03   | -0.02   | 0.00    | -0.02      |         | ppb   |
| Molybdenum | 98-1  | -0.05   | -0.04   | -0.04   | -0.04      |         | ppb   |
| Neodymium  | 150-1 |         |         |         |            |         | cps   |
| Neodymium  | 150-2 |         |         |         |            |         | cps   |
| Nickel     | 60-2  | -0.60   | -0.58   | -0.52   | -0.57      |         | ppb   |
| Phosphorus | 31-2  | -2.54   | 18.58   | 4.98    | 7.01       | 152.78  | ppb   |
| Potassium  | 39-2  | 51.31   | 44.65   | 43.99   | 46.65      | 8.68    | ppb   |
| Rhodium    | 103-1 |         |         |         |            |         | %     |
| Rhodium    | 103-2 |         |         |         |            |         | %     |
| Scandium   | 45-1  |         |         |         |            |         | %     |
| Scandium   | 45-2  |         |         |         |            |         | %     |
| Selenium   | 77-2  | 0.00    | 0.00    | 0.00    | 0.00       | N/A     | ppb   |
| Selenium   | 78-2  | -0.76   | 0.66    | -0.47   | -0.19      |         | ppb   |
| Selenium   | 82-1  | 0.25    | -0.25   | 0.26    | 0.09       | 339.01  | ppb   |
| Silicon    | 28-1  | 15.68   | 17.34   | 19.90   | 17.64      | 12.06   | ppb   |
| Silver     | 109-1 | 0.01    | 0.01    | 0.02    | 0.01       | 38.04   | ppb   |
| Silver     | 107-1 | 0.01    | 0.02    | 0.01    | 0.01       | 13.72   | ppb   |
| Sodium     | 23-2  | 92.89   | 92.64   | 81.69   | 89.08      | 7.18    | ppb   |
| Strontium  | 86-1  | 0.04    | 0.06    | 0.15    | 0.08       | 67.23   | ppb   |
| Strontium  | 88-1  | 0.00    | 0.00    | 0.00    | 0.00       |         | ppb   |
| Sulfur     | 34-1  | 2291.42 | 2549.34 | 2743.79 | 2528.18    | 8.98    | ppb   |
| Terbium    | 159-1 |         |         |         |            |         | %     |
| Terbium    | 159-2 |         |         |         |            |         | %     |
| Thallium   | 203-1 | -0.04   | -0.04   | -0.04   | -0.04      |         | ppb   |
| Thallium   | 205-1 | -0.04   | -0.03   | -0.03   | -0.03      |         | ppb   |
| Tin        | 118-1 | -0.09   | -0.09   | -0.06   | -0.08      |         | ppb   |
| Titanium   | 47-1  | 0.05    | 0.04    | -0.01   | 0.03       | 107.83  | ppb   |
| Uranium    | 238-1 | -0.07   | -0.07   | -0.07   | -0.07      |         | ppb   |
| Vanadium   | 51-2  | -0.01   | -0.01   | -0.02   | -0.01      |         | ppb   |
| Yttrium    | 89-1  |         |         |         |            |         | %     |
| Yttrium    | 89-2  |         |         |         |            |         | %     |
| Zinc       | 66-2  | 0.61    | 1.05    | 0.49    | 0.72       | 40.52   | ppb   |
| Zirconium  | 90-1  | -0.01   | -0.01   | 0.00    | 0.00       |         | ppb   |

|                         |                     |                   |                      |
|-------------------------|---------------------|-------------------|----------------------|
| LB Number :             | LB88853             | Operator :        | Jaswal               |
| Lab Sample ID :         | CCV42               | Instrumnet Name : | P7                   |
| Client Sample ID :      | CCV42               | Dilution Factor : | 1                    |
| Date & Time Acquired :: | 2017-07-19 22:13:56 | DataFile Name :   | 154CCV_P7071917 -MS. |

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



LB Number : LB88853 Operator : Jaswal  
 Lab Sample ID : CCB42 Instrumnet Name : P7  
 Client Sample ID : CCB42 Dilution Factor : 1  
 Date & Time Acquired :: 2017-07-19 22:17:28 DataFile Name : 155CCBE\_P7071917 -M:

| Parameter  | Mass  | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|------------|-------|---------|---------|---------|------------|---------|-------|
| Aluminium  | 27-2  | 0.32    | -0.62   | 0.08    | -0.08      |         | ppb   |
| Antimony   | 121-1 | 0.00    | 0.00    | 0.00    | 0.00       | 125.92  | ppb   |
| Arsenic    | 75-2  | -0.05   | 0.01    | -0.05   | -0.03      |         | ppb   |
| Barium     | 135-1 | -0.10   | -0.07   | -0.10   | -0.09      |         | ppb   |
| Barium     | 137-1 | -0.05   | -0.05   | -0.05   | -0.05      |         | ppb   |
| Beryllium  | 9-1   | -0.07   | -0.03   | -0.04   | -0.05      |         | ppb   |
| Bismuth    | 209-1 |         |         |         |            |         | %     |
| Bismuth    | 209-2 |         |         |         |            |         | %     |
| Boron      | 10-1  | 1.93    | 1.67    | 2.28    | 1.96       | 15.63   | ppb   |
| Boron      | 11-1  | 1.31    | 1.56    | 1.87    | 1.58       | 17.91   | ppb   |
| Cadmium    | 111-1 | -0.40   | -0.31   | -0.40   | -0.37      |         | ppb   |
| Cadmium    | 106-1 | -4.87   | -3.71   | -4.91   | -4.49      |         | ppb   |
| Cadmium    | 108-1 | -0.07   | -0.07   | -0.11   | -0.09      |         | ppb   |
| Calcium    | 43-1  | 1.46    | 1.43    | 0.69    | 1.19       | 36.80   | ppb   |
| Calcium    | 44-1  | -3.23   | -3.07   | -1.83   | -2.71      |         | ppb   |
| Chromium   | 52-2  | 0.04    | 0.08    | 0.03    | 0.05       | 51.60   | ppb   |
| Cobalt     | 59-2  | -0.09   | -0.09   | -0.08   | -0.08      |         | ppb   |
| Copper     | 63-2  | 0.14    | 0.13    | 0.10    | 0.12       | 18.12   | ppb   |
| Dysprosium | 156-1 |         |         |         |            |         | cps   |
| Dysprosium | 156-2 |         |         |         |            |         | cps   |
| Erbium     | 164-1 |         |         |         |            |         | cps   |
| Erbium     | 164-2 |         |         |         |            |         | cps   |
| Gadolinium | 160-1 |         |         |         |            |         | cps   |
| Gadolinium | 160-2 |         |         |         |            |         | cps   |
| Holmium    | 165-1 |         |         |         |            |         | %     |
| Holmium    | 165-2 |         |         |         |            |         | %     |
| Indium     | 115-1 |         |         |         |            |         | %     |
| Indium     | 115-2 |         |         |         |            |         | %     |
| Iron       | 56-2  | 0.31    | 0.82    | 0.45    | 0.53       | 49.59   | ppb   |
| Iron       | 57-2  | 1.81    | 1.51    | 2.76    | 2.03       | 32.20   | ppb   |
| Lead       | 206-1 | -0.02   | -0.04   | -0.01   | -0.02      |         | ppb   |
| Lead       | 207-1 | -0.02   | -0.01   | -0.04   | -0.02      |         | ppb   |
| Lead       | 208-1 | -0.01   | -0.01   | -0.01   | -0.01      |         | ppb   |
| Lithium    | 6-1   |         |         |         |            |         | %     |
| Magnesium  | 24-2  | -1.46   | -0.65   | -0.05   | -0.72      |         | ppb   |
| Manganese  | 55-2  | -0.05   | 0.03    | 0.03    | 0.00       | 5540.23 | ppb   |

|                         |                     |                   |                     |
|-------------------------|---------------------|-------------------|---------------------|
| LB Number :             | LB88853             | Operator :        | Jaswal              |
| Lab Sample ID :         | CCB42               | Instrumnet Name : | P7                  |
| Client Sample ID :      | CCB42               | Dilution Factor : | 1                   |
| Date & Time Acquired :: | 2017-07-19 22:17:28 | DataFile Name :   | 155CCBE_P7071917 -M |

| Parameter  | Mass  | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|------------|-------|---------|---------|---------|------------|---------|-------|
| Molybdenum | 94-1  | -0.01   | 0.00    | -0.01   | 0.00       |         | ppb   |
| Molybdenum | 95-1  | -0.06   | -0.06   | -0.06   | -0.06      |         | ppb   |
| Molybdenum | 96-1  | -0.04   | -0.01   | -0.04   | -0.03      |         | ppb   |
| Molybdenum | 97-1  | -0.02   | -0.03   | -0.02   | -0.02      |         | ppb   |
| Molybdenum | 98-1  | -0.04   | -0.05   | -0.04   | -0.04      |         | ppb   |
| Neodymium  | 150-1 |         |         |         |            |         | cps   |
| Neodymium  | 150-2 |         |         |         |            |         | cps   |
| Nickel     | 60-2  | -0.53   | -0.56   | -0.49   | -0.53      |         | ppb   |
| Phosphorus | 31-2  | -11.34  | -15.03  | 14.89   | -3.83      |         | ppb   |
| Potassium  | 39-2  | 46.67   | 48.54   | 60.90   | 52.04      | 14.86   | ppb   |
| Rhodium    | 103-1 |         |         |         |            |         | %     |
| Rhodium    | 103-2 |         |         |         |            |         | %     |
| Scandium   | 45-1  |         |         |         |            |         | %     |
| Scandium   | 45-2  |         |         |         |            |         | %     |
| Selenium   | 77-2  | 0.00    | 0.00    | 0.00    | 0.00       | N/A     | ppb   |
| Selenium   | 78-2  | 0.72    | 0.03    | -1.29   | -0.18      |         | ppb   |
| Selenium   | 82-1  | 1.57    | 0.59    | 0.60    | 0.92       | 61.46   | ppb   |
| Silicon    | 28-1  | 17.30   | 15.76   | 15.70   | 16.26      | 5.59    | ppb   |
| Silver     | 109-1 | 0.01    | 0.01    | 0.02    | 0.01       | 62.77   | ppb   |
| Silver     | 107-1 | 0.01    | 0.01    | 0.02    | 0.01       | 13.88   | ppb   |
| Sodium     | 23-2  | 86.55   | 90.64   | 82.81   | 86.67      | 4.52    | ppb   |
| Strontium  | 86-1  | 0.05    | 0.11    | 0.06    | 0.08       | 42.10   | ppb   |
| Strontium  | 88-1  | 0.00    | -0.01   | 0.00    | 0.00       |         | ppb   |
| Sulfur     | 34-1  | 2473.07 | 2385.59 | 2326.32 | 2394.99    | 3.08    | ppb   |
| Terbium    | 159-1 |         |         |         |            |         | %     |
| Terbium    | 159-2 |         |         |         |            |         | %     |
| Thallium   | 203-1 | -0.04   | -0.03   | -0.05   | -0.04      |         | ppb   |
| Thallium   | 205-1 | -0.02   | -0.03   | -0.03   | -0.03      |         | ppb   |
| Tin        | 118-1 | -0.02   | -0.03   | -0.02   | -0.02      |         | ppb   |
| Titanium   | 47-1  | 0.01    | 0.02    | 0.01    | 0.01       | 75.94   | ppb   |
| Uranium    | 238-1 | -0.07   | -0.07   | -0.07   | -0.07      |         | ppb   |
| Vanadium   | 51-2  | -0.03   | -0.02   | -0.02   | -0.02      |         | ppb   |
| Yttrium    | 89-1  |         |         |         |            |         | %     |
| Yttrium    | 89-2  |         |         |         |            |         | %     |
| Zinc       | 66-2  | 0.49    | 0.21    | 0.05    | 0.25       | 89.80   | ppb   |
| Zirconium  | 90-1  | 0.01    | -0.01   | 0.00    | 0.00       |         | ppb   |

|                         |                     |                   |                      |
|-------------------------|---------------------|-------------------|----------------------|
| LB Number :             | LB88853             | Operator :        | Jaswal               |
| Lab Sample ID :         | CCB42               | Instrumnet Name : | P7                   |
| Client Sample ID :      | CCB42               | Dilution Factor : | 1                    |
| Date & Time Acquired :: | 2017-07-19 22:17:28 | DataFile Name :   | 155CCBE_P7071917 -M: |

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

|                         |                     |                   |                     |
|-------------------------|---------------------|-------------------|---------------------|
| LB Number :             | LB88853             | Operator :        | Jaswal              |
| Lab Sample ID :         | I4278-29            | Instrumnet Name : | P7                  |
| Client Sample ID :      | DC3126-29-FL3-BRW-W | Dilution Factor : | 1                   |
| Date & Time Acquired :: | 2017-07-19 22:21:00 | DataFile Name :   | 156SMPL_P7071917 -M |

| Parameter  | Mass  | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|------------|-------|---------|---------|---------|------------|---------|-------|
| Aluminium  | 27-2  | 20.26   | 23.09   | 16.29   | 19.88      | 17.18   | ppb   |
| Antimony   | 121-1 | 0.08    | 0.10    | 0.08    | 0.09       | 15.87   | ppb   |
| Arsenic    | 75-2  | 0.23    | 0.23    | 0.24    | 0.23       | 2.22    | ppb   |
| Barium     | 135-1 | 15.63   | 15.51   | 15.41   | 15.52      | 0.72    | ppb   |
| Barium     | 137-1 | 15.96   | 15.49   | 15.65   | 15.70      | 1.54    | ppb   |
| Beryllium  | 9-1   | -0.10   | -0.05   | -0.05   | -0.06      |         | ppb   |
| Bismuth    | 209-1 |         |         |         |            |         | %     |
| Bismuth    | 209-2 |         |         |         |            |         | %     |
| Boron      | 10-1  | 6.69    | 4.82    | 6.81    | 6.11       | 18.31   | ppb   |
| Boron      | 11-1  | 5.39    | 6.82    | 6.86    | 6.35       | 13.18   | ppb   |
| Cadmium    | 111-1 | -0.09   | -0.14   | -0.09   | -0.11      |         | ppb   |
| Cadmium    | 106-1 | -4.57   | -4.19   | -3.55   | -4.10      |         | ppb   |
| Cadmium    | 108-1 | 0.15    | 0.04    | 0.46    | 0.22       | 101.05  | ppb   |
| Calcium    | 43-1  | 5178.35 | 5184.93 | 5192.41 | 5185.23    | 0.14    | ppb   |
| Calcium    | 44-1  | 5230.00 | 5171.25 | 5099.63 | 5166.96    | 1.26    | ppb   |
| Chromium   | 52-2  | 0.02    | 0.01    | 0.01    | 0.02       | 23.80   | ppb   |
| Cobalt     | 59-2  | 0.14    | 0.13    | 0.14    | 0.14       | 3.20    | ppb   |
| Copper     | 63-2  | 615.80  | 652.89  | 625.59  | 631.43     | 3.04    | ppb   |
| Dysprosium | 156-1 |         |         |         |            |         | cps   |
| Dysprosium | 156-2 |         |         |         |            |         | cps   |
| Erbium     | 164-1 |         |         |         |            |         | cps   |
| Erbium     | 164-2 |         |         |         |            |         | cps   |
| Gadolinium | 160-1 |         |         |         |            |         | cps   |
| Gadolinium | 160-2 |         |         |         |            |         | cps   |
| Holmium    | 165-1 |         |         |         |            |         | %     |
| Holmium    | 165-2 |         |         |         |            |         | %     |
| Indium     | 115-1 |         |         |         |            |         | %     |
| Indium     | 115-2 |         |         |         |            |         | %     |
| Iron       | 56-2  | 87.79   | 90.81   | 89.71   | 89.44      | 1.71    | ppb   |
| Iron       | 57-2  | 86.86   | 90.91   | 96.49   | 91.42      | 5.29    | ppb   |
| Lead       | 206-1 | 1.21    | 1.21    | 1.18    | 1.20       | 1.60    | ppb   |
| Lead       | 207-1 | 1.16    | 1.23    | 1.10    | 1.17       | 5.58    | ppb   |
| Lead       | 208-1 | 1.19    | 1.16    | 1.14    | 1.16       | 2.07    | ppb   |
| Lithium    | 6-1   |         |         |         |            |         | %     |
| Magnesium  | 24-2  | 1191.22 | 1290.92 | 1232.23 | 1238.12    | 4.05    | ppb   |
| Manganese  | 55-2  | 11.10   | 12.47   | 11.21   | 11.59      | 6.54    | ppb   |

|                         |                     |                   |                     |
|-------------------------|---------------------|-------------------|---------------------|
| LB Number :             | LB88853             | Operator :        | Jaswal              |
| Lab Sample ID :         | I4278-29            | Instrumnet Name : | P7                  |
| Client Sample ID :      | DC3126-29-FL3-BRW-W | Dilution Factor : | 1                   |
| Date & Time Acquired :: | 2017-07-19 22:21:00 | DataFile Name :   | 156SMPL_P7071917 -M |

| Parameter  | Mass  | ConRep1 | ConRep2  | ConRep3  | Avg. Conc. | ConcRSD | Units |
|------------|-------|---------|----------|----------|------------|---------|-------|
| Molybdenum | 94-1  | 0.03    | 0.03     | 0.02     | 0.03       | 6.49    | ppb   |
| Molybdenum | 95-1  | -0.03   | -0.03    | -0.02    | -0.03      |         | ppb   |
| Molybdenum | 96-1  | 0.02    | 0.01     | 0.00     | 0.01       | 148.38  | ppb   |
| Molybdenum | 97-1  | 0.03    | -0.01    | 0.03     | 0.01       | 178.98  | ppb   |
| Molybdenum | 98-1  | -0.02   | -0.03    | -0.03    | -0.02      |         | ppb   |
| Neodymium  | 150-1 |         |          |          |            |         | cps   |
| Neodymium  | 150-2 |         |          |          |            |         | cps   |
| Nickel     | 60-2  | 2.06    | 2.32     | 2.08     | 2.16       | 6.81    | ppb   |
| Phosphorus | 31-2  | 523.78  | 442.50   | 482.07   | 482.78     | 8.42    | ppb   |
| Potassium  | 39-2  | 536.20  | 576.72   | 543.22   | 552.05     | 3.92    | ppb   |
| Rhodium    | 103-1 |         |          |          |            |         | %     |
| Rhodium    | 103-2 |         |          |          |            |         | %     |
| Scandium   | 45-1  |         |          |          |            |         | %     |
| Scandium   | 45-2  |         |          |          |            |         | %     |
| Selenium   | 77-2  | 0.95    | 0.00     | 0.00     | 0.32       | 173.21  | ppb   |
| Selenium   | 78-2  | 0.47    | -0.72    | -0.89    | -0.38      |         | ppb   |
| Selenium   | 82-1  | 0.14    | 0.62     | 0.11     | 0.29       | 98.67   | ppb   |
| Silicon    | 28-1  | 1029.69 | 1007.66  | 1000.51  | 1012.62    | 1.50    | ppb   |
| Silver     | 109-1 | 0.05    | 0.05     | 0.04     | 0.05       | 17.05   | ppb   |
| Silver     | 107-1 | 0.04    | 0.05     | 0.05     | 0.05       | 12.67   | ppb   |
| Sodium     | 23-2  | 9972.29 | 10418.86 | 10143.12 | 10178.09   | 2.21    | ppb   |
| Strontium  | 86-1  | 17.65   | 17.82    | 17.86    | 17.78      | 0.64    | ppb   |
| Strontium  | 88-1  | 18.46   | 18.17    | 18.03    | 18.22      | 1.22    | ppb   |
| Sulfur     | 34-1  | 2381.97 | 2431.97  | 2337.00  | 2383.65    | 1.99    | ppb   |
| Terbium    | 159-1 |         |          |          |            |         | %     |
| Terbium    | 159-2 |         |          |          |            |         | %     |
| Thallium   | 203-1 | -0.03   | -0.03    | -0.04    | -0.04      |         | ppb   |
| Thallium   | 205-1 | -0.03   | -0.03    | -0.03    | -0.03      |         | ppb   |
| Tin        | 118-1 | 0.11    | 0.08     | 0.09     | 0.09       | 13.73   | ppb   |
| Titanium   | 47-1  | 0.41    | 0.31     | 0.27     | 0.33       | 22.73   | ppb   |
| Uranium    | 238-1 | -0.06   | -0.05    | -0.06    | -0.06      |         | ppb   |
| Vanadium   | 51-2  | 0.06    | 0.04     | 0.06     | 0.05       | 23.95   | ppb   |
| Yttrium    | 89-1  |         |          |          |            |         | %     |
| Yttrium    | 89-2  |         |          |          |            |         | %     |
| Zinc       | 66-2  | 231.94  | 249.47   | 236.88   | 239.43     | 3.78    | ppb   |
| Zirconium  | 90-1  | 0.05    | 0.05     | 0.03     | 0.04       | 16.84   | ppb   |

|                         |                     |                   |                     |
|-------------------------|---------------------|-------------------|---------------------|
| LB Number :             | LB88853             | Operator :        | Jaswal              |
| Lab Sample ID :         | I4278-29            | Instrumnet Name : | P7                  |
| Client Sample ID :      | DC3126-29-FL3-BRW-W | Dilution Factor : | 1                   |
| Date & Time Acquired :: | 2017-07-19 22:21:00 | DataFile Name :   | 156SMPL_P7071917 -M |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|-----------|------|---------|---------|---------|------------|---------|-------|
| Zirconium | 91-1 | 0.05    | 0.07    | 0.04    | 0.05       | 22.50   | ppb   |

LB Number : LB88853 Operator : Jaswal  
 Lab Sample ID : I4278-30 Instrumnet Name : P7  
 Client Sample ID : DC3126-30-FL3-BRW-W Dilution Factor : 1  
 Date & Time Acquired :: 2017-07-19 22:24:32 DataFile Name : 157SMPL\_P7071917 -M

| Parameter  | Mass  | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|------------|-------|---------|---------|---------|------------|---------|-------|
| Aluminium  | 27-2  | 29.45   | 34.50   | 31.43   | 31.79      | 7.99    | ppb   |
| Antimony   | 121-1 | 0.10    | 0.07    | 0.09    | 0.09       | 17.89   | ppb   |
| Arsenic    | 75-2  | 0.06    | 0.26    | 0.27    | 0.20       | 58.88   | ppb   |
| Barium     | 135-1 | 15.91   | 16.09   | 16.72   | 16.24      | 2.64    | ppb   |
| Barium     | 137-1 | 16.62   | 16.69   | 17.05   | 16.79      | 1.36    | ppb   |
| Beryllium  | 9-1   | -0.03   | -0.09   | 0.04    | -0.02      |         | ppb   |
| Bismuth    | 209-1 |         |         |         |            |         | %     |
| Bismuth    | 209-2 |         |         |         |            |         | %     |
| Boron      | 10-1  | 6.90    | 5.27    | 5.95    | 6.04       | 13.55   | ppb   |
| Boron      | 11-1  | 6.57    | 6.45    | 6.40    | 6.48       | 1.38    | ppb   |
| Cadmium    | 111-1 | -0.31   | -0.28   | -0.12   | -0.24      |         | ppb   |
| Cadmium    | 106-1 | -6.39   | -6.20   | -4.23   | -5.61      |         | ppb   |
| Cadmium    | 108-1 | 0.20    | 0.16    | 0.21    | 0.19       | 12.38   | ppb   |
| Calcium    | 43-1  | 5145.88 | 5265.49 | 5218.78 | 5210.05    | 1.16    | ppb   |
| Calcium    | 44-1  | 5138.82 | 5270.35 | 5245.74 | 5218.30    | 1.34    | ppb   |
| Chromium   | 52-2  | 0.04    | 0.02    | 0.04    | 0.03       | 36.29   | ppb   |
| Cobalt     | 59-2  | 0.14    | 0.16    | 0.12    | 0.14       | 15.81   | ppb   |
| Copper     | 63-2  | 733.13  | 749.01  | 739.12  | 740.42     | 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  | 145.65  | 149.38  | 146.94  | 147.32     | 1.28    | ppb   |
| Iron       | 57-2  | 148.36  | 156.00  | 164.26  | 156.21     | 5.09    | ppb   |
| Lead       | 206-1 | 2.00    | 2.02    | 2.00    | 2.00       | 0.61    | ppb   |
| Lead       | 207-1 | 1.85    | 1.85    | 1.83    | 1.84       | 0.63    | ppb   |
| Lead       | 208-1 | 1.92    | 1.94    | 1.92    | 1.93       | 0.47    | ppb   |
| Lithium    | 6-1   |         |         |         |            |         | %     |
| Magnesium  | 24-2  | 1218.39 | 1236.91 | 1216.30 | 1223.87    | 0.93    | ppb   |
| Manganese  | 55-2  | 16.80   | 17.35   | 18.11   | 17.42      | 3.76    | ppb   |

|                         |                     |                   |                     |
|-------------------------|---------------------|-------------------|---------------------|
| LB Number :             | LB88853             | Operator :        | Jaswal              |
| Lab Sample ID :         | I4278-30            | Instrumnet Name : | P7                  |
| Client Sample ID :      | DC3126-30-FL3-BRW-W | Dilution Factor : | 1                   |
| Date & Time Acquired :: | 2017-07-19 22:24:32 | DataFile Name :   | 157SMPL_P7071917 -M |

| Parameter  | Mass  | ConRep1  | ConRep2  | ConRep3  | Avg. Conc. | ConcRSD | Units |
|------------|-------|----------|----------|----------|------------|---------|-------|
| Molybdenum | 94-1  | 0.04     | 0.01     | 0.02     | 0.02       | 73.25   | ppb   |
| Molybdenum | 95-1  | -0.03    | -0.02    | -0.03    | -0.02      |         | ppb   |
| Molybdenum | 96-1  | -0.01    | 0.00     | 0.01     | 0.00       |         | ppb   |
| Molybdenum | 97-1  | 0.00     | 0.02     | -0.02    | 0.00       | 2376.81 | ppb   |
| Molybdenum | 98-1  | -0.02    | -0.02    | 0.01     | -0.01      |         | ppb   |
| Neodymium  | 150-1 |          |          |          |            |         | cps   |
| Neodymium  | 150-2 |          |          |          |            |         | cps   |
| Nickel     | 60-2  | 1.43     | 1.47     | 1.75     | 1.55       | 11.30   | ppb   |
| Phosphorus | 31-2  | 544.59   | 547.92   | 507.50   | 533.33     | 4.21    | ppb   |
| Potassium  | 39-2  | 529.30   | 570.37   | 561.61   | 553.76     | 3.91    | ppb   |
| Rhodium    | 103-1 |          |          |          |            |         | %     |
| Rhodium    | 103-2 |          |          |          |            |         | %     |
| Scandium   | 45-1  |          |          |          |            |         | %     |
| Scandium   | 45-2  |          |          |          |            |         | %     |
| Selenium   | 77-2  | 0.00     | 0.00     | 0.00     | 0.00       | N/A     | ppb   |
| Selenium   | 78-2  | 1.71     | -1.96    | 0.06     | -0.06      |         | ppb   |
| Selenium   | 82-1  | 0.18     | 0.52     | 0.39     | 0.36       | 46.71   | ppb   |
| Silicon    | 28-1  | 1012.05  | 1032.17  | 1034.06  | 1026.09    | 1.19    | ppb   |
| Silver     | 109-1 | 0.07     | 0.07     | 0.07     | 0.07       | 1.65    | ppb   |
| Silver     | 107-1 | 0.05     | 0.05     | 0.07     | 0.06       | 21.57   | ppb   |
| Sodium     | 23-2  | 10006.79 | 10311.62 | 10139.44 | 10152.62   | 1.51    | ppb   |
| Strontium  | 86-1  | 18.77    | 18.29    | 18.28    | 18.45      | 1.50    | ppb   |
| Strontium  | 88-1  | 18.25    | 18.45    | 18.28    | 18.33      | 0.57    | ppb   |
| Sulfur     | 34-1  | 2458.04  | 2698.66  | 2663.07  | 2606.59    | 4.98    | ppb   |
| Terbium    | 159-1 |          |          |          |            |         | %     |
| Terbium    | 159-2 |          |          |          |            |         | %     |
| Thallium   | 203-1 | -0.04    | -0.04    | -0.04    | -0.04      |         | ppb   |
| Thallium   | 205-1 | -0.03    | -0.03    | -0.04    | -0.04      |         | ppb   |
| Tin        | 118-1 | 0.27     | 0.27     | 0.22     | 0.25       | 10.91   | ppb   |
| Titanium   | 47-1  | 0.25     | 0.56     | 0.44     | 0.42       | 37.49   | ppb   |
| Uranium    | 238-1 | -0.05    | -0.06    | -0.05    | -0.05      |         | ppb   |
| Vanadium   | 51-2  | 0.07     | 0.05     | 0.05     | 0.06       | 21.46   | ppb   |
| Yttrium    | 89-1  |          |          |          |            |         | %     |
| Yttrium    | 89-2  |          |          |          |            |         | %     |
| Zinc       | 66-2  | 113.69   | 119.44   | 116.62   | 116.58     | 2.47    | ppb   |
| Zirconium  | 90-1  | 0.04     | 0.03     | 0.04     | 0.04       | 18.75   | ppb   |



|                         |                     |                   |                     |
|-------------------------|---------------------|-------------------|---------------------|
| LB Number :             | LB88853             | Operator :        | Jaswal              |
| Lab Sample ID :         | I4278-30            | Instrumnet Name : | P7                  |
| Client Sample ID :      | DC3126-30-FL3-BRW-W | Dilution Factor : | 1                   |
| Date & Time Acquired :: | 2017-07-19 22:24:32 | DataFile Name :   | 157SMPL_P7071917 -M |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|-----------|------|---------|---------|---------|------------|---------|-------|
| Zirconium | 91-1 | 0.05    | 0.05    | 0.05    | 0.05       | 4.18    | ppb   |

LB Number : LB88853 Operator : Jaswal  
 Lab Sample ID : I4278-31 Instrumnet Name : P7  
 Client Sample ID : DC3126-31-FL3-BRW-W Dilution Factor : 1  
 Date & Time Acquired :: 2017-07-19 22:28:04 DataFile Name : 158SMPL\_P7071917 -M

| Parameter  | Mass  | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|------------|-------|---------|---------|---------|------------|---------|-------|
| Aluminium  | 27-2  | 9.97    | 6.57    | 14.22   | 10.26      | 37.40   | ppb   |
| Antimony   | 121-1 | 0.05    | 0.06    | 0.05    | 0.06       | 10.85   | ppb   |
| Arsenic    | 75-2  | 0.27    | 0.25    | 0.19    | 0.24       | 18.04   | ppb   |
| Barium     | 135-1 | 14.19   | 14.10   | 14.76   | 14.35      | 2.49    | ppb   |
| Barium     | 137-1 | 14.74   | 15.02   | 14.64   | 14.80      | 1.31    | ppb   |
| Beryllium  | 9-1   | -0.08   | -0.06   | -0.07   | -0.07      |         | ppb   |
| Bismuth    | 209-1 |         |         |         |            |         | %     |
| Bismuth    | 209-2 |         |         |         |            |         | %     |
| Boron      | 10-1  | 6.15    | 3.51    | 5.45    | 5.04       | 27.19   | ppb   |
| Boron      | 11-1  | 4.16    | 4.53    | 5.30    | 4.66       | 12.49   | ppb   |
| Cadmium    | 111-1 | -0.28   | -0.45   | -0.31   | -0.35      |         | ppb   |
| Cadmium    | 106-1 | -3.36   | -5.77   | -3.78   | -4.31      |         | ppb   |
| Cadmium    | 108-1 | -0.11   | -0.04   | 0.04    | -0.04      |         | ppb   |
| Calcium    | 43-1  | 5057.00 | 5085.06 | 5099.61 | 5080.56    | 0.43    | ppb   |
| Calcium    | 44-1  | 5118.79 | 5063.88 | 5162.87 | 5115.18    | 0.97    | ppb   |
| Chromium   | 52-2  | 0.05    | 0.02    | 0.07    | 0.05       | 50.48   | ppb   |
| Cobalt     | 59-2  | -0.04   | -0.04   | -0.04   | -0.04      |         | ppb   |
| Copper     | 63-2  | 326.23  | 321.53  | 325.63  | 324.46     | 0.79    | 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  | 24.50   | 29.14   | 25.52   | 26.39      | 9.23    | ppb   |
| Iron       | 57-2  | 38.55   | 30.99   | 36.65   | 35.40      | 11.10   | ppb   |
| Lead       | 206-1 | 0.66    | 0.63    | 0.67    | 0.65       | 3.07    | ppb   |
| Lead       | 207-1 | 0.64    | 0.57    | 0.61    | 0.60       | 6.00    | ppb   |
| Lead       | 208-1 | 0.66    | 0.61    | 0.65    | 0.64       | 3.94    | ppb   |
| Lithium    | 6-1   |         |         |         |            |         | %     |
| Magnesium  | 24-2  | 1144.51 | 1135.38 | 1119.35 | 1133.08    | 1.12    | ppb   |
| Manganese  | 55-2  | 20.52   | 20.70   | 21.01   | 20.74      | 1.19    | ppb   |

|                         |                     |                   |                     |
|-------------------------|---------------------|-------------------|---------------------|
| LB Number :             | LB88853             | Operator :        | Jaswal              |
| Lab Sample ID :         | I4278-31            | Instrumnet Name : | P7                  |
| Client Sample ID :      | DC3126-31-FL3-BRW-W | Dilution Factor : | 1                   |
| Date & Time Acquired :: | 2017-07-19 22:28:04 | DataFile Name :   | 158SMPL_P7071917 -M |

| Parameter  | Mass  | ConRep1  | ConRep2  | ConRep3  | Avg. Conc. | ConcRSD | Units |
|------------|-------|----------|----------|----------|------------|---------|-------|
| Molybdenum | 94-1  | 0.04     | 0.03     | 0.03     | 0.03       | 14.43   | ppb   |
| Molybdenum | 95-1  | -0.02    | 0.00     | -0.03    | -0.02      |         | ppb   |
| Molybdenum | 96-1  | -0.01    | -0.01    | 0.00     | 0.00       |         | ppb   |
| Molybdenum | 97-1  | 0.00     | 0.01     | 0.01     | 0.01       | 149.02  | ppb   |
| Molybdenum | 98-1  | -0.02    | -0.01    | -0.01    | -0.01      |         | ppb   |
| Neodymium  | 150-1 |          |          |          |            |         | cps   |
| Neodymium  | 150-2 |          |          |          |            |         | cps   |
| Nickel     | 60-2  | 1.46     | 1.38     | 1.47     | 1.43       | 3.44    | ppb   |
| Phosphorus | 31-2  | 469.72   | 556.74   | 600.00   | 542.15     | 12.24   | ppb   |
| Potassium  | 39-2  | 524.28   | 533.80   | 533.44   | 530.50     | 1.02    | ppb   |
| Rhodium    | 103-1 |          |          |          |            |         | %     |
| Rhodium    | 103-2 |          |          |          |            |         | %     |
| Scandium   | 45-1  |          |          |          |            |         | %     |
| Scandium   | 45-2  |          |          |          |            |         | %     |
| Selenium   | 77-2  | 0.00     | 0.00     | 0.00     | 0.00       | N/A     | ppb   |
| Selenium   | 78-2  | -0.48    | -0.54    | -0.49    | -0.50      |         | ppb   |
| Selenium   | 82-1  | 0.44     | 1.38     | 0.54     | 0.79       | 65.88   | ppb   |
| Silicon    | 28-1  | 904.21   | 896.53   | 909.84   | 903.53     | 0.74    | ppb   |
| Silver     | 109-1 | 0.03     | 0.04     | 0.02     | 0.03       | 25.62   | ppb   |
| Silver     | 107-1 | 0.03     | 0.03     | 0.03     | 0.03       | 4.40    | ppb   |
| Sodium     | 23-2  | 10240.15 | 10167.87 | 10323.40 | 10243.81   | 0.76    | ppb   |
| Strontium  | 86-1  | 18.17    | 17.96    | 18.38    | 18.17      | 1.16    | ppb   |
| Strontium  | 88-1  | 17.65    | 17.93    | 17.90    | 17.83      | 0.85    | ppb   |
| Sulfur     | 34-1  | 2459.36  | 2491.42  | 2590.67  | 2513.82    | 2.72    | ppb   |
| Terbium    | 159-1 |          |          |          |            |         | %     |
| Terbium    | 159-2 |          |          |          |            |         | %     |
| Thallium   | 203-1 | -0.04    | -0.03    | -0.03    | -0.04      |         | ppb   |
| Thallium   | 205-1 | -0.03    | -0.03    | -0.03    | -0.03      |         | ppb   |
| Tin        | 118-1 | -0.02    | -0.01    | -0.02    | -0.01      |         | ppb   |
| Titanium   | 47-1  | 0.24     | 0.40     | 0.29     | 0.31       | 26.81   | ppb   |
| Uranium    | 238-1 | -0.06    | -0.06    | -0.06    | -0.06      |         | ppb   |
| Vanadium   | 51-2  | 0.05     | 0.05     | 0.04     | 0.05       | 18.38   | ppb   |
| Yttrium    | 89-1  |          |          |          |            |         | %     |
| Yttrium    | 89-2  |          |          |          |            |         | %     |
| Zinc       | 66-2  | 262.21   | 262.63   | 269.65   | 264.83     | 1.58    | ppb   |
| Zirconium  | 90-1  | 0.03     | 0.05     | 0.04     | 0.04       | 26.09   | ppb   |

|                         |                     |                   |                     |
|-------------------------|---------------------|-------------------|---------------------|
| LB Number :             | LB88853             | Operator :        | Jaswal              |
| Lab Sample ID :         | I4278-31            | Instrumnet Name : | P7                  |
| Client Sample ID :      | DC3126-31-FL3-BRW-W | Dilution Factor : | 1                   |
| Date & Time Acquired :: | 2017-07-19 22:28:04 | DataFile Name :   | 158SMPL_P7071917 -M |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|-----------|------|---------|---------|---------|------------|---------|-------|
| Zirconium | 91-1 | 0.06    | 0.04    | 0.04    | 0.05       | 29.44   | ppb   |

|                         |                     |                   |                     |
|-------------------------|---------------------|-------------------|---------------------|
| LB Number :             | LB88853             | Operator :        | Jaswal              |
| Lab Sample ID :         | I4278-32            | Instrumnet Name : | P7                  |
| Client Sample ID :      | DC3126-32-FL3-BRW-W | Dilution Factor : | 1                   |
| Date & Time Acquired :: | 2017-07-19 22:31:36 | DataFile Name :   | 159SMPL_P7071917 -M |

| Parameter  | Mass  | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|------------|-------|---------|---------|---------|------------|---------|-------|
| Aluminium  | 27-2  | 11.73   | 9.71    | 11.65   | 11.03      | 10.36   | ppb   |
| Antimony   | 121-1 | 0.05    | 0.06    | 0.05    | 0.05       | 11.18   | ppb   |
| Arsenic    | 75-2  | 0.14    | 0.23    | 0.22    | 0.20       | 23.56   | ppb   |
| Barium     | 135-1 | 14.49   | 14.43   | 14.41   | 14.44      | 0.31    | ppb   |
| Barium     | 137-1 | 14.92   | 14.81   | 14.88   | 14.87      | 0.37    | ppb   |
| Beryllium  | 9-1   | -0.06   | -0.10   | -0.04   | -0.07      |         | ppb   |
| Bismuth    | 209-1 |         |         |         |            |         | %     |
| Bismuth    | 209-2 |         |         |         |            |         | %     |
| Boron      | 10-1  | 5.01    | 3.78    | 5.76    | 4.85       | 20.68   | ppb   |
| Boron      | 11-1  | 4.47    | 4.57    | 4.85    | 4.63       | 4.22    | ppb   |
| Cadmium    | 111-1 | -0.38   | -0.35   | -0.18   | -0.31      |         | ppb   |
| Cadmium    | 106-1 | -5.00   | -4.60   | -2.06   | -3.89      |         | ppb   |
| Cadmium    | 108-1 | 0.05    | -0.03   | 0.01    | 0.01       | 517.98  | ppb   |
| Calcium    | 43-1  | 5073.20 | 5181.81 | 5070.51 | 5108.51    | 1.24    | ppb   |
| Calcium    | 44-1  | 5159.63 | 5182.69 | 5085.66 | 5142.66    | 0.99    | ppb   |
| Chromium   | 52-2  | 0.02    | -0.02   | 0.00    | 0.00       | 3547.36 | ppb   |
| Cobalt     | 59-2  | -0.04   | -0.03   | -0.06   | -0.04      |         | ppb   |
| Copper     | 63-2  | 318.62  | 319.59  | 322.37  | 320.19     | 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  | 25.06   | 25.26   | 24.36   | 24.89      | 1.89    | ppb   |
| Iron       | 57-2  | 27.70   | 37.47   | 34.68   | 33.29      | 15.12   | ppb   |
| Lead       | 206-1 | 0.53    | 0.52    | 0.51    | 0.52       | 1.64    | ppb   |
| Lead       | 207-1 | 0.50    | 0.48    | 0.43    | 0.47       | 7.54    | ppb   |
| Lead       | 208-1 | 0.51    | 0.52    | 0.49    | 0.51       | 2.43    | ppb   |
| Lithium    | 6-1   |         |         |         |            |         | %     |
| Magnesium  | 24-2  | 1114.70 | 1118.30 | 1123.39 | 1118.80    | 0.39    | ppb   |
| Manganese  | 55-2  | 19.28   | 19.44   | 18.65   | 19.12      | 2.16    | ppb   |

LB Number : LB88853 Operator : Jaswal  
 Lab Sample ID : I4278-32 Instrumnet Name : P7  
 Client Sample ID : DC3126-32-FL3-BRW-W Dilution Factor : 1  
 Date & Time Acquired :: 2017-07-19 22:31:36 DataFile Name : 159SMPL\_P7071917 -M

| Parameter  | Mass  | ConRep1  | ConRep2  | ConRep3  | Avg. Conc. | ConcRSD | Units |
|------------|-------|----------|----------|----------|------------|---------|-------|
| Molybdenum | 94-1  | 0.03     | 0.02     | 0.04     | 0.03       | 35.21   | ppb   |
| Molybdenum | 95-1  | -0.01    | -0.01    | -0.04    | -0.02      |         | ppb   |
| Molybdenum | 96-1  | -0.01    | -0.02    | 0.01     | -0.01      |         | ppb   |
| Molybdenum | 97-1  | 0.03     | -0.01    | 0.02     | 0.01       | 184.09  | ppb   |
| Molybdenum | 98-1  | -0.02    | 0.00     | 0.01     | 0.00       |         | ppb   |
| Neodymium  | 150-1 |          |          |          |            |         | cps   |
| Neodymium  | 150-2 |          |          |          |            |         | cps   |
| Nickel     | 60-2  | 0.80     | 0.93     | 0.88     | 0.87       | 7.66    | ppb   |
| Phosphorus | 31-2  | 512.10   | 575.38   | 497.60   | 528.36     | 7.83    | ppb   |
| Potassium  | 39-2  | 538.97   | 540.82   | 542.89   | 540.89     | 0.36    | ppb   |
| Rhodium    | 103-1 |          |          |          |            |         | %     |
| Rhodium    | 103-2 |          |          |          |            |         | %     |
| Scandium   | 45-1  |          |          |          |            |         | %     |
| Scandium   | 45-2  |          |          |          |            |         | %     |
| Selenium   | 77-2  | 0.00     | 1.02     | 1.01     | 0.68       | 86.61   | ppb   |
| Selenium   | 78-2  | -0.95    | -1.39    | -1.09    | -1.14      |         | ppb   |
| Selenium   | 82-1  | 1.21     | 1.43     | 0.57     | 1.07       | 41.68   | ppb   |
| Silicon    | 28-1  | 933.51   | 912.86   | 910.39   | 918.92     | 1.38    | ppb   |
| Silver     | 109-1 | 0.03     | 0.04     | 0.03     | 0.04       | 18.80   | ppb   |
| Silver     | 107-1 | 0.02     | 0.03     | 0.03     | 0.03       | 14.77   | ppb   |
| Sodium     | 23-2  | 10054.74 | 10107.32 | 10191.19 | 10117.75   | 0.68    | ppb   |
| Strontium  | 86-1  | 17.77    | 18.53    | 17.41    | 17.91      | 3.20    | ppb   |
| Strontium  | 88-1  | 17.83    | 18.11    | 17.99    | 17.98      | 0.77    | ppb   |
| Sulfur     | 34-1  | 2934.07  | 3042.62  | 2993.06  | 2989.91    | 1.82    | ppb   |
| Terbium    | 159-1 |          |          |          |            |         | %     |
| Terbium    | 159-2 |          |          |          |            |         | %     |
| Thallium   | 203-1 | -0.04    | -0.05    | -0.04    | -0.04      |         | ppb   |
| Thallium   | 205-1 | -0.03    | -0.03    | -0.04    | -0.03      |         | ppb   |
| Tin        | 118-1 | -0.01    | 0.00     | -0.02    | -0.01      |         | ppb   |
| Titanium   | 47-1  | 0.39     | 0.53     | 0.35     | 0.43       | 22.60   | ppb   |
| Uranium    | 238-1 | -0.06    | -0.06    | -0.06    | -0.06      |         | ppb   |
| Vanadium   | 51-2  | 0.04     | 0.04     | 0.08     | 0.05       | 42.46   | ppb   |
| Yttrium    | 89-1  |          |          |          |            |         | %     |
| Yttrium    | 89-2  |          |          |          |            |         | %     |
| Zinc       | 66-2  | 130.32   | 125.26   | 128.36   | 127.98     | 1.99    | ppb   |
| Zirconium  | 90-1  | 0.02     | 0.02     | 0.02     | 0.02       | 16.82   | ppb   |

|                         |                     |                   |                     |
|-------------------------|---------------------|-------------------|---------------------|
| LB Number :             | LB88853             | Operator :        | Jaswal              |
| Lab Sample ID :         | I4278-32            | Instrumnet Name : | P7                  |
| Client Sample ID :      | DC3126-32-FL3-BRW-W | Dilution Factor : | 1                   |
| Date & Time Acquired :: | 2017-07-19 22:31:36 | DataFile Name :   | 159SMPL_P7071917 -M |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|-----------|------|---------|---------|---------|------------|---------|-------|
| Zirconium | 91-1 | -0.01   | 0.04    | 0.21    | 0.08       | 145.95  | ppb   |

LB Number : LB88853 Operator : Jaswal  
 Lab Sample ID : I4278-33 Instrumnet Name : P7  
 Client Sample ID : DC3126-35-FL3-BRW-W Dilution Factor : 1  
 Date & Time Acquired :: 2017-07-19 22:35:08 DataFile Name : 160SMPL\_P7071917 -M1

| Parameter  | Mass  | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|------------|-------|---------|---------|---------|------------|---------|-------|
| Aluminium  | 27-2  | 4.77    | 4.36    | 4.61    | 4.58       | 4.49    | ppb   |
| Antimony   | 121-1 | 0.62    | 0.60    | 0.55    | 0.59       | 6.31    | ppb   |
| Arsenic    | 75-2  | 0.12    | 0.21    | 0.07    | 0.13       | 53.40   | ppb   |
| Barium     | 135-1 | 15.03   | 14.79   | 14.72   | 14.84      | 1.09    | ppb   |
| Barium     | 137-1 | 15.59   | 15.02   | 15.44   | 15.35      | 1.91    | ppb   |
| Beryllium  | 9-1   | -0.06   | -0.10   | -0.07   | -0.08      |         | ppb   |
| Bismuth    | 209-1 |         |         |         |            |         | %     |
| Bismuth    | 209-2 |         |         |         |            |         | %     |
| Boron      | 10-1  | 5.88    | 5.09    | 7.69    | 6.22       | 21.50   | ppb   |
| Boron      | 11-1  | 6.19    | 6.37    | 6.59    | 6.38       | 3.18    | ppb   |
| Cadmium    | 111-1 | 0.01    | -0.08   | -0.10   | -0.05      |         | ppb   |
| Cadmium    | 106-1 | -2.27   | -3.23   | -3.66   | -3.05      |         | ppb   |
| Cadmium    | 108-1 | 0.28    | 0.27    | 0.59    | 0.38       | 47.28   | ppb   |
| Calcium    | 43-1  | 5492.62 | 5163.00 | 5160.48 | 5272.03    | 3.62    | ppb   |
| Calcium    | 44-1  | 5364.71 | 5181.67 | 5207.80 | 5251.39    | 1.89    | ppb   |
| Chromium   | 52-2  | -0.08   | 0.01    | -0.02   | -0.03      |         | ppb   |
| Cobalt     | 59-2  | 0.12    | 0.12    | 0.12    | 0.12       | 0.37    | ppb   |
| Copper     | 63-2  | 578.59  | 655.96  | 627.41  | 620.66     | 6.30    | 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  | 12.46   | 15.19   | 14.03   | 13.89      | 9.86    | ppb   |
| Iron       | 57-2  | 24.86   | 19.58   | 19.97   | 21.47      | 13.72   | ppb   |
| Lead       | 206-1 | 0.65    | 0.59    | 0.55    | 0.59       | 8.13    | ppb   |
| Lead       | 207-1 | 0.67    | 0.56    | 0.51    | 0.58       | 14.15   | ppb   |
| Lead       | 208-1 | 0.63    | 0.56    | 0.54    | 0.58       | 7.99    | ppb   |
| Lithium    | 6-1   |         |         |         |            |         | %     |
| Magnesium  | 24-2  | 1132.59 | 1278.57 | 1247.86 | 1219.68    | 6.31    | ppb   |
| Manganese  | 55-2  | 5.06    | 6.33    | 6.00    | 5.80       | 11.41   | ppb   |



|                         |                     |                   |                     |
|-------------------------|---------------------|-------------------|---------------------|
| LB Number :             | LB88853             | Operator :        | Jaswal              |
| Lab Sample ID :         | I4278-33            | Instrumnet Name : | P7                  |
| Client Sample ID :      | DC3126-35-FL3-BRW-W | Dilution Factor : | 1                   |
| Date & Time Acquired :: | 2017-07-19 22:35:08 | DataFile Name :   | 160SMPL_P7071917 -M |

| Parameter  | Mass  | ConRep1 | ConRep2  | ConRep3  | Avg. Conc. | ConcRSD | Units |
|------------|-------|---------|----------|----------|------------|---------|-------|
| Molybdenum | 94-1  | 0.00    | 0.00     | 0.02     | 0.01       | 144.53  | ppb   |
| Molybdenum | 95-1  | -0.02   | -0.03    | -0.04    | -0.03      |         | ppb   |
| Molybdenum | 96-1  | 0.00    | 0.00     | -0.02    | -0.01      |         | ppb   |
| Molybdenum | 97-1  | 0.04    | -0.01    | 0.00     | 0.01       | 452.01  | ppb   |
| Molybdenum | 98-1  | -0.01   | -0.01    | -0.03    | -0.02      |         | ppb   |
| Neodymium  | 150-1 |         |          |          |            |         | cps   |
| Neodymium  | 150-2 |         |          |          |            |         | cps   |
| Nickel     | 60-2  | 9.12    | 11.08    | 10.31    | 10.17      | 9.70    | ppb   |
| Phosphorus | 31-2  | 140.88  | 127.36   | 108.66   | 125.63     | 12.88   | ppb   |
| Potassium  | 39-2  | 466.28  | 563.04   | 543.29   | 524.21     | 9.75    | ppb   |
| Rhodium    | 103-1 |         |          |          |            |         | %     |
| Rhodium    | 103-2 |         |          |          |            |         | %     |
| Scandium   | 45-1  |         |          |          |            |         | %     |
| Scandium   | 45-2  |         |          |          |            |         | %     |
| Selenium   | 77-2  | 0.00    | 0.00     | 0.00     | 0.00       | N/A     | ppb   |
| Selenium   | 78-2  | -0.24   | 0.55     | -1.53    | -0.41      |         | ppb   |
| Selenium   | 82-1  | 1.17    | 0.77     | 1.21     | 1.05       | 23.04   | ppb   |
| Silicon    | 28-1  | 1044.82 | 1006.00  | 1011.79  | 1020.87    | 2.05    | ppb   |
| Silver     | 109-1 | 0.02    | 0.02     | 0.03     | 0.02       | 34.76   | ppb   |
| Silver     | 107-1 | 0.03    | 0.03     | 0.02     | 0.03       | 17.35   | ppb   |
| Sodium     | 23-2  | 9297.20 | 10745.90 | 10240.49 | 10094.53   | 7.28    | ppb   |
| Strontium  | 86-1  | 18.40   | 18.18    | 17.82    | 18.13      | 1.60    | ppb   |
| Strontium  | 88-1  | 18.50   | 18.23    | 18.27    | 18.33      | 0.79    | ppb   |
| Sulfur     | 34-1  | 2890.22 | 2780.02  | 2627.69  | 2765.98    | 4.77    | ppb   |
| Terbium    | 159-1 |         |          |          |            |         | %     |
| Terbium    | 159-2 |         |          |          |            |         | %     |
| Thallium   | 203-1 | -0.03   | -0.04    | -0.05    | -0.04      |         | ppb   |
| Thallium   | 205-1 | -0.03   | -0.03    | -0.03    | -0.03      |         | ppb   |
| Tin        | 118-1 | 0.27    | 0.22     | 0.21     | 0.23       | 14.59   | ppb   |
| Titanium   | 47-1  | 0.23    | 0.17     | 0.19     | 0.20       | 16.20   | ppb   |
| Uranium    | 238-1 | -0.07   | -0.06    | -0.06    | -0.06      |         | ppb   |
| Vanadium   | 51-2  | 0.03    | 0.02     | 0.03     | 0.03       | 14.61   | ppb   |
| Yttrium    | 89-1  |         |          |          |            |         | %     |
| Yttrium    | 89-2  |         |          |          |            |         | %     |
| Zinc       | 66-2  | 685.81  | 788.93   | 754.58   | 743.10     | 7.07    | ppb   |
| Zirconium  | 90-1  | 0.01    | 0.00     | 0.01     | 0.01       | 53.62   | ppb   |

|                         |                     |                   |                     |
|-------------------------|---------------------|-------------------|---------------------|
| LB Number :             | LB88853             | Operator :        | Jaswal              |
| Lab Sample ID :         | I4278-33            | Instrumnet Name : | P7                  |
| Client Sample ID :      | DC3126-35-FL3-BRW-W | Dilution Factor : | 1                   |
| Date & Time Acquired :: | 2017-07-19 22:35:08 | DataFile Name :   | 160SMPL_P7071917 -M |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|-----------|------|---------|---------|---------|------------|---------|-------|
| Zirconium | 91-1 | 0.00    | -0.01   | 0.01    | 0.00       | 539.65  | ppb   |

LB Number : LB88853 Operator : Jaswal  
 Lab Sample ID : I4278-34 Instrumnet Name : P7  
 Client Sample ID : DC3126-36-FL3-BRW-W Dilution Factor : 1  
 Date & Time Acquired :: 2017-07-19 22:38:40 DataFile Name : 161SMPL\_P7071917 -M1

| Parameter  | Mass  | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|------------|-------|---------|---------|---------|------------|---------|-------|
| Aluminium  | 27-2  | 4.69    | 6.51    | 4.17    | 5.12       | 23.96   | ppb   |
| Antimony   | 121-1 | 0.41    | 0.49    | 0.49    | 0.46       | 9.62    | ppb   |
| Arsenic    | 75-2  | 0.14    | 0.23    | 0.14    | 0.17       | 29.95   | ppb   |
| Barium     | 135-1 | 14.40   | 13.80   | 13.87   | 14.03      | 2.32    | ppb   |
| Barium     | 137-1 | 14.67   | 14.31   | 14.38   | 14.45      | 1.30    | ppb   |
| Beryllium  | 9-1   | -0.08   | -0.03   | -0.02   | -0.04      |         | ppb   |
| Bismuth    | 209-1 |         |         |         |            |         | %     |
| Bismuth    | 209-2 |         |         |         |            |         | %     |
| Boron      | 10-1  | 7.34    | 6.41    | 6.08    | 6.61       | 9.86    | ppb   |
| Boron      | 11-1  | 5.33    | 6.30    | 5.97    | 5.87       | 8.38    | ppb   |
| Cadmium    | 111-1 | -0.10   | -0.07   | -0.08   | -0.08      |         | ppb   |
| Cadmium    | 106-1 | -3.91   | -4.00   | -3.68   | -3.87      |         | ppb   |
| Cadmium    | 108-1 | 0.28    | 0.32    | 0.24    | 0.28       | 13.42   | ppb   |
| Calcium    | 43-1  | 5221.28 | 5105.98 | 5080.61 | 5135.96    | 1.46    | ppb   |
| Calcium    | 44-1  | 5151.29 | 5099.55 | 5126.53 | 5125.79    | 0.50    | ppb   |
| Chromium   | 52-2  | 0.05    | -0.06   | 0.01    | 0.00       |         | ppb   |
| Cobalt     | 59-2  | 0.14    | 0.18    | 0.14    | 0.15       | 15.33   | ppb   |
| Copper     | 63-2  | 611.00  | 588.85  | 575.71  | 591.85     | 3.01    | 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  | 15.24   | 14.71   | 14.97   | 14.98      | 1.76    | ppb   |
| Iron       | 57-2  | 20.54   | 20.55   | 24.25   | 21.78      | 9.81    | ppb   |
| Lead       | 206-1 | 0.76    | 0.69    | 0.71    | 0.72       | 5.15    | ppb   |
| Lead       | 207-1 | 0.70    | 0.73    | 0.71    | 0.71       | 1.70    | ppb   |
| Lead       | 208-1 | 0.71    | 0.70    | 0.69    | 0.70       | 1.13    | ppb   |
| Lithium    | 6-1   |         |         |         |            |         | %     |
| Magnesium  | 24-2  | 1278.95 | 1244.72 | 1222.68 | 1248.78    | 2.27    | ppb   |
| Manganese  | 55-2  | 5.69    | 5.45    | 5.40    | 5.51       | 2.82    | ppb   |

|                         |                     |                   |                     |
|-------------------------|---------------------|-------------------|---------------------|
| LB Number :             | LB88853             | Operator :        | Jaswal              |
| Lab Sample ID :         | I4278-34            | Instrumnet Name : | P7                  |
| Client Sample ID :      | DC3126-36-FL3-BRW-W | Dilution Factor : | 1                   |
| Date & Time Acquired :: | 2017-07-19 22:38:40 | DataFile Name :   | 161SMPL_P7071917 -M |

| Parameter  | Mass  | ConRep1  | ConRep2  | ConRep3  | Avg. Conc. | ConcRSD | Units |
|------------|-------|----------|----------|----------|------------|---------|-------|
| Molybdenum | 94-1  | 0.01     | 0.02     | 0.02     | 0.01       | 18.08   | ppb   |
| Molybdenum | 95-1  | -0.02    | -0.03    | -0.03    | -0.03      |         | ppb   |
| Molybdenum | 96-1  | -0.01    | 0.01     | -0.02    | -0.01      |         | ppb   |
| Molybdenum | 97-1  | 0.01     | 0.02     | -0.01    | 0.00       | 365.54  | ppb   |
| Molybdenum | 98-1  | 0.00     | -0.01    | -0.01    | -0.01      |         | ppb   |
| Neodymium  | 150-1 |          |          |          |            |         | cps   |
| Neodymium  | 150-2 |          |          |          |            |         | cps   |
| Nickel     | 60-2  | 6.73     | 6.83     | 6.48     | 6.68       | 2.75    | ppb   |
| Phosphorus | 31-2  | 221.39   | 120.40   | 173.82   | 171.87     | 29.40   | ppb   |
| Potassium  | 39-2  | 575.45   | 556.46   | 553.34   | 561.75     | 2.13    | ppb   |
| Rhodium    | 103-1 |          |          |          |            |         | %     |
| Rhodium    | 103-2 |          |          |          |            |         | %     |
| Scandium   | 45-1  |          |          |          |            |         | %     |
| Scandium   | 45-2  |          |          |          |            |         | %     |
| Selenium   | 77-2  | 0.00     | 0.00     | 0.00     | 0.00       | N/A     | ppb   |
| Selenium   | 78-2  | -0.55    | -0.11    | -1.01    | -0.56      |         | ppb   |
| Selenium   | 82-1  | 1.56     | 0.32     | 1.44     | 1.11       | 62.02   | ppb   |
| Silicon    | 28-1  | 1005.85  | 996.69   | 1005.82  | 1002.79    | 0.53    | ppb   |
| Silver     | 109-1 | 0.03     | 0.01     | 0.02     | 0.02       | 32.54   | ppb   |
| Silver     | 107-1 | 0.01     | 0.02     | 0.02     | 0.02       | 11.04   | ppb   |
| Sodium     | 23-2  | 10666.50 | 10319.14 | 10076.38 | 10354.01   | 2.86    | ppb   |
| Strontium  | 86-1  | 17.74    | 17.65    | 17.22    | 17.53      | 1.58    | ppb   |
| Strontium  | 88-1  | 17.99    | 17.58    | 17.76    | 17.78      | 1.17    | ppb   |
| Sulfur     | 34-1  | 2722.19  | 2718.22  | 2793.21  | 2744.54    | 1.54    | ppb   |
| Terbium    | 159-1 |          |          |          |            |         | %     |
| Terbium    | 159-2 |          |          |          |            |         | %     |
| Thallium   | 203-1 | -0.04    | -0.03    | -0.04    | -0.04      |         | ppb   |
| Thallium   | 205-1 | -0.03    | -0.03    | -0.03    | -0.03      |         | ppb   |
| Tin        | 118-1 | 0.73     | 0.74     | 0.75     | 0.74       | 1.63    | ppb   |
| Titanium   | 47-1  | 0.12     | 0.23     | 0.11     | 0.15       | 43.77   | ppb   |
| Uranium    | 238-1 | -0.06    | -0.06    | -0.06    | -0.06      |         | ppb   |
| Vanadium   | 51-2  | 0.02     | 0.05     | 0.03     | 0.03       | 44.68   | ppb   |
| Yttrium    | 89-1  |          |          |          |            |         | %     |
| Yttrium    | 89-2  |          |          |          |            |         | %     |
| Zinc       | 66-2  | 312.67   | 300.40   | 299.86   | 304.31     | 2.38    | ppb   |
| Zirconium  | 90-1  | 0.00     | 0.01     | 0.01     | 0.01       | 48.06   | ppb   |

|                         |                     |                   |                     |
|-------------------------|---------------------|-------------------|---------------------|
| LB Number :             | LB88853             | Operator :        | Jaswal              |
| Lab Sample ID :         | I4278-34            | Instrumnet Name : | P7                  |
| Client Sample ID :      | DC3126-36-FL3-BRW-W | Dilution Factor : | 1                   |
| Date & Time Acquired :: | 2017-07-19 22:38:40 | DataFile Name :   | 161SMPL_P7071917 -M |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|-----------|------|---------|---------|---------|------------|---------|-------|
| Zirconium | 91-1 | 0.03    | 0.05    | 0.04    | 0.04       | 25.94   | ppb   |

|                         |                     |                   |                     |
|-------------------------|---------------------|-------------------|---------------------|
| LB Number :             | LB88853             | Operator :        | Jaswal              |
| Lab Sample ID :         | PB100781BL          | Instrumnet Name : | P7                  |
| Client Sample ID :      | PB100781BL          | Dilution Factor : | 1                   |
| Date & Time Acquired :: | 2017-07-19 22:42:12 | DataFile Name :   | 162SMPL_P7071917 -M |

| Parameter  | Mass  | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|------------|-------|---------|---------|---------|------------|---------|-------|
| Aluminium  | 27-2  | 0.34    | 0.79    | -0.62   | 0.17       | 427.40  | ppb   |
| Antimony   | 121-1 | 0.00    | 0.00    | 0.00    | 0.00       | 1026.02 | ppb   |
| Arsenic    | 75-2  | -0.05   | -0.04   | -0.04   | -0.04      |         | ppb   |
| Barium     | 135-1 | -0.10   | -0.08   | -0.09   | -0.09      |         | ppb   |
| Barium     | 137-1 | -0.06   | -0.05   | -0.06   | -0.06      |         | ppb   |
| Beryllium  | 9-1   | -0.03   | -0.05   | -0.10   | -0.06      |         | ppb   |
| Bismuth    | 209-1 |         |         |         |            |         | %     |
| Bismuth    | 209-2 |         |         |         |            |         | %     |
| Boron      | 10-1  | 1.57    | 2.06    | 1.55    | 1.73       | 16.59   | ppb   |
| Boron      | 11-1  | 1.38    | 1.46    | 1.31    | 1.39       | 5.39    | ppb   |
| Cadmium    | 111-1 | -0.41   | -0.46   | -0.45   | -0.44      |         | ppb   |
| Cadmium    | 106-1 | -5.08   | -5.72   | -5.47   | -5.43      |         | ppb   |
| Cadmium    | 108-1 | -0.11   | -0.11   | -0.07   | -0.10      |         | ppb   |
| Calcium    | 43-1  | 0.83    | -3.37   | 0.83    | -0.57      |         | ppb   |
| Calcium    | 44-1  | -2.04   | -0.21   | -0.44   | -0.89      |         | ppb   |
| Chromium   | 52-2  | 0.06    | 0.04    | -0.02   | 0.03       | 134.90  | ppb   |
| Cobalt     | 59-2  | -0.08   | -0.06   | -0.07   | -0.07      |         | ppb   |
| Copper     | 63-2  | 0.12    | 0.09    | 0.17    | 0.13       | 31.09   | 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  | 0.89    | 0.40    | 0.40    | 0.56       | 50.84   | ppb   |
| Iron       | 57-2  | -1.01   | 3.55    | 1.78    | 1.44       | 160.04  | ppb   |
| Lead       | 206-1 | -0.05   | -0.05   | -0.07   | -0.05      |         | ppb   |
| Lead       | 207-1 | -0.02   | -0.05   | -0.04   | -0.04      |         | ppb   |
| Lead       | 208-1 | -0.03   | -0.04   | -0.04   | -0.04      |         | ppb   |
| Lithium    | 6-1   |         |         |         |            |         | %     |
| Magnesium  | 24-2  | 1.30    | 0.86    | -0.38   | 0.59       | 147.07  | ppb   |
| Manganese  | 55-2  | 0.01    | -0.09   | 0.07    | 0.00       |         | ppb   |

|                         |                     |                   |                     |
|-------------------------|---------------------|-------------------|---------------------|
| LB Number :             | LB88853             | Operator :        | Jaswal              |
| Lab Sample ID :         | PB100781BL          | Instrumnet Name : | P7                  |
| Client Sample ID :      | PB100781BL          | Dilution Factor : | 1                   |
| Date & Time Acquired :: | 2017-07-19 22:42:12 | DataFile Name :   | 162SMPL_P7071917 -M |

| Parameter  | Mass  | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|------------|-------|---------|---------|---------|------------|---------|-------|
| Molybdenum | 94-1  | -0.01   | -0.01   | -0.02   | -0.01      |         | ppb   |
| Molybdenum | 95-1  | -0.06   | -0.06   | -0.06   | -0.06      |         | ppb   |
| Molybdenum | 96-1  | -0.04   | -0.03   | -0.04   | -0.04      |         | ppb   |
| Molybdenum | 97-1  | -0.02   | -0.03   | -0.03   | -0.02      |         | ppb   |
| Molybdenum | 98-1  | -0.04   | -0.04   | -0.05   | -0.04      |         | ppb   |
| Neodymium  | 150-1 |         |         |         |            |         | cps   |
| Neodymium  | 150-2 |         |         |         |            |         | cps   |
| Nickel     | 60-2  | -0.49   | -0.53   | -0.51   | -0.51      |         | ppb   |
| Phosphorus | 31-2  | 29.80   | -6.82   | 1.65    | 8.21       | 233.44  | ppb   |
| Potassium  | 39-2  | 56.98   | 42.65   | 58.13   | 52.59      | 16.40   | ppb   |
| Rhodium    | 103-1 |         |         |         |            |         | %     |
| Rhodium    | 103-2 |         |         |         |            |         | %     |
| Scandium   | 45-1  |         |         |         |            |         | %     |
| Scandium   | 45-2  |         |         |         |            |         | %     |
| Selenium   | 77-2  | 1.08    | 0.00    | 0.00    | 0.36       | 173.21  | ppb   |
| Selenium   | 78-2  | 0.77    | -1.24   | 0.02    | -0.15      |         | ppb   |
| Selenium   | 82-1  | -0.63   | 0.13    | 1.72    | 0.41       | 295.35  | ppb   |
| Silicon    | 28-1  | 16.83   | 17.01   | 16.68   | 16.84      | 0.99    | ppb   |
| Silver     | 109-1 | 0.01    | 0.01    | 0.01    | 0.01       | 32.71   | ppb   |
| Silver     | 107-1 | 0.02    | 0.02    | 0.01    | 0.01       | 48.50   | ppb   |
| Sodium     | 23-2  | 80.23   | 78.33   | 84.43   | 80.99      | 3.85    | ppb   |
| Strontium  | 86-1  | 0.12    | 0.11    | 0.15    | 0.13       | 17.56   | ppb   |
| Strontium  | 88-1  | 0.00    | 0.00    | 0.00    | 0.00       |         | ppb   |
| Sulfur     | 34-1  | 2508.08 | 2260.36 | 2631.32 | 2466.59    | 7.66    | ppb   |
| Terbium    | 159-1 |         |         |         |            |         | %     |
| Terbium    | 159-2 |         |         |         |            |         | %     |
| Thallium   | 203-1 | -0.03   | -0.04   | -0.03   | -0.04      |         | ppb   |
| Thallium   | 205-1 | -0.02   | -0.03   | -0.03   | -0.03      |         | ppb   |
| Tin        | 118-1 | -0.03   | 0.00    | 0.00    | -0.01      |         | ppb   |
| Titanium   | 47-1  | 0.08    | -0.02   | -0.01   | 0.02       | 329.02  | ppb   |
| Uranium    | 238-1 | -0.07   | -0.07   | -0.07   | -0.07      |         | ppb   |
| Vanadium   | 51-2  | -0.03   | -0.02   | -0.03   | -0.03      |         | ppb   |
| Yttrium    | 89-1  |         |         |         |            |         | %     |
| Yttrium    | 89-2  |         |         |         |            |         | %     |
| Zinc       | 66-2  | 0.17    | -0.02   | 0.32    | 0.15       | 110.96  | ppb   |
| Zirconium  | 90-1  | 0.00    | 0.00    | 0.00    | 0.00       |         | ppb   |

|                         |                     |                   |                     |
|-------------------------|---------------------|-------------------|---------------------|
| LB Number :             | LB88853             | Operator :        | Jaswal              |
| Lab Sample ID :         | PB100781BL          | Instrumnet Name : | P7                  |
| Client Sample ID :      | PB100781BL          | Dilution Factor : | 1                   |
| Date & Time Acquired :: | 2017-07-19 22:42:12 | DataFile Name :   | 162SMPL_P7071917 -M |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|-----------|------|---------|---------|---------|------------|---------|-------|
| Zirconium | 91-1 | 0.00    | 0.02    | 0.01    | 0.01       | 65.67   | ppb   |



LB Number : LB88853 Operator : Jaswal  
 Lab Sample ID : PB100781BS Instrumnet Name : P7  
 Client Sample ID : PB100781BS Dilution Factor : 1  
 Date & Time Acquired :: 2017-07-19 22:45:44 DataFile Name : 163SMPL\_P7071917 -M8

| Parameter  | Mass  | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|------------|-------|---------|---------|---------|------------|---------|-------|
| Aluminium  | 27-2  | 0.11    | -0.13   | 0.58    | 0.19       | 196.46  | ppb   |
| Antimony   | 121-1 | 0.00    | 0.01    | 0.00    | 0.00       | 144.08  | ppb   |
| Arsenic    | 75-2  | -0.02   | -0.05   | -0.04   | -0.04      |         | ppb   |
| Barium     | 135-1 | -0.10   | -0.08   | -0.09   | -0.09      |         | ppb   |
| Barium     | 137-1 | -0.05   | -0.06   | -0.05   | -0.05      |         | ppb   |
| Beryllium  | 9-1   | -0.01   | -0.07   | -0.06   | -0.05      |         | ppb   |
| Bismuth    | 209-1 |         |         |         |            |         | %     |
| Bismuth    | 209-2 |         |         |         |            |         | %     |
| Boron      | 10-1  | 0.71    | 2.14    | 1.86    | 1.57       | 48.44   | ppb   |
| Boron      | 11-1  | 1.29    | 1.84    | 1.54    | 1.56       | 17.66   | ppb   |
| Cadmium    | 111-1 | -0.28   | -0.43   | -0.34   | -0.35      |         | ppb   |
| Cadmium    | 106-1 | -3.29   | -5.23   | -4.06   | -4.19      |         | ppb   |
| Cadmium    | 108-1 | -0.11   | 0.02    | -0.07   | -0.06      |         | ppb   |
| Calcium    | 43-1  | 6.91    | 11.50   | 7.62    | 8.68       | 28.48   | ppb   |
| Calcium    | 44-1  | 0.62    | 1.56    | 3.51    | 1.90       | 77.61   | ppb   |
| Chromium   | 52-2  | 0.01    | -0.03   | 0.00    | -0.01      |         | ppb   |
| Cobalt     | 59-2  | -0.08   | -0.06   | -0.07   | -0.07      |         | ppb   |
| Copper     | 63-2  | 0.07    | 0.11    | 0.09    | 0.09       | 24.07   | 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  | 0.34    | 0.21    | 0.29    | 0.28       | 23.90   | ppb   |
| Iron       | 57-2  | -0.21   | 0.86    | 0.75    | 0.47       | 126.27  | ppb   |
| Lead       | 206-1 | 486.05  | 489.55  | 500.15  | 491.92     | 1.49    | ppb   |
| Lead       | 207-1 | 477.05  | 482.91  | 496.02  | 485.33     | 2.00    | ppb   |
| Lead       | 208-1 | 487.79  | 491.22  | 503.95  | 494.32     | 1.72    | ppb   |
| Lithium    | 6-1   |         |         |         |            |         | %     |
| Magnesium  | 24-2  | 2.08    | 2.01    | -0.77   | 1.11       | 146.69  | ppb   |
| Manganese  | 55-2  | 0.03    | 0.04    | -0.07   | 0.00       | 4069.51 | ppb   |

|                         |                     |                   |                     |
|-------------------------|---------------------|-------------------|---------------------|
| LB Number :             | LB88853             | Operator :        | Jaswal              |
| Lab Sample ID :         | PB100781BS          | Instrumnet Name : | P7                  |
| Client Sample ID :      | PB100781BS          | Dilution Factor : | 1                   |
| Date & Time Acquired :: | 2017-07-19 22:45:44 | DataFile Name :   | 163SMPL_P7071917 -M |

| Parameter  | Mass  | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|------------|-------|---------|---------|---------|------------|---------|-------|
| Molybdenum | 94-1  | -0.01   | 0.01    | 0.00    | 0.00       |         | ppb   |
| Molybdenum | 95-1  | -0.06   | -0.05   | -0.05   | -0.06      |         | ppb   |
| Molybdenum | 96-1  | -0.04   | -0.03   | -0.03   | -0.03      |         | ppb   |
| Molybdenum | 97-1  | -0.02   | -0.03   | -0.03   | -0.03      |         | ppb   |
| Molybdenum | 98-1  | -0.04   | -0.05   | -0.04   | -0.04      |         | ppb   |
| Neodymium  | 150-1 |         |         |         |            |         | cps   |
| Neodymium  | 150-2 |         |         |         |            |         | cps   |
| Nickel     | 60-2  | -0.50   | -0.46   | -0.51   | -0.49      |         | ppb   |
| Phosphorus | 31-2  | -19.42  | -0.81   | 16.56   | -1.22      |         | ppb   |
| Potassium  | 39-2  | 56.92   | 57.91   | 57.63   | 57.49      | 0.89    | ppb   |
| Rhodium    | 103-1 |         |         |         |            |         | %     |
| Rhodium    | 103-2 |         |         |         |            |         | %     |
| Scandium   | 45-1  |         |         |         |            |         | %     |
| Scandium   | 45-2  |         |         |         |            |         | %     |
| Selenium   | 77-2  | 0.00    | 1.11    | 0.00    | 0.37       | 173.21  | ppb   |
| Selenium   | 78-2  | 0.67    | -1.88   | 0.66    | -0.18      |         | ppb   |
| Selenium   | 82-1  | 0.21    | 0.67    | 1.05    | 0.64       | 65.89   | ppb   |
| Silicon    | 28-1  | 14.94   | 16.41   | 19.91   | 17.08      | 14.94   | ppb   |
| Silver     | 109-1 | 0.01    | 0.01    | 0.01    | 0.01       | 35.79   | ppb   |
| Silver     | 107-1 | 0.01    | 0.01    | 0.02    | 0.01       | 44.77   | ppb   |
| Sodium     | 23-2  | 87.30   | 83.04   | 82.91   | 84.42      | 2.96    | ppb   |
| Strontium  | 86-1  | 0.07    | 0.10    | 0.10    | 0.09       | 18.13   | ppb   |
| Strontium  | 88-1  | 0.00    | 0.00    | 0.00    | 0.00       |         | ppb   |
| Sulfur     | 34-1  | 2133.45 | 2409.31 | 2903.11 | 2481.96    | 15.71   | ppb   |
| Terbium    | 159-1 |         |         |         |            |         | %     |
| Terbium    | 159-2 |         |         |         |            |         | %     |
| Thallium   | 203-1 | -0.03   | -0.04   | -0.03   | -0.03      |         | ppb   |
| Thallium   | 205-1 | -0.03   | -0.03   | -0.03   | -0.03      |         | ppb   |
| Tin        | 118-1 | -0.09   | -0.09   | -0.09   | -0.09      |         | ppb   |
| Titanium   | 47-1  | -0.01   | -0.02   | 0.10    | 0.02       | 314.76  | ppb   |
| Uranium    | 238-1 | -0.07   | -0.07   | -0.07   | -0.07      |         | ppb   |
| Vanadium   | 51-2  | -0.03   | -0.02   | -0.03   | -0.02      |         | ppb   |
| Yttrium    | 89-1  |         |         |         |            |         | %     |
| Yttrium    | 89-2  |         |         |         |            |         | %     |
| Zinc       | 66-2  | 0.63    | 0.41    | 0.40    | 0.48       | 26.95   | ppb   |
| Zirconium  | 90-1  | 0.00    | -0.01   | -0.01   | -0.01      |         | ppb   |

|                         |                     |                   |                     |
|-------------------------|---------------------|-------------------|---------------------|
| LB Number :             | LB88853             | Operator :        | Jaswal              |
| Lab Sample ID :         | PB100781BS          | Instrumnet Name : | P7                  |
| Client Sample ID :      | PB100781BS          | Dilution Factor : | 1                   |
| Date & Time Acquired :: | 2017-07-19 22:45:44 | DataFile Name :   | 163SMPL_P7071917 -M |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|-----------|------|---------|---------|---------|------------|---------|-------|
| Zirconium | 91-1 | 0.00    | 0.00    | 0.01    | 0.00       | 153.61  | ppb   |

LB Number : LB88853 Operator : Jaswal  
 Lab Sample ID : I4279-01 Instrumnet Name : P7  
 Client Sample ID : DC3126-38-FL3-CL311-V Dilution Factor : 1  
 Date & Time Acquired :: 2017-07-19 22:49:16 DataFile Name : 164SMPL\_P7071917 -M

| Parameter  | Mass  | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|------------|-------|---------|---------|---------|------------|---------|-------|
| Aluminium  | 27-2  | 2.06    | -0.01   | 1.25    | 1.10       | 94.90   | ppb   |
| Antimony   | 121-1 | 0.01    | 0.01    | 0.00    | 0.01       | 55.51   | ppb   |
| Arsenic    | 75-2  | -0.04   | -0.03   | 0.03    | -0.01      |         | ppb   |
| Barium     | 135-1 | 0.02    | -0.01   | -0.01   | 0.00       |         | ppb   |
| Barium     | 137-1 | 0.02    | 0.04    | 0.05    | 0.04       | 43.20   | ppb   |
| Beryllium  | 9-1   | -0.07   | -0.03   | -0.08   | -0.06      |         | ppb   |
| Bismuth    | 209-1 |         |         |         |            |         | %     |
| Bismuth    | 209-2 |         |         |         |            |         | %     |
| Boron      | 10-1  | 4.71    | 5.95    | 6.58    | 5.75       | 16.54   | ppb   |
| Boron      | 11-1  | 5.57    | 5.50    | 6.14    | 5.74       | 6.12    | ppb   |
| Cadmium    | 111-1 | -0.41   | -0.32   | -0.37   | -0.37      |         | ppb   |
| Cadmium    | 106-1 | -5.08   | -3.80   | -4.52   | -4.47      |         | ppb   |
| Cadmium    | 108-1 | -0.08   | -0.08   | -0.04   | -0.06      |         | ppb   |
| Calcium    | 43-1  | 7893.25 | 7890.72 | 7832.23 | 7872.07    | 0.44    | ppb   |
| Calcium    | 44-1  | 7955.96 | 7838.67 | 7825.72 | 7873.45    | 0.91    | ppb   |
| Chromium   | 52-2  | 0.06    | 0.03    | 0.08    | 0.06       | 42.84   | ppb   |
| Cobalt     | 59-2  | -0.07   | -0.08   | -0.08   | -0.08      |         | ppb   |
| Copper     | 63-2  | 0.01    | -0.02   | 0.01    | 0.00       | 1884.92 | ppb   |
| Dysprosium | 156-1 |         |         |         |            |         | cps   |
| Dysprosium | 156-2 |         |         |         |            |         | cps   |
| Erbium     | 164-1 |         |         |         |            |         | cps   |
| Erbium     | 164-2 |         |         |         |            |         | cps   |
| Gadolinium | 160-1 |         |         |         |            |         | cps   |
| Gadolinium | 160-2 |         |         |         |            |         | cps   |
| Holmium    | 165-1 |         |         |         |            |         | %     |
| Holmium    | 165-2 |         |         |         |            |         | %     |
| Indium     | 115-1 |         |         |         |            |         | %     |
| Indium     | 115-2 |         |         |         |            |         | %     |
| Iron       | 56-2  | 0.52    | 0.56    | 0.44    | 0.51       | 12.32   | ppb   |
| Iron       | 57-2  | 9.86    | 6.33    | 9.58    | 8.59       | 22.86   | ppb   |
| Lead       | 206-1 | -0.02   | -0.02   | -0.05   | -0.03      |         | ppb   |
| Lead       | 207-1 | -0.05   | 0.00    | -0.01   | -0.02      |         | ppb   |
| Lead       | 208-1 | -0.03   | -0.02   | -0.02   | -0.02      |         | ppb   |
| Lithium    | 6-1   |         |         |         |            |         | %     |
| Magnesium  | 24-2  | 3109.42 | 3112.04 | 3112.56 | 3111.34    | 0.05    | ppb   |
| Manganese  | 55-2  | -0.05   | -0.03   | 0.02    | -0.02      |         | ppb   |

LB Number : LB88853 Operator : Jaswal  
 Lab Sample ID : I4279-01 Instrumnet Name : P7  
 Client Sample ID : DC3126-38-FL3-CL311-V Dilution Factor : 1  
 Date & Time Acquired :: 2017-07-19 22:49:16 DataFile Name : 164SMPL\_P7071917 -M

| Parameter  | Mass  | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|------------|-------|---------|---------|---------|------------|---------|-------|
| Molybdenum | 94-1  | -0.01   | -0.02   | -0.01   | -0.01      |         | ppb   |
| Molybdenum | 95-1  | -0.06   | -0.06   | -0.06   | -0.06      |         | ppb   |
| Molybdenum | 96-1  | -0.04   | -0.03   | -0.03   | -0.03      |         | ppb   |
| Molybdenum | 97-1  | -0.03   | -0.03   | -0.02   | -0.03      |         | ppb   |
| Molybdenum | 98-1  | -0.05   | -0.05   | -0.05   | -0.05      |         | ppb   |
| Neodymium  | 150-1 |         |         |         |            |         | cps   |
| Neodymium  | 150-2 |         |         |         |            |         | cps   |
| Nickel     | 60-2  | -0.35   | -0.46   | -0.44   | -0.41      |         | ppb   |
| Phosphorus | 31-2  | -3.59   | -19.25  | -18.79  | -13.88     |         | ppb   |
| Potassium  | 39-2  | 40.65   | 45.18   | 60.71   | 48.85      | 21.55   | ppb   |
| Rhodium    | 103-1 |         |         |         |            |         | %     |
| Rhodium    | 103-2 |         |         |         |            |         | %     |
| Scandium   | 45-1  |         |         |         |            |         | %     |
| Scandium   | 45-2  |         |         |         |            |         | %     |
| Selenium   | 77-2  | 0.00    | 0.00    | 0.00    | 0.00       | N/A     | ppb   |
| Selenium   | 78-2  | 0.23    | -0.10   | -0.08   | 0.02       | 1212.04 | ppb   |
| Selenium   | 82-1  | 0.56    | -0.21   | 0.21    | 0.18       | 209.80  | ppb   |
| Silicon    | 28-1  | 11.75   | 9.75    | 10.58   | 10.69      | 9.36    | ppb   |
| Silver     | 109-1 | 0.01    | 0.01    | 0.01    | 0.01       | 7.87    | ppb   |
| Silver     | 107-1 | 0.01    | 0.01    | 0.01    | 0.01       | 22.91   | ppb   |
| Sodium     | 23-2  | 6468.40 | 6394.14 | 6477.18 | 6446.57    | 0.71    | ppb   |
| Strontium  | 86-1  | 1.45    | 1.21    | 1.27    | 1.31       | 9.21    | ppb   |
| Strontium  | 88-1  | 1.33    | 1.29    | 1.25    | 1.29       | 3.28    | ppb   |
| Sulfur     | 34-1  | 5567.62 | 5357.78 | 5626.07 | 5517.16    | 2.56    | ppb   |
| Terbium    | 159-1 |         |         |         |            |         | %     |
| Terbium    | 159-2 |         |         |         |            |         | %     |
| Thallium   | 203-1 | -0.05   | -0.04   | -0.04   | -0.04      |         | ppb   |
| Thallium   | 205-1 | -0.03   | -0.03   | -0.04   | -0.03      |         | ppb   |
| Tin        | 118-1 | -0.09   | -0.09   | -0.10   | -0.09      |         | ppb   |
| Titanium   | 47-1  | 0.01    | 0.06    | -0.01   | 0.02       | 186.01  | ppb   |
| Uranium    | 238-1 | -0.07   | -0.07   | -0.07   | -0.07      |         | ppb   |
| Vanadium   | 51-2  | -0.02   | -0.03   | -0.02   | -0.03      |         | ppb   |
| Yttrium    | 89-1  |         |         |         |            |         | %     |
| Yttrium    | 89-2  |         |         |         |            |         | %     |
| Zinc       | 66-2  | 0.28    | 0.29    | 0.26    | 0.28       | 6.14    | ppb   |
| Zirconium  | 90-1  | 0.00    | 0.00    | -0.01   | 0.00       |         | ppb   |

|                         |                       |                   |                     |
|-------------------------|-----------------------|-------------------|---------------------|
| LB Number :             | LB88853               | Operator :        | Jaswal              |
| Lab Sample ID :         | I4279-01              | Instrumnet Name : | P7                  |
| Client Sample ID :      | DC3126-38-FL3-CL311-V | Dilution Factor : | 1                   |
| Date & Time Acquired :: | 2017-07-19 22:49:16   | DataFile Name :   | 164SMPL_P7071917 -M |

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

LB Number : LB88853 Operator : Jaswal  
 Lab Sample ID : I4279-02 Instrumnet Name : P7  
 Client Sample ID : DC3126-39-FL3-CL311-V Dilution Factor : 1  
 Date & Time Acquired :: 2017-07-19 22:52:47 DataFile Name : 165SMPL\_P7071917 -M

| Parameter  | Mass  | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|------------|-------|---------|---------|---------|------------|---------|-------|
| Aluminium  | 27-2  | 2.74    | 2.19    | 1.26    | 2.06       | 36.27   | ppb   |
| Antimony   | 121-1 | 0.00    | 0.00    | 0.00    | 0.00       |         | ppb   |
| Arsenic    | 75-2  | -0.06   | 0.01    | 0.00    | -0.02      |         | ppb   |
| Barium     | 135-1 | 0.01    | 0.00    | -0.02   | 0.00       |         | ppb   |
| Barium     | 137-1 | 0.04    | 0.04    | 0.04    | 0.04       | 4.89    | ppb   |
| Beryllium  | 9-1   | -0.03   | -0.05   | -0.07   | -0.05      |         | ppb   |
| Bismuth    | 209-1 |         |         |         |            |         | %     |
| Bismuth    | 209-2 |         |         |         |            |         | %     |
| Boron      | 10-1  | 6.19    | 5.63    | 5.30    | 5.71       | 7.92    | ppb   |
| Boron      | 11-1  | 5.28    | 5.52    | 5.59    | 5.46       | 2.99    | ppb   |
| Cadmium    | 111-1 | -0.38   | -0.31   | -0.30   | -0.33      |         | ppb   |
| Cadmium    | 106-1 | -4.60   | -3.69   | -3.57   | -3.95      |         | ppb   |
| Cadmium    | 108-1 | -0.08   | -0.08   | 0.00    | -0.05      |         | ppb   |
| Calcium    | 43-1  | 7630.83 | 7728.69 | 7551.45 | 7636.99    | 1.16    | ppb   |
| Calcium    | 44-1  | 7709.77 | 7682.51 | 7508.46 | 7633.58    | 1.43    | ppb   |
| Chromium   | 52-2  | 0.11    | 0.04    | 0.07    | 0.07       | 44.02   | ppb   |
| Cobalt     | 59-2  | -0.08   | -0.08   | -0.08   | -0.08      |         | ppb   |
| Copper     | 63-2  | 0.01    | -0.03   | 0.00    | 0.00       |         | ppb   |
| Dysprosium | 156-1 |         |         |         |            |         | cps   |
| Dysprosium | 156-2 |         |         |         |            |         | cps   |
| Erbium     | 164-1 |         |         |         |            |         | cps   |
| Erbium     | 164-2 |         |         |         |            |         | cps   |
| Gadolinium | 160-1 |         |         |         |            |         | cps   |
| Gadolinium | 160-2 |         |         |         |            |         | cps   |
| Holmium    | 165-1 |         |         |         |            |         | %     |
| Holmium    | 165-2 |         |         |         |            |         | %     |
| Indium     | 115-1 |         |         |         |            |         | %     |
| Indium     | 115-2 |         |         |         |            |         | %     |
| Iron       | 56-2  | 0.39    | 0.43    | 0.07    | 0.30       | 66.81   | ppb   |
| Iron       | 57-2  | 8.65    | 11.27   | 9.66    | 9.86       | 13.43   | ppb   |
| Lead       | 206-1 | -0.04   | -0.04   | -0.06   | -0.05      |         | ppb   |
| Lead       | 207-1 | -0.03   | 0.01    | -0.04   | -0.02      |         | ppb   |
| Lead       | 208-1 | -0.03   | -0.02   | -0.03   | -0.02      |         | ppb   |
| Lithium    | 6-1   |         |         |         |            |         | %     |
| Magnesium  | 24-2  | 3105.80 | 3207.76 | 3107.57 | 3140.37    | 1.86    | ppb   |
| Manganese  | 55-2  | -0.04   | -0.05   | -0.06   | -0.05      |         | ppb   |

LB Number : LB88853 Operator : Jaswal  
 Lab Sample ID : I4279-02 Instrumnet Name : P7  
 Client Sample ID : DC3126-39-FL3-CL311-V Dilution Factor : 1  
 Date & Time Acquired :: 2017-07-19 22:52:47 DataFile Name : 165SMPL\_P7071917 -M

| Parameter  | Mass  | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|------------|-------|---------|---------|---------|------------|---------|-------|
| Molybdenum | 94-1  | 0.00    | -0.02   | -0.02   | -0.01      |         | ppb   |
| Molybdenum | 95-1  | -0.05   | -0.06   | -0.06   | -0.06      |         | ppb   |
| Molybdenum | 96-1  | -0.03   | -0.02   | -0.03   | -0.03      |         | ppb   |
| Molybdenum | 97-1  | -0.03   | -0.02   | -0.01   | -0.02      |         | ppb   |
| Molybdenum | 98-1  | -0.05   | -0.05   | -0.04   | -0.05      |         | ppb   |
| Neodymium  | 150-1 |         |         |         |            |         | cps   |
| Neodymium  | 150-2 |         |         |         |            |         | cps   |
| Nickel     | 60-2  | -0.35   | -0.36   | -0.48   | -0.39      |         | ppb   |
| Phosphorus | 31-2  | -6.75   | -13.85  | -22.57  | -14.39     |         | ppb   |
| Potassium  | 39-2  | 53.30   | 59.11   | 44.17   | 52.19      | 14.43   | ppb   |
| Rhodium    | 103-1 |         |         |         |            |         | %     |
| Rhodium    | 103-2 |         |         |         |            |         | %     |
| Scandium   | 45-1  |         |         |         |            |         | %     |
| Scandium   | 45-2  |         |         |         |            |         | %     |
| Selenium   | 77-2  | 0.00    | 0.00    | 0.00    | 0.00       | N/A     | ppb   |
| Selenium   | 78-2  | 0.42    | -0.45   | 0.32    | 0.10       | 492.80  | ppb   |
| Selenium   | 82-1  | 1.00    | 0.17    | 0.58    | 0.58       | 70.58   | ppb   |
| Silicon    | 28-1  | 11.89   | 12.23   | 11.34   | 11.82      | 3.79    | ppb   |
| Silver     | 109-1 | 0.01    | 0.01    | 0.01    | 0.01       | 6.60    | ppb   |
| Silver     | 107-1 | 0.02    | 0.01    | 0.01    | 0.01       | 44.46   | ppb   |
| Sodium     | 23-2  | 6388.51 | 6588.56 | 6336.06 | 6437.71    | 2.07    | ppb   |
| Strontium  | 86-1  | 1.33    | 1.17    | 1.31    | 1.27       | 6.75    | ppb   |
| Strontium  | 88-1  | 1.31    | 1.29    | 1.29    | 1.29       | 0.79    | ppb   |
| Sulfur     | 34-1  | 5314.78 | 5326.37 | 5215.40 | 5285.52    | 1.15    | ppb   |
| Terbium    | 159-1 |         |         |         |            |         | %     |
| Terbium    | 159-2 |         |         |         |            |         | %     |
| Thallium   | 203-1 | -0.04   | -0.04   | -0.04   | -0.04      |         | ppb   |
| Thallium   | 205-1 | -0.03   | -0.03   | -0.04   | -0.03      |         | ppb   |
| Tin        | 118-1 | -0.12   | -0.11   | -0.10   | -0.11      |         | ppb   |
| Titanium   | 47-1  | 0.02    | 0.02    | -0.02   | 0.00       | 466.94  | ppb   |
| Uranium    | 238-1 | -0.07   | -0.06   | -0.07   | -0.07      |         | ppb   |
| Vanadium   | 51-2  | -0.02   | -0.03   | -0.02   | -0.02      |         | ppb   |
| Yttrium    | 89-1  |         |         |         |            |         | %     |
| Yttrium    | 89-2  |         |         |         |            |         | %     |
| Zinc       | 66-2  | 0.26    | 0.25    | 0.42    | 0.31       | 30.46   | ppb   |
| Zirconium  | 90-1  | -0.02   | -0.01   | 0.00    | -0.01      |         | ppb   |



|                         |                       |                   |                     |
|-------------------------|-----------------------|-------------------|---------------------|
| LB Number :             | LB88853               | Operator :        | Jaswal              |
| Lab Sample ID :         | I4279-02              | Instrumnet Name : | P7                  |
| Client Sample ID :      | DC3126-39-FL3-CL311-V | Dilution Factor : | 1                   |
| Date & Time Acquired :: | 2017-07-19 22:52:47   | DataFile Name :   | 165SMPL_P7071917 -M |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|-----------|------|---------|---------|---------|------------|---------|-------|
| Zirconium | 91-1 | 0.00    | 0.01    | 0.02    | 0.01       | 122.27  | ppb   |

LB Number : LB88853 Operator : Jaswal  
 Lab Sample ID : CCV43 Instrumnet Name : P7  
 Client Sample ID : CCV43 Dilution Factor : 1  
 Date & Time Acquired :: 2017-07-19 22:56:19 DataFile Name : 166CCV\_P7071917 -MS.

| Parameter  | Mass  | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|------------|-------|---------|---------|---------|------------|---------|-------|
| Aluminium  | 27-2  | -0.15   | -0.15   | 0.57    | 0.09       | 448.92  | ppb   |
| Antimony   | 121-1 | 0.00    | 0.00    | 0.01    | 0.00       | 123.29  | ppb   |
| Arsenic    | 75-2  | -0.06   | -0.01   | -0.01   | -0.03      |         | ppb   |
| Barium     | 135-1 | -0.09   | -0.07   | -0.08   | -0.08      |         | ppb   |
| Barium     | 137-1 | -0.04   | -0.06   | -0.04   | -0.05      |         | ppb   |
| Beryllium  | 9-1   | -0.05   | -0.08   | -0.10   | -0.08      |         | ppb   |
| Bismuth    | 209-1 |         |         |         |            |         | %     |
| Bismuth    | 209-2 |         |         |         |            |         | %     |
| Boron      | 10-1  | 1.63    | 1.68    | 0.53    | 1.28       | 50.64   | ppb   |
| Boron      | 11-1  | 1.96    | 0.79    | 1.30    | 1.35       | 43.53   | ppb   |
| Cadmium    | 111-1 | -0.39   | -0.39   | -0.36   | -0.38      |         | ppb   |
| Cadmium    | 106-1 | -4.87   | -4.71   | -4.34   | -4.64      |         | ppb   |
| Cadmium    | 108-1 | -0.11   | -0.03   | -0.11   | -0.09      |         | ppb   |
| Calcium    | 43-1  | 8.07    | 14.82   | 11.41   | 11.43      | 29.55   | ppb   |
| Calcium    | 44-1  | 4.97    | 6.35    | 5.88    | 5.73       | 12.28   | ppb   |
| Chromium   | 52-2  | 0.01    | 0.01    | -0.02   | 0.00       |         | ppb   |
| Cobalt     | 59-2  | -0.07   | -0.07   | -0.07   | -0.07      |         | ppb   |
| Copper     | 63-2  | 0.03    | 0.12    | 0.07    | 0.07       | 58.62   | 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  | 0.52    | 0.72    | 0.68    | 0.64       | 16.13   | ppb   |
| Iron       | 57-2  | 1.42    | 2.89    | 1.91    | 2.07       | 36.09   | ppb   |
| Lead       | 206-1 | 493.64  | 496.52  | 500.97  | 497.04     | 0.74    | ppb   |
| Lead       | 207-1 | 488.96  | 486.08  | 492.14  | 489.06     | 0.62    | ppb   |
| Lead       | 208-1 | 499.07  | 496.10  | 500.81  | 498.66     | 0.48    | ppb   |
| Lithium    | 6-1   |         |         |         |            |         | %     |
| Magnesium  | 24-2  | -0.68   | -0.18   | 0.98    | 0.04       | 2162.67 | ppb   |
| Manganese  | 55-2  | 0.05    | -0.06   | 0.04    | 0.01       | 457.81  | ppb   |

|                         |                     |                   |                      |
|-------------------------|---------------------|-------------------|----------------------|
| LB Number :             | LB88853             | Operator :        | Jaswal               |
| Lab Sample ID :         | CCV43               | Instrumnet Name : | P7                   |
| Client Sample ID :      | CCV43               | Dilution Factor : | 1                    |
| Date & Time Acquired :: | 2017-07-19 22:56:19 | DataFile Name :   | 166CCV_P7071917 -MS. |

| Parameter  | Mass  | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|------------|-------|---------|---------|---------|------------|---------|-------|
| Molybdenum | 94-1  | -0.01   | -0.01   | -0.01   | -0.01      |         | ppb   |
| Molybdenum | 95-1  | -0.05   | -0.06   | -0.06   | -0.06      |         | ppb   |
| Molybdenum | 96-1  | -0.03   | -0.03   | -0.03   | -0.03      |         | ppb   |
| Molybdenum | 97-1  | -0.02   | -0.03   | -0.04   | -0.03      |         | ppb   |
| Molybdenum | 98-1  | -0.05   | -0.04   | -0.05   | -0.04      |         | ppb   |
| Neodymium  | 150-1 |         |         |         |            |         | cps   |
| Neodymium  | 150-2 |         |         |         |            |         | cps   |
| Nickel     | 60-2  | -0.54   | -0.47   | -0.49   | -0.50      |         | ppb   |
| Phosphorus | 31-2  | -1.97   | 15.81   | 11.37   | 8.40       | 110.15  | ppb   |
| Potassium  | 39-2  | 57.17   | 56.34   | 59.31   | 57.60      | 2.66    | ppb   |
| Rhodium    | 103-1 |         |         |         |            |         | %     |
| Rhodium    | 103-2 |         |         |         |            |         | %     |
| Scandium   | 45-1  |         |         |         |            |         | %     |
| Scandium   | 45-2  |         |         |         |            |         | %     |
| Selenium   | 77-2  | 0.00    | 0.00    | 0.00    | 0.00       | N/A     | ppb   |
| Selenium   | 78-2  | 1.36    | -0.51   | -1.05   | -0.07      |         | ppb   |
| Selenium   | 82-1  | -0.29   | 0.69    | 0.76    | 0.39       | 152.94  | ppb   |
| Silicon    | 28-1  | 16.35   | 18.99   | 18.20   | 17.85      | 7.61    | ppb   |
| Silver     | 109-1 | 0.01    | 0.01    | 0.02    | 0.01       | 15.61   | ppb   |
| Silver     | 107-1 | 0.01    | 0.00    | 0.01    | 0.01       | 57.13   | ppb   |
| Sodium     | 23-2  | 79.97   | 82.89   | 76.05   | 79.64      | 4.31    | ppb   |
| Strontium  | 86-1  | 0.07    | 0.12    | 0.15    | 0.11       | 37.34   | ppb   |
| Strontium  | 88-1  | 0.00    | 0.00    | 0.00    | 0.00       | 37.81   | ppb   |
| Sulfur     | 34-1  | 2846.61 | 2790.51 | 2973.27 | 2870.13    | 3.26    | ppb   |
| Terbium    | 159-1 |         |         |         |            |         | %     |
| Terbium    | 159-2 |         |         |         |            |         | %     |
| Thallium   | 203-1 | -0.03   | -0.03   | -0.03   | -0.03      |         | ppb   |
| Thallium   | 205-1 | -0.02   | -0.03   | -0.02   | -0.03      |         | ppb   |
| Tin        | 118-1 | -0.08   | -0.09   | -0.09   | -0.09      |         | ppb   |
| Titanium   | 47-1  | -0.05   | 0.10    | -0.01   | 0.01       | 625.58  | ppb   |
| Uranium    | 238-1 | -0.07   | -0.07   | -0.07   | -0.07      |         | ppb   |
| Vanadium   | 51-2  | -0.03   | -0.03   | -0.02   | -0.03      |         | ppb   |
| Yttrium    | 89-1  |         |         |         |            |         | %     |
| Yttrium    | 89-2  |         |         |         |            |         | %     |
| Zinc       | 66-2  | 0.89    | 1.04    | 0.94    | 0.96       | 7.73    | ppb   |
| Zirconium  | 90-1  | 0.01    | -0.01   | 0.00    | 0.00       |         | ppb   |

|                         |                     |                   |                      |
|-------------------------|---------------------|-------------------|----------------------|
| LB Number :             | LB88853             | Operator :        | Jaswal               |
| Lab Sample ID :         | CCV43               | Instrumnet Name : | P7                   |
| Client Sample ID :      | CCV43               | Dilution Factor : | 1                    |
| Date & Time Acquired :: | 2017-07-19 22:56:19 | DataFile Name :   | 166CCV_P7071917 -MS. |

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

LB Number : LB88853 Operator : Jaswal  
 Lab Sample ID : CCB43 Instrumnet Name : P7  
 Client Sample ID : CCB43 Dilution Factor : 1  
 Date & Time Acquired :: 2017-07-19 22:59:51 DataFile Name : 167CCBE\_P7071917 -M:

| Parameter  | Mass  | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|------------|-------|---------|---------|---------|------------|---------|-------|
| Aluminium  | 27-2  | 0.27    | 1.43    | 0.57    | 0.76       | 79.28   | ppb   |
| Antimony   | 121-1 | 0.00    | 0.00    | 0.01    | 0.00       | 186.54  | ppb   |
| Arsenic    | 75-2  | -0.05   | -0.04   | -0.04   | -0.04      |         | ppb   |
| Barium     | 135-1 | -0.09   | -0.07   | -0.06   | -0.07      |         | ppb   |
| Barium     | 137-1 | -0.06   | -0.04   | -0.05   | -0.05      |         | ppb   |
| Beryllium  | 9-1   | -0.11   | -0.11   | -0.06   | -0.09      |         | ppb   |
| Bismuth    | 209-1 |         |         |         |            |         | %     |
| Bismuth    | 209-2 |         |         |         |            |         | %     |
| Boron      | 10-1  | 1.36    | 0.47    | 0.58    | 0.80       | 60.18   | ppb   |
| Boron      | 11-1  | 1.22    | 0.49    | 1.21    | 0.97       | 42.82   | ppb   |
| Cadmium    | 111-1 | -0.36   | -0.37   | -0.40   | -0.38      |         | ppb   |
| Cadmium    | 106-1 | -4.39   | -4.60   | -4.87   | -4.62      |         | ppb   |
| Cadmium    | 108-1 | -0.11   | -0.07   | -0.07   | -0.09      |         | ppb   |
| Calcium    | 43-1  | 4.47    | -1.60   | -4.29   | -0.47      |         | ppb   |
| Calcium    | 44-1  | -2.53   | -2.29   | -2.95   | -2.59      |         | ppb   |
| Chromium   | 52-2  | 0.02    | 0.07    | 0.06    | 0.05       | 52.86   | ppb   |
| Cobalt     | 59-2  | -0.08   | -0.08   | -0.07   | -0.08      |         | ppb   |
| Copper     | 63-2  | 0.03    | -0.01   | 0.06    | 0.03       | 125.36  | 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  | 0.67    | 0.56    | 0.40    | 0.54       | 25.60   | ppb   |
| Iron       | 57-2  | 1.24    | 2.99    | -1.79   | 0.81       | 297.88  | ppb   |
| Lead       | 206-1 | -0.01   | 0.00    | -0.02   | -0.01      |         | ppb   |
| Lead       | 207-1 | 0.01    | 0.01    | -0.01   | 0.00       | 333.98  | ppb   |
| Lead       | 208-1 | 0.00    | 0.01    | -0.01   | 0.00       | 416.00  | ppb   |
| Lithium    | 6-1   |         |         |         |            |         | %     |
| Magnesium  | 24-2  | -0.66   | 0.01    | 0.02    | -0.21      |         | ppb   |
| Manganese  | 55-2  | -0.03   | -0.05   | -0.10   | -0.06      |         | ppb   |

|                         |                     |                   |                      |
|-------------------------|---------------------|-------------------|----------------------|
| LB Number :             | LB88853             | Operator :        | Jaswal               |
| Lab Sample ID :         | CCB43               | Instrumnet Name : | P7                   |
| Client Sample ID :      | CCB43               | Dilution Factor : | 1                    |
| Date & Time Acquired :: | 2017-07-19 22:59:51 | DataFile Name :   | 167CCBE_P7071917 -M: |

| Parameter  | Mass  | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|------------|-------|---------|---------|---------|------------|---------|-------|
| Molybdenum | 94-1  | -0.01   | -0.01   | -0.01   | -0.01      |         | ppb   |
| Molybdenum | 95-1  | -0.06   | -0.06   | -0.06   | -0.06      |         | ppb   |
| Molybdenum | 96-1  | -0.03   | -0.04   | -0.03   | -0.03      |         | ppb   |
| Molybdenum | 97-1  | -0.04   | -0.01   | -0.04   | -0.03      |         | ppb   |
| Molybdenum | 98-1  | -0.05   | -0.05   | -0.04   | -0.05      |         | ppb   |
| Neodymium  | 150-1 |         |         |         |            |         | cps   |
| Neodymium  | 150-2 |         |         |         |            |         | cps   |
| Nickel     | 60-2  | -0.49   | -0.47   | -0.44   | -0.47      |         | ppb   |
| Phosphorus | 31-2  | -25.37  | -12.32  | 20.20   | -5.83      |         | ppb   |
| Potassium  | 39-2  | 35.86   | 41.99   | 54.40   | 44.08      | 21.43   | ppb   |
| Rhodium    | 103-1 |         |         |         |            |         | %     |
| Rhodium    | 103-2 |         |         |         |            |         | %     |
| Scandium   | 45-1  |         |         |         |            |         | %     |
| Scandium   | 45-2  |         |         |         |            |         | %     |
| Selenium   | 77-2  | 0.00    | 0.00    | 0.00    | 0.00       | N/A     | ppb   |
| Selenium   | 78-2  | 0.02    | -1.71   | 0.96    | -0.25      |         | ppb   |
| Selenium   | 82-1  | 0.62    | -0.03   | 0.54    | 0.38       | 93.56   | ppb   |
| Silicon    | 28-1  | 17.24   | 14.62   | 15.15   | 15.67      | 8.83    | ppb   |
| Silver     | 109-1 | 0.01    | 0.01    | 0.00    | 0.01       | 27.67   | ppb   |
| Silver     | 107-1 | 0.01    | 0.01    | 0.01    | 0.01       | 20.47   | ppb   |
| Sodium     | 23-2  | 73.73   | 77.79   | 73.80   | 75.11      | 3.09    | ppb   |
| Strontium  | 86-1  | 0.07    | 0.07    | 0.03    | 0.06       | 35.32   | ppb   |
| Strontium  | 88-1  | 0.00    | 0.00    | 0.00    | 0.00       |         | ppb   |
| Sulfur     | 34-1  | 2548.82 | 2253.26 | 2475.16 | 2425.75    | 6.34    | ppb   |
| Terbium    | 159-1 |         |         |         |            |         | %     |
| Terbium    | 159-2 |         |         |         |            |         | %     |
| Thallium   | 203-1 | -0.04   | -0.04   | -0.03   | -0.03      |         | ppb   |
| Thallium   | 205-1 | -0.03   | -0.02   | -0.02   | -0.02      |         | ppb   |
| Tin        | 118-1 | 0.01    | -0.02   | -0.03   | -0.01      |         | ppb   |
| Titanium   | 47-1  | -0.03   | -0.04   | -0.03   | -0.03      |         | ppb   |
| Uranium    | 238-1 | -0.07   | -0.07   | -0.07   | -0.07      |         | ppb   |
| Vanadium   | 51-2  | -0.02   | -0.02   | -0.03   | -0.02      |         | ppb   |
| Yttrium    | 89-1  |         |         |         |            |         | %     |
| Yttrium    | 89-2  |         |         |         |            |         | %     |
| Zinc       | 66-2  | 0.04    | -0.04   | 0.07    | 0.02       | 258.68  | ppb   |
| Zirconium  | 90-1  | 0.00    | -0.01   | 0.01    | 0.00       |         | ppb   |

|                         |                     |                   |                      |
|-------------------------|---------------------|-------------------|----------------------|
| LB Number :             | LB88853             | Operator :        | Jaswal               |
| Lab Sample ID :         | CCB43               | Instrumnet Name : | P7                   |
| Client Sample ID :      | CCB43               | Dilution Factor : | 1                    |
| Date & Time Acquired :: | 2017-07-19 22:59:51 | DataFile Name :   | 167CCBE_P7071917 -M: |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|-----------|------|---------|---------|---------|------------|---------|-------|
| Zirconium | 91-1 | 0.03    | -0.02   | -0.01   | 0.00       |         | ppb   |

LB Number : LB88853 Operator : Jaswal  
 Lab Sample ID : I4279-03 Instrumnet Name : P7  
 Client Sample ID : DC3126-40-FL3-CL311-V Dilution Factor : 1  
 Date & Time Acquired :: 2017-07-19 23:03:23 DataFile Name : 168SMPL\_P7071917 -M

| Parameter  | Mass  | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|------------|-------|---------|---------|---------|------------|---------|-------|
| Aluminium  | 27-2  | 11.05   | 10.17   | 10.84   | 10.69      | 4.32    | ppb   |
| Antimony   | 121-1 | 0.05    | 0.05    | 0.04    | 0.05       | 5.03    | ppb   |
| Arsenic    | 75-2  | 0.18    | 0.11    | 0.30    | 0.20       | 48.89   | ppb   |
| Barium     | 135-1 | 15.62   | 15.11   | 15.11   | 15.28      | 1.92    | ppb   |
| Barium     | 137-1 | 15.42   | 15.50   | 15.28   | 15.40      | 0.73    | ppb   |
| Beryllium  | 9-1   | -0.10   | -0.08   | -0.07   | -0.08      |         | ppb   |
| Bismuth    | 209-1 |         |         |         |            |         | %     |
| Bismuth    | 209-2 |         |         |         |            |         | %     |
| Boron      | 10-1  | 3.73    | 4.48    | 3.73    | 3.98       | 10.78   | ppb   |
| Boron      | 11-1  | 3.34    | 4.34    | 3.77    | 3.81       | 13.20   | ppb   |
| Cadmium    | 111-1 | -0.21   | -0.36   | -0.25   | -0.27      |         | ppb   |
| Cadmium    | 106-1 | -2.65   | -4.48   | -3.20   | -3.44      |         | ppb   |
| Cadmium    | 108-1 | 0.04    | 0.04    | 0.19    | 0.09       | 99.07   | ppb   |
| Calcium    | 43-1  | 5247.49 | 5212.60 | 5191.58 | 5217.22    | 0.54    | ppb   |
| Calcium    | 44-1  | 5259.18 | 5249.40 | 5253.83 | 5254.13    | 0.09    | ppb   |
| Chromium   | 52-2  | 0.02    | -0.03   | 0.08    | 0.02       | 237.60  | ppb   |
| Cobalt     | 59-2  | -0.07   | -0.06   | -0.06   | -0.06      |         | ppb   |
| Copper     | 63-2  | 233.18  | 234.57  | 235.93  | 234.56     | 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  | 24.97   | 24.68   | 23.67   | 24.44      | 2.80    | ppb   |
| Iron       | 57-2  | 33.29   | 29.06   | 30.94   | 31.10      | 6.81    | ppb   |
| Lead       | 206-1 | 0.25    | 0.19    | 0.27    | 0.23       | 18.84   | ppb   |
| Lead       | 207-1 | 0.22    | 0.21    | 0.25    | 0.23       | 9.27    | ppb   |
| Lead       | 208-1 | 0.23    | 0.21    | 0.26    | 0.23       | 11.78   | ppb   |
| Lithium    | 6-1   |         |         |         |            |         | %     |
| Magnesium  | 24-2  | 1119.54 | 1130.12 | 1123.31 | 1124.32    | 0.48    | ppb   |
| Manganese  | 55-2  | 9.16    | 8.88    | 9.48    | 9.18       | 3.26    | ppb   |



|                         |                       |                   |                     |
|-------------------------|-----------------------|-------------------|---------------------|
| LB Number :             | LB88853               | Operator :        | Jaswal              |
| Lab Sample ID :         | I4279-03              | Instrumnet Name : | P7                  |
| Client Sample ID :      | DC3126-40-FL3-CL311-V | Dilution Factor : | 1                   |
| Date & Time Acquired :: | 2017-07-19 23:03:23   | DataFile Name :   | 168SMPL_P7071917 -M |

| Parameter  | Mass  | ConRep1  | ConRep2  | ConRep3  | Avg. Conc. | ConcRSD | Units |
|------------|-------|----------|----------|----------|------------|---------|-------|
| Molybdenum | 94-1  | 0.04     | 0.03     | 0.04     | 0.04       | 12.88   | ppb   |
| Molybdenum | 95-1  | -0.01    | 0.00     | -0.03    | -0.01      |         | ppb   |
| Molybdenum | 96-1  | -0.02    | 0.00     | 0.00     | -0.01      |         | ppb   |
| Molybdenum | 97-1  | 0.04     | -0.02    | 0.01     | 0.01       | 291.55  | ppb   |
| Molybdenum | 98-1  | -0.01    | -0.01    | -0.01    | -0.01      |         | ppb   |
| Neodymium  | 150-1 |          |          |          |            |         | cps   |
| Neodymium  | 150-2 |          |          |          |            |         | cps   |
| Nickel     | 60-2  | 0.42     | 0.39     | 0.47     | 0.43       | 10.10   | ppb   |
| Phosphorus | 31-2  | 546.37   | 495.84   | 628.83   | 557.01     | 12.05   | ppb   |
| Potassium  | 39-2  | 517.69   | 516.64   | 534.06   | 522.80     | 1.87    | ppb   |
| Rhodium    | 103-1 |          |          |          |            |         | %     |
| Rhodium    | 103-2 |          |          |          |            |         | %     |
| Scandium   | 45-1  |          |          |          |            |         | %     |
| Scandium   | 45-2  |          |          |          |            |         | %     |
| Selenium   | 77-2  | 0.94     | 0.00     | 0.00     | 0.31       | 173.21  | ppb   |
| Selenium   | 78-2  | -1.29    | -0.80    | 0.35     | -0.58      |         | ppb   |
| Selenium   | 82-1  | 1.02     | 0.57     | 0.92     | 0.84       | 28.19   | ppb   |
| Silicon    | 28-1  | 909.99   | 916.46   | 912.12   | 912.86     | 0.36    | ppb   |
| Silver     | 109-1 | 0.02     | 0.02     | 0.02     | 0.02       | 16.90   | ppb   |
| Silver     | 107-1 | 0.02     | 0.01     | 0.01     | 0.02       | 24.89   | ppb   |
| Sodium     | 23-2  | 10134.74 | 10114.55 | 10193.45 | 10147.58   | 0.40    | ppb   |
| Strontium  | 86-1  | 18.36    | 18.25    | 18.50    | 18.37      | 0.68    | ppb   |
| Strontium  | 88-1  | 18.19    | 18.17    | 18.22    | 18.19      | 0.16    | ppb   |
| Sulfur     | 34-1  | 2741.21  | 2815.86  | 2718.35  | 2758.47    | 1.85    | ppb   |
| Terbium    | 159-1 |          |          |          |            |         | %     |
| Terbium    | 159-2 |          |          |          |            |         | %     |
| Thallium   | 203-1 | -0.03    | -0.04    | -0.04    | -0.04      |         | ppb   |
| Thallium   | 205-1 | -0.03    | -0.03    | -0.03    | -0.03      |         | ppb   |
| Tin        | 118-1 | -0.02    | -0.03    | -0.03    | -0.03      |         | ppb   |
| Titanium   | 47-1  | 0.32     | 0.40     | 0.23     | 0.32       | 26.42   | ppb   |
| Uranium    | 238-1 | -0.06    | -0.06    | -0.06    | -0.06      |         | ppb   |
| Vanadium   | 51-2  | 0.06     | 0.05     | 0.04     | 0.05       | 19.65   | ppb   |
| Yttrium    | 89-1  |          |          |          |            |         | %     |
| Yttrium    | 89-2  |          |          |          |            |         | %     |
| Zinc       | 66-2  | 387.34   | 390.28   | 395.33   | 390.98     | 1.03    | ppb   |
| Zirconium  | 90-1  | 0.07     | 0.05     | 0.03     | 0.05       | 45.92   | ppb   |

|                         |                       |                   |                     |
|-------------------------|-----------------------|-------------------|---------------------|
| LB Number :             | LB88853               | Operator :        | Jaswal              |
| Lab Sample ID :         | I4279-03              | Instrumnet Name : | P7                  |
| Client Sample ID :      | DC3126-40-FL3-CL311-V | Dilution Factor : | 1                   |
| Date & Time Acquired :: | 2017-07-19 23:03:23   | DataFile Name :   | 168SMPL_P7071917 -M |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|-----------|------|---------|---------|---------|------------|---------|-------|
| Zirconium | 91-1 | 0.03    | 0.05    | 0.06    | 0.04       | 35.77   | ppb   |

LB Number : LB88853 Operator : Jaswal  
 Lab Sample ID : I4279-04 Instrumnet Name : P7  
 Client Sample ID : DC3126-41-FL3-CL311-V Dilution Factor : 1  
 Date & Time Acquired :: 2017-07-19 23:06:55 DataFile Name : 169SMPL\_P7071917 -M

| Parameter  | Mass  | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|------------|-------|---------|---------|---------|------------|---------|-------|
| Aluminium  | 27-2  | 15.00   | 14.85   | 12.24   | 14.03      | 11.05   | ppb   |
| Antimony   | 121-1 | 0.05    | 0.05    | 0.06    | 0.05       | 13.76   | ppb   |
| Arsenic    | 75-2  | 0.22    | 0.14    | 0.22    | 0.19       | 23.92   | ppb   |
| Barium     | 135-1 | 16.07   | 16.47   | 16.11   | 16.21      | 1.35    | ppb   |
| Barium     | 137-1 | 16.07   | 16.61   | 16.52   | 16.40      | 1.75    | ppb   |
| Beryllium  | 9-1   | -0.10   | -0.08   | 0.00    | -0.06      |         | ppb   |
| Bismuth    | 209-1 |         |         |         |            |         | %     |
| Bismuth    | 209-2 |         |         |         |            |         | %     |
| Boron      | 10-1  | 3.89    | 4.08    | 3.76    | 3.91       | 4.07    | ppb   |
| Boron      | 11-1  | 3.36    | 3.54    | 3.95    | 3.62       | 8.44    | ppb   |
| Cadmium    | 111-1 | -0.40   | -0.42   | -0.29   | -0.37      |         | ppb   |
| Cadmium    | 106-1 | -5.00   | -5.17   | -3.56   | -4.58      |         | ppb   |
| Cadmium    | 108-1 | 0.00    | 0.00    | -0.11   | -0.04      |         | ppb   |
| Calcium    | 43-1  | 5225.11 | 5182.76 | 5049.41 | 5152.43    | 1.78    | ppb   |
| Calcium    | 44-1  | 5153.88 | 5196.04 | 5147.24 | 5165.72    | 0.51    | ppb   |
| Chromium   | 52-2  | 0.02    | 0.00    | -0.01   | 0.00       | 447.27  | ppb   |
| Cobalt     | 59-2  | -0.06   | -0.05   | -0.06   | -0.06      |         | ppb   |
| Copper     | 63-2  | 167.39  | 169.93  | 172.23  | 169.85     | 1.43    | ppb   |
| Dysprosium | 156-1 |         |         |         |            |         | cps   |
| Dysprosium | 156-2 |         |         |         |            |         | cps   |
| Erbium     | 164-1 |         |         |         |            |         | cps   |
| Erbium     | 164-2 |         |         |         |            |         | cps   |
| Gadolinium | 160-1 |         |         |         |            |         | cps   |
| Gadolinium | 160-2 |         |         |         |            |         | cps   |
| Holmium    | 165-1 |         |         |         |            |         | %     |
| Holmium    | 165-2 |         |         |         |            |         | %     |
| Indium     | 115-1 |         |         |         |            |         | %     |
| Indium     | 115-2 |         |         |         |            |         | %     |
| Iron       | 56-2  | 27.16   | 26.86   | 29.59   | 27.87      | 5.36    | ppb   |
| Iron       | 57-2  | 33.14   | 38.24   | 35.98   | 35.79      | 7.14    | ppb   |
| Lead       | 206-1 | 0.36    | 0.38    | 0.42    | 0.39       | 8.37    | ppb   |
| Lead       | 207-1 | 0.34    | 0.39    | 0.37    | 0.37       | 6.31    | ppb   |
| Lead       | 208-1 | 0.37    | 0.38    | 0.40    | 0.39       | 4.24    | ppb   |
| Lithium    | 6-1   |         |         |         |            |         | %     |
| Magnesium  | 24-2  | 1118.03 | 1126.31 | 1140.73 | 1128.36    | 1.02    | ppb   |
| Manganese  | 55-2  | 12.01   | 12.81   | 12.52   | 12.45      | 3.27    | ppb   |

LB Number : LB88853 Operator : Jaswal  
 Lab Sample ID : I4279-04 Instrumnet Name : P7  
 Client Sample ID : DC3126-41-FL3-CL311-V Dilution Factor : 1  
 Date & Time Acquired :: 2017-07-19 23:06:55 DataFile Name : 169SMPL\_P7071917 -M

| Parameter  | Mass  | ConRep1  | ConRep2  | ConRep3  | Avg. Conc. | ConcRSD | Units |
|------------|-------|----------|----------|----------|------------|---------|-------|
| Molybdenum | 94-1  | 0.03     | 0.04     | 0.04     | 0.04       | 11.58   | ppb   |
| Molybdenum | 95-1  | -0.02    | -0.02    | 0.00     | -0.01      |         | ppb   |
| Molybdenum | 96-1  | 0.01     | 0.01     | 0.00     | 0.01       | 103.01  | ppb   |
| Molybdenum | 97-1  | -0.01    | 0.01     | 0.01     | 0.00       | 361.50  | ppb   |
| Molybdenum | 98-1  | -0.02    | -0.03    | -0.01    | -0.02      |         | ppb   |
| Neodymium  | 150-1 |          |          |          |            |         | cps   |
| Neodymium  | 150-2 |          |          |          |            |         | cps   |
| Nickel     | 60-2  | 0.20     | 0.16     | 0.10     | 0.16       | 32.61   | ppb   |
| Phosphorus | 31-2  | 625.11   | 652.61   | 663.18   | 646.97     | 3.04    | ppb   |
| Potassium  | 39-2  | 516.88   | 536.00   | 521.13   | 524.67     | 1.91    | ppb   |
| Rhodium    | 103-1 |          |          |          |            |         | %     |
| Rhodium    | 103-2 |          |          |          |            |         | %     |
| Scandium   | 45-1  |          |          |          |            |         | %     |
| Scandium   | 45-2  |          |          |          |            |         | %     |
| Selenium   | 77-2  | 0.00     | 0.00     | 0.00     | 0.00       | N/A     | ppb   |
| Selenium   | 78-2  | -0.41    | -0.43    | -0.10    | -0.31      |         | ppb   |
| Selenium   | 82-1  | 0.98     | 0.78     | 0.04     | 0.60       | 83.22   | ppb   |
| Silicon    | 28-1  | 901.94   | 905.84   | 900.76   | 902.84     | 0.29    | ppb   |
| Silver     | 109-1 | 0.05     | 0.03     | 0.04     | 0.04       | 23.71   | ppb   |
| Silver     | 107-1 | 0.03     | 0.04     | 0.03     | 0.03       | 9.97    | ppb   |
| Sodium     | 23-2  | 10035.68 | 10234.28 | 10355.80 | 10208.59   | 1.58    | ppb   |
| Strontium  | 86-1  | 18.28    | 18.09    | 18.05    | 18.14      | 0.67    | ppb   |
| Strontium  | 88-1  | 18.19    | 18.52    | 18.55    | 18.42      | 1.07    | ppb   |
| Sulfur     | 34-1  | 2750.15  | 2773.41  | 2756.73  | 2760.10    | 0.43    | ppb   |
| Terbium    | 159-1 |          |          |          |            |         | %     |
| Terbium    | 159-2 |          |          |          |            |         | %     |
| Thallium   | 203-1 | -0.03    | -0.05    | -0.04    | -0.04      |         | ppb   |
| Thallium   | 205-1 | -0.03    | -0.03    | -0.03    | -0.03      |         | ppb   |
| Tin        | 118-1 | 0.01     | 0.02     | -0.02    | 0.00       | 471.26  | ppb   |
| Titanium   | 47-1  | 0.29     | 0.66     | 0.53     | 0.50       | 37.45   | ppb   |
| Uranium    | 238-1 | -0.05    | -0.06    | -0.06    | -0.06      |         | ppb   |
| Vanadium   | 51-2  | 0.01     | 0.08     | 0.06     | 0.05       | 66.81   | ppb   |
| Yttrium    | 89-1  |          |          |          |            |         | %     |
| Yttrium    | 89-2  |          |          |          |            |         | %     |
| Zinc       | 66-2  | 57.92    | 60.96    | 61.30    | 60.06      | 3.10    | ppb   |
| Zirconium  | 90-1  | 0.03     | 0.04     | 0.03     | 0.03       | 24.08   | ppb   |

|                         |                       |                   |                     |
|-------------------------|-----------------------|-------------------|---------------------|
| LB Number :             | LB88853               | Operator :        | Jaswal              |
| Lab Sample ID :         | I4279-04              | Instrumnet Name : | P7                  |
| Client Sample ID :      | DC3126-41-FL3-CL311-V | Dilution Factor : | 1                   |
| Date & Time Acquired :: | 2017-07-19 23:06:55   | DataFile Name :   | 169SMPL_P7071917 -M |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|-----------|------|---------|---------|---------|------------|---------|-------|
| Zirconium | 91-1 | 0.02    | 0.06    | 0.02    | 0.03       | 54.46   | ppb   |

LB Number : LB88853 Operator : Jaswal  
 Lab Sample ID : I4279-05 Instrumnet Name : P7  
 Client Sample ID : DC3126-42-FL3-BR311-V Dilution Factor : 1  
 Date & Time Acquired :: 2017-07-19 23:10:27 DataFile Name : 170SMPL\_P7071917 -M8

| Parameter  | Mass  | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|------------|-------|---------|---------|---------|------------|---------|-------|
| Aluminium  | 27-2  | 14.23   | 12.50   | 7.18    | 11.30      | 32.48   | ppb   |
| Antimony   | 121-1 | 0.06    | 0.06    | 0.06    | 0.06       | 2.25    | ppb   |
| Arsenic    | 75-2  | 0.17    | 0.17    | 0.16    | 0.16       | 4.05    | ppb   |
| Barium     | 135-1 | 15.46   | 15.49   | 16.03   | 15.66      | 2.05    | ppb   |
| Barium     | 137-1 | 15.98   | 16.14   | 16.21   | 16.11      | 0.71    | ppb   |
| Beryllium  | 9-1   | -0.02   | -0.11   | -0.09   | -0.07      |         | ppb   |
| Bismuth    | 209-1 |         |         |         |            |         | %     |
| Bismuth    | 209-2 |         |         |         |            |         | %     |
| Boron      | 10-1  | 3.55    | 3.16    | 4.08    | 3.60       | 12.96   | ppb   |
| Boron      | 11-1  | 3.92    | 4.49    | 3.45    | 3.95       | 13.12   | ppb   |
| Cadmium    | 111-1 | -0.44   | -0.45   | -0.49   | -0.46      |         | ppb   |
| Cadmium    | 106-1 | -5.40   | -5.54   | -6.14   | -5.69      |         | ppb   |
| Cadmium    | 108-1 | 0.00    | 0.00    | 0.00    | 0.00       |         | ppb   |
| Calcium    | 43-1  | 5160.35 | 5249.73 | 5132.77 | 5180.95    | 1.18    | ppb   |
| Calcium    | 44-1  | 5193.08 | 5213.74 | 5180.56 | 5195.79    | 0.32    | ppb   |
| Chromium   | 52-2  | 0.07    | 0.00    | -0.01   | 0.02       | 213.27  | ppb   |
| Cobalt     | 59-2  | -0.06   | -0.05   | -0.06   | -0.06      |         | ppb   |
| Copper     | 63-2  | 221.12  | 221.38  | 221.96  | 221.49     | 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  | 26.00   | 25.34   | 25.28   | 25.54      | 1.57    | ppb   |
| Iron       | 57-2  | 33.00   | 34.27   | 32.31   | 33.19      | 2.99    | ppb   |
| Lead       | 206-1 | 0.35    | 0.27    | 0.31    | 0.31       | 11.75   | ppb   |
| Lead       | 207-1 | 0.28    | 0.24    | 0.29    | 0.27       | 9.04    | ppb   |
| Lead       | 208-1 | 0.29    | 0.28    | 0.31    | 0.29       | 5.09    | ppb   |
| Lithium    | 6-1   |         |         |         |            |         | %     |
| Magnesium  | 24-2  | 1138.41 | 1128.62 | 1154.61 | 1140.55    | 1.15    | ppb   |
| Manganese  | 55-2  | 10.45   | 10.32   | 10.36   | 10.38      | 0.67    | ppb   |

|                         |                       |                   |                     |
|-------------------------|-----------------------|-------------------|---------------------|
| LB Number :             | LB88853               | Operator :        | Jaswal              |
| Lab Sample ID :         | I4279-05              | Instrumnet Name : | P7                  |
| Client Sample ID :      | DC3126-42-FL3-BR311-V | Dilution Factor : | 1                   |
| Date & Time Acquired :: | 2017-07-19 23:10:27   | DataFile Name :   | 170SMPL_P7071917 -M |

| Parameter  | Mass  | ConRep1  | ConRep2  | ConRep3  | Avg. Conc. | ConcRSD | Units |
|------------|-------|----------|----------|----------|------------|---------|-------|
| Molybdenum | 94-1  | 0.03     | 0.03     | 0.03     | 0.03       | 5.16    | ppb   |
| Molybdenum | 95-1  | -0.05    | -0.03    | -0.02    | -0.03      |         | ppb   |
| Molybdenum | 96-1  | -0.01    | 0.00     | 0.00     | 0.00       |         | ppb   |
| Molybdenum | 97-1  | 0.01     | 0.03     | 0.02     | 0.02       | 49.79   | ppb   |
| Molybdenum | 98-1  | -0.02    | -0.01    | -0.03    | -0.02      |         | ppb   |
| Neodymium  | 150-1 |          |          |          |            |         | cps   |
| Neodymium  | 150-2 |          |          |          |            |         | cps   |
| Nickel     | 60-2  | 6.45     | 6.37     | 6.20     | 6.34       | 2.02    | ppb   |
| Phosphorus | 31-2  | 637.52   | 635.52   | 512.46   | 595.17     | 12.04   | ppb   |
| Potassium  | 39-2  | 549.76   | 544.05   | 553.26   | 549.03     | 0.85    | ppb   |
| Rhodium    | 103-1 |          |          |          |            |         | %     |
| Rhodium    | 103-2 |          |          |          |            |         | %     |
| Scandium   | 45-1  |          |          |          |            |         | %     |
| Scandium   | 45-2  |          |          |          |            |         | %     |
| Selenium   | 77-2  | 0.00     | 1.00     | 0.00     | 0.33       | 173.21  | ppb   |
| Selenium   | 78-2  | -0.29    | -1.11    | -0.28    | -0.56      |         | ppb   |
| Selenium   | 82-1  | 0.21     | 0.20     | 0.40     | 0.27       | 40.92   | ppb   |
| Silicon    | 28-1  | 896.92   | 904.58   | 891.80   | 897.77     | 0.72    | ppb   |
| Silver     | 109-1 | 0.03     | 0.02     | 0.02     | 0.02       | 31.39   | ppb   |
| Silver     | 107-1 | 0.03     | 0.03     | 0.02     | 0.03       | 33.29   | ppb   |
| Sodium     | 23-2  | 10356.45 | 10286.15 | 10335.32 | 10325.97   | 0.35    | ppb   |
| Strontium  | 86-1  | 17.89    | 17.99    | 18.30    | 18.06      | 1.19    | ppb   |
| Strontium  | 88-1  | 18.48    | 18.49    | 18.36    | 18.44      | 0.39    | ppb   |
| Sulfur     | 34-1  | 2305.94  | 2594.81  | 2677.69  | 2526.15    | 7.73    | ppb   |
| Terbium    | 159-1 |          |          |          |            |         | %     |
| Terbium    | 159-2 |          |          |          |            |         | %     |
| Thallium   | 203-1 | -0.04    | -0.04    | -0.04    | -0.04      |         | ppb   |
| Thallium   | 205-1 | -0.03    | -0.03    | -0.03    | -0.03      |         | ppb   |
| Tin        | 118-1 | 0.05     | 0.06     | 0.08     | 0.06       | 21.38   | ppb   |
| Titanium   | 47-1  | 0.36     | 0.48     | 0.35     | 0.40       | 18.52   | ppb   |
| Uranium    | 238-1 | -0.06    | -0.06    | -0.06    | -0.06      |         | ppb   |
| Vanadium   | 51-2  | 0.05     | 0.04     | 0.05     | 0.05       | 4.03    | ppb   |
| Yttrium    | 89-1  |          |          |          |            |         | %     |
| Yttrium    | 89-2  |          |          |          |            |         | %     |
| Zinc       | 66-2  | 129.40   | 128.22   | 132.65   | 130.09     | 1.76    | ppb   |
| Zirconium  | 90-1  | 0.04     | 0.02     | 0.01     | 0.02       | 64.77   | ppb   |

|                         |                       |                   |                     |
|-------------------------|-----------------------|-------------------|---------------------|
| LB Number :             | LB88853               | Operator :        | Jaswal              |
| Lab Sample ID :         | I4279-05              | Instrumnet Name : | P7                  |
| Client Sample ID :      | DC3126-42-FL3-BR311-V | Dilution Factor : | 1                   |
| Date & Time Acquired :: | 2017-07-19 23:10:27   | DataFile Name :   | 170SMPL_P7071917 -M |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|-----------|------|---------|---------|---------|------------|---------|-------|
| Zirconium | 91-1 | 0.04    | 0.02    | 0.04    | 0.03       | 26.83   | ppb   |



LB Number : LB88853 Operator : Jaswal  
 Lab Sample ID : I4279-06 Instrumnet Name : P7  
 Client Sample ID : DC3126-43-FL3-BR311-V Dilution Factor : 1  
 Date & Time Acquired :: 2017-07-19 23:13:59 DataFile Name : 171SMPL\_P7071917 -M

| Parameter  | Mass  | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|------------|-------|---------|---------|---------|------------|---------|-------|
| Aluminium  | 27-2  | 13.26   | 15.88   | 14.21   | 14.45      | 9.19    | ppb   |
| Antimony   | 121-1 | 0.05    | 0.06    | 0.05    | 0.05       | 13.65   | ppb   |
| Arsenic    | 75-2  | 0.30    | 0.34    | 0.28    | 0.31       | 9.32    | ppb   |
| Barium     | 135-1 | 15.92   | 16.06   | 16.51   | 16.16      | 1.93    | ppb   |
| Barium     | 137-1 | 16.17   | 16.49   | 16.18   | 16.28      | 1.12    | ppb   |
| Beryllium  | 9-1   | -0.06   | -0.09   | -0.08   | -0.08      |         | ppb   |
| Bismuth    | 209-1 |         |         |         |            |         | %     |
| Bismuth    | 209-2 |         |         |         |            |         | %     |
| Boron      | 10-1  | 2.93    | 3.17    | 2.97    | 3.02       | 4.17    | ppb   |
| Boron      | 11-1  | 3.94    | 4.87    | 3.89    | 4.24       | 13.05   | ppb   |
| Cadmium    | 111-1 | -0.29   | -0.36   | -0.33   | -0.33      |         | ppb   |
| Cadmium    | 106-1 | -3.44   | -4.44   | -4.02   | -3.97      |         | ppb   |
| Cadmium    | 108-1 | -0.11   | -0.08   | -0.04   | -0.08      |         | ppb   |
| Calcium    | 43-1  | 5151.07 | 5149.78 | 5258.21 | 5186.35    | 1.20    | ppb   |
| Calcium    | 44-1  | 5200.64 | 5141.25 | 5175.01 | 5172.30    | 0.58    | ppb   |
| Chromium   | 52-2  | 0.02    | 0.03    | 0.08    | 0.04       | 74.71   | ppb   |
| Cobalt     | 59-2  | -0.06   | -0.08   | -0.06   | -0.07      |         | ppb   |
| Copper     | 63-2  | 158.97  | 155.87  | 154.11  | 156.32     | 1.58    | ppb   |
| Dysprosium | 156-1 |         |         |         |            |         | cps   |
| Dysprosium | 156-2 |         |         |         |            |         | cps   |
| Erbium     | 164-1 |         |         |         |            |         | cps   |
| Erbium     | 164-2 |         |         |         |            |         | cps   |
| Gadolinium | 160-1 |         |         |         |            |         | cps   |
| Gadolinium | 160-2 |         |         |         |            |         | cps   |
| Holmium    | 165-1 |         |         |         |            |         | %     |
| Holmium    | 165-2 |         |         |         |            |         | %     |
| Indium     | 115-1 |         |         |         |            |         | %     |
| Indium     | 115-2 |         |         |         |            |         | %     |
| Iron       | 56-2  | 30.86   | 27.73   | 26.56   | 28.39      | 7.83    | ppb   |
| Iron       | 57-2  | 32.99   | 31.76   | 34.71   | 33.15      | 4.47    | ppb   |
| Lead       | 206-1 | 0.39    | 0.38    | 0.39    | 0.39       | 2.32    | ppb   |
| Lead       | 207-1 | 0.30    | 0.30    | 0.31    | 0.30       | 1.06    | ppb   |
| Lead       | 208-1 | 0.36    | 0.34    | 0.35    | 0.35       | 1.77    | ppb   |
| Lithium    | 6-1   |         |         |         |            |         | %     |
| Magnesium  | 24-2  | 1161.33 | 1160.90 | 1136.94 | 1153.06    | 1.21    | ppb   |
| Manganese  | 55-2  | 12.24   | 11.85   | 11.83   | 11.97      | 1.91    | ppb   |

LB Number : LB88853 Operator : Jaswal  
 Lab Sample ID : I4279-06 Instrumnet Name : P7  
 Client Sample ID : DC3126-43-FL3-BR311-V Dilution Factor : 1  
 Date & Time Acquired :: 2017-07-19 23:13:59 DataFile Name : 171SMPL\_P7071917 -M

| Parameter  | Mass  | ConRep1  | ConRep2  | ConRep3  | Avg. Conc. | ConcRSD | Units |
|------------|-------|----------|----------|----------|------------|---------|-------|
| Molybdenum | 94-1  | 0.04     | 0.03     | 0.03     | 0.03       | 9.58    | ppb   |
| Molybdenum | 95-1  | -0.02    | -0.03    | -0.02    | -0.02      |         | ppb   |
| Molybdenum | 96-1  | 0.00     | 0.00     | 0.01     | 0.00       | 174.75  | ppb   |
| Molybdenum | 97-1  | 0.02     | 0.00     | 0.00     | 0.01       | 174.68  | ppb   |
| Molybdenum | 98-1  | -0.01    | -0.02    | 0.00     | -0.01      |         | ppb   |
| Neodymium  | 150-1 |          |          |          |            |         | cps   |
| Neodymium  | 150-2 |          |          |          |            |         | cps   |
| Nickel     | 60-2  | 1.36     | 1.52     | 1.13     | 1.34       | 14.41   | ppb   |
| Phosphorus | 31-2  | 608.59   | 485.54   | 576.61   | 556.91     | 11.46   | ppb   |
| Potassium  | 39-2  | 561.57   | 558.49   | 531.48   | 550.51     | 3.01    | ppb   |
| Rhodium    | 103-1 |          |          |          |            |         | %     |
| Rhodium    | 103-2 |          |          |          |            |         | %     |
| Scandium   | 45-1  |          |          |          |            |         | %     |
| Scandium   | 45-2  |          |          |          |            |         | %     |
| Selenium   | 77-2  | 0.00     | 0.00     | 0.00     | 0.00       | N/A     | ppb   |
| Selenium   | 78-2  | 0.87     | 1.04     | -0.59    | 0.44       | 201.98  | ppb   |
| Selenium   | 82-1  | 0.67     | -0.15    | 0.52     | 0.34       | 126.33  | ppb   |
| Silicon    | 28-1  | 899.45   | 898.48   | 906.85   | 901.59     | 0.51    | ppb   |
| Silver     | 109-1 | 0.03     | 0.06     | 0.05     | 0.05       | 30.00   | ppb   |
| Silver     | 107-1 | 0.04     | 0.05     | 0.05     | 0.05       | 12.38   | ppb   |
| Sodium     | 23-2  | 10573.65 | 10359.52 | 10200.41 | 10377.86   | 1.80    | ppb   |
| Strontium  | 86-1  | 18.47    | 18.11    | 18.19    | 18.26      | 1.05    | ppb   |
| Strontium  | 88-1  | 18.37    | 18.46    | 18.51    | 18.45      | 0.37    | ppb   |
| Sulfur     | 34-1  | 2694.91  | 2851.61  | 2968.41  | 2838.31    | 4.84    | ppb   |
| Terbium    | 159-1 |          |          |          |            |         | %     |
| Terbium    | 159-2 |          |          |          |            |         | %     |
| Thallium   | 203-1 | -0.05    | -0.04    | -0.04    | -0.04      |         | ppb   |
| Thallium   | 205-1 | -0.03    | -0.03    | -0.03    | -0.03      |         | ppb   |
| Tin        | 118-1 | -0.05    | -0.04    | -0.02    | -0.04      |         | ppb   |
| Titanium   | 47-1  | 0.44     | 0.54     | 0.38     | 0.45       | 16.96   | ppb   |
| Uranium    | 238-1 | -0.06    | -0.06    | -0.06    | -0.06      |         | ppb   |
| Vanadium   | 51-2  | 0.04     | 0.05     | 0.04     | 0.04       | 19.78   | ppb   |
| Yttrium    | 89-1  |          |          |          |            |         | %     |
| Yttrium    | 89-2  |          |          |          |            |         | %     |
| Zinc       | 66-2  | 44.66    | 46.00    | 44.19    | 44.95      | 2.09    | ppb   |
| Zirconium  | 90-1  | 0.03     | 0.03     | 0.03     | 0.03       | 13.20   | ppb   |

|                         |                       |                   |                     |
|-------------------------|-----------------------|-------------------|---------------------|
| LB Number :             | LB88853               | Operator :        | Jaswal              |
| Lab Sample ID :         | I4279-06              | Instrumnet Name : | P7                  |
| Client Sample ID :      | DC3126-43-FL3-BR311-V | Dilution Factor : | 1                   |
| Date & Time Acquired :: | 2017-07-19 23:13:59   | DataFile Name :   | 171SMPL_P7071917 -M |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|-----------|------|---------|---------|---------|------------|---------|-------|
| Zirconium | 91-1 | 0.06    | 0.05    | 0.04    | 0.05       | 19.35   | ppb   |

LB Number : LB88853 Operator : Jaswal  
 Lab Sample ID : I4279-07 Instrumnet Name : P7  
 Client Sample ID : DC3126-44-FL3-CL309-V Dilution Factor : 1  
 Date & Time Acquired :: 2017-07-19 23:17:31 DataFile Name : 172SMPL\_P7071917 -M8

| Parameter  | Mass  | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|------------|-------|---------|---------|---------|------------|---------|-------|
| Aluminium  | 27-2  | 0.43    | 1.89    | 1.46    | 1.26       | 59.45   | ppb   |
| Antimony   | 121-1 | 0.01    | 0.00    | 0.00    | 0.00       | 29.61   | ppb   |
| Arsenic    | 75-2  | -0.03   | -0.05   | -0.03   | -0.04      |         | ppb   |
| Barium     | 135-1 | -0.01   | -0.03   | -0.03   | -0.02      |         | ppb   |
| Barium     | 137-1 | 0.01    | 0.02    | -0.01   | 0.01       | 196.28  | ppb   |
| Beryllium  | 9-1   | -0.11   | -0.07   | -0.10   | -0.09      |         | ppb   |
| Bismuth    | 209-1 |         |         |         |            |         | %     |
| Bismuth    | 209-2 |         |         |         |            |         | %     |
| Boron      | 10-1  | 4.23    | 3.15    | 5.32    | 4.23       | 25.63   | ppb   |
| Boron      | 11-1  | 3.70    | 4.60    | 4.30    | 4.20       | 10.89   | ppb   |
| Cadmium    | 111-1 | -0.33   | -0.40   | -0.37   | -0.37      |         | ppb   |
| Cadmium    | 106-1 | -3.92   | -4.98   | -4.47   | -4.46      |         | ppb   |
| Cadmium    | 108-1 | -0.11   | 0.00    | -0.03   | -0.05      |         | ppb   |
| Calcium    | 43-1  | 7854.54 | 7772.28 | 8045.46 | 7890.76    | 1.78    | ppb   |
| Calcium    | 44-1  | 7810.15 | 7795.95 | 8136.89 | 7914.33    | 2.44    | ppb   |
| Chromium   | 52-2  | 0.04    | 0.04    | 0.08    | 0.05       | 46.66   | ppb   |
| Cobalt     | 59-2  | -0.08   | -0.07   | -0.08   | -0.08      |         | ppb   |
| Copper     | 63-2  | -0.08   | -0.01   | -0.09   | -0.06      |         | ppb   |
| Dysprosium | 156-1 |         |         |         |            |         | cps   |
| Dysprosium | 156-2 |         |         |         |            |         | cps   |
| Erbium     | 164-1 |         |         |         |            |         | cps   |
| Erbium     | 164-2 |         |         |         |            |         | cps   |
| Gadolinium | 160-1 |         |         |         |            |         | cps   |
| Gadolinium | 160-2 |         |         |         |            |         | cps   |
| Holmium    | 165-1 |         |         |         |            |         | %     |
| Holmium    | 165-2 |         |         |         |            |         | %     |
| Indium     | 115-1 |         |         |         |            |         | %     |
| Indium     | 115-2 |         |         |         |            |         | %     |
| Iron       | 56-2  | 0.91    | 0.73    | 0.73    | 0.79       | 13.08   | ppb   |
| Iron       | 57-2  | 8.25    | 6.85    | 9.80    | 8.30       | 17.80   | ppb   |
| Lead       | 206-1 | -0.04   | -0.04   | -0.03   | -0.04      |         | ppb   |
| Lead       | 207-1 | -0.01   | -0.03   | -0.02   | -0.02      |         | ppb   |
| Lead       | 208-1 | -0.03   | -0.03   | -0.02   | -0.03      |         | ppb   |
| Lithium    | 6-1   |         |         |         |            |         | %     |
| Magnesium  | 24-2  | 3179.09 | 3199.25 | 3137.06 | 3171.80    | 1.00    | ppb   |
| Manganese  | 55-2  | 0.04    | -0.03   | -0.06   | -0.02      |         | ppb   |

LB Number : LB88853 Operator : Jaswal  
 Lab Sample ID : I4279-07 Instrumnet Name : P7  
 Client Sample ID : DC3126-44-FL3-CL309-V Dilution Factor : 1  
 Date & Time Acquired :: 2017-07-19 23:17:31 DataFile Name : 172SMPL\_P7071917 -M

| Parameter  | Mass  | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|------------|-------|---------|---------|---------|------------|---------|-------|
| Molybdenum | 94-1  | -0.01   | 0.01    | -0.01   | -0.01      |         | ppb   |
| Molybdenum | 95-1  | -0.05   | -0.04   | -0.05   | -0.05      |         | ppb   |
| Molybdenum | 96-1  | -0.02   | -0.03   | -0.04   | -0.03      |         | ppb   |
| Molybdenum | 97-1  | 0.00    | -0.01   | -0.02   | -0.01      |         | ppb   |
| Molybdenum | 98-1  | -0.05   | -0.05   | -0.05   | -0.05      |         | ppb   |
| Neodymium  | 150-1 |         |         |         |            |         | cps   |
| Neodymium  | 150-2 |         |         |         |            |         | cps   |
| Nickel     | 60-2  | -0.43   | -0.45   | -0.44   | -0.44      |         | ppb   |
| Phosphorus | 31-2  | 32.81   | -6.92   | 8.50    | 11.46      | 174.70  | ppb   |
| Potassium  | 39-2  | 51.10   | 45.63   | 46.77   | 47.84      | 6.03    | ppb   |
| Rhodium    | 103-1 |         |         |         |            |         | %     |
| Rhodium    | 103-2 |         |         |         |            |         | %     |
| Scandium   | 45-1  |         |         |         |            |         | %     |
| Scandium   | 45-2  |         |         |         |            |         | %     |
| Selenium   | 77-2  | 0.00    | 0.00    | 0.00    | 0.00       | N/A     | ppb   |
| Selenium   | 78-2  | -0.79   | -0.92   | -0.64   | -0.78      |         | ppb   |
| Selenium   | 82-1  | 0.49    | 0.30    | 0.06    | 0.28       | 77.09   | ppb   |
| Silicon    | 28-1  | 12.15   | 11.72   | 15.09   | 12.99      | 14.13   | ppb   |
| Silver     | 109-1 | 0.01    | 0.01    | 0.01    | 0.01       | 29.35   | ppb   |
| Silver     | 107-1 | 0.01    | 0.01    | 0.01    | 0.01       | 8.36    | ppb   |
| Sodium     | 23-2  | 6753.29 | 6666.40 | 6640.71 | 6686.80    | 0.88    | ppb   |
| Strontium  | 86-1  | 0.87    | 0.97    | 0.93    | 0.92       | 5.15    | ppb   |
| Strontium  | 88-1  | 0.90    | 0.92    | 0.91    | 0.91       | 1.22    | ppb   |
| Sulfur     | 34-1  | 5591.54 | 5847.67 | 6212.30 | 5883.84    | 5.30    | ppb   |
| Terbium    | 159-1 |         |         |         |            |         | %     |
| Terbium    | 159-2 |         |         |         |            |         | %     |
| Thallium   | 203-1 | -0.04   | -0.04   | -0.03   | -0.04      |         | ppb   |
| Thallium   | 205-1 | -0.04   | -0.04   | -0.03   | -0.04      |         | ppb   |
| Tin        | 118-1 | -0.11   | -0.09   | -0.10   | -0.10      |         | ppb   |
| Titanium   | 47-1  | -0.01   | -0.06   | 0.12    | 0.02       | 498.54  | ppb   |
| Uranium    | 238-1 | -0.07   | -0.07   | -0.07   | -0.07      |         | ppb   |
| Vanadium   | 51-2  | -0.02   | -0.02   | -0.01   | -0.02      |         | ppb   |
| Yttrium    | 89-1  |         |         |         |            |         | %     |
| Yttrium    | 89-2  |         |         |         |            |         | %     |
| Zinc       | 66-2  | 0.15    | 0.18    | 0.18    | 0.17       | 8.83    | ppb   |
| Zirconium  | 90-1  | 0.00    | -0.01   | -0.01   | -0.01      |         | ppb   |

|                         |                       |                   |                     |
|-------------------------|-----------------------|-------------------|---------------------|
| LB Number :             | LB88853               | Operator :        | Jaswal              |
| Lab Sample ID :         | I4279-07              | Instrumnet Name : | P7                  |
| Client Sample ID :      | DC3126-44-FL3-CL309-V | Dilution Factor : | 1                   |
| Date & Time Acquired :: | 2017-07-19 23:17:31   | DataFile Name :   | 172SMPL_P7071917 -M |

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

LB Number : LB88853 Operator : Jaswal  
 Lab Sample ID : I4279-08 Instrumnet Name : P7  
 Client Sample ID : DC3126-45-FL3-CL309-V Dilution Factor : 1  
 Date & Time Acquired :: 2017-07-19 23:21:03 DataFile Name : 173SMPL\_P7071917 -M8

| Parameter  | Mass  | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|------------|-------|---------|---------|---------|------------|---------|-------|
| Aluminium  | 27-2  | 1.50    | 0.62    | 1.05    | 1.06       | 41.61   | ppb   |
| Antimony   | 121-1 | 0.00    | 0.00    | 0.00    | 0.00       |         | ppb   |
| Arsenic    | 75-2  | -0.01   | -0.04   | -0.03   | -0.03      |         | ppb   |
| Barium     | 135-1 | -0.02   | 0.00    | -0.02   | -0.01      |         | ppb   |
| Barium     | 137-1 | 0.00    | 0.05    | 0.01    | 0.02       | 133.64  | ppb   |
| Beryllium  | 9-1   | -0.05   | -0.13   | -0.08   | -0.09      |         | ppb   |
| Bismuth    | 209-1 |         |         |         |            |         | %     |
| Bismuth    | 209-2 |         |         |         |            |         | %     |
| Boron      | 10-1  | 4.71    | 4.22    | 5.25    | 4.73       | 10.85   | ppb   |
| Boron      | 11-1  | 4.42    | 4.63    | 4.60    | 4.55       | 2.48    | ppb   |
| Cadmium    | 111-1 | -0.39   | -0.41   | -0.42   | -0.41      |         | ppb   |
| Cadmium    | 106-1 | -4.76   | -4.97   | -5.24   | -4.99      |         | ppb   |
| Cadmium    | 108-1 | -0.11   | -0.08   | -0.11   | -0.10      |         | ppb   |
| Calcium    | 43-1  | 7895.43 | 7683.76 | 7558.60 | 7712.60    | 2.21    | ppb   |
| Calcium    | 44-1  | 7818.44 | 7766.33 | 7660.93 | 7748.57    | 1.04    | ppb   |
| Chromium   | 52-2  | 0.04    | 0.11    | 0.05    | 0.06       | 57.99   | ppb   |
| Cobalt     | 59-2  | -0.07   | -0.08   | -0.09   | -0.08      |         | ppb   |
| Copper     | 63-2  | -0.07   | -0.09   | -0.10   | -0.09      |         | 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  | 0.28    | -0.02   | 0.09    | 0.11       | 134.11  | ppb   |
| Iron       | 57-2  | 10.79   | 8.04    | 10.55   | 9.79       | 15.57   | ppb   |
| Lead       | 206-1 | -0.03   | -0.07   | -0.05   | -0.05      |         | ppb   |
| Lead       | 207-1 | -0.02   | -0.05   | -0.02   | -0.03      |         | ppb   |
| Lead       | 208-1 | -0.02   | -0.05   | -0.03   | -0.04      |         | ppb   |
| Lithium    | 6-1   |         |         |         |            |         | %     |
| Magnesium  | 24-2  | 3244.14 | 3123.92 | 3185.14 | 3184.40    | 1.89    | ppb   |
| Manganese  | 55-2  | -0.07   | -0.10   | -0.04   | -0.07      |         | ppb   |

LB Number : LB88853 Operator : Jaswal  
 Lab Sample ID : I4279-08 Instrumnet Name : P7  
 Client Sample ID : DC3126-45-FL3-CL309-V Dilution Factor : 1  
 Date & Time Acquired :: 2017-07-19 23:21:03 DataFile Name : 173SMPL\_P7071917 -M

| Parameter  | Mass  | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|------------|-------|---------|---------|---------|------------|---------|-------|
| Molybdenum | 94-1  | -0.01   | -0.02   | 0.00    | -0.01      |         | ppb   |
| Molybdenum | 95-1  | -0.05   | -0.06   | -0.06   | -0.06      |         | ppb   |
| Molybdenum | 96-1  | -0.05   | -0.04   | -0.04   | -0.04      |         | ppb   |
| Molybdenum | 97-1  | -0.02   | -0.04   | -0.02   | -0.03      |         | ppb   |
| Molybdenum | 98-1  | -0.04   | -0.05   | -0.04   | -0.04      |         | ppb   |
| Neodymium  | 150-1 |         |         |         |            |         | cps   |
| Neodymium  | 150-2 |         |         |         |            |         | cps   |
| Nickel     | 60-2  | -0.37   | -0.39   | -0.40   | -0.39      |         | ppb   |
| Phosphorus | 31-2  | -6.34   | -14.97  | -6.87   | -9.39      |         | ppb   |
| Potassium  | 39-2  | 57.00   | 48.64   | 40.82   | 48.82      | 16.58   | ppb   |
| Rhodium    | 103-1 |         |         |         |            |         | %     |
| Rhodium    | 103-2 |         |         |         |            |         | %     |
| Scandium   | 45-1  |         |         |         |            |         | %     |
| Scandium   | 45-2  |         |         |         |            |         | %     |
| Selenium   | 77-2  | 0.00    | 0.00    | 0.00    | 0.00       | N/A     | ppb   |
| Selenium   | 78-2  | -0.29   | -0.54   | -0.51   | -0.44      |         | ppb   |
| Selenium   | 82-1  | 0.55    | -0.12   | -0.73   | -0.10      |         | ppb   |
| Silicon    | 28-1  | 11.10   | 11.46   | 11.29   | 11.28      | 1.60    | ppb   |
| Silver     | 109-1 | 0.01    | 0.01    | 0.01    | 0.01       | 6.73    | ppb   |
| Silver     | 107-1 | 0.01    | 0.01    | 0.00    | 0.01       | 46.47   | ppb   |
| Sodium     | 23-2  | 6793.25 | 6651.55 | 6643.55 | 6696.11    | 1.26    | ppb   |
| Strontium  | 86-1  | 1.00    | 1.09    | 1.02    | 1.04       | 4.67    | ppb   |
| Strontium  | 88-1  | 0.92    | 0.91    | 0.92    | 0.92       | 0.97    | ppb   |
| Sulfur     | 34-1  | 5343.87 | 5463.65 | 5384.65 | 5397.39    | 1.13    | ppb   |
| Terbium    | 159-1 |         |         |         |            |         | %     |
| Terbium    | 159-2 |         |         |         |            |         | %     |
| Thallium   | 203-1 | -0.04   | -0.04   | -0.04   | -0.04      |         | ppb   |
| Thallium   | 205-1 | -0.03   | -0.03   | -0.03   | -0.03      |         | ppb   |
| Tin        | 118-1 | -0.11   | -0.10   | -0.09   | -0.10      |         | ppb   |
| Titanium   | 47-1  | -0.06   | 0.01    | 0.03    | -0.01      |         | ppb   |
| Uranium    | 238-1 | -0.07   | -0.07   | -0.07   | -0.07      |         | ppb   |
| Vanadium   | 51-2  | -0.01   | -0.01   | -0.01   | -0.01      |         | ppb   |
| Yttrium    | 89-1  |         |         |         |            |         | %     |
| Yttrium    | 89-2  |         |         |         |            |         | %     |
| Zinc       | 66-2  | 0.14    | 0.09    | 0.20    | 0.14       | 36.07   | ppb   |
| Zirconium  | 90-1  | 0.00    | -0.01   | 0.00    | -0.01      |         | ppb   |



|                         |                       |                   |                     |
|-------------------------|-----------------------|-------------------|---------------------|
| LB Number :             | LB88853               | Operator :        | Jaswal              |
| Lab Sample ID :         | I4279-08              | Instrumnet Name : | P7                  |
| Client Sample ID :      | DC3126-45-FL3-CL309-V | Dilution Factor : | 1                   |
| Date & Time Acquired :: | 2017-07-19 23:21:03   | DataFile Name :   | 173SMPL_P7071917 -M |

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

|                         |                       |                   |                     |
|-------------------------|-----------------------|-------------------|---------------------|
| LB Number :             | LB88853               | Operator :        | Jaswal              |
| Lab Sample ID :         | I4279-09              | Instrumnet Name : | P7                  |
| Client Sample ID :      | DC3126-46-FL3-CL309-V | Dilution Factor : | 1                   |
| Date & Time Acquired :: | 2017-07-19 23:24:34   | DataFile Name :   | 174SMPL_P7071917 -M |

| Parameter  | Mass  | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|------------|-------|---------|---------|---------|------------|---------|-------|
| Aluminium  | 27-2  | 8.01    | 7.43    | 5.67    | 7.04       | 17.34   | ppb   |
| Antimony   | 121-1 | 0.06    | 0.04    | 0.05    | 0.05       | 18.68   | ppb   |
| Arsenic    | 75-2  | 0.23    | 0.09    | 0.18    | 0.17       | 43.56   | ppb   |
| Barium     | 135-1 | 14.80   | 14.84   | 15.02   | 14.88      | 0.78    | ppb   |
| Barium     | 137-1 | 15.13   | 15.59   | 15.08   | 15.27      | 1.86    | ppb   |
| Beryllium  | 9-1   | -0.07   | -0.06   | -0.10   | -0.08      |         | ppb   |
| Bismuth    | 209-1 |         |         |         |            |         | %     |
| Bismuth    | 209-2 |         |         |         |            |         | %     |
| Boron      | 10-1  | 4.35    | 4.67    | 5.86    | 4.96       | 16.08   | ppb   |
| Boron      | 11-1  | 4.82    | 3.63    | 4.84    | 4.43       | 15.61   | ppb   |
| Cadmium    | 111-1 | -0.25   | -0.30   | -0.29   | -0.28      |         | ppb   |
| Cadmium    | 106-1 | -3.03   | -3.76   | -3.69   | -3.49      |         | ppb   |
| Cadmium    | 108-1 | 0.15    | 0.04    | -0.04   | 0.05       | 183.68  | ppb   |
| Calcium    | 43-1  | 5102.07 | 5208.30 | 5315.37 | 5208.58    | 2.05    | ppb   |
| Calcium    | 44-1  | 5107.46 | 5169.96 | 5252.79 | 5176.74    | 1.41    | ppb   |
| Chromium   | 52-2  | -0.03   | 0.00    | -0.02   | -0.01      |         | ppb   |
| Cobalt     | 59-2  | 0.00    | 0.00    | -0.01   | 0.00       |         | ppb   |
| Copper     | 63-2  | 310.93  | 311.18  | 308.83  | 310.31     | 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  | 19.96   | 24.02   | 19.42   | 21.13      | 11.91   | ppb   |
| Iron       | 57-2  | 29.77   | 24.52   | 25.29   | 26.53      | 10.70   | ppb   |
| Lead       | 206-1 | 0.12    | 0.15    | 0.17    | 0.15       | 15.88   | ppb   |
| Lead       | 207-1 | 0.15    | 0.12    | 0.09    | 0.12       | 27.52   | ppb   |
| Lead       | 208-1 | 0.14    | 0.14    | 0.13    | 0.13       | 4.16    | ppb   |
| Lithium    | 6-1   |         |         |         |            |         | %     |
| Magnesium  | 24-2  | 1156.49 | 1180.72 | 1117.91 | 1151.71    | 2.75    | ppb   |
| Manganese  | 55-2  | 6.44    | 6.89    | 6.88    | 6.74       | 3.87    | ppb   |

LB Number : LB88853 Operator : Jaswal  
 Lab Sample ID : I4279-09 Instrumnet Name : P7  
 Client Sample ID : DC3126-46-FL3-CL309-V Dilution Factor : 1  
 Date & Time Acquired :: 2017-07-19 23:24:34 DataFile Name : 174SMPL\_P7071917 -M

| Parameter  | Mass  | ConRep1  | ConRep2  | ConRep3 | Avg. Conc. | ConcRSD | Units |
|------------|-------|----------|----------|---------|------------|---------|-------|
| Molybdenum | 94-1  | 0.02     | 0.02     | 0.03    | 0.02       | 23.00   | ppb   |
| Molybdenum | 95-1  | -0.01    | -0.02    | -0.02   | -0.02      |         | ppb   |
| Molybdenum | 96-1  | 0.01     | 0.01     | 0.00    | 0.01       | 38.09   | ppb   |
| Molybdenum | 97-1  | 0.00     | -0.01    | -0.02   | -0.01      |         | ppb   |
| Molybdenum | 98-1  | -0.01    | 0.00     | 0.00    | -0.01      |         | ppb   |
| Neodymium  | 150-1 |          |          |         |            |         | cps   |
| Neodymium  | 150-2 |          |          |         |            |         | cps   |
| Nickel     | 60-2  | 2.30     | 2.34     | 2.36    | 2.33       | 1.31    | ppb   |
| Phosphorus | 31-2  | 493.37   | 587.84   | 361.71  | 480.97     | 23.61   | ppb   |
| Potassium  | 39-2  | 540.89   | 548.16   | 548.83  | 545.96     | 0.81    | ppb   |
| Rhodium    | 103-1 |          |          |         |            |         | %     |
| Rhodium    | 103-2 |          |          |         |            |         | %     |
| Scandium   | 45-1  |          |          |         |            |         | %     |
| Scandium   | 45-2  |          |          |         |            |         | %     |
| Selenium   | 77-2  | 0.95     | 0.00     | 0.00    | 0.32       | 173.21  | ppb   |
| Selenium   | 78-2  | -0.95    | -0.98    | -0.99   | -0.97      |         | ppb   |
| Selenium   | 82-1  | 0.23     | -0.07    | 0.49    | 0.21       | 130.51  | ppb   |
| Silicon    | 28-1  | 940.98   | 950.41   | 983.12  | 958.17     | 2.31    | ppb   |
| Silver     | 109-1 | 0.01     | 0.02     | 0.02    | 0.02       | 21.05   | ppb   |
| Silver     | 107-1 | 0.02     | 0.02     | 0.01    | 0.02       | 9.52    | ppb   |
| Sodium     | 23-2  | 10002.52 | 10171.06 | 9952.09 | 10041.89   | 1.14    | ppb   |
| Strontium  | 86-1  | 17.39    | 18.12    | 18.03   | 17.85      | 2.24    | ppb   |
| Strontium  | 88-1  | 17.92    | 17.97    | 18.30   | 18.06      | 1.15    | ppb   |
| Sulfur     | 34-1  | 2525.06  | 2839.65  | 3102.99 | 2822.56    | 10.25   | ppb   |
| Terbium    | 159-1 |          |          |         |            |         | %     |
| Terbium    | 159-2 |          |          |         |            |         | %     |
| Thallium   | 203-1 | -0.04    | -0.04    | -0.02   | -0.04      |         | ppb   |
| Thallium   | 205-1 | -0.03    | -0.03    | -0.03   | -0.03      |         | ppb   |
| Tin        | 118-1 | 0.03     | 0.01     | 0.01    | 0.02       | 89.34   | ppb   |
| Titanium   | 47-1  | 0.34     | 0.41     | 0.46    | 0.40       | 14.49   | ppb   |
| Uranium    | 238-1 | -0.06    | -0.06    | -0.06   | -0.06      |         | ppb   |
| Vanadium   | 51-2  | 0.02     | 0.03     | 0.03    | 0.03       | 22.68   | ppb   |
| Yttrium    | 89-1  |          |          |         |            |         | %     |
| Yttrium    | 89-2  |          |          |         |            |         | %     |
| Zinc       | 66-2  | 484.26   | 486.25   | 477.73  | 482.75     | 0.92    | ppb   |
| Zirconium  | 90-1  | 0.04     | 0.03     | 0.03    | 0.03       | 16.46   | ppb   |

|                         |                       |                   |                     |
|-------------------------|-----------------------|-------------------|---------------------|
| LB Number :             | LB88853               | Operator :        | Jaswal              |
| Lab Sample ID :         | I4279-09              | Instrumnet Name : | P7                  |
| Client Sample ID :      | DC3126-46-FL3-CL309-V | Dilution Factor : | 1                   |
| Date & Time Acquired :: | 2017-07-19 23:24:34   | DataFile Name :   | 174SMPL_P7071917 -M |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|-----------|------|---------|---------|---------|------------|---------|-------|
| Zirconium | 91-1 | 0.03    | 0.03    | 0.06    | 0.04       | 37.78   | ppb   |

LB Number : LB88853 Operator : Jaswal  
 Lab Sample ID : I4279-10 Instrumnet Name : P7  
 Client Sample ID : DC3126-47-FL3-CL309-V Dilution Factor : 1  
 Date & Time Acquired :: 2017-07-19 23:28:06 DataFile Name : 175SMPL\_P7071917 -M

| Parameter  | Mass  | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|------------|-------|---------|---------|---------|------------|---------|-------|
| Aluminium  | 27-2  | 14.68   | 12.21   | 11.67   | 12.85      | 12.47   | ppb   |
| Antimony   | 121-1 | 0.07    | 0.07    | 0.06    | 0.07       | 8.06    | ppb   |
| Arsenic    | 75-2  | 0.27    | 0.26    | 0.20    | 0.24       | 14.71   | ppb   |
| Barium     | 135-1 | 16.19   | 15.48   | 15.59   | 15.75      | 2.40    | ppb   |
| Barium     | 137-1 | 16.12   | 15.90   | 15.48   | 15.83      | 2.06    | ppb   |
| Beryllium  | 9-1   | -0.10   | -0.04   | -0.08   | -0.07      |         | ppb   |
| Bismuth    | 209-1 |         |         |         |            |         | %     |
| Bismuth    | 209-2 |         |         |         |            |         | %     |
| Boron      | 10-1  | 3.06    | 3.87    | 3.68    | 3.54       | 11.96   | ppb   |
| Boron      | 11-1  | 4.17    | 4.33    | 4.27    | 4.26       | 1.88    | ppb   |
| Cadmium    | 111-1 | -0.31   | -0.34   | -0.39   | -0.35      |         | ppb   |
| Cadmium    | 106-1 | -3.99   | -4.04   | -4.91   | -4.32      |         | ppb   |
| Cadmium    | 108-1 | -0.04   | 0.04    | -0.08   | -0.02      |         | ppb   |
| Calcium    | 43-1  | 5227.30 | 5273.97 | 5302.98 | 5268.08    | 0.72    | ppb   |
| Calcium    | 44-1  | 5173.37 | 5308.02 | 5268.59 | 5249.99    | 1.32    | ppb   |
| Chromium   | 52-2  | 0.03    | 0.03    | 0.03    | 0.03       | 9.23    | ppb   |
| Cobalt     | 59-2  | -0.05   | -0.06   | -0.05   | -0.06      |         | ppb   |
| Copper     | 63-2  | 135.78  | 132.97  | 135.05  | 134.60     | 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  | 27.24   | 28.89   | 35.47   | 30.53      | 14.27   | ppb   |
| Iron       | 57-2  | 36.68   | 34.08   | 34.16   | 34.97      | 4.22    | ppb   |
| Lead       | 206-1 | 0.16    | 0.17    | 0.18    | 0.17       | 5.27    | ppb   |
| Lead       | 207-1 | 0.13    | 0.17    | 0.18    | 0.16       | 15.13   | ppb   |
| Lead       | 208-1 | 0.17    | 0.18    | 0.17    | 0.17       | 4.09    | ppb   |
| Lithium    | 6-1   |         |         |         |            |         | %     |
| Magnesium  | 24-2  | 1132.84 | 1123.84 | 1129.67 | 1128.78    | 0.40    | ppb   |
| Manganese  | 55-2  | 12.24   | 11.75   | 12.09   | 12.03      | 2.09    | ppb   |

|                         |                       |                   |                     |
|-------------------------|-----------------------|-------------------|---------------------|
| LB Number :             | LB88853               | Operator :        | Jaswal              |
| Lab Sample ID :         | I4279-10              | Instrumnet Name : | P7                  |
| Client Sample ID :      | DC3126-47-FL3-CL309-V | Dilution Factor : | 1                   |
| Date & Time Acquired :: | 2017-07-19 23:28:06   | DataFile Name :   | 175SMPL_P7071917 -M |

| Parameter  | Mass  | ConRep1  | ConRep2  | ConRep3  | Avg. Conc. | ConcRSD | Units |
|------------|-------|----------|----------|----------|------------|---------|-------|
| Molybdenum | 94-1  | 0.03     | 0.00     | 0.03     | 0.02       | 71.49   | ppb   |
| Molybdenum | 95-1  | -0.02    | -0.03    | 0.00     | -0.02      |         | ppb   |
| Molybdenum | 96-1  | 0.00     | 0.01     | 0.00     | 0.00       | 294.80  | ppb   |
| Molybdenum | 97-1  | 0.03     | 0.00     | -0.01    | 0.00       | 565.76  | ppb   |
| Molybdenum | 98-1  | -0.01    | 0.00     | -0.01    | -0.01      |         | ppb   |
| Neodymium  | 150-1 |          |          |          |            |         | cps   |
| Neodymium  | 150-2 |          |          |          |            |         | cps   |
| Nickel     | 60-2  | 0.14     | 0.26     | 0.21     | 0.20       | 29.79   | ppb   |
| Phosphorus | 31-2  | 573.67   | 587.20   | 544.34   | 568.40     | 3.85    | ppb   |
| Potassium  | 39-2  | 531.35   | 520.71   | 544.89   | 532.32     | 2.28    | ppb   |
| Rhodium    | 103-1 |          |          |          |            |         | %     |
| Rhodium    | 103-2 |          |          |          |            |         | %     |
| Scandium   | 45-1  |          |          |          |            |         | %     |
| Scandium   | 45-2  |          |          |          |            |         | %     |
| Selenium   | 77-2  | 0.00     | 0.00     | 0.00     | 0.00       | N/A     | ppb   |
| Selenium   | 78-2  | -0.77    | -0.15    | 0.02     | -0.30      |         | ppb   |
| Selenium   | 82-1  | 1.04     | 0.88     | 1.32     | 1.08       | 20.18   | ppb   |
| Silicon    | 28-1  | 889.98   | 913.63   | 911.83   | 905.15     | 1.45    | ppb   |
| Silver     | 109-1 | 0.02     | 0.03     | 0.01     | 0.02       | 32.85   | ppb   |
| Silver     | 107-1 | 0.01     | 0.03     | 0.03     | 0.02       | 48.22   | ppb   |
| Sodium     | 23-2  | 10196.81 | 10073.83 | 10191.58 | 10154.07   | 0.68    | ppb   |
| Strontium  | 86-1  | 18.25    | 18.61    | 18.33    | 18.40      | 1.03    | ppb   |
| Strontium  | 88-1  | 18.09    | 18.43    | 18.38    | 18.30      | 1.00    | ppb   |
| Sulfur     | 34-1  | 2861.04  | 2864.69  | 2940.04  | 2888.59    | 1.54    | ppb   |
| Terbium    | 159-1 |          |          |          |            |         | %     |
| Terbium    | 159-2 |          |          |          |            |         | %     |
| Thallium   | 203-1 | -0.03    | -0.05    | -0.04    | -0.04      |         | ppb   |
| Thallium   | 205-1 | -0.03    | -0.03    | -0.03    | -0.03      |         | ppb   |
| Tin        | 118-1 | 0.03     | -0.02    | 0.01     | 0.01       | 236.85  | ppb   |
| Titanium   | 47-1  | 0.32     | 0.52     | 0.34     | 0.39       | 27.71   | ppb   |
| Uranium    | 238-1 | -0.06    | -0.06    | -0.06    | -0.06      |         | ppb   |
| Vanadium   | 51-2  | 0.03     | 0.03     | 0.07     | 0.04       | 42.92   | ppb   |
| Yttrium    | 89-1  |          |          |          |            |         | %     |
| Yttrium    | 89-2  |          |          |          |            |         | %     |
| Zinc       | 66-2  | 51.45    | 47.61    | 48.75    | 49.27      | 4.00    | ppb   |
| Zirconium  | 90-1  | 0.02     | 0.03     | 0.04     | 0.03       | 24.97   | ppb   |

|                         |                       |                   |                     |
|-------------------------|-----------------------|-------------------|---------------------|
| LB Number :             | LB88853               | Operator :        | Jaswal              |
| Lab Sample ID :         | I4279-10              | Instrumnet Name : | P7                  |
| Client Sample ID :      | DC3126-47-FL3-CL309-V | Dilution Factor : | 1                   |
| Date & Time Acquired :: | 2017-07-19 23:28:06   | DataFile Name :   | 175SMPL_P7071917 -M |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|-----------|------|---------|---------|---------|------------|---------|-------|
| Zirconium | 91-1 | 0.03    | 0.01    | 0.00    | 0.01       | 140.01  | ppb   |

LB Number : LB88853 Operator : Jaswal  
 Lab Sample ID : I4279-11 Instrumnet Name : P7  
 Client Sample ID : DC3126-48-FL3-BR309-1 Dilution Factor : 1  
 Date & Time Acquired :: 2017-07-19 23:31:38 DataFile Name : 176SMPL\_P7071917 -M

| Parameter  | Mass  | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|------------|-------|---------|---------|---------|------------|---------|-------|
| Aluminium  | 27-2  | 8.64    | 5.50    | 9.72    | 7.95       | 27.54   | ppb   |
| Antimony   | 121-1 | 0.06    | 0.08    | 0.05    | 0.06       | 21.10   | ppb   |
| Arsenic    | 75-2  | 0.22    | 0.22    | 0.09    | 0.18       | 42.32   | ppb   |
| Barium     | 135-1 | 15.19   | 15.21   | 15.27   | 15.23      | 0.28    | ppb   |
| Barium     | 137-1 | 15.71   | 15.54   | 15.56   | 15.60      | 0.62    | ppb   |
| Beryllium  | 9-1   | -0.04   | -0.07   | -0.08   | -0.06      |         | ppb   |
| Bismuth    | 209-1 |         |         |         |            |         | %     |
| Bismuth    | 209-2 |         |         |         |            |         | %     |
| Boron      | 10-1  | 5.02    | 4.73    | 4.17    | 4.64       | 9.30    | ppb   |
| Boron      | 11-1  | 3.76    | 4.41    | 4.71    | 4.29       | 11.34   | ppb   |
| Cadmium    | 111-1 | -0.31   | -0.44   | -0.35   | -0.37      |         | ppb   |
| Cadmium    | 106-1 | -3.81   | -5.52   | -4.51   | -4.62      |         | ppb   |
| Cadmium    | 108-1 | -0.04   | 0.04    | -0.04   | -0.01      |         | ppb   |
| Calcium    | 43-1  | 5350.04 | 5229.86 | 5159.38 | 5246.43    | 1.84    | ppb   |
| Calcium    | 44-1  | 5240.99 | 5299.29 | 5238.47 | 5259.58    | 0.65    | ppb   |
| Chromium   | 52-2  | 0.00    | 0.05    | 0.05    | 0.03       | 83.34   | ppb   |
| Cobalt     | 59-2  | -0.03   | -0.01   | -0.02   | -0.02      |         | ppb   |
| Copper     | 63-2  | 426.41  | 429.59  | 428.57  | 428.19     | 0.38    | ppb   |
| Dysprosium | 156-1 |         |         |         |            |         | cps   |
| Dysprosium | 156-2 |         |         |         |            |         | cps   |
| Erbium     | 164-1 |         |         |         |            |         | cps   |
| Erbium     | 164-2 |         |         |         |            |         | cps   |
| Gadolinium | 160-1 |         |         |         |            |         | cps   |
| Gadolinium | 160-2 |         |         |         |            |         | cps   |
| Holmium    | 165-1 |         |         |         |            |         | %     |
| Holmium    | 165-2 |         |         |         |            |         | %     |
| Indium     | 115-1 |         |         |         |            |         | %     |
| Indium     | 115-2 |         |         |         |            |         | %     |
| Iron       | 56-2  | 28.90   | 20.37   | 20.21   | 23.16      | 21.47   | ppb   |
| Iron       | 57-2  | 23.88   | 20.49   | 26.36   | 23.58      | 12.50   | ppb   |
| Lead       | 206-1 | 0.16    | 0.21    | 0.18    | 0.18       | 12.57   | ppb   |
| Lead       | 207-1 | 0.17    | 0.25    | 0.19    | 0.20       | 19.65   | ppb   |
| Lead       | 208-1 | 0.19    | 0.22    | 0.19    | 0.20       | 10.47   | ppb   |
| Lithium    | 6-1   |         |         |         |            |         | %     |
| Magnesium  | 24-2  | 1125.93 | 1143.54 | 1144.82 | 1138.10    | 0.93    | ppb   |
| Manganese  | 55-2  | 7.62    | 7.65    | 7.46    | 7.57       | 1.36    | ppb   |



LB Number : LB88853 Operator : Jaswal  
 Lab Sample ID : I4279-11 Instrumnet Name : P7  
 Client Sample ID : DC3126-48-FL3-BR309-1 Dilution Factor : 1  
 Date & Time Acquired :: 2017-07-19 23:31:38 DataFile Name : 176SMPL\_P7071917 -M

| Parameter  | Mass  | ConRep1 | ConRep2  | ConRep3 | Avg. Conc. | ConcRSD | Units |
|------------|-------|---------|----------|---------|------------|---------|-------|
| Molybdenum | 94-1  | 0.04    | 0.02     | 0.01    | 0.03       | 56.80   | ppb   |
| Molybdenum | 95-1  | -0.02   | -0.03    | -0.04   | -0.03      |         | ppb   |
| Molybdenum | 96-1  | -0.01   | 0.00     | 0.00    | 0.00       |         | ppb   |
| Molybdenum | 97-1  | 0.01    | 0.02     | 0.01    | 0.01       | 48.53   | ppb   |
| Molybdenum | 98-1  | 0.00    | -0.01    | -0.03   | -0.01      |         | ppb   |
| Neodymium  | 150-1 |         |          |         |            |         | cps   |
| Neodymium  | 150-2 |         |          |         |            |         | cps   |
| Nickel     | 60-2  | 0.74    | 0.78     | 0.73    | 0.75       | 3.62    | ppb   |
| Phosphorus | 31-2  | 461.65  | 510.80   | 463.02  | 478.49     | 5.85    | ppb   |
| Potassium  | 39-2  | 535.46  | 523.87   | 542.73  | 534.02     | 1.78    | ppb   |
| Rhodium    | 103-1 |         |          |         |            |         | %     |
| Rhodium    | 103-2 |         |          |         |            |         | %     |
| Scandium   | 45-1  |         |          |         |            |         | %     |
| Scandium   | 45-2  |         |          |         |            |         | %     |
| Selenium   | 77-2  | 0.00    | 0.00     | 0.00    | 0.00       | N/A     | ppb   |
| Selenium   | 78-2  | -0.15   | -1.56    | 0.36    | -0.45      |         | ppb   |
| Selenium   | 82-1  | -0.04   | 0.43     | 0.96    | 0.45       | 110.06  | ppb   |
| Silicon    | 28-1  | 950.28  | 951.40   | 943.31  | 948.33     | 0.46    | ppb   |
| Silver     | 109-1 | 0.03    | 0.02     | 0.01    | 0.02       | 48.13   | ppb   |
| Silver     | 107-1 | 0.03    | 0.01     | 0.02    | 0.02       | 30.69   | ppb   |
| Sodium     | 23-2  | 9933.95 | 10010.14 | 9997.09 | 9980.39    | 0.41    | ppb   |
| Strontium  | 86-1  | 18.49   | 18.46    | 18.41   | 18.45      | 0.22    | ppb   |
| Strontium  | 88-1  | 18.48   | 18.62    | 18.50   | 18.53      | 0.39    | ppb   |
| Sulfur     | 34-1  | 2726.01 | 2763.81  | 2691.87 | 2727.23    | 1.32    | ppb   |
| Terbium    | 159-1 |         |          |         |            |         | %     |
| Terbium    | 159-2 |         |          |         |            |         | %     |
| Thallium   | 203-1 | -0.04   | -0.04    | -0.04   | -0.04      |         | ppb   |
| Thallium   | 205-1 | -0.03   | -0.03    | -0.03   | -0.03      |         | ppb   |
| Tin        | 118-1 | -0.07   | -0.07    | -0.07   | -0.07      |         | ppb   |
| Titanium   | 47-1  | 0.26    | 0.40     | 0.32    | 0.33       | 21.92   | ppb   |
| Uranium    | 238-1 | -0.06   | -0.06    | -0.06   | -0.06      |         | ppb   |
| Vanadium   | 51-2  | 0.02    | 0.05     | 0.03    | 0.03       | 54.82   | ppb   |
| Yttrium    | 89-1  |         |          |         |            |         | %     |
| Yttrium    | 89-2  |         |          |         |            |         | %     |
| Zinc       | 66-2  | 161.82  | 163.47   | 163.97  | 163.09     | 0.69    | ppb   |
| Zirconium  | 90-1  | 0.03    | 0.02     | 0.01    | 0.02       | 62.86   | ppb   |

|                         |                       |                   |                     |
|-------------------------|-----------------------|-------------------|---------------------|
| LB Number :             | LB88853               | Operator :        | Jaswal              |
| Lab Sample ID :         | I4279-11              | Instrumnet Name : | P7                  |
| Client Sample ID :      | DC3126-48-FL3-BR309-\ | Dilution Factor : | 1                   |
| Date & Time Acquired :: | 2017-07-19 23:31:38   | DataFile Name :   | 176SMPL_P7071917 -M |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|-----------|------|---------|---------|---------|------------|---------|-------|
| Zirconium | 91-1 | 0.03    | 0.00    | 0.02    | 0.01       | 122.32  | ppb   |

LB Number : LB88853 Operator : Jaswal  
 Lab Sample ID : I4279-12 Instrumnet Name : P7  
 Client Sample ID : DC3126-49-FL3-BR309-1 Dilution Factor : 1  
 Date & Time Acquired :: 2017-07-19 23:35:10 DataFile Name : 177SMPL\_P7071917 -M1

| Parameter  | Mass  | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|------------|-------|---------|---------|---------|------------|---------|-------|
| Aluminium  | 27-2  | 13.85   | 13.39   | 14.37   | 13.87      | 3.53    | ppb   |
| Antimony   | 121-1 | 0.07    | 0.05    | 0.07    | 0.06       | 18.04   | ppb   |
| Arsenic    | 75-2  | 0.28    | 0.25    | 0.18    | 0.24       | 20.55   | ppb   |
| Barium     | 135-1 | 15.56   | 15.88   | 15.28   | 15.58      | 1.92    | ppb   |
| Barium     | 137-1 | 15.54   | 15.66   | 15.51   | 15.57      | 0.51    | ppb   |
| Beryllium  | 9-1   | -0.07   | -0.09   | -0.05   | -0.07      |         | ppb   |
| Bismuth    | 209-1 |         |         |         |            |         | %     |
| Bismuth    | 209-2 |         |         |         |            |         | %     |
| Boron      | 10-1  | 4.22    | 6.00    | 5.10    | 5.11       | 17.43   | ppb   |
| Boron      | 11-1  | 4.03    | 4.71    | 4.88    | 4.54       | 9.94    | ppb   |
| Cadmium    | 111-1 | -0.25   | -0.39   | -0.37   | -0.34      |         | ppb   |
| Cadmium    | 106-1 | -3.00   | -4.95   | -4.68   | -4.21      |         | ppb   |
| Cadmium    | 108-1 | -0.04   | 0.00    | -0.08   | -0.04      |         | ppb   |
| Calcium    | 43-1  | 5198.19 | 5172.02 | 5126.98 | 5165.73    | 0.70    | ppb   |
| Calcium    | 44-1  | 5218.68 | 5185.89 | 5153.48 | 5186.01    | 0.63    | ppb   |
| Chromium   | 52-2  | 0.00    | 0.03    | 0.02    | 0.02       | 95.94   | ppb   |
| Cobalt     | 59-2  | -0.04   | -0.02   | -0.02   | -0.03      |         | ppb   |
| Copper     | 63-2  | 200.30  | 201.42  | 200.49  | 200.74     | 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  | 24.79   | 24.48   | 26.04   | 25.10      | 3.28    | ppb   |
| Iron       | 57-2  | 28.39   | 34.39   | 30.58   | 31.12      | 9.75    | ppb   |
| Lead       | 206-1 | 0.27    | 0.30    | 0.30    | 0.29       | 7.28    | ppb   |
| Lead       | 207-1 | 0.25    | 0.26    | 0.22    | 0.24       | 7.98    | ppb   |
| Lead       | 208-1 | 0.26    | 0.27    | 0.26    | 0.26       | 2.83    | ppb   |
| Lithium    | 6-1   |         |         |         |            |         | %     |
| Magnesium  | 24-2  | 1159.47 | 1173.85 | 1144.73 | 1159.35    | 1.26    | ppb   |
| Manganese  | 55-2  | 10.70   | 10.41   | 10.71   | 10.61      | 1.61    | ppb   |

LB Number : LB88853 Operator : Jaswal  
 Lab Sample ID : I4279-12 Instrumnet Name : P7  
 Client Sample ID : DC3126-49-FL3-BR309-1 Dilution Factor : 1  
 Date & Time Acquired :: 2017-07-19 23:35:10 DataFile Name : 177SMPL\_P7071917 -M

| Parameter  | Mass  | ConRep1  | ConRep2  | ConRep3  | Avg. Conc. | ConcRSD | Units |
|------------|-------|----------|----------|----------|------------|---------|-------|
| Molybdenum | 94-1  | 0.00     | 0.02     | 0.01     | 0.01       | 96.10   | ppb   |
| Molybdenum | 95-1  | -0.02    | -0.03    | -0.01    | -0.02      |         | ppb   |
| Molybdenum | 96-1  | 0.01     | 0.00     | -0.01    | 0.00       |         | ppb   |
| Molybdenum | 97-1  | 0.00     | 0.00     | 0.00     | 0.00       | 144.90  | ppb   |
| Molybdenum | 98-1  | -0.01    | -0.02    | -0.01    | -0.01      |         | ppb   |
| Neodymium  | 150-1 |          |          |          |            |         | cps   |
| Neodymium  | 150-2 |          |          |          |            |         | cps   |
| Nickel     | 60-2  | 0.48     | 0.49     | 0.67     | 0.55       | 19.23   | ppb   |
| Phosphorus | 31-2  | 578.63   | 570.39   | 578.35   | 575.79     | 0.81    | ppb   |
| Potassium  | 39-2  | 521.34   | 541.92   | 534.51   | 532.59     | 1.96    | ppb   |
| Rhodium    | 103-1 |          |          |          |            |         | %     |
| Rhodium    | 103-2 |          |          |          |            |         | %     |
| Scandium   | 45-1  |          |          |          |            |         | %     |
| Scandium   | 45-2  |          |          |          |            |         | %     |
| Selenium   | 77-2  | 0.00     | 0.96     | 0.97     | 0.64       | 86.61   | ppb   |
| Selenium   | 78-2  | -0.28    | -2.20    | -0.87    | -1.12      |         | ppb   |
| Selenium   | 82-1  | 0.10     | -0.13    | 0.45     | 0.14       | 204.64  | ppb   |
| Silicon    | 28-1  | 932.65   | 929.37   | 925.68   | 929.23     | 0.38    | ppb   |
| Silver     | 109-1 | 0.03     | 0.02     | 0.02     | 0.02       | 14.35   | ppb   |
| Silver     | 107-1 | 0.03     | 0.02     | 0.03     | 0.03       | 21.36   | ppb   |
| Sodium     | 23-2  | 10074.20 | 10149.17 | 10118.75 | 10114.04   | 0.37    | ppb   |
| Strontium  | 86-1  | 18.75    | 18.09    | 17.85    | 18.23      | 2.55    | ppb   |
| Strontium  | 88-1  | 18.31    | 18.08    | 18.11    | 18.17      | 0.70    | ppb   |
| Sulfur     | 34-1  | 2689.24  | 2635.12  | 2680.97  | 2668.45    | 1.09    | ppb   |
| Terbium    | 159-1 |          |          |          |            |         | %     |
| Terbium    | 159-2 |          |          |          |            |         | %     |
| Thallium   | 203-1 | -0.04    | -0.04    | -0.04    | -0.04      |         | ppb   |
| Thallium   | 205-1 | -0.03    | -0.03    | -0.03    | -0.03      |         | ppb   |
| Tin        | 118-1 | -0.05    | -0.05    | -0.04    | -0.05      |         | ppb   |
| Titanium   | 47-1  | 0.46     | 0.41     | 0.49     | 0.45       | 8.92    | ppb   |
| Uranium    | 238-1 | -0.06    | -0.06    | -0.06    | -0.06      |         | ppb   |
| Vanadium   | 51-2  | 0.04     | 0.03     | 0.04     | 0.04       | 22.43   | ppb   |
| Yttrium    | 89-1  |          |          |          |            |         | %     |
| Yttrium    | 89-2  |          |          |          |            |         | %     |
| Zinc       | 66-2  | 48.03    | 49.15    | 47.57    | 48.25      | 1.68    | ppb   |
| Zirconium  | 90-1  | 0.02     | 0.02     | 0.02     | 0.02       | 9.54    | ppb   |

|                         |                       |                   |                     |
|-------------------------|-----------------------|-------------------|---------------------|
| LB Number :             | LB88853               | Operator :        | Jaswal              |
| Lab Sample ID :         | I4279-12              | Instrumnet Name : | P7                  |
| Client Sample ID :      | DC3126-49-FL3-BR309-\ | Dilution Factor : | 1                   |
| Date & Time Acquired :: | 2017-07-19 23:35:10   | DataFile Name :   | 177SMPL_P7071917 -M |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|-----------|------|---------|---------|---------|------------|---------|-------|
| Zirconium | 91-1 | 0.02    | 0.02    | 0.05    | 0.03       | 61.49   | ppb   |

|                         |                     |                   |                      |
|-------------------------|---------------------|-------------------|----------------------|
| LB Number :             | LB88853             | Operator :        | Jaswal               |
| Lab Sample ID :         | CCV44               | Instrumnet Name : | P7                   |
| Client Sample ID :      | CCV44               | Dilution Factor : | 1                    |
| Date & Time Acquired :: | 2017-07-19 23:38:42 | DataFile Name :   | 178CCV_P7071917 -MS. |

| Parameter  | Mass  | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|------------|-------|---------|---------|---------|------------|---------|-------|
| Aluminium  | 27-2  | 0.08    | 0.09    | -0.38   | -0.07      |         | ppb   |
| Antimony   | 121-1 | 0.01    | 0.00    | 0.01    | 0.00       | 92.13   | ppb   |
| Arsenic    | 75-2  | -0.03   | -0.03   | -0.04   | -0.03      |         | ppb   |
| Barium     | 135-1 | -0.11   | -0.10   | -0.07   | -0.09      |         | ppb   |
| Barium     | 137-1 | -0.04   | -0.06   | -0.07   | -0.06      |         | ppb   |
| Beryllium  | 9-1   | -0.08   | -0.09   | -0.07   | -0.08      |         | ppb   |
| Bismuth    | 209-1 |         |         |         |            |         | %     |
| Bismuth    | 209-2 |         |         |         |            |         | %     |
| Boron      | 10-1  | 1.09    | 1.49    | 0.86    | 1.15       | 27.77   | ppb   |
| Boron      | 11-1  | 0.94    | 1.21    | 1.36    | 1.17       | 18.39   | ppb   |
| Cadmium    | 111-1 | -0.37   | -0.40   | -0.34   | -0.37      |         | ppb   |
| Cadmium    | 106-1 | -4.49   | -4.96   | -4.20   | -4.55      |         | ppb   |
| Cadmium    | 108-1 | -0.07   | -0.11   | -0.11   | -0.10      |         | ppb   |
| Calcium    | 43-1  | 8.04    | 2.43    | 3.44    | 4.64       | 64.46   | ppb   |
| Calcium    | 44-1  | 2.45    | 1.73    | 3.61    | 2.60       | 36.42   | ppb   |
| Chromium   | 52-2  | -0.03   | -0.01   | -0.08   | -0.04      |         | ppb   |
| Cobalt     | 59-2  | -0.07   | -0.08   | -0.06   | -0.07      |         | ppb   |
| Copper     | 63-2  | 0.04    | 0.04    | 0.01    | 0.03       | 54.62   | 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  | 0.12    | 0.01    | 0.34    | 0.16       | 108.66  | ppb   |
| Iron       | 57-2  | 2.81    | 1.39    | 1.15    | 1.78       | 50.32   | ppb   |
| Lead       | 206-1 | 495.60  | 503.04  | 509.59  | 502.74     | 1.39    | ppb   |
| Lead       | 207-1 | 484.42  | 488.90  | 500.48  | 491.27     | 1.69    | ppb   |
| Lead       | 208-1 | 494.52  | 499.65  | 509.65  | 501.27     | 1.53    | ppb   |
| Lithium    | 6-1   |         |         |         |            |         | %     |
| Magnesium  | 24-2  | -0.60   | -1.47   | 2.19    | 0.04       | 4741.25 | ppb   |
| Manganese  | 55-2  | -0.02   | -0.10   | 0.05    | -0.02      |         | ppb   |

|                         |                     |                   |                      |
|-------------------------|---------------------|-------------------|----------------------|
| LB Number :             | LB88853             | Operator :        | Jaswal               |
| Lab Sample ID :         | CCV44               | Instrumnet Name : | P7                   |
| Client Sample ID :      | CCV44               | Dilution Factor : | 1                    |
| Date & Time Acquired :: | 2017-07-19 23:38:42 | DataFile Name :   | 178CCV_P7071917 -MS. |

| Parameter  | Mass  | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|------------|-------|---------|---------|---------|------------|---------|-------|
| Molybdenum | 94-1  | -0.01   | 0.01    | -0.01   | 0.00       |         | ppb   |
| Molybdenum | 95-1  | -0.06   | -0.05   | -0.06   | -0.05      |         | ppb   |
| Molybdenum | 96-1  | -0.03   | -0.04   | -0.03   | -0.03      |         | ppb   |
| Molybdenum | 97-1  | -0.02   | -0.03   | -0.03   | -0.03      |         | ppb   |
| Molybdenum | 98-1  | -0.05   | -0.04   | -0.04   | -0.04      |         | ppb   |
| Neodymium  | 150-1 |         |         |         |            |         | cps   |
| Neodymium  | 150-2 |         |         |         |            |         | cps   |
| Nickel     | 60-2  | -0.51   | -0.46   | -0.49   | -0.49      |         | ppb   |
| Phosphorus | 31-2  | 2.00    | 20.06   | -14.45  | 2.54       | 680.65  | ppb   |
| Potassium  | 39-2  | 50.93   | 51.99   | 62.46   | 55.13      | 11.56   | ppb   |
| Rhodium    | 103-1 |         |         |         |            |         | %     |
| Rhodium    | 103-2 |         |         |         |            |         | %     |
| Scandium   | 45-1  |         |         |         |            |         | %     |
| Scandium   | 45-2  |         |         |         |            |         | %     |
| Selenium   | 77-2  | 0.00    | 0.00    | 0.00    | 0.00       | N/A     | ppb   |
| Selenium   | 78-2  | -1.04   | 0.25    | 1.09    | 0.10       | 1062.52 | ppb   |
| Selenium   | 82-1  | 0.04    | 1.04    | -0.28   | 0.27       | 259.52  | ppb   |
| Silicon    | 28-1  | 19.98   | 19.73   | 21.18   | 20.30      | 3.81    | ppb   |
| Silver     | 109-1 | 0.01    | 0.01    | 0.01    | 0.01       | 30.35   | ppb   |
| Silver     | 107-1 | 0.00    | 0.01    | 0.00    | 0.00       | 123.38  | ppb   |
| Sodium     | 23-2  | 68.27   | 72.91   | 73.49   | 71.56      | 4.00    | ppb   |
| Strontium  | 86-1  | 0.09    | 0.09    | 0.11    | 0.10       | 11.51   | ppb   |
| Strontium  | 88-1  | 0.00    | 0.00    | 0.01    | 0.00       | 118.70  | ppb   |
| Sulfur     | 34-1  | 3214.24 | 3068.63 | 3244.11 | 3175.66    | 2.96    | ppb   |
| Terbium    | 159-1 |         |         |         |            |         | %     |
| Terbium    | 159-2 |         |         |         |            |         | %     |
| Thallium   | 203-1 | -0.02   | -0.03   | -0.03   | -0.03      |         | ppb   |
| Thallium   | 205-1 | -0.03   | -0.02   | -0.03   | -0.03      |         | ppb   |
| Tin        | 118-1 | -0.10   | -0.09   | -0.11   | -0.10      |         | ppb   |
| Titanium   | 47-1  | 0.04    | -0.07   | 0.06    | 0.01       | 668.34  | ppb   |
| Uranium    | 238-1 | -0.07   | -0.06   | -0.07   | -0.07      |         | ppb   |
| Vanadium   | 51-2  | -0.02   | -0.02   | -0.02   | -0.02      |         | ppb   |
| Yttrium    | 89-1  |         |         |         |            |         | %     |
| Yttrium    | 89-2  |         |         |         |            |         | %     |
| Zinc       | 66-2  | 0.69    | 0.40    | 0.61    | 0.57       | 26.12   | ppb   |
| Zirconium  | 90-1  | 0.00    | 0.00    | -0.01   | 0.00       |         | ppb   |

|                         |                     |                   |                      |
|-------------------------|---------------------|-------------------|----------------------|
| LB Number :             | LB88853             | Operator :        | Jaswal               |
| Lab Sample ID :         | CCV44               | Instrumnet Name : | P7                   |
| Client Sample ID :      | CCV44               | Dilution Factor : | 1                    |
| Date & Time Acquired :: | 2017-07-19 23:38:42 | DataFile Name :   | 178CCV_P7071917 -MS. |

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



LB Number : LB88853 Operator : Jaswal  
 Lab Sample ID : CCB44 Instrumnet Name : P7  
 Client Sample ID : CCB44 Dilution Factor : 1  
 Date & Time Acquired :: 2017-07-19 23:42:15 DataFile Name : 179CCBE\_P7071917 -M:

| Parameter  | Mass  | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|------------|-------|---------|---------|---------|------------|---------|-------|
| Aluminium  | 27-2  | -0.39   | 0.56    | 1.01    | 0.39       | 181.75  | ppb   |
| Antimony   | 121-1 | 0.00    | 0.01    | 0.00    | 0.00       | 170.88  | ppb   |
| Arsenic    | 75-2  | -0.03   | 0.02    | -0.05   | -0.02      |         | ppb   |
| Barium     | 135-1 | -0.09   | -0.10   | -0.09   | -0.09      |         | ppb   |
| Barium     | 137-1 | -0.07   | -0.06   | -0.06   | -0.06      |         | ppb   |
| Beryllium  | 9-1   | -0.05   | -0.08   | -0.08   | -0.07      |         | ppb   |
| Bismuth    | 209-1 |         |         |         |            |         | %     |
| Bismuth    | 209-2 |         |         |         |            |         | %     |
| Boron      | 10-1  | 1.00    | 0.58    | 0.83    | 0.80       | 26.80   | ppb   |
| Boron      | 11-1  | 0.16    | 0.67    | 0.56    | 0.46       | 58.03   | ppb   |
| Cadmium    | 111-1 | -0.35   | -0.33   | -0.40   | -0.36      |         | ppb   |
| Cadmium    | 106-1 | -4.27   | -3.90   | -4.82   | -4.33      |         | ppb   |
| Cadmium    | 108-1 | -0.07   | -0.07   | -0.03   | -0.06      |         | ppb   |
| Calcium    | 43-1  | -0.04   | -2.43   | -1.74   | -1.41      |         | ppb   |
| Calcium    | 44-1  | -3.63   | -3.84   | -4.63   | -4.03      |         | ppb   |
| Chromium   | 52-2  | 0.03    | 0.07    | 0.07    | 0.05       | 43.64   | ppb   |
| Cobalt     | 59-2  | -0.09   | -0.08   | -0.07   | -0.08      |         | ppb   |
| Copper     | 63-2  | -0.03   | 0.04    | -0.01   | 0.00       |         | ppb   |
| Dysprosium | 156-1 |         |         |         |            |         | cps   |
| Dysprosium | 156-2 |         |         |         |            |         | cps   |
| Erbium     | 164-1 |         |         |         |            |         | cps   |
| Erbium     | 164-2 |         |         |         |            |         | cps   |
| Gadolinium | 160-1 |         |         |         |            |         | cps   |
| Gadolinium | 160-2 |         |         |         |            |         | cps   |
| Holmium    | 165-1 |         |         |         |            |         | %     |
| Holmium    | 165-2 |         |         |         |            |         | %     |
| Indium     | 115-1 |         |         |         |            |         | %     |
| Indium     | 115-2 |         |         |         |            |         | %     |
| Iron       | 56-2  | 0.29    | 0.27    | 0.50    | 0.36       | 36.08   | ppb   |
| Iron       | 57-2  | 1.73    | 1.86    | 1.28    | 1.62       | 18.67   | ppb   |
| Lead       | 206-1 | 0.02    | -0.03   | -0.04   | -0.02      |         | ppb   |
| Lead       | 207-1 | 0.00    | -0.03   | -0.04   | -0.02      |         | ppb   |
| Lead       | 208-1 | 0.01    | -0.03   | -0.03   | -0.02      |         | ppb   |
| Lithium    | 6-1   |         |         |         |            |         | %     |
| Magnesium  | 24-2  | -0.96   | -0.57   | 1.45    | -0.02      |         | ppb   |
| Manganese  | 55-2  | -0.06   | -0.10   | -0.01   | -0.06      |         | ppb   |

|                         |                     |                   |                     |
|-------------------------|---------------------|-------------------|---------------------|
| LB Number :             | LB88853             | Operator :        | Jaswal              |
| Lab Sample ID :         | CCB44               | Instrumnet Name : | P7                  |
| Client Sample ID :      | CCB44               | Dilution Factor : | 1                   |
| Date & Time Acquired :: | 2017-07-19 23:42:15 | DataFile Name :   | 179CCBE_P7071917 -M |

| Parameter  | Mass  | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|------------|-------|---------|---------|---------|------------|---------|-------|
| Molybdenum | 94-1  | -0.01   | 0.00    | 0.00    | -0.01      |         | ppb   |
| Molybdenum | 95-1  | -0.06   | -0.05   | -0.06   | -0.06      |         | ppb   |
| Molybdenum | 96-1  | -0.04   | -0.04   | -0.03   | -0.04      |         | ppb   |
| Molybdenum | 97-1  | -0.03   | -0.03   | -0.03   | -0.03      |         | ppb   |
| Molybdenum | 98-1  | -0.05   | -0.05   | -0.05   | -0.05      |         | ppb   |
| Neodymium  | 150-1 |         |         |         |            |         | cps   |
| Neodymium  | 150-2 |         |         |         |            |         | cps   |
| Nickel     | 60-2  | -0.44   | -0.53   | -0.45   | -0.47      |         | ppb   |
| Phosphorus | 31-2  | -20.38  | 2.14    | -2.79   | -7.01      |         | ppb   |
| Potassium  | 39-2  | 45.93   | 56.33   | 52.65   | 51.64      | 10.21   | ppb   |
| Rhodium    | 103-1 |         |         |         |            |         | %     |
| Rhodium    | 103-2 |         |         |         |            |         | %     |
| Scandium   | 45-1  |         |         |         |            |         | %     |
| Scandium   | 45-2  |         |         |         |            |         | %     |
| Selenium   | 77-2  | 0.00    | 0.00    | 0.00    | 0.00       | N/A     | ppb   |
| Selenium   | 78-2  | -1.30   | 2.07    | -0.42   | 0.12       | 1489.78 | ppb   |
| Selenium   | 82-1  | -0.85   | 0.42    | 0.99    | 0.19       | 505.67  | ppb   |
| Silicon    | 28-1  | 18.95   | 14.44   | 13.89   | 15.76      | 17.60   | ppb   |
| Silver     | 109-1 | 0.01    | 0.01    | 0.00    | 0.01       | 65.64   | ppb   |
| Silver     | 107-1 | 0.01    | 0.00    | 0.00    | 0.00       | 141.32  | ppb   |
| Sodium     | 23-2  | 68.19   | 70.62   | 65.46   | 68.09      | 3.79    | ppb   |
| Strontium  | 86-1  | 0.06    | 0.06    | 0.15    | 0.09       | 58.81   | ppb   |
| Strontium  | 88-1  | 0.00    | 0.00    | 0.00    | 0.00       |         | ppb   |
| Sulfur     | 34-1  | 2591.19 | 2130.63 | 2202.33 | 2308.05    | 10.74   | ppb   |
| Terbium    | 159-1 |         |         |         |            |         | %     |
| Terbium    | 159-2 |         |         |         |            |         | %     |
| Thallium   | 203-1 | -0.04   | -0.02   | -0.03   | -0.03      |         | ppb   |
| Thallium   | 205-1 | -0.02   | -0.03   | -0.03   | -0.03      |         | ppb   |
| Tin        | 118-1 | -0.01   | -0.02   | -0.03   | -0.02      |         | ppb   |
| Titanium   | 47-1  | -0.02   | -0.01   | 0.09    | 0.02       | 365.13  | ppb   |
| Uranium    | 238-1 | -0.07   | -0.07   | -0.07   | -0.07      |         | ppb   |
| Vanadium   | 51-2  | -0.02   | -0.03   | -0.02   | -0.02      |         | ppb   |
| Yttrium    | 89-1  |         |         |         |            |         | %     |
| Yttrium    | 89-2  |         |         |         |            |         | %     |
| Zinc       | 66-2  | 0.20    | -0.02   | 0.12    | 0.10       | 115.94  | ppb   |
| Zirconium  | 90-1  | -0.01   | -0.01   | 0.01    | 0.00       |         | ppb   |

|                         |                     |                   |                      |
|-------------------------|---------------------|-------------------|----------------------|
| LB Number :             | LB88853             | Operator :        | Jaswal               |
| Lab Sample ID :         | CCB44               | Instrumnet Name : | P7                   |
| Client Sample ID :      | CCB44               | Dilution Factor : | 1                    |
| Date & Time Acquired :: | 2017-07-19 23:42:15 | DataFile Name :   | 179CCBE_P7071917 -M: |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD  | Units |
|-----------|------|---------|---------|---------|------------|----------|-------|
| Zirconium | 91-1 | 0.03    | -0.02   | -0.01   | 0.00       | 12724.91 | ppb   |

LB Number : LB88853 Operator : Jaswal  
 Lab Sample ID : I4279-13 Instrumnet Name : P7  
 Client Sample ID : DC3126-51-FL3-BRM-W/ Dilution Factor : 1  
 Date & Time Acquired :: 2017-07-19 23:45:47 DataFile Name : 180SMPL\_P7071917 -M8

| Parameter  | Mass  | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|------------|-------|---------|---------|---------|------------|---------|-------|
| Aluminium  | 27-2  | 4.58    | 3.79    | 4.99    | 4.45       | 13.69   | ppb   |
| Antimony   | 121-1 | 0.10    | 0.07    | 0.07    | 0.08       | 19.62   | ppb   |
| Arsenic    | 75-2  | 0.13    | 0.11    | 0.20    | 0.15       | 30.80   | ppb   |
| Barium     | 135-1 | 14.36   | 14.52   | 14.45   | 14.44      | 0.57    | ppb   |
| Barium     | 137-1 | 14.92   | 15.35   | 15.30   | 15.19      | 1.57    | ppb   |
| Beryllium  | 9-1   | -0.08   | -0.04   | -0.11   | -0.08      |         | ppb   |
| Bismuth    | 209-1 |         |         |         |            |         | %     |
| Bismuth    | 209-2 |         |         |         |            |         | %     |
| Boron      | 10-1  | 4.32    | 5.87    | 4.96    | 5.05       | 15.37   | ppb   |
| Boron      | 11-1  | 4.57    | 5.33    | 5.03    | 4.98       | 7.72    | ppb   |
| Cadmium    | 111-1 | -0.26   | -0.38   | -0.27   | -0.30      |         | ppb   |
| Cadmium    | 106-1 | -4.16   | -5.97   | -4.50   | -4.88      |         | ppb   |
| Cadmium    | 108-1 | 0.18    | 0.15    | 0.00    | 0.11       | 86.34   | ppb   |
| Calcium    | 43-1  | 5012.73 | 5016.78 | 5243.66 | 5091.06    | 2.60    | ppb   |
| Calcium    | 44-1  | 5084.50 | 5113.11 | 5211.60 | 5136.40    | 1.30    | ppb   |
| Chromium   | 52-2  | 0.00    | 0.03    | 0.02    | 0.02       | 68.95   | ppb   |
| Cobalt     | 59-2  | 0.07    | 0.12    | 0.08    | 0.09       | 24.54   | ppb   |
| Copper     | 63-2  | 529.69  | 534.77  | 528.87  | 531.11     | 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  | 13.96   | 13.47   | 14.14   | 13.86      | 2.49    | ppb   |
| Iron       | 57-2  | 19.27   | 21.44   | 22.00   | 20.90      | 6.92    | ppb   |
| Lead       | 206-1 | 0.55    | 0.54    | 0.54    | 0.54       | 0.72    | ppb   |
| Lead       | 207-1 | 0.53    | 0.54    | 0.54    | 0.54       | 0.67    | ppb   |
| Lead       | 208-1 | 0.54    | 0.53    | 0.55    | 0.54       | 1.71    | ppb   |
| Lithium    | 6-1   |         |         |         |            |         | %     |
| Magnesium  | 24-2  | 1224.59 | 1215.58 | 1213.85 | 1218.00    | 0.47    | ppb   |
| Manganese  | 55-2  | 6.87    | 6.61    | 6.75    | 6.75       | 1.91    | ppb   |

LB Number : LB88853 Operator : Jaswal  
 Lab Sample ID : I4279-13 Instrumnet Name : P7  
 Client Sample ID : DC3126-51-FL3-BRM-W/ Dilution Factor : 1  
 Date & Time Acquired :: 2017-07-19 23:45:47 DataFile Name : 180SMPL\_P7071917 -M

| Parameter  | Mass  | ConRep1  | ConRep2  | ConRep3  | Avg. Conc. | ConcRSD | Units |
|------------|-------|----------|----------|----------|------------|---------|-------|
| Molybdenum | 94-1  | 0.02     | 0.02     | 0.01     | 0.01       | 38.86   | ppb   |
| Molybdenum | 95-1  | -0.03    | -0.03    | -0.03    | -0.03      |         | ppb   |
| Molybdenum | 96-1  | 0.01     | 0.00     | 0.00     | 0.00       | 85.67   | ppb   |
| Molybdenum | 97-1  | 0.02     | 0.04     | 0.01     | 0.02       | 66.57   | ppb   |
| Molybdenum | 98-1  | -0.01    | -0.01    | 0.00     | -0.01      |         | ppb   |
| Neodymium  | 150-1 |          |          |          |            |         | cps   |
| Neodymium  | 150-2 |          |          |          |            |         | cps   |
| Nickel     | 60-2  | 4.10     | 4.45     | 3.85     | 4.14       | 7.30    | ppb   |
| Phosphorus | 31-2  | 553.66   | 590.41   | 424.11   | 522.73     | 16.71   | ppb   |
| Potassium  | 39-2  | 533.43   | 533.92   | 526.27   | 531.20     | 0.81    | ppb   |
| Rhodium    | 103-1 |          |          |          |            |         | %     |
| Rhodium    | 103-2 |          |          |          |            |         | %     |
| Scandium   | 45-1  |          |          |          |            |         | %     |
| Scandium   | 45-2  |          |          |          |            |         | %     |
| Selenium   | 77-2  | 0.00     | 0.00     | 0.00     | 0.00       | N/A     | ppb   |
| Selenium   | 78-2  | 0.44     | -1.28    | -0.02    | -0.29      |         | ppb   |
| Selenium   | 82-1  | 1.04     | -0.13    | 1.10     | 0.67       | 103.42  | ppb   |
| Silicon    | 28-1  | 977.05   | 978.50   | 997.25   | 984.26     | 1.14    | ppb   |
| Silver     | 109-1 | 0.04     | 0.05     | 0.03     | 0.04       | 15.30   | ppb   |
| Silver     | 107-1 | 0.04     | 0.03     | 0.05     | 0.04       | 23.64   | ppb   |
| Sodium     | 23-2  | 10176.94 | 10213.90 | 10139.57 | 10176.80   | 0.37    | ppb   |
| Strontium  | 86-1  | 17.66    | 18.70    | 18.94    | 18.43      | 3.70    | ppb   |
| Strontium  | 88-1  | 17.86    | 18.23    | 18.48    | 18.19      | 1.71    | ppb   |
| Sulfur     | 34-1  | 2335.22  | 2444.37  | 2798.20  | 2525.93    | 9.58    | ppb   |
| Terbium    | 159-1 |          |          |          |            |         | %     |
| Terbium    | 159-2 |          |          |          |            |         | %     |
| Thallium   | 203-1 | -0.03    | -0.03    | -0.04    | -0.03      |         | ppb   |
| Thallium   | 205-1 | -0.03    | -0.03    | -0.03    | -0.03      |         | ppb   |
| Tin        | 118-1 | -0.05    | -0.07    | -0.06    | -0.06      |         | ppb   |
| Titanium   | 47-1  | 0.37     | 0.34     | 0.31     | 0.34       | 8.61    | ppb   |
| Uranium    | 238-1 | -0.06    | -0.06    | -0.06    | -0.06      |         | ppb   |
| Vanadium   | 51-2  | 0.05     | 0.01     | 0.07     | 0.04       | 67.47   | ppb   |
| Yttrium    | 89-1  |          |          |          |            |         | %     |
| Yttrium    | 89-2  |          |          |          |            |         | %     |
| Zinc       | 66-2  | 240.25   | 236.74   | 237.83   | 238.27     | 0.75    | ppb   |
| Zirconium  | 90-1  | 0.02     | 0.02     | 0.02     | 0.02       | 18.96   | ppb   |

|                         |                      |                   |                     |
|-------------------------|----------------------|-------------------|---------------------|
| LB Number :             | LB88853              | Operator :        | Jaswal              |
| Lab Sample ID :         | I4279-13             | Instrumnet Name : | P7                  |
| Client Sample ID :      | DC3126-51-FL3-BRM-W; | Dilution Factor : | 1                   |
| Date & Time Acquired :: | 2017-07-19 23:45:47  | DataFile Name :   | 180SMPL_P7071917 -M |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|-----------|------|---------|---------|---------|------------|---------|-------|
| Zirconium | 91-1 | 0.04    | 0.01    | 0.02    | 0.03       | 43.85   | ppb   |

LB Number : LB88853 Operator : Jaswal  
 Lab Sample ID : I4279-14 Instrumnet Name : P7  
 Client Sample ID : DC3126-52-FL3-BRM-W/ Dilution Factor : 1  
 Date & Time Acquired :: 2017-07-19 23:49:19 DataFile Name : 181SMPL\_P7071917 -M8

| Parameter  | Mass  | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|------------|-------|---------|---------|---------|------------|---------|-------|
| Aluminium  | 27-2  | 7.51    | 6.22    | 1.96    | 5.23       | 55.46   | ppb   |
| Antimony   | 121-1 | 0.06    | 0.05    | 0.06    | 0.06       | 10.71   | ppb   |
| Arsenic    | 75-2  | 0.13    | 0.18    | 0.22    | 0.18       | 26.49   | ppb   |
| Barium     | 135-1 | 14.29   | 14.41   | 14.40   | 14.37      | 0.47    | ppb   |
| Barium     | 137-1 | 15.03   | 14.70   | 14.87   | 14.86      | 1.10    | ppb   |
| Beryllium  | 9-1   | -0.11   | -0.07   | -0.07   | -0.08      |         | ppb   |
| Bismuth    | 209-1 |         |         |         |            |         | %     |
| Bismuth    | 209-2 |         |         |         |            |         | %     |
| Boron      | 10-1  | 4.77    | 5.66    | 6.09    | 5.50       | 12.24   | ppb   |
| Boron      | 11-1  | 5.42    | 5.16    | 5.88    | 5.49       | 6.67    | ppb   |
| Cadmium    | 111-1 | -0.24   | -0.28   | -0.25   | -0.26      |         | ppb   |
| Cadmium    | 106-1 | -4.06   | -4.31   | -4.55   | -4.30      |         | ppb   |
| Cadmium    | 108-1 | 0.00    | 0.08    | -0.07   | 0.00       | 2706.16 | ppb   |
| Calcium    | 43-1  | 5145.58 | 5035.89 | 5068.23 | 5083.23    | 1.11    | ppb   |
| Calcium    | 44-1  | 5089.61 | 5076.87 | 5107.69 | 5091.39    | 0.30    | ppb   |
| Chromium   | 52-2  | 0.01    | 0.01    | -0.01   | 0.00       | 229.98  | ppb   |
| Cobalt     | 59-2  | 0.08    | 0.06    | 0.07    | 0.07       | 13.42   | ppb   |
| Copper     | 63-2  | 517.99  | 518.86  | 523.64  | 520.16     | 0.58    | ppb   |
| Dysprosium | 156-1 |         |         |         |            |         | cps   |
| Dysprosium | 156-2 |         |         |         |            |         | cps   |
| Erbium     | 164-1 |         |         |         |            |         | cps   |
| Erbium     | 164-2 |         |         |         |            |         | cps   |
| Gadolinium | 160-1 |         |         |         |            |         | cps   |
| Gadolinium | 160-2 |         |         |         |            |         | cps   |
| Holmium    | 165-1 |         |         |         |            |         | %     |
| Holmium    | 165-2 |         |         |         |            |         | %     |
| Indium     | 115-1 |         |         |         |            |         | %     |
| Indium     | 115-2 |         |         |         |            |         | %     |
| Iron       | 56-2  | 14.48   | 13.88   | 14.28   | 14.22      | 2.17    | ppb   |
| Iron       | 57-2  | 20.16   | 20.14   | 19.25   | 19.85      | 2.61    | ppb   |
| Lead       | 206-1 | 0.50    | 0.57    | 0.52    | 0.53       | 6.01    | ppb   |
| Lead       | 207-1 | 0.47    | 0.52    | 0.47    | 0.49       | 5.72    | ppb   |
| Lead       | 208-1 | 0.49    | 0.52    | 0.50    | 0.51       | 3.26    | ppb   |
| Lithium    | 6-1   |         |         |         |            |         | %     |
| Magnesium  | 24-2  | 1198.71 | 1219.76 | 1221.18 | 1213.22    | 1.04    | ppb   |
| Manganese  | 55-2  | 7.12    | 6.74    | 7.69    | 7.18       | 6.66    | ppb   |

LB Number : LB88853 Operator : Jaswal  
 Lab Sample ID : I4279-14 Instrumnet Name : P7  
 Client Sample ID : DC3126-52-FL3-BRM-W/ Dilution Factor : 1  
 Date & Time Acquired :: 2017-07-19 23:49:19 DataFile Name : 181SMPL\_P7071917 -M

| Parameter  | Mass  | ConRep1  | ConRep2  | ConRep3  | Avg. Conc. | ConcRSD | Units |
|------------|-------|----------|----------|----------|------------|---------|-------|
| Molybdenum | 94-1  | 0.03     | 0.05     | 0.01     | 0.03       | 60.57   | ppb   |
| Molybdenum | 95-1  | -0.04    | -0.04    | -0.03    | -0.03      |         | ppb   |
| Molybdenum | 96-1  | -0.02    | 0.00     | 0.00     | -0.01      |         | ppb   |
| Molybdenum | 97-1  | -0.01    | -0.01    | 0.02     | 0.00       |         | ppb   |
| Molybdenum | 98-1  | 0.00     | 0.02     | 0.00     | 0.01       | 196.30  | ppb   |
| Neodymium  | 150-1 |          |          |          |            |         | cps   |
| Neodymium  | 150-2 |          |          |          |            |         | cps   |
| Nickel     | 60-2  | 1.74     | 1.82     | 1.82     | 1.79       | 2.54    | ppb   |
| Phosphorus | 31-2  | 505.80   | 469.48   | 594.96   | 523.41     | 12.34   | ppb   |
| Potassium  | 39-2  | 552.92   | 542.67   | 559.83   | 551.81     | 1.56    | ppb   |
| Rhodium    | 103-1 |          |          |          |            |         | %     |
| Rhodium    | 103-2 |          |          |          |            |         | %     |
| Scandium   | 45-1  |          |          |          |            |         | %     |
| Scandium   | 45-2  |          |          |          |            |         | %     |
| Selenium   | 77-2  | 0.00     | 0.00     | 0.00     | 0.00       | N/A     | ppb   |
| Selenium   | 78-2  | 0.24     | 0.54     | -1.34    | -0.19      |         | ppb   |
| Selenium   | 82-1  | 1.27     | 0.16     | 0.92     | 0.78       | 72.55   | ppb   |
| Silicon    | 28-1  | 978.73   | 982.73   | 976.19   | 979.21     | 0.34    | ppb   |
| Silver     | 109-1 | 0.06     | 0.04     | 0.05     | 0.05       | 15.18   | ppb   |
| Silver     | 107-1 | 0.06     | 0.05     | 0.05     | 0.05       | 15.57   | ppb   |
| Sodium     | 23-2  | 10148.82 | 10133.61 | 10174.54 | 10152.32   | 0.20    | ppb   |
| Strontium  | 86-1  | 17.65    | 18.34    | 17.67    | 17.89      | 2.18    | ppb   |
| Strontium  | 88-1  | 17.91    | 18.16    | 17.85    | 17.97      | 0.91    | ppb   |
| Sulfur     | 34-1  | 2685.58  | 2982.47  | 2815.15  | 2827.73    | 5.26    | ppb   |
| Terbium    | 159-1 |          |          |          |            |         | %     |
| Terbium    | 159-2 |          |          |          |            |         | %     |
| Thallium   | 203-1 | -0.04    | -0.03    | -0.04    | -0.04      |         | ppb   |
| Thallium   | 205-1 | -0.03    | -0.03    | -0.03    | -0.03      |         | ppb   |
| Tin        | 118-1 | -0.05    | -0.06    | -0.06    | -0.06      |         | ppb   |
| Titanium   | 47-1  | 0.37     | 0.28     | 0.30     | 0.32       | 14.43   | ppb   |
| Uranium    | 238-1 | -0.06    | -0.06    | -0.06    | -0.06      |         | ppb   |
| Vanadium   | 51-2  | 0.06     | 0.03     | 0.05     | 0.05       | 33.08   | ppb   |
| Yttrium    | 89-1  |          |          |          |            |         | %     |
| Yttrium    | 89-2  |          |          |          |            |         | %     |
| Zinc       | 66-2  | 105.97   | 106.00   | 106.43   | 106.13     | 0.25    | ppb   |
| Zirconium  | 90-1  | 0.01     | 0.03     | 0.02     | 0.02       | 31.23   | ppb   |



|                         |                      |                   |                     |
|-------------------------|----------------------|-------------------|---------------------|
| LB Number :             | LB88853              | Operator :        | Jaswal              |
| Lab Sample ID :         | I4279-14             | Instrumnet Name : | P7                  |
| Client Sample ID :      | DC3126-52-FL3-BRM-W; | Dilution Factor : | 1                   |
| Date & Time Acquired :: | 2017-07-19 23:49:19  | DataFile Name :   | 181SMPL_P7071917 -M |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|-----------|------|---------|---------|---------|------------|---------|-------|
| Zirconium | 91-1 | 0.00    | 0.00    | 0.03    | 0.01       | 180.22  | ppb   |

LB Number : LB88853 Operator : Jaswal  
 Lab Sample ID : I4279-15 Instrumnet Name : P7  
 Client Sample ID : DC3126-54-FL3-BRM-W/ Dilution Factor : 1  
 Date & Time Acquired :: 2017-07-19 23:52:51 DataFile Name : 182SMPL\_P7071917 -M

| Parameter  | Mass  | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|------------|-------|---------|---------|---------|------------|---------|-------|
| Aluminium  | 27-2  | 2.00    | 3.73    | 4.16    | 3.30       | 34.67   | ppb   |
| Antimony   | 121-1 | 0.09    | 0.11    | 0.10    | 0.10       | 11.80   | ppb   |
| Arsenic    | 75-2  | 0.08    | 0.25    | 0.19    | 0.17       | 50.84   | ppb   |
| Barium     | 135-1 | 14.20   | 14.76   | 14.60   | 14.52      | 1.98    | ppb   |
| Barium     | 137-1 | 14.59   | 15.30   | 15.18   | 15.02      | 2.52    | ppb   |
| Beryllium  | 9-1   | -0.10   | -0.10   | 0.00    | -0.07      |         | ppb   |
| Bismuth    | 209-1 |         |         |         |            |         | %     |
| Bismuth    | 209-2 |         |         |         |            |         | %     |
| Boron      | 10-1  | 4.48    | 7.48    | 3.35    | 5.10       | 41.82   | ppb   |
| Boron      | 11-1  | 5.46    | 5.69    | 5.65    | 5.60       | 2.16    | ppb   |
| Cadmium    | 111-1 | -0.40   | -0.23   | -0.28   | -0.30      |         | ppb   |
| Cadmium    | 106-1 | -5.81   | -3.38   | -4.40   | -4.53      |         | ppb   |
| Cadmium    | 108-1 | 0.23    | 0.04    | 0.12    | 0.13       | 71.74   | ppb   |
| Calcium    | 43-1  | 5096.88 | 5218.71 | 5075.69 | 5130.43    | 1.50    | ppb   |
| Calcium    | 44-1  | 5049.00 | 5210.88 | 5083.56 | 5114.48    | 1.67    | ppb   |
| Chromium   | 52-2  | 0.03    | 0.00    | -0.03   | 0.00       | 1071.52 | ppb   |
| Cobalt     | 59-2  | 0.09    | 0.08    | 0.13    | 0.10       | 26.02   | ppb   |
| Copper     | 63-2  | 549.85  | 546.24  | 603.50  | 566.53     | 5.66    | 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  | 12.10   | 11.35   | 13.64   | 12.36      | 9.48    | ppb   |
| Iron       | 57-2  | 18.24   | 19.28   | 22.43   | 19.98      | 10.92   | ppb   |
| Lead       | 206-1 | 0.63    | 0.64    | 0.57    | 0.62       | 6.23    | ppb   |
| Lead       | 207-1 | 0.59    | 0.52    | 0.59    | 0.57       | 7.25    | ppb   |
| Lead       | 208-1 | 0.60    | 0.58    | 0.58    | 0.59       | 2.06    | ppb   |
| Lithium    | 6-1   |         |         |         |            |         | %     |
| Magnesium  | 24-2  | 1215.22 | 1206.40 | 1344.45 | 1255.36    | 6.16    | ppb   |
| Manganese  | 55-2  | 4.17    | 4.11    | 4.51    | 4.26       | 5.10    | ppb   |

LB Number : LB88853 Operator : Jaswal  
 Lab Sample ID : I4279-15 Instrumnet Name : P7  
 Client Sample ID : DC3126-54-FL3-BRM-W/ Dilution Factor : 1  
 Date & Time Acquired :: 2017-07-19 23:52:51 DataFile Name : 182SMPL\_P7071917 -M

| Parameter  | Mass  | ConRep1  | ConRep2 | ConRep3  | Avg. Conc. | ConcRSD | Units |
|------------|-------|----------|---------|----------|------------|---------|-------|
| Molybdenum | 94-1  | 0.01     | 0.01    | 0.01     | 0.01       | 16.46   | ppb   |
| Molybdenum | 95-1  | -0.02    | -0.03   | -0.02    | -0.02      |         | ppb   |
| Molybdenum | 96-1  | -0.01    | -0.01   | 0.01     | 0.00       |         | ppb   |
| Molybdenum | 97-1  | -0.01    | 0.00    | 0.04     | 0.01       | 250.57  | ppb   |
| Molybdenum | 98-1  | -0.02    | -0.01   | -0.02    | -0.02      |         | ppb   |
| Neodymium  | 150-1 |          |         |          |            |         | cps   |
| Neodymium  | 150-2 |          |         |          |            |         | cps   |
| Nickel     | 60-2  | 8.44     | 8.91    | 9.23     | 8.86       | 4.47    | ppb   |
| Phosphorus | 31-2  | 301.27   | 234.79  | 248.37   | 261.48     | 13.43   | ppb   |
| Potassium  | 39-2  | 556.49   | 552.64  | 618.37   | 575.83     | 6.41    | ppb   |
| Rhodium    | 103-1 |          |         |          |            |         | %     |
| Rhodium    | 103-2 |          |         |          |            |         | %     |
| Scandium   | 45-1  |          |         |          |            |         | %     |
| Scandium   | 45-2  |          |         |          |            |         | %     |
| Selenium   | 77-2  | 0.00     | 0.00    | 0.00     | 0.00       | N/A     | ppb   |
| Selenium   | 78-2  | -0.27    | 0.01    | -0.13    | -0.13      |         | ppb   |
| Selenium   | 82-1  | 1.65     | 0.52    | 0.40     | 0.86       | 80.81   | ppb   |
| Silicon    | 28-1  | 980.68   | 996.66  | 971.33   | 982.89     | 1.30    | ppb   |
| Silver     | 109-1 | 0.02     | 0.02    | 0.02     | 0.02       | 10.41   | ppb   |
| Silver     | 107-1 | 0.02     | 0.02    | 0.03     | 0.02       | 30.43   | ppb   |
| Sodium     | 23-2  | 10027.08 | 9916.71 | 11001.86 | 10315.22   | 5.79    | ppb   |
| Strontium  | 86-1  | 17.82    | 18.09   | 18.03    | 17.98      | 0.78    | ppb   |
| Strontium  | 88-1  | 17.80    | 18.31   | 18.19    | 18.10      | 1.48    | ppb   |
| Sulfur     | 34-1  | 2451.13  | 2885.35 | 2535.07  | 2623.85    | 8.78    | ppb   |
| Terbium    | 159-1 |          |         |          |            |         | %     |
| Terbium    | 159-2 |          |         |          |            |         | %     |
| Thallium   | 203-1 | -0.04    | -0.04   | -0.03    | -0.03      |         | ppb   |
| Thallium   | 205-1 | -0.03    | -0.03   | -0.03    | -0.03      |         | ppb   |
| Tin        | 118-1 | 0.05     | 0.01    | 0.01     | 0.02       | 99.85   | ppb   |
| Titanium   | 47-1  | 0.28     | 0.32    | 0.13     | 0.24       | 41.81   | ppb   |
| Uranium    | 238-1 | -0.06    | -0.06   | -0.07    | -0.06      |         | ppb   |
| Vanadium   | 51-2  | 0.03     | 0.03    | 0.02     | 0.02       | 28.77   | ppb   |
| Yttrium    | 89-1  |          |         |          |            |         | %     |
| Yttrium    | 89-2  |          |         |          |            |         | %     |
| Zinc       | 66-2  | 475.45   | 482.00  | 531.84   | 496.43     | 6.21    | ppb   |
| Zirconium  | 90-1  | 0.02     | 0.02    | 0.03     | 0.02       | 43.84   | ppb   |

|                         |                      |                   |                     |
|-------------------------|----------------------|-------------------|---------------------|
| LB Number :             | LB88853              | Operator :        | Jaswal              |
| Lab Sample ID :         | I4279-15             | Instrumnet Name : | P7                  |
| Client Sample ID :      | DC3126-54-FL3-BRM-W; | Dilution Factor : | 1                   |
| Date & Time Acquired :: | 2017-07-19 23:52:51  | DataFile Name :   | 182SMPL_P7071917 -M |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|-----------|------|---------|---------|---------|------------|---------|-------|
| Zirconium | 91-1 | 0.02    | 0.02    | 0.03    | 0.02       | 37.17   | ppb   |

LB Number : LB88853 Operator : Jaswal  
 Lab Sample ID : I4279-16 Instrumnet Name : P7  
 Client Sample ID : DC3126-55-FL3-BRM-W/ Dilution Factor : 1  
 Date & Time Acquired :: 2017-07-19 23:56:23 DataFile Name : 183SMPL\_P7071917 -M8

| Parameter  | Mass  | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|------------|-------|---------|---------|---------|------------|---------|-------|
| Aluminium  | 27-2  | 4.43    | 6.18    | 5.86    | 5.49       | 17.02   | ppb   |
| Antimony   | 121-1 | 0.09    | 0.09    | 0.08    | 0.09       | 6.07    | ppb   |
| Arsenic    | 75-2  | 0.23    | 0.18    | 0.14    | 0.18       | 24.99   | ppb   |
| Barium     | 135-1 | 14.91   | 14.72   | 15.18   | 14.94      | 1.55    | ppb   |
| Barium     | 137-1 | 14.83   | 15.69   | 14.76   | 15.09      | 3.43    | ppb   |
| Beryllium  | 9-1   | -0.10   | -0.05   | -0.06   | -0.07      |         | ppb   |
| Bismuth    | 209-1 |         |         |         |            |         | %     |
| Bismuth    | 209-2 |         |         |         |            |         | %     |
| Boron      | 10-1  | 6.19    | 7.49    | 4.77    | 6.15       | 22.18   | ppb   |
| Boron      | 11-1  | 6.03    | 5.33    | 6.39    | 5.92       | 9.05    | ppb   |
| Cadmium    | 111-1 | -0.31   | -0.26   | -0.37   | -0.31      |         | ppb   |
| Cadmium    | 106-1 | -4.23   | -3.91   | -5.64   | -4.59      |         | ppb   |
| Cadmium    | 108-1 | 0.12    | -0.03   | 0.13    | 0.07       | 126.32  | ppb   |
| Calcium    | 43-1  | 5229.59 | 5184.05 | 5197.24 | 5203.63    | 0.45    | ppb   |
| Calcium    | 44-1  | 5152.04 | 5233.50 | 5129.47 | 5171.67    | 1.06    | ppb   |
| Chromium   | 52-2  | -0.02   | -0.04   | -0.01   | -0.03      |         | ppb   |
| Cobalt     | 59-2  | 0.07    | 0.09    | 0.10    | 0.09       | 15.12   | ppb   |
| Copper     | 63-2  | 502.49  | 488.50  | 490.22  | 493.74     | 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  | 15.73   | 14.42   | 14.33   | 14.83      | 5.28    | ppb   |
| Iron       | 57-2  | 20.84   | 17.82   | 20.41   | 19.69      | 8.31    | ppb   |
| Lead       | 206-1 | 0.55    | 0.59    | 0.57    | 0.57       | 3.46    | ppb   |
| Lead       | 207-1 | 0.50    | 0.45    | 0.54    | 0.50       | 8.66    | ppb   |
| Lead       | 208-1 | 0.53    | 0.54    | 0.51    | 0.53       | 2.50    | ppb   |
| Lithium    | 6-1   |         |         |         |            |         | %     |
| Magnesium  | 24-2  | 1272.04 | 1234.51 | 1262.28 | 1256.27    | 1.55    | ppb   |
| Manganese  | 55-2  | 4.34    | 4.44    | 4.37    | 4.38       | 1.21    | ppb   |

LB Number : LB88853 Operator : Jaswal  
 Lab Sample ID : I4279-16 Instrumnet Name : P7  
 Client Sample ID : DC3126-55-FL3-BRM-W/ Dilution Factor : 1  
 Date & Time Acquired :: 2017-07-19 23:56:23 DataFile Name : 183SMPL\_P7071917 -M

| Parameter  | Mass  | ConRep1  | ConRep2  | ConRep3  | Avg. Conc. | ConcRSD | Units |
|------------|-------|----------|----------|----------|------------|---------|-------|
| Molybdenum | 94-1  | 0.01     | 0.02     | 0.02     | 0.02       | 32.75   | ppb   |
| Molybdenum | 95-1  | -0.03    | 0.01     | -0.02    | -0.01      |         | ppb   |
| Molybdenum | 96-1  | -0.01    | 0.00     | -0.01    | -0.01      |         | ppb   |
| Molybdenum | 97-1  | 0.01     | 0.04     | 0.01     | 0.02       | 80.29   | ppb   |
| Molybdenum | 98-1  | 0.00     | 0.02     | -0.01    | 0.00       | 267.32  | ppb   |
| Neodymium  | 150-1 |          |          |          |            |         | cps   |
| Neodymium  | 150-2 |          |          |          |            |         | cps   |
| Nickel     | 60-2  | 2.46     | 2.70     | 2.95     | 2.70       | 9.09    | ppb   |
| Phosphorus | 31-2  | 360.23   | 359.58   | 491.05   | 403.62     | 18.76   | ppb   |
| Potassium  | 39-2  | 563.44   | 538.14   | 549.16   | 550.24     | 2.31    | ppb   |
| Rhodium    | 103-1 |          |          |          |            |         | %     |
| Rhodium    | 103-2 |          |          |          |            |         | %     |
| Scandium   | 45-1  |          |          |          |            |         | %     |
| Scandium   | 45-2  |          |          |          |            |         | %     |
| Selenium   | 77-2  | 0.00     | 0.00     | 0.97     | 0.32       | 173.21  | ppb   |
| Selenium   | 78-2  | -0.69    | 0.86     | 0.90     | 0.36       | 255.08  | ppb   |
| Selenium   | 82-1  | -0.15    | 1.36     | -0.08    | 0.38       | 226.01  | ppb   |
| Silicon    | 28-1  | 1011.34  | 1028.04  | 1007.50  | 1015.63    | 1.08    | ppb   |
| Silver     | 109-1 | 0.02     | 0.02     | 0.03     | 0.03       | 21.90   | ppb   |
| Silver     | 107-1 | 0.03     | 0.05     | 0.02     | 0.03       | 39.48   | ppb   |
| Sodium     | 23-2  | 10409.78 | 10053.65 | 10110.00 | 10191.14   | 1.88    | ppb   |
| Strontium  | 86-1  | 18.11    | 18.02    | 18.38    | 18.17      | 1.03    | ppb   |
| Strontium  | 88-1  | 18.32    | 18.40    | 18.26    | 18.33      | 0.39    | ppb   |
| Sulfur     | 34-1  | 3077.65  | 3354.25  | 3028.12  | 3153.34    | 5.57    | ppb   |
| Terbium    | 159-1 |          |          |          |            |         | %     |
| Terbium    | 159-2 |          |          |          |            |         | %     |
| Thallium   | 203-1 | -0.04    | -0.03    | -0.04    | -0.04      |         | ppb   |
| Thallium   | 205-1 | -0.03    | -0.03    | -0.03    | -0.03      |         | ppb   |
| Tin        | 118-1 | -0.07    | -0.10    | -0.07    | -0.08      |         | ppb   |
| Titanium   | 47-1  | 0.20     | 0.28     | 0.26     | 0.25       | 16.70   | ppb   |
| Uranium    | 238-1 | -0.06    | -0.06    | -0.06    | -0.06      |         | ppb   |
| Vanadium   | 51-2  | 0.03     | 0.02     | 0.04     | 0.03       | 23.62   | ppb   |
| Yttrium    | 89-1  |          |          |          |            |         | %     |
| Yttrium    | 89-2  |          |          |          |            |         | %     |
| Zinc       | 66-2  | 192.95   | 183.92   | 189.98   | 188.95     | 2.44    | ppb   |
| Zirconium  | 90-1  | 0.01     | 0.01     | 0.02     | 0.01       | 53.61   | ppb   |

|                         |                      |                   |                     |
|-------------------------|----------------------|-------------------|---------------------|
| LB Number :             | LB88853              | Operator :        | Jaswal              |
| Lab Sample ID :         | I4279-16             | Instrumnet Name : | P7                  |
| Client Sample ID :      | DC3126-55-FL3-BRM-W; | Dilution Factor : | 1                   |
| Date & Time Acquired :: | 2017-07-19 23:56:23  | DataFile Name :   | 183SMPL_P7071917 -M |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|-----------|------|---------|---------|---------|------------|---------|-------|
| Zirconium | 91-1 | 0.03    | 0.00    | 0.04    | 0.02       | 98.15   | ppb   |

LB Number : LB88853 Operator : Jaswal  
 Lab Sample ID : I4279-17 Instrumnet Name : P7  
 Client Sample ID : DC3126-56-FL3-BRM-W Dilution Factor : 1  
 Date & Time Acquired :: 2017-07-19 23:59:55 DataFile Name : 184SMPL\_P7071917 -M

| Parameter  | Mass  | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|------------|-------|---------|---------|---------|------------|---------|-------|
| Aluminium  | 27-2  | 3.69    | 2.39    | 3.90    | 3.33       | 24.59   | ppb   |
| Antimony   | 121-1 | 0.23    | 0.25    | 0.22    | 0.23       | 5.44    | ppb   |
| Arsenic    | 75-2  | 0.10    | 0.14    | 0.09    | 0.11       | 22.99   | ppb   |
| Barium     | 135-1 | 17.10   | 16.93   | 17.22   | 17.08      | 0.83    | ppb   |
| Barium     | 137-1 | 17.64   | 16.70   | 17.48   | 17.28      | 2.91    | ppb   |
| Beryllium  | 9-1   | -0.06   | -0.10   | -0.09   | -0.08      |         | ppb   |
| Bismuth    | 209-1 |         |         |         |            |         | %     |
| Bismuth    | 209-2 |         |         |         |            |         | %     |
| Boron      | 10-1  | 5.57    | 5.27    | 6.63    | 5.82       | 12.25   | ppb   |
| Boron      | 11-1  | 4.09    | 4.19    | 4.57    | 4.28       | 5.88    | ppb   |
| Cadmium    | 111-1 | -0.20   | -0.22   | -0.27   | -0.23      |         | ppb   |
| Cadmium    | 106-1 | -3.21   | -3.19   | -4.36   | -3.58      |         | ppb   |
| Cadmium    | 108-1 | 0.39    | 0.31    | 0.32    | 0.34       | 12.12   | ppb   |
| Calcium    | 43-1  | 6172.53 | 6323.93 | 6272.79 | 6256.41    | 1.23    | ppb   |
| Calcium    | 44-1  | 6259.62 | 6287.81 | 6307.87 | 6285.10    | 0.39    | ppb   |
| Chromium   | 52-2  | -0.04   | -0.04   | -0.01   | -0.03      |         | ppb   |
| Cobalt     | 59-2  | 0.00    | 0.00    | 0.03    | 0.01       | 166.81  | ppb   |
| Copper     | 63-2  | 737.93  | 727.12  | 732.69  | 732.58     | 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  | 8.49    | 8.30    | 7.73    | 8.17       | 4.87    | ppb   |
| Iron       | 57-2  | 15.71   | 13.42   | 17.21   | 15.45      | 12.35   | ppb   |
| Lead       | 206-1 | 3.11    | 3.19    | 3.12    | 3.14       | 1.37    | ppb   |
| Lead       | 207-1 | 2.90    | 2.78    | 2.90    | 2.86       | 2.36    | ppb   |
| Lead       | 208-1 | 3.00    | 2.93    | 3.00    | 2.98       | 1.28    | ppb   |
| Lithium    | 6-1   |         |         |         |            |         | %     |
| Magnesium  | 24-2  | 1361.44 | 1330.60 | 1350.70 | 1347.58    | 1.16    | ppb   |
| Manganese  | 55-2  | 23.72   | 23.54   | 23.39   | 23.55      | 0.70    | ppb   |



LB Number : LB88853 Operator : Jaswal  
 Lab Sample ID : I4279-17 Instrumnet Name : P7  
 Client Sample ID : DC3126-56-FL3-BRM-W Dilution Factor : 1  
 Date & Time Acquired :: 2017-07-19 23:59:55 DataFile Name : 184SMPL\_P7071917 -M

| Parameter  | Mass  | ConRep1  | ConRep2  | ConRep3  | Avg. Conc. | ConcRSD | Units |
|------------|-------|----------|----------|----------|------------|---------|-------|
| Molybdenum | 94-1  | 0.01     | 0.01     | 0.02     | 0.02       | 33.79   | ppb   |
| Molybdenum | 95-1  | -0.02    | -0.01    | -0.01    | -0.01      |         | ppb   |
| Molybdenum | 96-1  | 0.02     | 0.00     | 0.02     | 0.01       | 62.16   | ppb   |
| Molybdenum | 97-1  | 0.00     | 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  | 24.62    | 24.60    | 25.26    | 24.83      | 1.53    | ppb   |
| Phosphorus | 31-2  | 171.82   | 106.76   | 147.06   | 141.88     | 23.14   | ppb   |
| Potassium  | 39-2  | 547.59   | 544.64   | 563.23   | 551.82     | 1.81    | ppb   |
| Rhodium    | 103-1 |          |          |          |            |         | %     |
| Rhodium    | 103-2 |          |          |          |            |         | %     |
| Scandium   | 45-1  |          |          |          |            |         | %     |
| Scandium   | 45-2  |          |          |          |            |         | %     |
| Selenium   | 77-2  | 0.00     | 0.00     | 0.00     | 0.00       | N/A     | ppb   |
| Selenium   | 78-2  | 1.05     | -1.48    | -1.72    | -0.72      |         | ppb   |
| Selenium   | 82-1  | 0.48     | 0.25     | 1.20     | 0.64       | 77.07   | ppb   |
| Silicon    | 28-1  | 1066.69  | 1073.05  | 1074.62  | 1071.45    | 0.39    | ppb   |
| Silver     | 109-1 | 0.01     | 0.02     | 0.02     | 0.02       | 21.42   | ppb   |
| Silver     | 107-1 | 0.02     | 0.01     | 0.01     | 0.01       | 21.17   | ppb   |
| Sodium     | 23-2  | 10726.58 | 10568.80 | 10659.95 | 10651.78   | 0.74    | ppb   |
| Strontium  | 86-1  | 22.45    | 22.90    | 22.37    | 22.58      | 1.26    | ppb   |
| Strontium  | 88-1  | 22.86    | 22.79    | 22.84    | 22.83      | 0.15    | ppb   |
| Sulfur     | 34-1  | 2868.51  | 2925.30  | 3031.81  | 2941.87    | 2.82    | ppb   |
| Terbium    | 159-1 |          |          |          |            |         | %     |
| Terbium    | 159-2 |          |          |          |            |         | %     |
| Thallium   | 203-1 | -0.03    | -0.04    | -0.04    | -0.03      |         | ppb   |
| Thallium   | 205-1 | -0.02    | -0.02    | -0.02    | -0.02      |         | ppb   |
| Tin        | 118-1 | 0.07     | 0.06     | 0.09     | 0.07       | 15.33   | ppb   |
| Titanium   | 47-1  | 0.14     | 0.10     | 0.21     | 0.15       | 36.23   | ppb   |
| Uranium    | 238-1 | -0.06    | -0.07    | -0.06    | -0.06      |         | ppb   |
| Vanadium   | 51-2  | 0.05     | 0.00     | 0.01     | 0.02       | 125.42  | ppb   |
| Yttrium    | 89-1  |          |          |          |            |         | %     |
| Yttrium    | 89-2  |          |          |          |            |         | %     |
| Zinc       | 66-2  | 1231.16  | 1226.10  | 1233.65  | 1230.31    | 0.31    | ppb   |
| Zirconium  | 90-1  | 0.02     | 0.00     | 0.02     | 0.01       | 66.00   | ppb   |

|                         |                     |                   |                     |
|-------------------------|---------------------|-------------------|---------------------|
| LB Number :             | LB88853             | Operator :        | Jaswal              |
| Lab Sample ID :         | I4279-17            | Instrumnet Name : | P7                  |
| Client Sample ID :      | DC3126-56-FL3-BRM-W | Dilution Factor : | 1                   |
| Date & Time Acquired :: | 2017-07-19 23:59:55 | DataFile Name :   | 184SMPL_P7071917 -M |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|-----------|------|---------|---------|---------|------------|---------|-------|
| Zirconium | 91-1 | 0.02    | 0.02    | 0.01    | 0.02       | 31.46   | ppb   |

LB Number : LB88853 Operator : Jaswal  
 Lab Sample ID : I4279-18 Instrumnet Name : P7  
 Client Sample ID : DC3126-57-FL3-BRM-W Dilution Factor : 1  
 Date & Time Acquired :: 2017-07-20 00:03:28 DataFile Name : 185SMPL\_P7071917 -M

| Parameter  | Mass  | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|------------|-------|---------|---------|---------|------------|---------|-------|
| Aluminium  | 27-2  | 6.07    | 3.61    | 4.04    | 4.57       | 28.76   | ppb   |
| Antimony   | 121-1 | 0.17    | 0.17    | 0.18    | 0.17       | 2.97    | ppb   |
| Arsenic    | 75-2  | 0.17    | 0.12    | 0.08    | 0.12       | 37.30   | ppb   |
| Barium     | 135-1 | 16.19   | 16.46   | 16.78   | 16.47      | 1.80    | ppb   |
| Barium     | 137-1 | 16.88   | 17.03   | 16.80   | 16.91      | 0.70    | ppb   |
| Beryllium  | 9-1   | -0.11   | -0.13   | -0.10   | -0.11      |         | ppb   |
| Bismuth    | 209-1 |         |         |         |            |         | %     |
| Bismuth    | 209-2 |         |         |         |            |         | %     |
| Boron      | 10-1  | 3.39    | 4.14    | 4.08    | 3.87       | 10.73   | ppb   |
| Boron      | 11-1  | 3.60    | 3.32    | 4.69    | 3.87       | 18.72   | ppb   |
| Cadmium    | 111-1 | -0.35   | -0.31   | -0.28   | -0.31      |         | ppb   |
| Cadmium    | 106-1 | -4.95   | -4.27   | -3.87   | -4.36      |         | ppb   |
| Cadmium    | 108-1 | 0.23    | 0.08    | 0.12    | 0.15       | 54.07   | ppb   |
| Calcium    | 43-1  | 6048.07 | 6055.29 | 6205.12 | 6102.83    | 1.45    | ppb   |
| Calcium    | 44-1  | 6049.07 | 6069.20 | 6229.27 | 6115.84    | 1.61    | ppb   |
| Chromium   | 52-2  | 0.03    | -0.02   | -0.01   | 0.00       | 1566.96 | ppb   |
| Cobalt     | 59-2  | -0.03   | -0.02   | -0.03   | -0.03      |         | ppb   |
| Copper     | 63-2  | 553.49  | 547.85  | 544.86  | 548.73     | 0.80    | ppb   |
| Dysprosium | 156-1 |         |         |         |            |         | cps   |
| Dysprosium | 156-2 |         |         |         |            |         | cps   |
| Erbium     | 164-1 |         |         |         |            |         | cps   |
| Erbium     | 164-2 |         |         |         |            |         | cps   |
| Gadolinium | 160-1 |         |         |         |            |         | cps   |
| Gadolinium | 160-2 |         |         |         |            |         | cps   |
| Holmium    | 165-1 |         |         |         |            |         | %     |
| Holmium    | 165-2 |         |         |         |            |         | %     |
| Indium     | 115-1 |         |         |         |            |         | %     |
| Indium     | 115-2 |         |         |         |            |         | %     |
| Iron       | 56-2  | 12.32   | 10.18   | 11.08   | 11.19      | 9.60    | ppb   |
| Iron       | 57-2  | 21.51   | 19.44   | 14.87   | 18.61      | 18.26   | ppb   |
| Lead       | 206-1 | 1.34    | 1.38    | 1.37    | 1.36       | 1.46    | ppb   |
| Lead       | 207-1 | 1.28    | 1.21    | 1.32    | 1.27       | 4.07    | ppb   |
| Lead       | 208-1 | 1.31    | 1.29    | 1.37    | 1.32       | 3.12    | ppb   |
| Lithium    | 6-1   |         |         |         |            |         | %     |
| Magnesium  | 24-2  | 1340.49 | 1294.74 | 1288.24 | 1307.82    | 2.18    | ppb   |
| Manganese  | 55-2  | 21.88   | 21.63   | 21.22   | 21.57      | 1.55    | ppb   |

LB Number : LB88853 Operator : Jaswal  
 Lab Sample ID : I4279-18 Instrumnet Name : P7  
 Client Sample ID : DC3126-57-FL3-BRM-W Dilution Factor : 1  
 Date & Time Acquired :: 2017-07-20 00:03:28 DataFile Name : 185SMPL\_P7071917 -M

| Parameter  | Mass  | ConRep1  | ConRep2  | ConRep3  | Avg. Conc. | ConcRSD | Units |
|------------|-------|----------|----------|----------|------------|---------|-------|
| Molybdenum | 94-1  | 0.03     | 0.02     | 0.01     | 0.02       | 59.24   | ppb   |
| Molybdenum | 95-1  | -0.02    | -0.01    | -0.01    | -0.02      |         | ppb   |
| Molybdenum | 96-1  | 0.01     | 0.00     | 0.00     | 0.00       | 294.09  | ppb   |
| Molybdenum | 97-1  | 0.01     | 0.01     | 0.01     | 0.01       | 42.10   | ppb   |
| Molybdenum | 98-1  | -0.01    | 0.01     | 0.02     | 0.01       | 184.36  | ppb   |
| Neodymium  | 150-1 |          |          |          |            |         | cps   |
| Neodymium  | 150-2 |          |          |          |            |         | cps   |
| Nickel     | 60-2  | 15.13    | 14.67    | 14.54    | 14.78      | 2.11    | ppb   |
| Phosphorus | 31-2  | 296.91   | 282.26   | 310.32   | 296.50     | 4.73    | ppb   |
| Potassium  | 39-2  | 561.42   | 562.17   | 586.49   | 570.03     | 2.50    | ppb   |
| Rhodium    | 103-1 |          |          |          |            |         | %     |
| Rhodium    | 103-2 |          |          |          |            |         | %     |
| Scandium   | 45-1  |          |          |          |            |         | %     |
| Scandium   | 45-2  |          |          |          |            |         | %     |
| Selenium   | 77-2  | 0.00     | 0.00     | 0.00     | 0.00       | N/A     | ppb   |
| Selenium   | 78-2  | -0.87    | -0.89    | 1.35     | -0.14      |         | ppb   |
| Selenium   | 82-1  | 0.62     | -0.01    | 0.88     | 0.50       | 91.46   | ppb   |
| Silicon    | 28-1  | 1056.87  | 1065.31  | 1090.82  | 1071.00    | 1.65    | ppb   |
| Silver     | 109-1 | 0.01     | 0.03     | 0.01     | 0.02       | 46.71   | ppb   |
| Silver     | 107-1 | 0.02     | 0.02     | 0.02     | 0.02       | 6.10    | ppb   |
| Sodium     | 23-2  | 10686.89 | 10409.47 | 10468.29 | 10521.55   | 1.39    | ppb   |
| Strontium  | 86-1  | 22.08    | 21.96    | 22.09    | 22.04      | 0.34    | ppb   |
| Strontium  | 88-1  | 22.05    | 22.52    | 22.45    | 22.34      | 1.12    | ppb   |
| Sulfur     | 34-1  | 2653.88  | 2864.88  | 3088.11  | 2868.96    | 7.57    | ppb   |
| Terbium    | 159-1 |          |          |          |            |         | %     |
| Terbium    | 159-2 |          |          |          |            |         | %     |
| Thallium   | 203-1 | -0.03    | -0.03    | -0.04    | -0.03      |         | ppb   |
| Thallium   | 205-1 | -0.03    | -0.03    | -0.03    | -0.03      |         | ppb   |
| Tin        | 118-1 | 0.04     | 0.06     | 0.02     | 0.04       | 49.79   | ppb   |
| Titanium   | 47-1  | 0.30     | 0.18     | 0.19     | 0.22       | 28.50   | ppb   |
| Uranium    | 238-1 | -0.06    | -0.07    | -0.06    | -0.06      |         | ppb   |
| Vanadium   | 51-2  | 0.05     | 0.03     | 0.03     | 0.04       | 22.09   | ppb   |
| Yttrium    | 89-1  |          |          |          |            |         | %     |
| Yttrium    | 89-2  |          |          |          |            |         | %     |
| Zinc       | 66-2  | 763.37   | 755.71   | 750.04   | 756.37     | 0.88    | ppb   |
| Zirconium  | 90-1  | 0.02     | 0.01     | 0.01     | 0.02       | 34.06   | ppb   |

|                         |                     |                   |                     |
|-------------------------|---------------------|-------------------|---------------------|
| LB Number :             | LB88853             | Operator :        | Jaswal              |
| Lab Sample ID :         | I4279-18            | Instrumnet Name : | P7                  |
| Client Sample ID :      | DC3126-57-FL3-BRM-W | Dilution Factor : | 1                   |
| Date & Time Acquired :: | 2017-07-20 00:03:28 | DataFile Name :   | 185SMPL_P7071917 -M |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|-----------|------|---------|---------|---------|------------|---------|-------|
| Zirconium | 91-1 | 0.05    | 0.03    | 0.04    | 0.04       | 31.35   | ppb   |

LB Number : LB88853 Operator : Jaswal  
 Lab Sample ID : I4279-19 Instrumnet Name : P7  
 Client Sample ID : DC3126-58-FL5-BR534-1 Dilution Factor : 1  
 Date & Time Acquired :: 2017-07-20 00:07:00 DataFile Name : 186SMPL\_P7071917 -M

| Parameter  | Mass  | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|------------|-------|---------|---------|---------|------------|---------|-------|
| Aluminium  | 27-2  | 24.26   | 25.43   | 23.38   | 24.36      | 4.23    | ppb   |
| Antimony   | 121-1 | 0.06    | 0.06    | 0.04    | 0.05       | 16.02   | ppb   |
| Arsenic    | 75-2  | 0.21    | 0.29    | 0.38    | 0.29       | 30.21   | ppb   |
| Barium     | 135-1 | 16.63   | 18.07   | 17.74   | 17.48      | 4.32    | ppb   |
| Barium     | 137-1 | 16.78   | 17.42   | 17.91   | 17.37      | 3.28    | ppb   |
| Beryllium  | 9-1   | -0.07   | -0.13   | -0.10   | -0.10      |         | ppb   |
| Bismuth    | 209-1 |         |         |         |            |         | %     |
| Bismuth    | 209-2 |         |         |         |            |         | %     |
| Boron      | 10-1  | 2.92    | 4.27    | 5.87    | 4.35       | 33.84   | ppb   |
| Boron      | 11-1  | 4.19    | 4.06    | 4.68    | 4.31       | 7.60    | ppb   |
| Cadmium    | 111-1 | -0.19   | -0.33   | -0.42   | -0.31      |         | ppb   |
| Cadmium    | 106-1 | -2.43   | -4.15   | -5.48   | -4.02      |         | ppb   |
| Cadmium    | 108-1 | -0.08   | -0.04   | -0.07   | -0.06      |         | ppb   |
| Calcium    | 43-1  | 4885.40 | 5108.45 | 5417.43 | 5137.09    | 5.20    | ppb   |
| Calcium    | 44-1  | 4871.37 | 5223.56 | 5348.68 | 5147.87    | 4.81    | ppb   |
| Chromium   | 52-2  | 0.04    | 0.02    | 0.09    | 0.05       | 81.43   | ppb   |
| Cobalt     | 59-2  | 0.01    | 0.01    | 0.05    | 0.02       | 90.80   | ppb   |
| Copper     | 63-2  | 248.10  | 246.84  | 256.04  | 250.33     | 1.99    | ppb   |
| Dysprosium | 156-1 |         |         |         |            |         | cps   |
| Dysprosium | 156-2 |         |         |         |            |         | cps   |
| Erbium     | 164-1 |         |         |         |            |         | cps   |
| Erbium     | 164-2 |         |         |         |            |         | cps   |
| Gadolinium | 160-1 |         |         |         |            |         | cps   |
| Gadolinium | 160-2 |         |         |         |            |         | cps   |
| Holmium    | 165-1 |         |         |         |            |         | %     |
| Holmium    | 165-2 |         |         |         |            |         | %     |
| Indium     | 115-1 |         |         |         |            |         | %     |
| Indium     | 115-2 |         |         |         |            |         | %     |
| Iron       | 56-2  | 80.11   | 79.79   | 80.32   | 80.07      | 0.33    | ppb   |
| Iron       | 57-2  | 101.09  | 83.99   | 87.64   | 90.91      | 9.91    | ppb   |
| Lead       | 206-1 | 2.18    | 2.40    | 2.50    | 2.36       | 6.94    | ppb   |
| Lead       | 207-1 | 1.93    | 2.22    | 2.19    | 2.11       | 7.41    | ppb   |
| Lead       | 208-1 | 2.09    | 2.30    | 2.38    | 2.26       | 6.56    | ppb   |
| Lithium    | 6-1   |         |         |         |            |         | %     |
| Magnesium  | 24-2  | 1151.71 | 1113.71 | 1194.31 | 1153.24    | 3.50    | ppb   |
| Manganese  | 55-2  | 15.67   | 15.86   | 16.05   | 15.86      | 1.20    | ppb   |

|                         |                       |                   |                      |
|-------------------------|-----------------------|-------------------|----------------------|
| LB Number :             | LB88853               | Operator :        | Jaswal               |
| Lab Sample ID :         | I4279-19              | Instrumnet Name : | P7                   |
| Client Sample ID :      | DC3126-58-FL5-BR534-1 | Dilution Factor : | 1                    |
| Date & Time Acquired :: | 2017-07-20 00:07:00   | DataFile Name :   | 186SMPL_P7071917 -M1 |

| Parameter  | Mass  | ConRep1 | ConRep2 | ConRep3  | Avg. Conc. | ConcRSD | Units |
|------------|-------|---------|---------|----------|------------|---------|-------|
| Molybdenum | 94-1  | 0.02    | 0.03    | 0.02     | 0.02       | 30.46   | ppb   |
| Molybdenum | 95-1  | -0.04   | -0.02   | -0.02    | -0.03      |         | ppb   |
| Molybdenum | 96-1  | -0.01   | 0.00    | 0.01     | 0.00       | 9722.35 | ppb   |
| Molybdenum | 97-1  | -0.02   | -0.01   | 0.03     | 0.00       |         | ppb   |
| Molybdenum | 98-1  | 0.00    | -0.01   | -0.02    | -0.01      |         | ppb   |
| Neodymium  | 150-1 |         |         |          |            |         | cps   |
| Neodymium  | 150-2 |         |         |          |            |         | cps   |
| Nickel     | 60-2  | 0.93    | 1.02    | 1.00     | 0.98       | 4.64    | ppb   |
| Phosphorus | 31-2  | 541.25  | 739.65  | 639.12   | 640.01     | 15.50   | ppb   |
| Potassium  | 39-2  | 516.65  | 517.29  | 538.20   | 524.05     | 2.34    | ppb   |
| Rhodium    | 103-1 |         |         |          |            |         | %     |
| Rhodium    | 103-2 |         |         |          |            |         | %     |
| Scandium   | 45-1  |         |         |          |            |         | %     |
| Scandium   | 45-2  |         |         |          |            |         | %     |
| Selenium   | 77-2  | 0.00    | 0.00    | 0.00     | 0.00       | N/A     | ppb   |
| Selenium   | 78-2  | 0.73    | -0.41   | -0.81    | -0.16      |         | ppb   |
| Selenium   | 82-1  | 1.09    | 0.85    | 0.23     | 0.72       | 61.31   | ppb   |
| Silicon    | 28-1  | 894.88  | 937.78  | 974.82   | 935.83     | 4.27    | ppb   |
| Silver     | 109-1 | 0.04    | 0.04    | 0.03     | 0.04       | 16.78   | ppb   |
| Silver     | 107-1 | 0.04    | 0.05    | 0.03     | 0.04       | 21.05   | ppb   |
| Sodium     | 23-2  | 9956.13 | 9909.02 | 10273.47 | 10046.21   | 1.97    | ppb   |
| Strontium  | 86-1  | 17.90   | 18.66   | 18.84    | 18.47      | 2.70    | ppb   |
| Strontium  | 88-1  | 17.73   | 18.85   | 19.09    | 18.56      | 3.91    | ppb   |
| Sulfur     | 34-1  | 2002.00 | 2893.75 | 3238.89  | 2711.54    | 23.54   | ppb   |
| Terbium    | 159-1 |         |         |          |            |         | %     |
| Terbium    | 159-2 |         |         |          |            |         | %     |
| Thallium   | 203-1 | -0.04   | -0.04   | -0.04    | -0.04      |         | ppb   |
| Thallium   | 205-1 | -0.03   | -0.04   | -0.03    | -0.03      |         | ppb   |
| Tin        | 118-1 | 0.26    | 0.25    | 0.25     | 0.25       | 2.38    | ppb   |
| Titanium   | 47-1  | 0.62    | 0.48    | 0.53     | 0.54       | 12.79   | ppb   |
| Uranium    | 238-1 | -0.05   | -0.05   | -0.06    | -0.05      |         | ppb   |
| Vanadium   | 51-2  | 0.07    | 0.06    | 0.09     | 0.08       | 23.38   | ppb   |
| Yttrium    | 89-1  |         |         |          |            |         | %     |
| Yttrium    | 89-2  |         |         |          |            |         | %     |
| Zinc       | 66-2  | 92.82   | 90.86   | 92.79    | 92.16      | 1.22    | ppb   |
| Zirconium  | 90-1  | 0.02    | 0.03    | 0.02     | 0.02       | 34.13   | ppb   |

|                         |                       |                   |                     |
|-------------------------|-----------------------|-------------------|---------------------|
| LB Number :             | LB88853               | Operator :        | Jaswal              |
| Lab Sample ID :         | I4279-19              | Instrumnet Name : | P7                  |
| Client Sample ID :      | DC3126-58-FL5-BR534-\ | Dilution Factor : | 1                   |
| Date & Time Acquired :: | 2017-07-20 00:07:00   | DataFile Name :   | 186SMPL_P7071917 -M |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|-----------|------|---------|---------|---------|------------|---------|-------|
| Zirconium | 91-1 | 0.06    | 0.02    | 0.04    | 0.04       | 47.95   | ppb   |



LB Number : LB88853 Operator : Jaswal  
 Lab Sample ID : I4279-20 Instrumnet Name : P7  
 Client Sample ID : DC3126-59-FL5-BR534-1 Dilution Factor : 1  
 Date & Time Acquired :: 2017-07-20 00:10:32 DataFile Name : 187SMPL\_P7071917 -M

| Parameter  | Mass  | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|------------|-------|---------|---------|---------|------------|---------|-------|
| Aluminium  | 27-2  | 13.76   | 17.40   | 14.58   | 15.25      | 12.52   | ppb   |
| Antimony   | 121-1 | 0.06    | 0.04    | 0.05    | 0.05       | 21.87   | ppb   |
| Arsenic    | 75-2  | 0.24    | 0.23    | 0.16    | 0.21       | 20.37   | ppb   |
| Barium     | 135-1 | 17.49   | 17.39   | 16.91   | 17.26      | 1.79    | ppb   |
| Barium     | 137-1 | 17.64   | 17.35   | 16.88   | 17.29      | 2.22    | ppb   |
| Beryllium  | 9-1   | -0.07   | -0.10   | -0.11   | -0.09      |         | ppb   |
| Bismuth    | 209-1 |         |         |         |            |         | %     |
| Bismuth    | 209-2 |         |         |         |            |         | %     |
| Boron      | 10-1  | 3.73    | 3.69    | 4.27    | 3.89       | 8.27    | ppb   |
| Boron      | 11-1  | 3.34    | 3.82    | 3.96    | 3.70       | 8.81    | ppb   |
| Cadmium    | 111-1 | -0.32   | -0.39   | -0.41   | -0.37      |         | ppb   |
| Cadmium    | 106-1 | -4.03   | -4.78   | -5.03   | -4.61      |         | ppb   |
| Cadmium    | 108-1 | -0.07   | 0.00    | -0.07   | -0.05      |         | ppb   |
| Calcium    | 43-1  | 5243.38 | 5203.86 | 5218.74 | 5221.99    | 0.38    | ppb   |
| Calcium    | 44-1  | 5399.76 | 5231.71 | 5232.72 | 5288.06    | 1.83    | ppb   |
| Chromium   | 52-2  | 0.01    | 0.02    | 0.06    | 0.03       | 105.26  | ppb   |
| Cobalt     | 59-2  | -0.06   | -0.04   | -0.06   | -0.05      |         | ppb   |
| Copper     | 63-2  | 115.12  | 114.53  | 114.04  | 114.56     | 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  | 32.62   | 32.38   | 31.44   | 32.15      | 1.94    | ppb   |
| Iron       | 57-2  | 38.00   | 38.64   | 39.45   | 38.70      | 1.87    | ppb   |
| Lead       | 206-1 | 0.48    | 0.45    | 0.46    | 0.46       | 3.14    | ppb   |
| Lead       | 207-1 | 0.47    | 0.45    | 0.49    | 0.47       | 4.17    | ppb   |
| Lead       | 208-1 | 0.47    | 0.46    | 0.46    | 0.46       | 0.86    | ppb   |
| Lithium    | 6-1   |         |         |         |            |         | %     |
| Magnesium  | 24-2  | 1126.66 | 1118.04 | 1146.02 | 1130.24    | 1.27    | ppb   |
| Manganese  | 55-2  | 13.14   | 13.16   | 13.07   | 13.12      | 0.34    | ppb   |

LB Number : LB88853 Operator : Jaswal  
 Lab Sample ID : I4279-20 Instrumnet Name : P7  
 Client Sample ID : DC3126-59-FL5-BR534-1 Dilution Factor : 1  
 Date & Time Acquired :: 2017-07-20 00:10:32 DataFile Name : 187SMPL\_P7071917 -M

| Parameter  | Mass  | ConRep1  | ConRep2  | ConRep3  | Avg. Conc. | ConcRSD | Units |
|------------|-------|----------|----------|----------|------------|---------|-------|
| Molybdenum | 94-1  | 0.04     | 0.02     | 0.00     | 0.02       | 104.12  | ppb   |
| Molybdenum | 95-1  | -0.01    | -0.04    | -0.04    | -0.03      |         | ppb   |
| Molybdenum | 96-1  | 0.00     | 0.01     | 0.00     | 0.00       | 197.34  | ppb   |
| Molybdenum | 97-1  | 0.04     | 0.02     | 0.00     | 0.02       | 100.70  | ppb   |
| Molybdenum | 98-1  | -0.02    | -0.02    | -0.02    | -0.02      |         | ppb   |
| Neodymium  | 150-1 |          |          |          |            |         | cps   |
| Neodymium  | 150-2 |          |          |          |            |         | cps   |
| Nickel     | 60-2  | -0.20    | -0.03    | -0.17    | -0.13      |         | ppb   |
| Phosphorus | 31-2  | 588.03   | 535.56   | 638.61   | 587.40     | 8.77    | ppb   |
| Potassium  | 39-2  | 537.16   | 530.41   | 520.02   | 529.19     | 1.63    | ppb   |
| Rhodium    | 103-1 |          |          |          |            |         | %     |
| Rhodium    | 103-2 |          |          |          |            |         | %     |
| Scandium   | 45-1  |          |          |          |            |         | %     |
| Scandium   | 45-2  |          |          |          |            |         | %     |
| Selenium   | 77-2  | 0.00     | 0.00     | 0.00     | 0.00       | N/A     | ppb   |
| Selenium   | 78-2  | 0.11     | -1.20    | -0.88    | -0.66      |         | ppb   |
| Selenium   | 82-1  | 0.26     | 0.45     | 0.46     | 0.39       | 28.26   | ppb   |
| Silicon    | 28-1  | 927.76   | 912.21   | 894.33   | 911.43     | 1.84    | ppb   |
| Silver     | 109-1 | 0.01     | 0.03     | 0.02     | 0.02       | 32.17   | ppb   |
| Silver     | 107-1 | 0.02     | 0.03     | 0.02     | 0.02       | 27.70   | ppb   |
| Sodium     | 23-2  | 10171.82 | 10235.92 | 10146.84 | 10184.86   | 0.45    | ppb   |
| Strontium  | 86-1  | 19.13    | 18.58    | 18.83    | 18.85      | 1.48    | ppb   |
| Strontium  | 88-1  | 19.08    | 18.97    | 18.79    | 18.95      | 0.77    | ppb   |
| Sulfur     | 34-1  | 3031.34  | 2937.94  | 2930.13  | 2966.47    | 1.90    | ppb   |
| Terbium    | 159-1 |          |          |          |            |         | %     |
| Terbium    | 159-2 |          |          |          |            |         | %     |
| Thallium   | 203-1 | -0.03    | -0.04    | -0.03    | -0.03      |         | ppb   |
| Thallium   | 205-1 | -0.03    | -0.03    | -0.03    | -0.03      |         | ppb   |
| Tin        | 118-1 | -0.09    | -0.09    | -0.07    | -0.08      |         | ppb   |
| Titanium   | 47-1  | 0.34     | 0.48     | 0.44     | 0.42       | 17.29   | ppb   |
| Uranium    | 238-1 | -0.06    | -0.06    | -0.06    | -0.06      |         | ppb   |
| Vanadium   | 51-2  | 0.03     | 0.06     | 0.04     | 0.05       | 38.71   | ppb   |
| Yttrium    | 89-1  |          |          |          |            |         | %     |
| Yttrium    | 89-2  |          |          |          |            |         | %     |
| Zinc       | 66-2  | 13.32    | 13.29    | 14.00    | 13.53      | 2.96    | ppb   |
| Zirconium  | 90-1  | 0.02     | 0.02     | 0.02     | 0.02       | 16.66   | ppb   |

|                         |                       |                   |                     |
|-------------------------|-----------------------|-------------------|---------------------|
| LB Number :             | LB88853               | Operator :        | Jaswal              |
| Lab Sample ID :         | I4279-20              | Instrumnet Name : | P7                  |
| Client Sample ID :      | DC3126-59-FL5-BR534-\ | Dilution Factor : | 1                   |
| Date & Time Acquired :: | 2017-07-20 00:10:32   | DataFile Name :   | 187SMPL_P7071917 -M |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|-----------|------|---------|---------|---------|------------|---------|-------|
| Zirconium | 91-1 | 0.02    | 0.00    | 0.02    | 0.02       | 65.28   | ppb   |

LB Number : LB88853 Operator : Jaswal  
 Lab Sample ID : I4279-21 Instrumnet Name : P7  
 Client Sample ID : DC3126-60-FL5-TL-W2-F Dilution Factor : 1  
 Date & Time Acquired :: 2017-07-20 00:14:05 DataFile Name : 188SMPL\_P7071917 -M

| Parameter  | Mass  | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|------------|-------|---------|---------|---------|------------|---------|-------|
| Aluminium  | 27-2  | 12.84   | 13.27   | 11.11   | 12.41      | 9.21    | ppb   |
| Antimony   | 121-1 | 0.28    | 0.27    | 0.27    | 0.27       | 2.74    | ppb   |
| Arsenic    | 75-2  | 0.15    | 0.23    | 0.20    | 0.20       | 20.50   | ppb   |
| Barium     | 135-1 | 16.35   | 15.56   | 15.71   | 15.87      | 2.64    | ppb   |
| Barium     | 137-1 | 16.16   | 16.08   | 15.75   | 16.00      | 1.35    | ppb   |
| Beryllium  | 9-1   | -0.08   | -0.11   | -0.10   | -0.10      |         | ppb   |
| Bismuth    | 209-1 |         |         |         |            |         | %     |
| Bismuth    | 209-2 |         |         |         |            |         | %     |
| Boron      | 10-1  | 3.85    | 5.85    | 5.63    | 5.11       | 21.41   | ppb   |
| Boron      | 11-1  | 5.09    | 5.07    | 6.17    | 5.44       | 11.59   | ppb   |
| Cadmium    | 111-1 | -0.25   | -0.21   | -0.25   | -0.24      |         | ppb   |
| Cadmium    | 106-1 | -3.97   | -3.23   | -4.07   | -3.76      |         | ppb   |
| Cadmium    | 108-1 | 0.56    | 0.40    | 0.52    | 0.49       | 16.59   | ppb   |
| Calcium    | 43-1  | 5870.75 | 5544.42 | 5622.06 | 5679.08    | 3.00    | ppb   |
| Calcium    | 44-1  | 5738.65 | 5626.70 | 5634.84 | 5666.73    | 1.10    | ppb   |
| Chromium   | 52-2  | 0.03    | 0.07    | 0.02    | 0.04       | 57.03   | ppb   |
| Cobalt     | 59-2  | 0.06    | 0.05    | 0.09    | 0.07       | 27.85   | ppb   |
| Copper     | 63-2  | 817.23  | 815.72  | 799.61  | 810.85     | 1.20    | 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  | 48.74   | 49.06   | 48.15   | 48.65      | 0.95    | ppb   |
| Iron       | 57-2  | 53.38   | 57.20   | 54.48   | 55.02      | 3.57    | ppb   |
| Lead       | 206-1 | 3.26    | 3.27    | 3.29    | 3.27       | 0.40    | ppb   |
| Lead       | 207-1 | 3.00    | 3.10    | 3.03    | 3.04       | 1.69    | ppb   |
| Lead       | 208-1 | 3.13    | 3.19    | 3.19    | 3.17       | 1.08    | ppb   |
| Lithium    | 6-1   |         |         |         |            |         | %     |
| Magnesium  | 24-2  | 1327.15 | 1342.66 | 1310.97 | 1326.93    | 1.19    | ppb   |
| Manganese  | 55-2  | 10.01   | 9.62    | 9.53    | 9.72       | 2.61    | ppb   |

LB Number : LB88853 Operator : Jaswal  
 Lab Sample ID : I4279-21 Instrumnet Name : P7  
 Client Sample ID : DC3126-60-FL5-TL-W2-F Dilution Factor : 1  
 Date & Time Acquired :: 2017-07-20 00:14:05 DataFile Name : 188SMPL\_P7071917 -M

| Parameter  | Mass  | ConRep1  | ConRep2  | ConRep3  | Avg. Conc. | ConcRSD | Units |
|------------|-------|----------|----------|----------|------------|---------|-------|
| Molybdenum | 94-1  | 0.02     | 0.01     | 0.04     | 0.02       | 71.29   | ppb   |
| Molybdenum | 95-1  | -0.03    | -0.02    | -0.01    | -0.02      |         | ppb   |
| Molybdenum | 96-1  | 0.02     | -0.01    | 0.02     | 0.01       | 132.74  | ppb   |
| Molybdenum | 97-1  | 0.02     | 0.00     | 0.00     | 0.00       | 300.45  | ppb   |
| Molybdenum | 98-1  | -0.02    | -0.01    | 0.00     | -0.01      |         | ppb   |
| Neodymium  | 150-1 |          |          |          |            |         | cps   |
| Neodymium  | 150-2 |          |          |          |            |         | cps   |
| Nickel     | 60-2  | 16.35    | 16.77    | 16.65    | 16.59      | 1.31    | ppb   |
| Phosphorus | 31-2  | 242.66   | 197.01   | 177.26   | 205.64     | 16.31   | ppb   |
| Potassium  | 39-2  | 588.43   | 596.61   | 589.34   | 591.46     | 0.76    | ppb   |
| Rhodium    | 103-1 |          |          |          |            |         | %     |
| Rhodium    | 103-2 |          |          |          |            |         | %     |
| Scandium   | 45-1  |          |          |          |            |         | %     |
| Scandium   | 45-2  |          |          |          |            |         | %     |
| Selenium   | 77-2  | 0.00     | 0.00     | 0.00     | 0.00       | N/A     | ppb   |
| Selenium   | 78-2  | 0.35     | 0.18     | -0.98    | -0.15      |         | ppb   |
| Selenium   | 82-1  | 0.50     | 1.86     | 0.63     | 1.00       | 75.26   | ppb   |
| Silicon    | 28-1  | 1009.54  | 995.80   | 993.39   | 999.58     | 0.87    | ppb   |
| Silver     | 109-1 | 0.07     | 0.06     | 0.07     | 0.07       | 3.66    | ppb   |
| Silver     | 107-1 | 0.06     | 0.08     | 0.06     | 0.06       | 15.95   | ppb   |
| Sodium     | 23-2  | 10780.17 | 10724.32 | 10565.35 | 10689.94   | 1.04    | ppb   |
| Strontium  | 86-1  | 20.14    | 19.86    | 20.29    | 20.10      | 1.09    | ppb   |
| Strontium  | 88-1  | 20.17    | 19.97    | 19.97    | 20.04      | 0.57    | ppb   |
| Sulfur     | 34-1  | 2890.90  | 2987.52  | 2868.80  | 2915.74    | 2.17    | ppb   |
| Terbium    | 159-1 |          |          |          |            |         | %     |
| Terbium    | 159-2 |          |          |          |            |         | %     |
| Thallium   | 203-1 | -0.03    | -0.03    | -0.03    | -0.03      |         | ppb   |
| Thallium   | 205-1 | -0.02    | -0.03    | -0.02    | -0.02      |         | ppb   |
| Tin        | 118-1 | 0.06     | 0.04     | 0.06     | 0.05       | 22.60   | ppb   |
| Titanium   | 47-1  | 0.19     | 0.31     | 0.16     | 0.22       | 36.21   | ppb   |
| Uranium    | 238-1 | -0.06    | -0.06    | -0.06    | -0.06      |         | ppb   |
| Vanadium   | 51-2  | 0.04     | 0.04     | 0.03     | 0.04       | 15.22   | ppb   |
| Yttrium    | 89-1  |          |          |          |            |         | %     |
| Yttrium    | 89-2  |          |          |          |            |         | %     |
| Zinc       | 66-2  | 1413.33  | 1410.54  | 1391.99  | 1405.28    | 0.83    | ppb   |
| Zirconium  | 90-1  | 0.02     | 0.01     | 0.01     | 0.01       | 23.41   | ppb   |

|                         |                       |                   |                     |
|-------------------------|-----------------------|-------------------|---------------------|
| LB Number :             | LB88853               | Operator :        | Jaswal              |
| Lab Sample ID :         | I4279-21              | Instrumnet Name : | P7                  |
| Client Sample ID :      | DC3126-60-FL5-TL-W2-F | Dilution Factor : | 1                   |
| Date & Time Acquired :: | 2017-07-20 00:14:05   | DataFile Name :   | 188SMPL_P7071917 -M |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|-----------|------|---------|---------|---------|------------|---------|-------|
| Zirconium | 91-1 | 0.01    | 0.03    | 0.03    | 0.02       | 48.15   | ppb   |

LB Number : LB88853 Operator : Jaswal  
 Lab Sample ID : I4279-22 Instrumnet Name : P7  
 Client Sample ID : DC3126-61-FL5-TL-W2-F Dilution Factor : 1  
 Date & Time Acquired :: 2017-07-20 00:17:37 DataFile Name : 189SMPL\_P7071917 -M1

| Parameter  | Mass  | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|------------|-------|---------|---------|---------|------------|---------|-------|
| Aluminium  | 27-2  | 7.30    | 5.16    | 5.93    | 6.13       | 17.70   | ppb   |
| Antimony   | 121-1 | 0.44    | 0.44    | 0.38    | 0.42       | 8.57    | ppb   |
| Arsenic    | 75-2  | 0.14    | 0.20    | 0.20    | 0.18       | 17.78   | ppb   |
| Barium     | 135-1 | 15.46   | 16.10   | 15.69   | 15.75      | 2.05    | ppb   |
| Barium     | 137-1 | 15.89   | 16.03   | 15.65   | 15.86      | 1.21    | ppb   |
| Beryllium  | 9-1   | -0.10   | -0.09   | -0.08   | -0.09      |         | ppb   |
| Bismuth    | 209-1 |         |         |         |            |         | %     |
| Bismuth    | 209-2 |         |         |         |            |         | %     |
| Boron      | 10-1  | 6.48    | 4.99    | 6.07    | 5.85       | 13.17   | ppb   |
| Boron      | 11-1  | 5.51    | 5.48    | 5.45    | 5.48       | 0.54    | ppb   |
| Cadmium    | 111-1 | -0.26   | -0.28   | -0.23   | -0.26      |         | ppb   |
| Cadmium    | 106-1 | -3.34   | -3.77   | -2.94   | -3.35      |         | ppb   |
| Cadmium    | 108-1 | 0.08    | 0.21    | 0.01    | 0.10       | 103.90  | ppb   |
| Calcium    | 43-1  | 6008.64 | 5948.37 | 5978.06 | 5978.36    | 0.50    | ppb   |
| Calcium    | 44-1  | 6011.86 | 6004.18 | 6064.46 | 6026.83    | 0.54    | ppb   |
| Chromium   | 52-2  | -0.06   | 0.00    | -0.01   | -0.02      |         | ppb   |
| Cobalt     | 59-2  | 0.00    | -0.01   | 0.02    | 0.00       | 442.46  | ppb   |
| Copper     | 63-2  | 1171.70 | 1176.84 | 1158.58 | 1169.04    | 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  | 8.02    | 7.94    | 7.84    | 7.94       | 1.16    | ppb   |
| Iron       | 57-2  | 12.04   | 17.04   | 17.33   | 15.47      | 19.24   | ppb   |
| Lead       | 206-1 | 2.19    | 2.21    | 2.22    | 2.21       | 0.57    | ppb   |
| Lead       | 207-1 | 2.11    | 2.05    | 2.05    | 2.07       | 1.68    | ppb   |
| Lead       | 208-1 | 2.16    | 2.14    | 2.13    | 2.14       | 0.79    | ppb   |
| Lithium    | 6-1   |         |         |         |            |         | %     |
| Magnesium  | 24-2  | 1355.16 | 1363.14 | 1368.56 | 1362.29    | 0.49    | ppb   |
| Manganese  | 55-2  | 7.79    | 7.72    | 7.64    | 7.72       | 0.99    | ppb   |

|                         |                       |                   |                     |
|-------------------------|-----------------------|-------------------|---------------------|
| LB Number :             | LB88853               | Operator :        | Jaswal              |
| Lab Sample ID :         | I4279-22              | Instrumnet Name : | P7                  |
| Client Sample ID :      | DC3126-61-FL5-TL-W2-F | Dilution Factor : | 1                   |
| Date & Time Acquired :: | 2017-07-20 00:17:37   | DataFile Name :   | 189SMPL_P7071917 -M |

| Parameter  | Mass  | ConRep1  | ConRep2  | ConRep3  | Avg. Conc. | ConcRSD | Units |
|------------|-------|----------|----------|----------|------------|---------|-------|
| Molybdenum | 94-1  | 0.01     | 0.01     | 0.02     | 0.01       | 29.01   | ppb   |
| Molybdenum | 95-1  | 0.01     | -0.02    | 0.00     | 0.00       |         | ppb   |
| Molybdenum | 96-1  | 0.00     | 0.02     | 0.00     | 0.01       | 185.98  | ppb   |
| Molybdenum | 97-1  | 0.03     | 0.06     | -0.01    | 0.02       | 142.88  | ppb   |
| Molybdenum | 98-1  | 0.00     | -0.01    | 0.00     | 0.00       |         | ppb   |
| Neodymium  | 150-1 |          |          |          |            |         | cps   |
| Neodymium  | 150-2 |          |          |          |            |         | cps   |
| Nickel     | 60-2  | 9.12     | 9.36     | 9.17     | 9.22       | 1.40    | ppb   |
| Phosphorus | 31-2  | 77.24    | 78.46    | 88.62    | 81.44      | 7.67    | ppb   |
| Potassium  | 39-2  | 601.13   | 597.65   | 603.51   | 600.76     | 0.49    | ppb   |
| Rhodium    | 103-1 |          |          |          |            |         | %     |
| Rhodium    | 103-2 |          |          |          |            |         | %     |
| Scandium   | 45-1  |          |          |          |            |         | %     |
| Scandium   | 45-2  |          |          |          |            |         | %     |
| Selenium   | 77-2  | 1.00     | 0.00     | 0.00     | 0.33       | 173.21  | ppb   |
| Selenium   | 78-2  | -1.62    | -0.12    | -0.34    | -0.69      |         | ppb   |
| Selenium   | 82-1  | 0.36     | 0.56     | 0.97     | 0.63       | 48.82   | ppb   |
| Silicon    | 28-1  | 1079.48  | 1071.08  | 1086.18  | 1078.91    | 0.70    | ppb   |
| Silver     | 109-1 | 0.12     | 0.09     | 0.09     | 0.10       | 15.09   | ppb   |
| Silver     | 107-1 | 0.12     | 0.08     | 0.11     | 0.10       | 16.72   | ppb   |
| Sodium     | 23-2  | 10949.82 | 10923.13 | 10802.38 | 10891.78   | 0.72    | ppb   |
| Strontium  | 86-1  | 20.58    | 20.98    | 21.18    | 20.91      | 1.44    | ppb   |
| Strontium  | 88-1  | 21.02    | 21.14    | 21.27    | 21.14      | 0.57    | ppb   |
| Sulfur     | 34-1  | 2744.99  | 2991.00  | 3198.03  | 2978.01    | 7.62    | ppb   |
| Terbium    | 159-1 |          |          |          |            |         | %     |
| Terbium    | 159-2 |          |          |          |            |         | %     |
| Thallium   | 203-1 | -0.04    | -0.03    | -0.04    | -0.04      |         | ppb   |
| Thallium   | 205-1 | -0.03    | -0.03    | -0.03    | -0.03      |         | ppb   |
| Tin        | 118-1 | -0.05    | -0.04    | -0.05    | -0.05      |         | ppb   |
| Titanium   | 47-1  | 0.12     | 0.12     | 0.14     | 0.13       | 8.91    | ppb   |
| Uranium    | 238-1 | -0.06    | -0.06    | -0.06    | -0.06      |         | ppb   |
| Vanadium   | 51-2  | 0.02     | 0.01     | 0.03     | 0.02       | 41.61   | ppb   |
| Yttrium    | 89-1  |          |          |          |            |         | %     |
| Yttrium    | 89-2  |          |          |          |            |         | %     |
| Zinc       | 66-2  | 408.43   | 408.94   | 402.05   | 406.47     | 0.94    | ppb   |
| Zirconium  | 90-1  | 0.00     | 0.02     | 0.01     | 0.01       | 62.21   | ppb   |



|                         |                       |                   |                     |
|-------------------------|-----------------------|-------------------|---------------------|
| LB Number :             | LB88853               | Operator :        | Jaswal              |
| Lab Sample ID :         | I4279-22              | Instrumnet Name : | P7                  |
| Client Sample ID :      | DC3126-61-FL5-TL-W2-F | Dilution Factor : | 1                   |
| Date & Time Acquired :: | 2017-07-20 00:17:37   | DataFile Name :   | 189SMPL_P7071917 -M |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|-----------|------|---------|---------|---------|------------|---------|-------|
| Zirconium | 91-1 | 0.00    | 0.01    | 0.01    | 0.01       | 38.79   | ppb   |

LB Number : LB88853 Operator : Jaswal  
 Lab Sample ID : CCV45 Instrumnet Name : P7  
 Client Sample ID : CCV45 Dilution Factor : 1  
 Date & Time Acquired :: 2017-07-20 00:21:09 DataFile Name : 190CCV\_P7071917 -MS.

| Parameter  | Mass  | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|------------|-------|---------|---------|---------|------------|---------|-------|
| Aluminium  | 27-2  | 0.31    | -0.39   | 0.98    | 0.30       | 229.74  | ppb   |
| Antimony   | 121-1 | 0.00    | 0.00    | 0.01    | 0.00       | 80.83   | ppb   |
| Arsenic    | 75-2  | -0.06   | -0.04   | -0.01   | -0.04      |         | ppb   |
| Barium     | 135-1 | -0.09   | -0.10   | -0.10   | -0.10      |         | ppb   |
| Barium     | 137-1 | -0.06   | -0.06   | -0.06   | -0.06      |         | ppb   |
| Beryllium  | 9-1   | -0.04   | -0.09   | -0.13   | -0.09      |         | ppb   |
| Bismuth    | 209-1 |         |         |         |            |         | %     |
| Bismuth    | 209-2 |         |         |         |            |         | %     |
| Boron      | 10-1  | 0.74    | 0.73    | 0.87    | 0.78       | 9.53    | ppb   |
| Boron      | 11-1  | 0.80    | 0.86    | 0.62    | 0.76       | 16.91   | ppb   |
| Cadmium    | 111-1 | -0.32   | -0.41   | -0.30   | -0.35      |         | ppb   |
| Cadmium    | 106-1 | -3.89   | -5.07   | -3.68   | -4.21      |         | ppb   |
| Cadmium    | 108-1 | 0.01    | -0.07   | -0.03   | -0.03      |         | ppb   |
| Calcium    | 43-1  | 12.78   | 4.51    | 1.07    | 6.12       | 98.32   | ppb   |
| Calcium    | 44-1  | 2.53    | 2.65    | 1.48    | 2.22       | 28.83   | ppb   |
| Chromium   | 52-2  | 0.04    | -0.05   | 0.02    | 0.00       | 1761.18 | ppb   |
| Cobalt     | 59-2  | -0.07   | -0.08   | -0.08   | -0.08      |         | ppb   |
| Copper     | 63-2  | 0.16    | 0.01    | 0.05    | 0.08       | 101.26  | 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  | 0.46    | 0.32    | 0.28    | 0.35       | 26.31   | ppb   |
| Iron       | 57-2  | 1.28    | 2.60    | 1.38    | 1.75       | 42.00   | ppb   |
| Lead       | 206-1 | 496.83  | 497.68  | 494.71  | 496.40     | 0.31    | ppb   |
| Lead       | 207-1 | 490.48  | 487.59  | 485.66  | 487.91     | 0.50    | ppb   |
| Lead       | 208-1 | 498.99  | 496.94  | 495.24  | 497.06     | 0.38    | ppb   |
| Lithium    | 6-1   |         |         |         |            |         | %     |
| Magnesium  | 24-2  | -0.20   | -0.28   | -0.94   | -0.47      |         | ppb   |
| Manganese  | 55-2  | -0.02   | -0.11   | -0.10   | -0.08      |         | ppb   |

|                         |                     |                   |                      |
|-------------------------|---------------------|-------------------|----------------------|
| LB Number :             | LB88853             | Operator :        | Jaswal               |
| Lab Sample ID :         | CCV45               | Instrumnet Name : | P7                   |
| Client Sample ID :      | CCV45               | Dilution Factor : | 1                    |
| Date & Time Acquired :: | 2017-07-20 00:21:09 | DataFile Name :   | 190CCV_P7071917 -MS. |

| Parameter  | Mass  | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|------------|-------|---------|---------|---------|------------|---------|-------|
| Molybdenum | 94-1  | -0.01   | 0.00    | -0.02   | -0.01      |         | ppb   |
| Molybdenum | 95-1  | -0.05   | -0.06   | -0.05   | -0.06      |         | ppb   |
| Molybdenum | 96-1  | -0.03   | -0.03   | -0.03   | -0.03      |         | ppb   |
| Molybdenum | 97-1  | -0.01   | -0.02   | -0.01   | -0.01      |         | ppb   |
| Molybdenum | 98-1  | -0.05   | -0.05   | -0.05   | -0.05      |         | ppb   |
| Neodymium  | 150-1 |         |         |         |            |         | cps   |
| Neodymium  | 150-2 |         |         |         |            |         | cps   |
| Nickel     | 60-2  | -0.37   | -0.50   | -0.47   | -0.45      |         | ppb   |
| Phosphorus | 31-2  | -2.83   | -3.44   | -16.46  | -7.57      |         | ppb   |
| Potassium  | 39-2  | 51.49   | 42.65   | 51.63   | 48.59      | 10.59   | ppb   |
| Rhodium    | 103-1 |         |         |         |            |         | %     |
| Rhodium    | 103-2 |         |         |         |            |         | %     |
| Scandium   | 45-1  |         |         |         |            |         | %     |
| Scandium   | 45-2  |         |         |         |            |         | %     |
| Selenium   | 77-2  | 0.00    | 0.00    | 0.00    | 0.00       | N/A     | ppb   |
| Selenium   | 78-2  | 0.82    | 0.07    | 0.59    | 0.49       | 77.45   | ppb   |
| Selenium   | 82-1  | -0.38   | 0.23    | 0.54    | 0.13       | 367.18  | ppb   |
| Silicon    | 28-1  | 16.12   | 16.23   | 18.16   | 16.83      | 6.82    | ppb   |
| Silver     | 109-1 | 0.00    | 0.00    | 0.00    | 0.00       | 49.18   | ppb   |
| Silver     | 107-1 | 0.00    | 0.01    | 0.00    | 0.00       | 66.53   | ppb   |
| Sodium     | 23-2  | 62.05   | 61.04   | 65.06   | 62.72      | 3.33    | ppb   |
| Strontium  | 86-1  | 0.13    | 0.02    | 0.06    | 0.07       | 73.74   | ppb   |
| Strontium  | 88-1  | 0.00    | 0.00    | 0.00    | 0.00       |         | ppb   |
| Sulfur     | 34-1  | 2124.31 | 2334.29 | 2340.35 | 2266.32    | 5.43    | ppb   |
| Terbium    | 159-1 |         |         |         |            |         | %     |
| Terbium    | 159-2 |         |         |         |            |         | %     |
| Thallium   | 203-1 | -0.03   | -0.03   | -0.03   | -0.03      |         | ppb   |
| Thallium   | 205-1 | -0.03   | -0.03   | -0.02   | -0.02      |         | ppb   |
| Tin        | 118-1 | -0.11   | -0.09   | -0.10   | -0.10      |         | ppb   |
| Titanium   | 47-1  | 0.00    | 0.06    | 0.03    | 0.03       | 86.77   | ppb   |
| Uranium    | 238-1 | -0.07   | -0.07   | -0.07   | -0.07      |         | ppb   |
| Vanadium   | 51-2  | -0.02   | -0.02   | -0.02   | -0.02      |         | ppb   |
| Yttrium    | 89-1  |         |         |         |            |         | %     |
| Yttrium    | 89-2  |         |         |         |            |         | %     |
| Zinc       | 66-2  | 0.46    | 0.48    | 0.37    | 0.44       | 13.54   | ppb   |
| Zirconium  | 90-1  | -0.01   | -0.01   | -0.01   | -0.01      |         | ppb   |

|                         |                     |                   |                      |
|-------------------------|---------------------|-------------------|----------------------|
| LB Number :             | LB88853             | Operator :        | Jaswal               |
| Lab Sample ID :         | CCV45               | Instrumnet Name : | P7                   |
| Client Sample ID :      | CCV45               | Dilution Factor : | 1                    |
| Date & Time Acquired :: | 2017-07-20 00:21:09 | DataFile Name :   | 190CCV_P7071917 -MS. |

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

LB Number : LB88853 Operator : Jaswal  
 Lab Sample ID : CCB45 Instrumnet Name : P7  
 Client Sample ID : CCB45 Dilution Factor : 1  
 Date & Time Acquired :: 2017-07-20 00:24:42 DataFile Name : 191CCBE\_P7071917 -M

| Parameter  | Mass  | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|------------|-------|---------|---------|---------|------------|---------|-------|
| Aluminium  | 27-2  | -0.39   | 0.76    | 0.09    | 0.15       | 375.15  | ppb   |
| Antimony   | 121-1 | 0.00    | 0.01    | 0.00    | 0.00       | 102.74  | ppb   |
| Arsenic    | 75-2  | -0.05   | 0.00    | -0.05   | -0.03      |         | ppb   |
| Barium     | 135-1 | -0.11   | -0.10   | -0.07   | -0.09      |         | ppb   |
| Barium     | 137-1 | -0.06   | -0.06   | -0.07   | -0.06      |         | ppb   |
| Beryllium  | 9-1   | -0.10   | -0.08   | -0.03   | -0.07      |         | ppb   |
| Bismuth    | 209-1 |         |         |         |            |         | %     |
| Bismuth    | 209-2 |         |         |         |            |         | %     |
| Boron      | 10-1  | 1.13    | 0.25    | 0.98    | 0.79       | 60.00   | ppb   |
| Boron      | 11-1  | 0.40    | 0.50    | 0.45    | 0.45       | 11.95   | ppb   |
| Cadmium    | 111-1 | -0.39   | -0.35   | -0.31   | -0.35      |         | ppb   |
| Cadmium    | 106-1 | -4.67   | -4.22   | -3.83   | -4.24      |         | ppb   |
| Cadmium    | 108-1 | -0.07   | -0.03   | -0.11   | -0.07      |         | ppb   |
| Calcium    | 43-1  | -0.28   | 3.24    | -5.00   | -0.68      |         | ppb   |
| Calcium    | 44-1  | -2.57   | -2.19   | -2.53   | -2.43      |         | ppb   |
| Chromium   | 52-2  | 0.03    | 0.03    | 0.02    | 0.03       | 22.80   | ppb   |
| Cobalt     | 59-2  | -0.06   | -0.07   | -0.07   | -0.07      |         | ppb   |
| Copper     | 63-2  | 0.04    | 0.05    | -0.01   | 0.03       | 108.84  | 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  | 0.55    | 0.37    | 0.41    | 0.44       | 21.37   | ppb   |
| Iron       | 57-2  | 0.35    | -0.96   | 1.40    | 0.26       | 448.96  | ppb   |
| Lead       | 206-1 | -0.02   | -0.05   | -0.03   | -0.04      |         | ppb   |
| Lead       | 207-1 | -0.03   | -0.01   | -0.05   | -0.03      |         | ppb   |
| Lead       | 208-1 | -0.02   | -0.03   | -0.03   | -0.03      |         | ppb   |
| Lithium    | 6-1   |         |         |         |            |         | %     |
| Magnesium  | 24-2  | 1.12    | 1.77    | -0.10   | 0.93       | 102.22  | ppb   |
| Manganese  | 55-2  | -0.10   | -0.03   | -0.09   | -0.07      |         | ppb   |

|                         |                     |                   |                      |
|-------------------------|---------------------|-------------------|----------------------|
| LB Number :             | LB88853             | Operator :        | Jaswal               |
| Lab Sample ID :         | CCB45               | Instrumnet Name : | P7                   |
| Client Sample ID :      | CCB45               | Dilution Factor : | 1                    |
| Date & Time Acquired :: | 2017-07-20 00:24:42 | DataFile Name :   | 191CCBE_P7071917 -M: |

| Parameter  | Mass  | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|------------|-------|---------|---------|---------|------------|---------|-------|
| Molybdenum | 94-1  | -0.02   | -0.01   | -0.01   | -0.01      |         | ppb   |
| Molybdenum | 95-1  | -0.05   | -0.06   | -0.06   | -0.06      |         | ppb   |
| Molybdenum | 96-1  | -0.03   | -0.04   | -0.02   | -0.03      |         | ppb   |
| Molybdenum | 97-1  | -0.03   | -0.01   | -0.03   | -0.02      |         | ppb   |
| Molybdenum | 98-1  | -0.05   | -0.05   | -0.05   | -0.05      |         | ppb   |
| Neodymium  | 150-1 |         |         |         |            |         | cps   |
| Neodymium  | 150-2 |         |         |         |            |         | cps   |
| Nickel     | 60-2  | -0.49   | -0.44   | -0.48   | -0.47      |         | ppb   |
| Phosphorus | 31-2  | 10.65   | 5.29    | -6.57   | 3.12       | 282.24  | ppb   |
| Potassium  | 39-2  | 45.15   | 42.65   | 60.42   | 49.41      | 19.47   | ppb   |
| Rhodium    | 103-1 |         |         |         |            |         | %     |
| Rhodium    | 103-2 |         |         |         |            |         | %     |
| Scandium   | 45-1  |         |         |         |            |         | %     |
| Scandium   | 45-2  |         |         |         |            |         | %     |
| Selenium   | 77-2  | 0.00    | 0.00    | 0.00    | 0.00       | N/A     | ppb   |
| Selenium   | 78-2  | -0.41   | 0.90    | -0.07   | 0.14       | 485.24  | ppb   |
| Selenium   | 82-1  | 0.61    | 1.07    | 1.45    | 1.05       | 39.94   | ppb   |
| Silicon    | 28-1  | 16.11   | 16.89   | 15.88   | 16.30      | 3.26    | ppb   |
| Silver     | 109-1 | 0.01    | 0.00    | 0.00    | 0.01       | 54.13   | ppb   |
| Silver     | 107-1 | 0.01    | 0.00    | 0.01    | 0.00       | 94.14   | ppb   |
| Sodium     | 23-2  | 60.13   | 64.73   | 64.52   | 63.13      | 4.11    | ppb   |
| Strontium  | 86-1  | 0.13    | 0.15    | 0.08    | 0.12       | 27.16   | ppb   |
| Strontium  | 88-1  | -0.01   | 0.00    | -0.01   | 0.00       |         | ppb   |
| Sulfur     | 34-1  | 2368.66 | 2633.50 | 2335.20 | 2445.79    | 6.68    | ppb   |
| Terbium    | 159-1 |         |         |         |            |         | %     |
| Terbium    | 159-2 |         |         |         |            |         | %     |
| Thallium   | 203-1 | -0.03   | -0.02   | -0.03   | -0.03      |         | ppb   |
| Thallium   | 205-1 | -0.02   | -0.02   | -0.02   | -0.02      |         | ppb   |
| Tin        | 118-1 | -0.01   | -0.02   | -0.02   | -0.01      |         | ppb   |
| Titanium   | 47-1  | 0.09    | -0.05   | -0.04   | 0.00       |         | ppb   |
| Uranium    | 238-1 | -0.07   | -0.07   | -0.07   | -0.07      |         | ppb   |
| Vanadium   | 51-2  | -0.02   | -0.02   | -0.02   | -0.02      |         | ppb   |
| Yttrium    | 89-1  |         |         |         |            |         | %     |
| Yttrium    | 89-2  |         |         |         |            |         | %     |
| Zinc       | 66-2  | -0.08   | 0.07    | -0.02   | -0.01      |         | ppb   |
| Zirconium  | 90-1  | -0.02   | 0.00    | 0.00    | -0.01      |         | ppb   |

|                         |                     |                   |                      |
|-------------------------|---------------------|-------------------|----------------------|
| LB Number :             | LB88853             | Operator :        | Jaswal               |
| Lab Sample ID :         | CCB45               | Instrumnet Name : | P7                   |
| Client Sample ID :      | CCB45               | Dilution Factor : | 1                    |
| Date & Time Acquired :: | 2017-07-20 00:24:42 | DataFile Name :   | 191CCBE_P7071917 -M: |

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

LB Number : LB88853 Operator : Jaswal  
 Lab Sample ID : I4279-23 Instrumnet Name : P7  
 Client Sample ID : DC3126-62-FL5-BRT-W1 Dilution Factor : 1  
 Date & Time Acquired :: 2017-07-20 00:28:15 DataFile Name : 192SMPL\_P7071917 -M1

| Parameter  | Mass  | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|------------|-------|---------|---------|---------|------------|---------|-------|
| Aluminium  | 27-2  | 14.67   | 19.25   | 17.35   | 17.09      | 13.47   | ppb   |
| Antimony   | 121-1 | 0.06    | 0.05    | 0.04    | 0.05       | 19.88   | ppb   |
| Arsenic    | 75-2  | 0.17    | 0.20    | 0.25    | 0.21       | 21.16   | ppb   |
| Barium     | 135-1 | 15.92   | 16.02   | 16.47   | 16.14      | 1.82    | ppb   |
| Barium     | 137-1 | 16.57   | 15.81   | 16.31   | 16.23      | 2.38    | ppb   |
| Beryllium  | 9-1   | -0.09   | -0.06   | -0.07   | -0.08      |         | ppb   |
| Bismuth    | 209-1 |         |         |         |            |         | %     |
| Bismuth    | 209-2 |         |         |         |            |         | %     |
| Boron      | 10-1  | 5.04    | 4.07    | 3.98    | 4.36       | 13.54   | ppb   |
| Boron      | 11-1  | 3.22    | 3.67    | 4.04    | 3.64       | 11.15   | ppb   |
| Cadmium    | 111-1 | -0.35   | -0.30   | -0.37   | -0.34      |         | ppb   |
| Cadmium    | 106-1 | -4.47   | -3.79   | -4.60   | -4.29      |         | ppb   |
| Cadmium    | 108-1 | -0.04   | -0.08   | -0.11   | -0.08      |         | ppb   |
| Calcium    | 43-1  | 5309.63 | 5265.89 | 5197.19 | 5257.57    | 1.08    | ppb   |
| Calcium    | 44-1  | 5269.82 | 5256.13 | 5234.93 | 5253.63    | 0.33    | ppb   |
| Chromium   | 52-2  | 0.04    | 0.04    | 0.10    | 0.06       | 63.55   | ppb   |
| Cobalt     | 59-2  | -0.03   | -0.01   | -0.02   | -0.02      |         | ppb   |
| Copper     | 63-2  | 250.67  | 254.79  | 255.50  | 253.65     | 1.03    | ppb   |
| Dysprosium | 156-1 |         |         |         |            |         | cps   |
| Dysprosium | 156-2 |         |         |         |            |         | cps   |
| Erbium     | 164-1 |         |         |         |            |         | cps   |
| Erbium     | 164-2 |         |         |         |            |         | cps   |
| Gadolinium | 160-1 |         |         |         |            |         | cps   |
| Gadolinium | 160-2 |         |         |         |            |         | cps   |
| Holmium    | 165-1 |         |         |         |            |         | %     |
| Holmium    | 165-2 |         |         |         |            |         | %     |
| Indium     | 115-1 |         |         |         |            |         | %     |
| Indium     | 115-2 |         |         |         |            |         | %     |
| Iron       | 56-2  | 44.91   | 45.70   | 47.44   | 46.02      | 2.81    | ppb   |
| Iron       | 57-2  | 53.88   | 58.72   | 59.41   | 57.33      | 5.26    | ppb   |
| Lead       | 206-1 | 2.79    | 2.76    | 2.62    | 2.72       | 3.30    | ppb   |
| Lead       | 207-1 | 2.41    | 2.49    | 2.41    | 2.44       | 1.94    | ppb   |
| Lead       | 208-1 | 2.61    | 2.60    | 2.54    | 2.58       | 1.49    | ppb   |
| Lithium    | 6-1   |         |         |         |            |         | %     |
| Magnesium  | 24-2  | 1125.63 | 1146.40 | 1144.49 | 1138.84    | 1.01    | ppb   |
| Manganese  | 55-2  | 14.23   | 13.77   | 14.39   | 14.13      | 2.28    | ppb   |



LB Number : LB88853 Operator : Jaswal  
 Lab Sample ID : I4279-23 Instrumnet Name : P7  
 Client Sample ID : DC3126-62-FL5-BRT-W1 Dilution Factor : 1  
 Date & Time Acquired :: 2017-07-20 00:28:15 DataFile Name : 192SMPL\_P7071917 -M

| Parameter  | Mass  | ConRep1 | ConRep2  | ConRep3  | Avg. Conc. | ConcRSD | Units |
|------------|-------|---------|----------|----------|------------|---------|-------|
| Molybdenum | 94-1  | 0.02    | 0.03     | 0.03     | 0.03       | 19.29   | ppb   |
| Molybdenum | 95-1  | -0.01   | -0.02    | -0.02    | -0.02      |         | ppb   |
| Molybdenum | 96-1  | 0.00    | -0.01    | 0.01     | 0.00       |         | ppb   |
| Molybdenum | 97-1  | -0.01   | 0.00     | -0.02    | -0.01      |         | ppb   |
| Molybdenum | 98-1  | -0.01   | 0.00     | -0.01    | -0.01      |         | ppb   |
| Neodymium  | 150-1 |         |          |          |            |         | cps   |
| Neodymium  | 150-2 |         |          |          |            |         | cps   |
| Nickel     | 60-2  | 22.64   | 22.58    | 23.22    | 22.81      | 1.56    | ppb   |
| Phosphorus | 31-2  | 633.91  | 564.03   | 475.68   | 557.87     | 14.21   | ppb   |
| Potassium  | 39-2  | 513.60  | 519.29   | 533.59   | 522.16     | 1.97    | ppb   |
| Rhodium    | 103-1 |         |          |          |            |         | %     |
| Rhodium    | 103-2 |         |          |          |            |         | %     |
| Scandium   | 45-1  |         |          |          |            |         | %     |
| Scandium   | 45-2  |         |          |          |            |         | %     |
| Selenium   | 77-2  | 0.00    | 0.96     | 0.00     | 0.32       | 173.21  | ppb   |
| Selenium   | 78-2  | -1.61   | 0.03     | 0.61     | -0.32      |         | ppb   |
| Selenium   | 82-1  | -0.41   | -0.97    | 0.67     | -0.24      |         | ppb   |
| Silicon    | 28-1  | 948.92  | 947.02   | 950.65   | 948.86     | 0.19    | ppb   |
| Silver     | 109-1 | 0.02    | 0.03     | 0.02     | 0.02       | 10.85   | ppb   |
| Silver     | 107-1 | 0.02    | 0.03     | 0.06     | 0.03       | 66.47   | ppb   |
| Sodium     | 23-2  | 9927.11 | 10040.13 | 10116.89 | 10028.04   | 0.95    | ppb   |
| Strontium  | 86-1  | 18.35   | 18.09    | 18.45    | 18.29      | 1.02    | ppb   |
| Strontium  | 88-1  | 18.58   | 18.29    | 18.53    | 18.47      | 0.84    | ppb   |
| Sulfur     | 34-1  | 2722.66 | 2721.91  | 2662.50  | 2702.36    | 1.28    | ppb   |
| Terbium    | 159-1 |         |          |          |            |         | %     |
| Terbium    | 159-2 |         |          |          |            |         | %     |
| Thallium   | 203-1 | -0.04   | -0.04    | -0.03    | -0.04      |         | ppb   |
| Thallium   | 205-1 | -0.03   | -0.03    | -0.03    | -0.03      |         | ppb   |
| Tin        | 118-1 | -0.02   | -0.03    | -0.05    | -0.03      |         | ppb   |
| Titanium   | 47-1  | 0.34    | 0.39     | 0.30     | 0.34       | 13.47   | ppb   |
| Uranium    | 238-1 | -0.06   | -0.06    | -0.06    | -0.06      |         | ppb   |
| Vanadium   | 51-2  | 0.07    | 0.02     | 0.04     | 0.04       | 50.13   | ppb   |
| Yttrium    | 89-1  |         |          |          |            |         | %     |
| Yttrium    | 89-2  |         |          |          |            |         | %     |
| Zinc       | 66-2  | 139.37  | 135.50   | 137.03   | 137.30     | 1.42    | ppb   |
| Zirconium  | 90-1  | 0.03    | 0.03     | 0.03     | 0.03       | 4.19    | ppb   |

|                         |                      |                   |                     |
|-------------------------|----------------------|-------------------|---------------------|
| LB Number :             | LB88853              | Operator :        | Jaswal              |
| Lab Sample ID :         | I4279-23             | Instrumnet Name : | P7                  |
| Client Sample ID :      | DC3126-62-FL5-BRT-W1 | Dilution Factor : | 1                   |
| Date & Time Acquired :: | 2017-07-20 00:28:15  | DataFile Name :   | 192SMPL_P7071917 -M |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|-----------|------|---------|---------|---------|------------|---------|-------|
| Zirconium | 91-1 | 0.05    | 0.02    | 0.02    | 0.03       | 67.22   | ppb   |

LB Number : LB88853 Operator : Jaswal  
 Lab Sample ID : I4279-24 Instrumnet Name : P7  
 Client Sample ID : DC3126-63-FL5-BRT-W1 Dilution Factor : 1  
 Date & Time Acquired :: 2017-07-20 00:31:47 DataFile Name : 193SMPL\_P7071917 -M

| Parameter  | Mass  | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|------------|-------|---------|---------|---------|------------|---------|-------|
| Aluminium  | 27-2  | 12.83   | 15.67   | 12.06   | 13.52      | 14.05   | ppb   |
| Antimony   | 121-1 | 0.05    | 0.06    | 0.05    | 0.05       | 9.05    | ppb   |
| Arsenic    | 75-2  | 0.23    | 0.20    | 0.37    | 0.27       | 33.22   | ppb   |
| Barium     | 135-1 | 16.35   | 16.32   | 16.40   | 16.36      | 0.27    | ppb   |
| Barium     | 137-1 | 16.84   | 16.67   | 16.36   | 16.62      | 1.46    | ppb   |
| Beryllium  | 9-1   | -0.11   | -0.06   | -0.12   | -0.10      |         | ppb   |
| Bismuth    | 209-1 |         |         |         |            |         | %     |
| Bismuth    | 209-2 |         |         |         |            |         | %     |
| Boron      | 10-1  | 3.95    | 3.30    | 3.67    | 3.64       | 8.85    | ppb   |
| Boron      | 11-1  | 2.97    | 3.82    | 3.45    | 3.41       | 12.43   | ppb   |
| Cadmium    | 111-1 | -0.36   | -0.29   | -0.43   | -0.36      |         | ppb   |
| Cadmium    | 106-1 | -4.45   | -3.67   | -5.37   | -4.50      |         | ppb   |
| Cadmium    | 108-1 | -0.08   | -0.11   | -0.04   | -0.08      |         | ppb   |
| Calcium    | 43-1  | 5070.61 | 5143.26 | 5295.97 | 5169.95    | 2.22    | ppb   |
| Calcium    | 44-1  | 5202.83 | 5217.98 | 5315.38 | 5245.40    | 1.16    | ppb   |
| Chromium   | 52-2  | -0.01   | -0.01   | 0.05    | 0.01       | 381.29  | ppb   |
| Cobalt     | 59-2  | -0.06   | -0.07   | -0.06   | -0.06      |         | ppb   |
| Copper     | 63-2  | 154.51  | 154.01  | 158.42  | 155.65     | 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  | 34.15   | 33.97   | 36.87   | 34.99      | 4.64    | ppb   |
| Iron       | 57-2  | 36.88   | 36.61   | 36.96   | 36.82      | 0.49    | ppb   |
| Lead       | 206-1 | 1.45    | 1.42    | 1.45    | 1.44       | 1.19    | ppb   |
| Lead       | 207-1 | 1.25    | 1.30    | 1.28    | 1.27       | 2.15    | ppb   |
| Lead       | 208-1 | 1.33    | 1.37    | 1.36    | 1.35       | 1.43    | ppb   |
| Lithium    | 6-1   |         |         |         |            |         | %     |
| Magnesium  | 24-2  | 1129.17 | 1119.79 | 1135.04 | 1128.00    | 0.68    | ppb   |
| Manganese  | 55-2  | 13.19   | 13.08   | 13.43   | 13.23      | 1.38    | ppb   |

LB Number : LB88853 Operator : Jaswal  
 Lab Sample ID : I4279-24 Instrumnet Name : P7  
 Client Sample ID : DC3126-63-FL5-BRT-W1 Dilution Factor : 1  
 Date & Time Acquired :: 2017-07-20 00:31:47 DataFile Name : 193SMPL\_P7071917 -M

| Parameter  | Mass  | ConRep1  | ConRep2 | ConRep3  | Avg. Conc. | ConcRSD | Units |
|------------|-------|----------|---------|----------|------------|---------|-------|
| Molybdenum | 94-1  | 0.03     | 0.03    | 0.02     | 0.03       | 17.26   | ppb   |
| Molybdenum | 95-1  | -0.02    | -0.01   | -0.03    | -0.02      |         | ppb   |
| Molybdenum | 96-1  | -0.01    | -0.01   | 0.00     | -0.01      |         | ppb   |
| Molybdenum | 97-1  | -0.01    | 0.00    | 0.01     | 0.00       | 630.53  | ppb   |
| Molybdenum | 98-1  | 0.00     | -0.01   | -0.01    | -0.01      |         | ppb   |
| Neodymium  | 150-1 |          |         |          |            |         | cps   |
| Neodymium  | 150-2 |          |         |          |            |         | cps   |
| Nickel     | 60-2  | 3.15     | 3.33    | 3.69     | 3.39       | 8.11    | ppb   |
| Phosphorus | 31-2  | 570.99   | 602.29  | 617.18   | 596.82     | 3.95    | ppb   |
| Potassium  | 39-2  | 542.83   | 503.57  | 536.41   | 527.61     | 3.99    | ppb   |
| Rhodium    | 103-1 |          |         |          |            |         | %     |
| Rhodium    | 103-2 |          |         |          |            |         | %     |
| Scandium   | 45-1  |          |         |          |            |         | %     |
| Scandium   | 45-2  |          |         |          |            |         | %     |
| Selenium   | 77-2  | 0.00     | 0.00    | 0.97     | 0.32       | 173.21  | ppb   |
| Selenium   | 78-2  | 0.48     | -0.43   | -0.58    | -0.17      |         | ppb   |
| Selenium   | 82-1  | -0.22    | 0.63    | 0.54     | 0.32       | 146.63  | ppb   |
| Silicon    | 28-1  | 917.03   | 896.18  | 902.98   | 905.39     | 1.17    | ppb   |
| Silver     | 109-1 | 0.01     | 0.02    | 0.02     | 0.02       | 19.89   | ppb   |
| Silver     | 107-1 | 0.02     | 0.01    | 0.01     | 0.01       | 31.24   | ppb   |
| Sodium     | 23-2  | 10120.32 | 9970.62 | 10247.19 | 10112.71   | 1.37    | ppb   |
| Strontium  | 86-1  | 17.91    | 19.04   | 18.54    | 18.49      | 3.08    | ppb   |
| Strontium  | 88-1  | 18.41    | 18.67   | 18.60    | 18.56      | 0.73    | ppb   |
| Sulfur     | 34-1  | 2549.23  | 2497.00 | 2749.01  | 2598.41    | 5.12    | ppb   |
| Terbium    | 159-1 |          |         |          |            |         | %     |
| Terbium    | 159-2 |          |         |          |            |         | %     |
| Thallium   | 203-1 | -0.04    | -0.04   | -0.03    | -0.03      |         | ppb   |
| Thallium   | 205-1 | -0.03    | -0.03   | -0.03    | -0.03      |         | ppb   |
| Tin        | 118-1 | -0.09    | -0.10   | -0.08    | -0.09      |         | ppb   |
| Titanium   | 47-1  | 0.35     | 0.42    | 0.51     | 0.42       | 19.06   | ppb   |
| Uranium    | 238-1 | -0.06    | -0.06   | -0.05    | -0.06      |         | ppb   |
| Vanadium   | 51-2  | 0.04     | 0.05    | 0.07     | 0.05       | 30.42   | ppb   |
| Yttrium    | 89-1  |          |         |          |            |         | %     |
| Yttrium    | 89-2  |          |         |          |            |         | %     |
| Zinc       | 66-2  | 37.84    | 38.15   | 41.26    | 39.09      | 4.83    | ppb   |
| Zirconium  | 90-1  | 0.02     | 0.03    | 0.02     | 0.02       | 22.27   | ppb   |

|                         |                      |                   |                     |
|-------------------------|----------------------|-------------------|---------------------|
| LB Number :             | LB88853              | Operator :        | Jaswal              |
| Lab Sample ID :         | I4279-24             | Instrumnet Name : | P7                  |
| Client Sample ID :      | DC3126-63-FL5-BRT-W1 | Dilution Factor : | 1                   |
| Date & Time Acquired :: | 2017-07-20 00:31:47  | DataFile Name :   | 193SMPL_P7071917 -M |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|-----------|------|---------|---------|---------|------------|---------|-------|
| Zirconium | 91-1 | 0.06    | 0.05    | 0.04    | 0.05       | 14.62   | ppb   |

LB Number : LB88853 Operator : Jaswal  
 Lab Sample ID : I4279-25 Instrumnet Name : P7  
 Client Sample ID : DC3126-64-FL5-BR537B Dilution Factor : 1  
 Date & Time Acquired :: 2017-07-20 00:35:19 DataFile Name : 194SMPL\_P7071917 -M

| Parameter  | Mass  | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|------------|-------|---------|---------|---------|------------|---------|-------|
| Aluminium  | 27-2  | 15.35   | 25.70   | 19.67   | 20.24      | 25.70   | ppb   |
| Antimony   | 121-1 | 0.04    | 0.04    | 0.05    | 0.04       | 7.75    | ppb   |
| Arsenic    | 75-2  | 0.23    | 0.39    | 0.21    | 0.28       | 36.57   | ppb   |
| Barium     | 135-1 | 16.35   | 16.04   | 16.76   | 16.38      | 2.21    | ppb   |
| Barium     | 137-1 | 16.23   | 16.36   | 16.40   | 16.33      | 0.54    | ppb   |
| Beryllium  | 9-1   | -0.13   | -0.06   | -0.12   | -0.11      |         | ppb   |
| Bismuth    | 209-1 |         |         |         |            |         | %     |
| Bismuth    | 209-2 |         |         |         |            |         | %     |
| Boron      | 10-1  | 5.24    | 4.40    | 4.51    | 4.72       | 9.62    | ppb   |
| Boron      | 11-1  | 3.41    | 3.57    | 3.67    | 3.55       | 3.69    | ppb   |
| Cadmium    | 111-1 | -0.25   | -0.40   | -0.33   | -0.33      |         | ppb   |
| Cadmium    | 106-1 | -3.31   | -5.20   | -4.13   | -4.21      |         | ppb   |
| Cadmium    | 108-1 | 0.04    | 0.00    | 0.04    | 0.03       | 82.58   | ppb   |
| Calcium    | 43-1  | 5217.39 | 5205.44 | 5090.58 | 5171.14    | 1.35    | ppb   |
| Calcium    | 44-1  | 5174.43 | 5151.19 | 5204.76 | 5176.79    | 0.52    | ppb   |
| Chromium   | 52-2  | 0.03    | 0.02    | -0.01   | 0.01       | 184.75  | ppb   |
| Cobalt     | 59-2  | -0.05   | -0.07   | -0.07   | -0.06      |         | ppb   |
| Copper     | 63-2  | 125.76  | 123.53  | 124.61  | 124.64     | 0.89    | 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  | 42.34   | 41.85   | 45.16   | 43.12      | 4.14    | ppb   |
| Iron       | 57-2  | 49.90   | 45.82   | 44.26   | 46.66      | 6.24    | ppb   |
| Lead       | 206-1 | 1.27    | 1.28    | 1.37    | 1.31       | 4.01    | ppb   |
| Lead       | 207-1 | 1.30    | 1.16    | 1.13    | 1.20       | 7.62    | ppb   |
| Lead       | 208-1 | 1.30    | 1.22    | 1.26    | 1.26       | 2.84    | ppb   |
| Lithium    | 6-1   |         |         |         |            |         | %     |
| Magnesium  | 24-2  | 1155.41 | 1131.83 | 1151.61 | 1146.28    | 1.10    | ppb   |
| Manganese  | 55-2  | 18.43   | 17.53   | 17.63   | 17.86      | 2.77    | ppb   |

|                         |                      |                   |                     |
|-------------------------|----------------------|-------------------|---------------------|
| LB Number :             | LB88853              | Operator :        | Jaswal              |
| Lab Sample ID :         | I4279-25             | Instrumnet Name : | P7                  |
| Client Sample ID :      | DC3126-64-FL5-BR537B | Dilution Factor : | 1                   |
| Date & Time Acquired :: | 2017-07-20 00:35:19  | DataFile Name :   | 194SMPL_P7071917 -M |

| Parameter  | Mass  | ConRep1  | ConRep2  | ConRep3  | Avg. Conc. | ConcRSD | Units |
|------------|-------|----------|----------|----------|------------|---------|-------|
| Molybdenum | 94-1  | 0.02     | 0.02     | -0.01    | 0.01       | 148.22  | ppb   |
| Molybdenum | 95-1  | -0.02    | -0.03    | -0.02    | -0.02      |         | ppb   |
| Molybdenum | 96-1  | 0.00     | 0.02     | 0.01     | 0.01       | 153.36  | ppb   |
| Molybdenum | 97-1  | 0.00     | 0.00     | 0.01     | 0.00       | 203.57  | ppb   |
| Molybdenum | 98-1  | -0.01    | 0.00     | -0.01    | -0.01      |         | ppb   |
| Neodymium  | 150-1 |          |          |          |            |         | cps   |
| Neodymium  | 150-2 |          |          |          |            |         | cps   |
| Nickel     | 60-2  | 1.52     | 1.34     | 1.56     | 1.48       | 7.78    | ppb   |
| Phosphorus | 31-2  | 640.88   | 622.03   | 563.24   | 608.72     | 6.65    | ppb   |
| Potassium  | 39-2  | 545.94   | 525.35   | 536.76   | 536.02     | 1.92    | ppb   |
| Rhodium    | 103-1 |          |          |          |            |         | %     |
| Rhodium    | 103-2 |          |          |          |            |         | %     |
| Scandium   | 45-1  |          |          |          |            |         | %     |
| Scandium   | 45-2  |          |          |          |            |         | %     |
| Selenium   | 77-2  | 0.00     | 0.00     | 0.00     | 0.00       | N/A     | ppb   |
| Selenium   | 78-2  | -0.04    | -0.74    | -0.69    | -0.49      |         | ppb   |
| Selenium   | 82-1  | 0.46     | 0.60     | 0.86     | 0.64       | 31.32   | ppb   |
| Silicon    | 28-1  | 897.03   | 885.01   | 899.49   | 893.84     | 0.87    | ppb   |
| Silver     | 109-1 | 0.04     | 0.02     | 0.02     | 0.02       | 51.74   | ppb   |
| Silver     | 107-1 | 0.03     | 0.02     | 0.03     | 0.03       | 25.57   | ppb   |
| Sodium     | 23-2  | 10359.82 | 10138.25 | 10244.42 | 10247.50   | 1.08    | ppb   |
| Strontium  | 86-1  | 18.63    | 17.91    | 18.30    | 18.28      | 1.98    | ppb   |
| Strontium  | 88-1  | 18.52    | 18.14    | 18.55    | 18.41      | 1.24    | ppb   |
| Sulfur     | 34-1  | 2418.65  | 2363.44  | 2474.42  | 2418.84    | 2.29    | ppb   |
| Terbium    | 159-1 |          |          |          |            |         | %     |
| Terbium    | 159-2 |          |          |          |            |         | %     |
| Thallium   | 203-1 | -0.04    | -0.04    | -0.03    | -0.04      |         | ppb   |
| Thallium   | 205-1 | -0.03    | -0.03    | -0.03    | -0.03      |         | ppb   |
| Tin        | 118-1 | -0.09    | -0.09    | -0.09    | -0.09      |         | ppb   |
| Titanium   | 47-1  | 1.11     | 0.56     | 0.42     | 0.70       | 52.25   | ppb   |
| Uranium    | 238-1 | -0.06    | -0.05    | -0.05    | -0.05      |         | ppb   |
| Vanadium   | 51-2  | 0.01     | 0.04     | 0.05     | 0.03       | 77.29   | ppb   |
| Yttrium    | 89-1  |          |          |          |            |         | %     |
| Yttrium    | 89-2  |          |          |          |            |         | %     |
| Zinc       | 66-2  | 125.99   | 124.34   | 127.21   | 125.85     | 1.14    | ppb   |
| Zirconium  | 90-1  | 0.03     | 0.02     | 0.02     | 0.02       | 28.59   | ppb   |

|                         |                      |                   |                     |
|-------------------------|----------------------|-------------------|---------------------|
| LB Number :             | LB88853              | Operator :        | Jaswal              |
| Lab Sample ID :         | I4279-25             | Instrumnet Name : | P7                  |
| Client Sample ID :      | DC3126-64-FL5-BR537B | Dilution Factor : | 1                   |
| Date & Time Acquired :: | 2017-07-20 00:35:19  | DataFile Name :   | 194SMPL_P7071917 -M |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|-----------|------|---------|---------|---------|------------|---------|-------|
| Zirconium | 91-1 | 0.02    | 0.03    | 0.04    | 0.03       | 32.02   | ppb   |



LB Number : LB88853 Operator : Jaswal  
 Lab Sample ID : I4279-26 Instrumnet Name : P7  
 Client Sample ID : DC3126-65-FL5-BR537B Dilution Factor : 1  
 Date & Time Acquired :: 2017-07-20 00:38:51 DataFile Name : 195SMPL\_P7071917 -M8

| Parameter  | Mass  | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|------------|-------|---------|---------|---------|------------|---------|-------|
| Aluminium  | 27-2  | 17.92   | 19.42   | 19.10   | 18.82      | 4.20    | ppb   |
| Antimony   | 121-1 | 0.06    | 0.07    | 0.06    | 0.06       | 8.26    | ppb   |
| Arsenic    | 75-2  | 0.11    | 0.23    | 0.29    | 0.21       | 42.62   | ppb   |
| Barium     | 135-1 | 15.94   | 15.67   | 15.65   | 15.75      | 1.02    | ppb   |
| Barium     | 137-1 | 15.74   | 16.10   | 15.92   | 15.92      | 1.14    | ppb   |
| Beryllium  | 9-1   | -0.11   | -0.10   | -0.06   | -0.09      |         | ppb   |
| Bismuth    | 209-1 |         |         |         |            |         | %     |
| Bismuth    | 209-2 |         |         |         |            |         | %     |
| Boron      | 10-1  | 6.60    | 5.39    | 3.74    | 5.24       | 27.35   | ppb   |
| Boron      | 11-1  | 4.94    | 5.61    | 5.97    | 5.51       | 9.44    | ppb   |
| Cadmium    | 111-1 | -0.38   | -0.31   | -0.49   | -0.39      |         | ppb   |
| Cadmium    | 106-1 | -4.95   | -4.06   | -6.41   | -5.14      |         | ppb   |
| Cadmium    | 108-1 | 0.00    | -0.08   | 0.04    | -0.01      |         | ppb   |
| Calcium    | 43-1  | 5397.16 | 5323.72 | 5194.42 | 5305.10    | 1.93    | ppb   |
| Calcium    | 44-1  | 5356.32 | 5165.10 | 5135.63 | 5219.02    | 2.30    | ppb   |
| Chromium   | 52-2  | 0.03    | -0.01   | 0.03    | 0.02       | 150.75  | ppb   |
| Cobalt     | 59-2  | 0.08    | 0.09    | 0.05    | 0.07       | 24.59   | ppb   |
| Copper     | 63-2  | 386.37  | 381.20  | 381.69  | 383.08     | 0.75    | ppb   |
| Dysprosium | 156-1 |         |         |         |            |         | 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  | 81.06   | 83.62   | 79.55   | 81.41      | 2.53    | ppb   |
| Iron       | 57-2  | 94.04   | 80.83   | 87.12   | 87.33      | 7.57    | ppb   |
| Lead       | 206-1 | 1.11    | 0.98    | 1.16    | 1.08       | 8.60    | ppb   |
| Lead       | 207-1 | 1.00    | 1.00    | 0.95    | 0.98       | 2.75    | ppb   |
| Lead       | 208-1 | 1.06    | 1.00    | 1.02    | 1.03       | 2.81    | ppb   |
| Lithium    | 6-1   |         |         |         |            |         | %     |
| Magnesium  | 24-2  | 1212.07 | 1220.05 | 1213.52 | 1215.21    | 0.35    | ppb   |
| Manganese  | 55-2  | 17.00   | 16.04   | 16.45   | 16.50      | 2.90    | ppb   |

|                         |                      |                   |                     |
|-------------------------|----------------------|-------------------|---------------------|
| LB Number :             | LB88853              | Operator :        | Jaswal              |
| Lab Sample ID :         | I4279-26             | Instrumnet Name : | P7                  |
| Client Sample ID :      | DC3126-65-FL5-BR537B | Dilution Factor : | 1                   |
| Date & Time Acquired :: | 2017-07-20 00:38:51  | DataFile Name :   | 195SMPL_P7071917 -M |

| Parameter  | Mass  | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|------------|-------|---------|---------|---------|------------|---------|-------|
| Molybdenum | 94-1  | 0.03    | 0.03    | 0.00    | 0.02       | 89.51   | ppb   |
| Molybdenum | 95-1  | -0.03   | -0.02   | -0.02   | -0.02      |         | ppb   |
| Molybdenum | 96-1  | 0.01    | -0.01   | -0.01   | 0.00       |         | ppb   |
| Molybdenum | 97-1  | -0.01   | 0.00    | 0.00    | -0.01      |         | ppb   |
| Molybdenum | 98-1  | -0.03   | -0.01   | -0.01   | -0.02      |         | ppb   |
| Neodymium  | 150-1 |         |         |         |            |         | cps   |
| Neodymium  | 150-2 |         |         |         |            |         | cps   |
| Nickel     | 60-2  | 1.16    | 1.13    | 1.11    | 1.13       | 2.04    | ppb   |
| Phosphorus | 31-2  | 670.97  | 574.64  | 581.67  | 609.09     | 8.82    | ppb   |
| Potassium  | 39-2  | 533.61  | 531.33  | 521.53  | 528.82     | 1.21    | ppb   |
| Rhodium    | 103-1 |         |         |         |            |         | %     |
| Rhodium    | 103-2 |         |         |         |            |         | %     |
| Scandium   | 45-1  |         |         |         |            |         | %     |
| Scandium   | 45-2  |         |         |         |            |         | %     |
| Selenium   | 77-2  | 0.00    | 0.00    | 0.00    | 0.00       | N/A     | ppb   |
| Selenium   | 78-2  | 1.18    | 0.37    | -1.87   | -0.11      |         | ppb   |
| Selenium   | 82-1  | 0.53    | 0.20    | 0.19    | 0.30       | 63.90   | ppb   |
| Silicon    | 28-1  | 1032.30 | 1003.71 | 997.78  | 1011.27    | 1.83    | ppb   |
| Silver     | 109-1 | 0.05    | 0.05    | 0.04    | 0.05       | 11.95   | ppb   |
| Silver     | 107-1 | 0.04    | 0.03    | 0.04    | 0.04       | 12.70   | ppb   |
| Sodium     | 23-2  | 9931.04 | 9874.51 | 9850.68 | 9885.41    | 0.42    | ppb   |
| Strontium  | 86-1  | 17.97   | 18.32   | 17.84   | 18.05      | 1.37    | ppb   |
| Strontium  | 88-1  | 18.70   | 18.43   | 18.26   | 18.46      | 1.21    | ppb   |
| Sulfur     | 34-1  | 2720.39 | 2479.80 | 2493.26 | 2564.48    | 5.27    | ppb   |
| Terbium    | 159-1 |         |         |         |            |         | %     |
| Terbium    | 159-2 |         |         |         |            |         | %     |
| Thallium   | 203-1 | -0.04   | -0.03   | -0.05   | -0.04      |         | ppb   |
| Thallium   | 205-1 | -0.03   | -0.03   | -0.03   | -0.03      |         | ppb   |
| Tin        | 118-1 | 0.09    | 0.08    | 0.09    | 0.09       | 3.98    | ppb   |
| Titanium   | 47-1  | 0.53    | 0.50    | 0.54    | 0.52       | 4.13    | ppb   |
| Uranium    | 238-1 | -0.05   | -0.05   | -0.05   | -0.05      |         | ppb   |
| Vanadium   | 51-2  | 0.05    | 0.04    | 0.06    | 0.05       | 16.95   | ppb   |
| Yttrium    | 89-1  |         |         |         |            |         | %     |
| Yttrium    | 89-2  |         |         |         |            |         | %     |
| Zinc       | 66-2  | 164.63  | 161.68  | 162.05  | 162.79     | 0.99    | ppb   |
| Zirconium  | 90-1  | 0.02    | 0.02    | 0.02    | 0.02       | 20.48   | ppb   |

|                         |                      |                   |                     |
|-------------------------|----------------------|-------------------|---------------------|
| LB Number :             | LB88853              | Operator :        | Jaswal              |
| Lab Sample ID :         | I4279-26             | Instrumnet Name : | P7                  |
| Client Sample ID :      | DC3126-65-FL5-BR537B | Dilution Factor : | 1                   |
| Date & Time Acquired :: | 2017-07-20 00:38:51  | DataFile Name :   | 195SMPL_P7071917 -M |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|-----------|------|---------|---------|---------|------------|---------|-------|
| Zirconium | 91-1 | 0.02    | 0.00    | 0.01    | 0.01       | 102.41  | ppb   |

LB Number : LB88853 Operator : Jaswal  
 Lab Sample ID : I4279-27 Instrumnet Name : P7  
 Client Sample ID : DC3126-66-FL5-CL536B Dilution Factor : 1  
 Date & Time Acquired :: 2017-07-20 00:42:23 DataFile Name : 196SMPL\_P7071917 -M8

| Parameter  | Mass  | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|------------|-------|---------|---------|---------|------------|---------|-------|
| Aluminium  | 27-2  | 0.58    | 0.45    | 0.44    | 0.49       | 15.45   | ppb   |
| Antimony   | 121-1 | 0.00    | 0.01    | 0.00    | 0.00       | 351.52  | ppb   |
| Arsenic    | 75-2  | -0.04   | -0.03   | -0.03   | -0.03      |         | ppb   |
| Barium     | 135-1 | -0.01   | -0.04   | -0.04   | -0.03      |         | ppb   |
| Barium     | 137-1 | 0.01    | 0.00    | 0.00    | 0.00       | 169.66  | ppb   |
| Beryllium  | 9-1   | -0.10   | -0.06   | -0.12   | -0.09      |         | ppb   |
| Bismuth    | 209-1 |         |         |         |            |         | %     |
| Bismuth    | 209-2 |         |         |         |            |         | %     |
| Boron      | 10-1  | 3.93    | 4.76    | 2.72    | 3.80       | 26.93   | ppb   |
| Boron      | 11-1  | 3.76    | 3.34    | 4.08    | 3.72       | 10.02   | ppb   |
| Cadmium    | 111-1 | -0.32   | -0.42   | -0.33   | -0.36      |         | ppb   |
| Cadmium    | 106-1 | -3.79   | -5.15   | -4.00   | -4.31      |         | ppb   |
| Cadmium    | 108-1 | -0.04   | -0.11   | -0.08   | -0.08      |         | ppb   |
| Calcium    | 43-1  | 7904.96 | 7939.10 | 7848.36 | 7897.47    | 0.58    | ppb   |
| Calcium    | 44-1  | 7856.36 | 7890.89 | 7780.14 | 7842.46    | 0.72    | ppb   |
| Chromium   | 52-2  | 0.01    | 0.03    | 0.06    | 0.03       | 70.90   | ppb   |
| Cobalt     | 59-2  | -0.08   | -0.09   | -0.08   | -0.08      |         | ppb   |
| Copper     | 63-2  | -0.13   | -0.08   | -0.04   | -0.08      |         | 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  | -0.04   | 0.44    | 0.11    | 0.17       | 145.59  | ppb   |
| Iron       | 57-2  | 7.97    | 8.11    | 7.04    | 7.71       | 7.51    | ppb   |
| Lead       | 206-1 | -0.06   | -0.06   | -0.06   | -0.06      |         | ppb   |
| Lead       | 207-1 | -0.04   | -0.04   | -0.05   | -0.04      |         | ppb   |
| Lead       | 208-1 | -0.05   | -0.05   | -0.05   | -0.05      |         | ppb   |
| Lithium    | 6-1   |         |         |         |            |         | %     |
| Magnesium  | 24-2  | 3008.03 | 3277.68 | 3199.04 | 3161.58    | 4.39    | ppb   |
| Manganese  | 55-2  | -0.09   | -0.13   | -0.07   | -0.10      |         | ppb   |

|                         |                      |                   |                     |
|-------------------------|----------------------|-------------------|---------------------|
| LB Number :             | LB88853              | Operator :        | Jaswal              |
| Lab Sample ID :         | I4279-27             | Instrumnet Name : | P7                  |
| Client Sample ID :      | DC3126-66-FL5-CL536B | Dilution Factor : | 1                   |
| Date & Time Acquired :: | 2017-07-20 00:42:23  | DataFile Name :   | 196SMPL_P7071917 -M |

| Parameter  | Mass  | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|------------|-------|---------|---------|---------|------------|---------|-------|
| Molybdenum | 94-1  | -0.01   | -0.01   | -0.02   | -0.01      |         | ppb   |
| Molybdenum | 95-1  | -0.05   | -0.05   | -0.05   | -0.05      |         | ppb   |
| Molybdenum | 96-1  | -0.04   | -0.04   | -0.03   | -0.04      |         | ppb   |
| Molybdenum | 97-1  | -0.02   | -0.03   | -0.01   | -0.02      |         | ppb   |
| Molybdenum | 98-1  | -0.05   | -0.04   | -0.04   | -0.04      |         | ppb   |
| Neodymium  | 150-1 |         |         |         |            |         | cps   |
| Neodymium  | 150-2 |         |         |         |            |         | cps   |
| Nickel     | 60-2  | -0.44   | -0.35   | -0.46   | -0.42      |         | ppb   |
| Phosphorus | 31-2  | -23.43  | -9.90   | 1.59    | -10.58     |         | ppb   |
| Potassium  | 39-2  | 32.16   | 55.48   | 47.88   | 45.17      | 26.33   | ppb   |
| Rhodium    | 103-1 |         |         |         |            |         | %     |
| Rhodium    | 103-2 |         |         |         |            |         | %     |
| Scandium   | 45-1  |         |         |         |            |         | %     |
| Scandium   | 45-2  |         |         |         |            |         | %     |
| Selenium   | 77-2  | 0.00    | 0.00    | 0.96    | 0.32       | 173.21  | ppb   |
| Selenium   | 78-2  | -1.03   | -0.55   | -0.60   | -0.73      |         | ppb   |
| Selenium   | 82-1  | -0.79   | 0.90    | 1.33    | 0.48       | 232.30  | ppb   |
| Silicon    | 28-1  | 11.39   | 10.80   | 9.82    | 10.67      | 7.41    | ppb   |
| Silver     | 109-1 | 0.00    | 0.00    | 0.00    | 0.00       | 455.16  | ppb   |
| Silver     | 107-1 | 0.00    | 0.01    | 0.01    | 0.00       | 135.16  | ppb   |
| Sodium     | 23-2  | 6366.92 | 6868.01 | 6736.43 | 6657.12    | 3.90    | ppb   |
| Strontium  | 86-1  | 0.92    | 0.89    | 0.97    | 0.93       | 4.31    | ppb   |
| Strontium  | 88-1  | 0.93    | 0.91    | 0.92    | 0.92       | 0.89    | ppb   |
| Sulfur     | 34-1  | 5669.27 | 5800.82 | 5697.15 | 5722.41    | 1.21    | ppb   |
| Terbium    | 159-1 |         |         |         |            |         | %     |
| Terbium    | 159-2 |         |         |         |            |         | %     |
| Thallium   | 203-1 | -0.04   | -0.03   | -0.04   | -0.04      |         | ppb   |
| Thallium   | 205-1 | -0.03   | -0.03   | -0.03   | -0.03      |         | ppb   |
| Tin        | 118-1 | -0.11   | -0.09   | -0.11   | -0.11      |         | ppb   |
| Titanium   | 47-1  | -0.02   | 0.03    | -0.01   | 0.00       | 838.34  | ppb   |
| Uranium    | 238-1 | -0.07   | -0.07   | -0.07   | -0.07      |         | ppb   |
| Vanadium   | 51-2  | -0.02   | -0.01   | -0.01   | -0.02      |         | ppb   |
| Yttrium    | 89-1  |         |         |         |            |         | %     |
| Yttrium    | 89-2  |         |         |         |            |         | %     |
| Zinc       | 66-2  | 0.10    | 0.23    | 0.45    | 0.26       | 67.60   | ppb   |
| Zirconium  | 90-1  | -0.01   | -0.02   | -0.02   | -0.02      |         | ppb   |

|                         |                      |                   |                     |
|-------------------------|----------------------|-------------------|---------------------|
| LB Number :             | LB88853              | Operator :        | Jaswal              |
| Lab Sample ID :         | I4279-27             | Instrumnet Name : | P7                  |
| Client Sample ID :      | DC3126-66-FL5-CL536B | Dilution Factor : | 1                   |
| Date & Time Acquired :: | 2017-07-20 00:42:23  | DataFile Name :   | 196SMPL_P7071917 -M |

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

LB Number : LB88853 Operator : Jaswal  
 Lab Sample ID : I4279-28 Instrumnet Name : P7  
 Client Sample ID : DC3126-67-FL5-CL536B Dilution Factor : 1  
 Date & Time Acquired :: 2017-07-20 00:45:55 DataFile Name : 197SMPL\_P7071917 -M

| Parameter  | Mass  | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|------------|-------|---------|---------|---------|------------|---------|-------|
| Aluminium  | 27-2  | 1.09    | 1.15    | 1.31    | 1.18       | 9.59    | ppb   |
| Antimony   | 121-1 | 0.00    | 0.00    | 0.00    | 0.00       |         | ppb   |
| Arsenic    | 75-2  | -0.05   | -0.06   | -0.04   | -0.05      |         | ppb   |
| Barium     | 135-1 | -0.04   | -0.01   | -0.02   | -0.02      |         | ppb   |
| Barium     | 137-1 | 0.04    | 0.00    | -0.01   | 0.01       | 337.64  | ppb   |
| Beryllium  | 9-1   | -0.09   | -0.09   | -0.09   | -0.09      |         | ppb   |
| Bismuth    | 209-1 |         |         |         |            |         | %     |
| Bismuth    | 209-2 |         |         |         |            |         | %     |
| Boron      | 10-1  | 2.63    | 4.06    | 4.91    | 3.87       | 29.81   | ppb   |
| Boron      | 11-1  | 3.06    | 3.87    | 3.61    | 3.51       | 11.73   | ppb   |
| Cadmium    | 111-1 | -0.36   | -0.44   | -0.40   | -0.40      |         | ppb   |
| Cadmium    | 106-1 | -4.45   | -5.35   | -4.87   | -4.89      |         | ppb   |
| Cadmium    | 108-1 | -0.11   | 0.01    | -0.11   | -0.07      |         | ppb   |
| Calcium    | 43-1  | 7648.11 | 7791.26 | 7819.10 | 7752.82    | 1.18    | ppb   |
| Calcium    | 44-1  | 7701.32 | 7803.33 | 7803.36 | 7769.34    | 0.76    | ppb   |
| Chromium   | 52-2  | 0.04    | 0.04    | 0.04    | 0.04       | 5.65    | ppb   |
| Cobalt     | 59-2  | -0.09   | -0.07   | -0.09   | -0.08      |         | ppb   |
| Copper     | 63-2  | -0.12   | -0.11   | -0.14   | -0.12      |         | ppb   |
| Dysprosium | 156-1 |         |         |         |            |         | cps   |
| Dysprosium | 156-2 |         |         |         |            |         | cps   |
| Erbium     | 164-1 |         |         |         |            |         | cps   |
| Erbium     | 164-2 |         |         |         |            |         | cps   |
| Gadolinium | 160-1 |         |         |         |            |         | cps   |
| Gadolinium | 160-2 |         |         |         |            |         | cps   |
| Holmium    | 165-1 |         |         |         |            |         | %     |
| Holmium    | 165-2 |         |         |         |            |         | %     |
| Indium     | 115-1 |         |         |         |            |         | %     |
| Indium     | 115-2 |         |         |         |            |         | %     |
| Iron       | 56-2  | 6.55    | 7.00    | 6.67    | 6.74       | 3.42    | ppb   |
| Iron       | 57-2  | 16.22   | 14.70   | 12.51   | 14.48      | 12.89   | ppb   |
| Lead       | 206-1 | -0.07   | -0.07   | -0.06   | -0.07      |         | ppb   |
| Lead       | 207-1 | -0.05   | -0.03   | -0.04   | -0.04      |         | ppb   |
| Lead       | 208-1 | -0.05   | -0.05   | -0.05   | -0.05      |         | ppb   |
| Lithium    | 6-1   |         |         |         |            |         | %     |
| Magnesium  | 24-2  | 3141.91 | 3284.88 | 3176.80 | 3201.20    | 2.33    | ppb   |
| Manganese  | 55-2  | 0.02    | 0.01    | -0.06   | -0.01      |         | ppb   |

|                         |                      |                   |                     |
|-------------------------|----------------------|-------------------|---------------------|
| LB Number :             | LB88853              | Operator :        | Jaswal              |
| Lab Sample ID :         | I4279-28             | Instrumnet Name : | P7                  |
| Client Sample ID :      | DC3126-67-FL5-CL536B | Dilution Factor : | 1                   |
| Date & Time Acquired :: | 2017-07-20 00:45:55  | DataFile Name :   | 197SMPL_P7071917 -M |

| Parameter  | Mass  | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|------------|-------|---------|---------|---------|------------|---------|-------|
| Molybdenum | 94-1  | -0.01   | 0.00    | -0.01   | -0.01      |         | ppb   |
| Molybdenum | 95-1  | -0.06   | -0.06   | -0.05   | -0.06      |         | ppb   |
| Molybdenum | 96-1  | -0.04   | -0.04   | -0.04   | -0.04      |         | ppb   |
| Molybdenum | 97-1  | -0.03   | -0.02   | -0.02   | -0.03      |         | ppb   |
| Molybdenum | 98-1  | -0.05   | -0.04   | -0.04   | -0.04      |         | ppb   |
| Neodymium  | 150-1 |         |         |         |            |         | cps   |
| Neodymium  | 150-2 |         |         |         |            |         | cps   |
| Nickel     | 60-2  | -0.37   | -0.38   | -0.47   | -0.41      |         | ppb   |
| Phosphorus | 31-2  | -18.10  | -0.66   | -1.95   | -6.90      |         | ppb   |
| Potassium  | 39-2  | 54.80   | 60.02   | 60.37   | 58.40      | 5.34    | ppb   |
| Rhodium    | 103-1 |         |         |         |            |         | %     |
| Rhodium    | 103-2 |         |         |         |            |         | %     |
| Scandium   | 45-1  |         |         |         |            |         | %     |
| Scandium   | 45-2  |         |         |         |            |         | %     |
| Selenium   | 77-2  | 0.00    | 1.00    | 0.00    | 0.33       | 173.21  | ppb   |
| Selenium   | 78-2  | -0.68   | -1.44   | 0.41    | -0.57      |         | ppb   |
| Selenium   | 82-1  | 0.93    | 0.79    | 0.73    | 0.82       | 12.52   | ppb   |
| Silicon    | 28-1  | 12.19   | 14.86   | 13.55   | 13.53      | 9.85    | ppb   |
| Silver     | 109-1 | 0.00    | 0.00    | 0.01    | 0.00       | 87.99   | ppb   |
| Silver     | 107-1 | 0.00    | 0.00    | 0.01    | 0.00       | 175.18  | ppb   |
| Sodium     | 23-2  | 6582.78 | 6830.22 | 6626.38 | 6679.79    | 1.98    | ppb   |
| Strontium  | 86-1  | 1.00    | 1.11    | 1.02    | 1.04       | 5.72    | ppb   |
| Strontium  | 88-1  | 0.97    | 0.90    | 0.94    | 0.94       | 3.95    | ppb   |
| Sulfur     | 34-1  | 5703.43 | 6051.36 | 5899.76 | 5884.85    | 2.96    | ppb   |
| Terbium    | 159-1 |         |         |         |            |         | %     |
| Terbium    | 159-2 |         |         |         |            |         | %     |
| Thallium   | 203-1 | -0.04   | -0.04   | -0.05   | -0.04      |         | ppb   |
| Thallium   | 205-1 | -0.03   | -0.03   | -0.03   | -0.03      |         | ppb   |
| Tin        | 118-1 | -0.09   | -0.10   | -0.11   | -0.10      |         | ppb   |
| Titanium   | 47-1  | 0.07    | -0.03   | -0.03   | 0.00       | 1356.95 | ppb   |
| Uranium    | 238-1 | -0.07   | -0.07   | -0.07   | -0.07      |         | ppb   |
| Vanadium   | 51-2  | -0.03   | -0.02   | -0.02   | -0.02      |         | ppb   |
| Yttrium    | 89-1  |         |         |         |            |         | %     |
| Yttrium    | 89-2  |         |         |         |            |         | %     |
| Zinc       | 66-2  | 0.35    | 0.20    | 0.43    | 0.33       | 35.18   | ppb   |
| Zirconium  | 90-1  | 0.00    | 0.00    | -0.01   | 0.00       |         | ppb   |



|                         |                      |                   |                     |
|-------------------------|----------------------|-------------------|---------------------|
| LB Number :             | LB88853              | Operator :        | Jaswal              |
| Lab Sample ID :         | I4279-28             | Instrumnet Name : | P7                  |
| Client Sample ID :      | DC3126-67-FL5-CL536B | Dilution Factor : | 1                   |
| Date & Time Acquired :: | 2017-07-20 00:45:55  | DataFile Name :   | 197SMPL_P7071917 -M |

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

LB Number : LB88853 Operator : Jaswal  
 Lab Sample ID : CCV46 Instrumnet Name : P7  
 Client Sample ID : CCV46 Dilution Factor : 1  
 Date & Time Acquired :: 2017-07-20 00:49:28 DataFile Name : 198CCV\_P7071917 -MS.

| Parameter  | Mass  | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|------------|-------|---------|---------|---------|------------|---------|-------|
| Aluminium  | 27-2  | 0.51    | 0.07    | 0.77    | 0.45       | 79.47   | ppb   |
| Antimony   | 121-1 | 0.00    | 0.00    | 0.00    | 0.00       | 4319.18 | ppb   |
| Arsenic    | 75-2  | 0.00    | -0.04   | -0.04   | -0.03      |         | ppb   |
| Barium     | 135-1 | -0.05   | -0.09   | -0.09   | -0.08      |         | ppb   |
| Barium     | 137-1 | -0.06   | -0.06   | -0.06   | -0.06      |         | ppb   |
| Beryllium  | 9-1   | -0.10   | -0.06   | -0.06   | -0.07      |         | ppb   |
| Bismuth    | 209-1 |         |         |         |            |         | %     |
| Bismuth    | 209-2 |         |         |         |            |         | %     |
| Boron      | 10-1  | 0.59    | 0.96    | 0.45    | 0.67       | 39.41   | ppb   |
| Boron      | 11-1  | 0.75    | 0.79    | 0.98    | 0.84       | 14.47   | ppb   |
| Cadmium    | 111-1 | -0.37   | -0.41   | -0.40   | -0.40      |         | ppb   |
| Cadmium    | 106-1 | -4.51   | -5.07   | -4.96   | -4.85      |         | ppb   |
| Cadmium    | 108-1 | -0.03   | -0.07   | -0.07   | -0.06      |         | ppb   |
| Calcium    | 43-1  | 8.59    | 9.15    | 6.35    | 8.03       | 18.48   | ppb   |
| Calcium    | 44-1  | 1.41    | 1.29    | 1.19    | 1.30       | 8.50    | ppb   |
| Chromium   | 52-2  | 0.06    | 0.01    | -0.03   | 0.01       | 378.05  | ppb   |
| Cobalt     | 59-2  | -0.08   | -0.07   | -0.07   | -0.07      |         | ppb   |
| Copper     | 63-2  | -0.07   | -0.04   | -0.07   | -0.06      |         | ppb   |
| Dysprosium | 156-1 |         |         |         |            |         | cps   |
| Dysprosium | 156-2 |         |         |         |            |         | cps   |
| Erbium     | 164-1 |         |         |         |            |         | cps   |
| Erbium     | 164-2 |         |         |         |            |         | cps   |
| Gadolinium | 160-1 |         |         |         |            |         | cps   |
| Gadolinium | 160-2 |         |         |         |            |         | cps   |
| Holmium    | 165-1 |         |         |         |            |         | %     |
| Holmium    | 165-2 |         |         |         |            |         | %     |
| Indium     | 115-1 |         |         |         |            |         | %     |
| Indium     | 115-2 |         |         |         |            |         | %     |
| Iron       | 56-2  | 0.38    | 0.04    | 0.15    | 0.19       | 89.63   | ppb   |
| Iron       | 57-2  | -0.34   | 0.69    | 1.95    | 0.77       | 149.61  | ppb   |
| Lead       | 206-1 | 497.78  | 494.86  | 493.96  | 495.53     | 0.40    | ppb   |
| Lead       | 207-1 | 489.91  | 487.70  | 486.16  | 487.92     | 0.39    | ppb   |
| Lead       | 208-1 | 499.58  | 495.72  | 495.27  | 496.86     | 0.48    | ppb   |
| Lithium    | 6-1   |         |         |         |            |         | %     |
| Magnesium  | 24-2  | 0.33    | 0.31    | 1.55    | 0.73       | 97.48   | ppb   |
| Manganese  | 55-2  | -0.04   | -0.06   | -0.12   | -0.07      |         | ppb   |

|                         |                     |                   |                      |
|-------------------------|---------------------|-------------------|----------------------|
| LB Number :             | LB88853             | Operator :        | Jaswal               |
| Lab Sample ID :         | CCV46               | Instrumnet Name : | P7                   |
| Client Sample ID :      | CCV46               | Dilution Factor : | 1                    |
| Date & Time Acquired :: | 2017-07-20 00:49:28 | DataFile Name :   | 198CCV_P7071917 -MS. |

| Parameter  | Mass  | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|------------|-------|---------|---------|---------|------------|---------|-------|
| Molybdenum | 94-1  | -0.01   | -0.02   | -0.01   | -0.01      |         | ppb   |
| Molybdenum | 95-1  | -0.05   | -0.06   | -0.06   | -0.06      |         | ppb   |
| Molybdenum | 96-1  | -0.03   | -0.04   | -0.04   | -0.03      |         | ppb   |
| Molybdenum | 97-1  | -0.01   | -0.03   | -0.02   | -0.02      |         | ppb   |
| Molybdenum | 98-1  | -0.04   | -0.04   | -0.05   | -0.04      |         | ppb   |
| Neodymium  | 150-1 |         |         |         |            |         | cps   |
| Neodymium  | 150-2 |         |         |         |            |         | cps   |
| Nickel     | 60-2  | -0.52   | -0.51   | -0.48   | -0.50      |         | ppb   |
| Phosphorus | 31-2  | -20.98  | 17.98   | -29.13  | -10.71     |         | ppb   |
| Potassium  | 39-2  | 44.44   | 50.01   | 53.53   | 49.32      | 9.30    | ppb   |
| Rhodium    | 103-1 |         |         |         |            |         | %     |
| Rhodium    | 103-2 |         |         |         |            |         | %     |
| Scandium   | 45-1  |         |         |         |            |         | %     |
| Scandium   | 45-2  |         |         |         |            |         | %     |
| Selenium   | 77-2  | 0.00    | 0.00    | 0.00    | 0.00       | N/A     | ppb   |
| Selenium   | 78-2  | -0.28   | 0.25    | 0.07    | 0.01       | 2038.60 | ppb   |
| Selenium   | 82-1  | 0.56    | -0.67   | 0.96    | 0.29       | 298.65  | ppb   |
| Silicon    | 28-1  | 17.46   | 16.74   | 15.99   | 16.73      | 4.40    | ppb   |
| Silver     | 109-1 | 0.01    | 0.01    | 0.00    | 0.00       | 93.62   | ppb   |
| Silver     | 107-1 | 0.00    | 0.00    | 0.01    | 0.00       | 169.77  | ppb   |
| Sodium     | 23-2  | 61.48   | 61.83   | 58.04   | 60.45      | 3.47    | ppb   |
| Strontium  | 86-1  | 0.15    | 0.12    | 0.11    | 0.13       | 18.64   | ppb   |
| Strontium  | 88-1  | 0.00    | 0.00    | 0.00    | 0.00       |         | ppb   |
| Sulfur     | 34-1  | 2341.89 | 2418.19 | 2466.09 | 2408.72    | 2.60    | ppb   |
| Terbium    | 159-1 |         |         |         |            |         | %     |
| Terbium    | 159-2 |         |         |         |            |         | %     |
| Thallium   | 203-1 | -0.03   | -0.03   | -0.04   | -0.03      |         | ppb   |
| Thallium   | 205-1 | -0.02   | -0.02   | -0.03   | -0.03      |         | ppb   |
| Tin        | 118-1 | -0.11   | -0.11   | -0.10   | -0.11      |         | ppb   |
| Titanium   | 47-1  | -0.04   | -0.01   | 0.13    | 0.03       | 337.40  | ppb   |
| Uranium    | 238-1 | -0.07   | -0.06   | -0.07   | -0.07      |         | ppb   |
| Vanadium   | 51-2  | -0.03   | -0.03   | -0.03   | -0.03      |         | ppb   |
| Yttrium    | 89-1  |         |         |         |            |         | %     |
| Yttrium    | 89-2  |         |         |         |            |         | %     |
| Zinc       | 66-2  | 0.46    | 0.66    | 0.74    | 0.62       | 22.85   | ppb   |
| Zirconium  | 90-1  | -0.01   | 0.00    | -0.01   | -0.01      |         | ppb   |

|                         |                     |                   |                      |
|-------------------------|---------------------|-------------------|----------------------|
| LB Number :             | LB88853             | Operator :        | Jaswal               |
| Lab Sample ID :         | CCV46               | Instrumnet Name : | P7                   |
| Client Sample ID :      | CCV46               | Dilution Factor : | 1                    |
| Date & Time Acquired :: | 2017-07-20 00:49:28 | DataFile Name :   | 198CCV_P7071917 -MS. |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|-----------|------|---------|---------|---------|------------|---------|-------|
| Zirconium | 91-1 | 0.01    | 0.00    | -0.01   | 0.00       | 563.08  | ppb   |

LB Number : LB88853 Operator : Jaswal  
 Lab Sample ID : CCB46 Instrumnet Name : P7  
 Client Sample ID : CCB46 Dilution Factor : 1  
 Date & Time Acquired :: 2017-07-20 00:53:01 DataFile Name : 199CCBE\_P7071917 -M:

| Parameter  | Mass  | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|------------|-------|---------|---------|---------|------------|---------|-------|
| Aluminium  | 27-2  | 1.69    | 0.28    | 0.35    | 0.77       | 102.81  | ppb   |
| Antimony   | 121-1 | 0.00    | 0.00    | 0.00    | 0.00       | 1382.48 | ppb   |
| Arsenic    | 75-2  | -0.05   | -0.01   | -0.01   | -0.03      |         | ppb   |
| Barium     | 135-1 | -0.10   | -0.09   | -0.10   | -0.10      |         | ppb   |
| Barium     | 137-1 | -0.06   | -0.06   | -0.07   | -0.06      |         | ppb   |
| Beryllium  | 9-1   | -0.11   | -0.12   | -0.10   | -0.11      |         | ppb   |
| Bismuth    | 209-1 |         |         |         |            |         | %     |
| Bismuth    | 209-2 |         |         |         |            |         | %     |
| Boron      | 10-1  | 0.24    | 0.37    | 0.85    | 0.49       | 65.97   | ppb   |
| Boron      | 11-1  | 0.05    | 0.55    | 0.57    | 0.39       | 74.71   | ppb   |
| Cadmium    | 111-1 | -0.44   | -0.30   | -0.30   | -0.35      |         | ppb   |
| Cadmium    | 106-1 | -5.42   | -3.62   | -3.47   | -4.17      |         | ppb   |
| Cadmium    | 108-1 | -0.11   | -0.07   | -0.07   | -0.09      |         | ppb   |
| Calcium    | 43-1  | -0.69   | -0.55   | -2.83   | -1.36      |         | ppb   |
| Calcium    | 44-1  | -4.20   | -3.13   | -3.94   | -3.76      |         | ppb   |
| Chromium   | 52-2  | -0.01   | -0.01   | 0.07    | 0.02       | 246.70  | ppb   |
| Cobalt     | 59-2  | -0.07   | -0.08   | -0.07   | -0.07      |         | ppb   |
| Copper     | 63-2  | -0.08   | -0.04   | -0.06   | -0.06      |         | ppb   |
| Dysprosium | 156-1 |         |         |         |            |         | cps   |
| Dysprosium | 156-2 |         |         |         |            |         | cps   |
| Erbium     | 164-1 |         |         |         |            |         | cps   |
| Erbium     | 164-2 |         |         |         |            |         | cps   |
| Gadolinium | 160-1 |         |         |         |            |         | cps   |
| Gadolinium | 160-2 |         |         |         |            |         | cps   |
| Holmium    | 165-1 |         |         |         |            |         | %     |
| Holmium    | 165-2 |         |         |         |            |         | %     |
| Indium     | 115-1 |         |         |         |            |         | %     |
| Indium     | 115-2 |         |         |         |            |         | %     |
| Iron       | 56-2  | 0.40    | -0.05   | 0.39    | 0.24       | 105.87  | ppb   |
| Iron       | 57-2  | 3.61    | 2.95    | 0.28    | 2.28       | 77.24   | ppb   |
| Lead       | 206-1 | -0.05   | -0.04   | -0.01   | -0.04      |         | ppb   |
| Lead       | 207-1 | -0.01   | 0.01    | -0.03   | -0.01      |         | ppb   |
| Lead       | 208-1 | -0.03   | -0.02   | -0.03   | -0.03      |         | ppb   |
| Lithium    | 6-1   |         |         |         |            |         | %     |
| Magnesium  | 24-2  | 0.50    | -0.85   | -0.50   | -0.28      |         | ppb   |
| Manganese  | 55-2  | -0.02   | -0.15   | -0.09   | -0.09      |         | ppb   |

|                         |                     |                   |                     |
|-------------------------|---------------------|-------------------|---------------------|
| LB Number :             | LB88853             | Operator :        | Jaswal              |
| Lab Sample ID :         | CCB46               | Instrumnet Name : | P7                  |
| Client Sample ID :      | CCB46               | Dilution Factor : | 1                   |
| Date & Time Acquired :: | 2017-07-20 00:53:01 | DataFile Name :   | 199CCBE_P7071917 -M |

| Parameter  | Mass  | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|------------|-------|---------|---------|---------|------------|---------|-------|
| Molybdenum | 94-1  | 0.00    | 0.00    | -0.01   | -0.01      |         | ppb   |
| Molybdenum | 95-1  | -0.06   | -0.06   | -0.06   | -0.06      |         | ppb   |
| Molybdenum | 96-1  | -0.04   | -0.02   | -0.02   | -0.03      |         | ppb   |
| Molybdenum | 97-1  | -0.03   | -0.03   | -0.02   | -0.03      |         | ppb   |
| Molybdenum | 98-1  | -0.04   | -0.05   | -0.05   | -0.05      |         | ppb   |
| Neodymium  | 150-1 |         |         |         |            |         | cps   |
| Neodymium  | 150-2 |         |         |         |            |         | cps   |
| Nickel     | 60-2  | -0.46   | -0.44   | -0.46   | -0.45      |         | ppb   |
| Phosphorus | 31-2  | -11.85  | 4.46    | -10.38  | -5.92      |         | ppb   |
| Potassium  | 39-2  | 47.38   | 35.31   | 49.87   | 44.18      | 17.62   | ppb   |
| Rhodium    | 103-1 |         |         |         |            |         | %     |
| Rhodium    | 103-2 |         |         |         |            |         | %     |
| Scandium   | 45-1  |         |         |         |            |         | %     |
| Scandium   | 45-2  |         |         |         |            |         | %     |
| Selenium   | 77-2  | 0.00    | 0.00    | 0.00    | 0.00       | N/A     | ppb   |
| Selenium   | 78-2  | 0.96    | -0.28   | -1.37   | -0.23      |         | ppb   |
| Selenium   | 82-1  | 0.28    | 0.16    | 0.78    | 0.40       | 81.35   | ppb   |
| Silicon    | 28-1  | 19.00   | 19.36   | 17.90   | 18.75      | 4.06    | ppb   |
| Silver     | 109-1 | 0.00    | 0.00    | 0.01    | 0.00       | 135.96  | ppb   |
| Silver     | 107-1 | 0.01    | 0.00    | 0.01    | 0.01       | 27.98   | ppb   |
| Sodium     | 23-2  | 56.56   | 53.69   | 63.20   | 57.82      | 8.44    | ppb   |
| Strontium  | 86-1  | 0.19    | 0.10    | -0.02   | 0.09       | 120.32  | ppb   |
| Strontium  | 88-1  | 0.00    | 0.00    | 0.00    | 0.00       |         | ppb   |
| Sulfur     | 34-1  | 2832.02 | 2979.97 | 2593.73 | 2801.91    | 6.96    | ppb   |
| Terbium    | 159-1 |         |         |         |            |         | %     |
| Terbium    | 159-2 |         |         |         |            |         | %     |
| Thallium   | 203-1 | -0.04   | -0.02   | -0.03   | -0.03      |         | ppb   |
| Thallium   | 205-1 | -0.02   | -0.02   | -0.02   | -0.02      |         | ppb   |
| Tin        | 118-1 | -0.04   | 0.01    | -0.02   | -0.02      |         | ppb   |
| Titanium   | 47-1  | -0.04   | -0.04   | -0.07   | -0.05      |         | ppb   |
| Uranium    | 238-1 | -0.07   | -0.07   | -0.07   | -0.07      |         | ppb   |
| Vanadium   | 51-2  | -0.03   | -0.02   | -0.03   | -0.03      |         | ppb   |
| Yttrium    | 89-1  |         |         |         |            |         | %     |
| Yttrium    | 89-2  |         |         |         |            |         | %     |
| Zinc       | 66-2  | -0.02   | 0.20    | 0.03    | 0.07       | 163.51  | ppb   |
| Zirconium  | 90-1  | -0.01   | -0.01   | -0.01   | -0.01      |         | ppb   |

|                         |                     |                   |                     |
|-------------------------|---------------------|-------------------|---------------------|
| LB Number :             | LB88853             | Operator :        | Jaswal              |
| Lab Sample ID :         | CCB46               | Instrumnet Name : | P7                  |
| Client Sample ID :      | CCB46               | Dilution Factor : | 1                   |
| Date & Time Acquired :: | 2017-07-20 00:53:01 | DataFile Name :   | 199CCBE_P7071917 -M |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|-----------|------|---------|---------|---------|------------|---------|-------|
| Zirconium | 91-1 | -0.01   | 0.02    | 0.00    | 0.01       | 208.21  | ppb   |

LB Number : LB88853 Operator : Jaswal  
 Lab Sample ID : S0 Instrumnet Name : P7  
 Client Sample ID : S0 Dilution Factor : 1  
 Date & Time Acquired :: 2017-07-19 11:47:39 DataFile Name : 003CALB\_P7071917 -M9

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|------------|-------|----------|----------|----------|----------|--------|-------|
| Aluminium  | 27-2  | 25       | 33       | 58       | 39       | 44.62  | cps   |
| Antimony   | 121-1 | 58       | 67       | 33       | 53       | 32.88  | cps   |
| Arsenic    | 75-2  | 11       | 24       | 11       | 15       | 48.49  | cps   |
| Barium     | 135-1 | 275      | 283      | 217      | 258      | 14.06  | cps   |
| Barium     | 137-1 | 283      | 267      | 367      | 306      | 17.53  | cps   |
| Beryllium  | 9-1   | 167      | 189      | 183      | 180      | 6.44   | cps   |
| Bismuth    | 209-1 | 7511813  | 7531199  | 7472932  | 7505315  | 0.40   | cps   |
| Bismuth    | 209-2 | 4167902  | 4136649  | 4153108  | 4152553  | 0.38   | cps   |
| Boron      | 10-1  | 125      | 117      | 150      | 131      | 13.29  | cps   |
| Boron      | 11-1  | 733      | 700      | 642      | 692      | 6.71   | cps   |
| Cadmium    | 111-1 | 2569     | 2453     | 2180     | 2401     | 8.32   | cps   |
| Cadmium    | 106-1 | 3559     | 3409     | 3025     | 3331     | 8.26   | cps   |
| Cadmium    | 108-1 | 8        | 29       | 13       | 17       | 66.16  | cps   |
| Calcium    | 43-1  | 250      | 200      | 233      | 228      | 11.18  | cps   |
| Calcium    | 44-1  | 6844     | 6377     | 6919     | 6713     | 4.37   | cps   |
| Chromium   | 52-2  | 433      | 520      | 487      | 480      | 9.11   | cps   |
| Cobalt     | 59-2  | 320      | 300      | 383      | 334      | 13.01  | cps   |
| Copper     | 63-2  | 1137     | 1037     | 1163     | 1112     | 6.00   | cps   |
| Dysprosium | 156-1 | 0        | 58       | 42       | 33       | 90.14  | cps   |
| Dysprosium | 156-2 | 7        | 3        | 10       | 7        | 50.03  | cps   |
| Erbium     | 164-1 | 25       | 25       | 42       | 31       | 31.50  | cps   |
| Erbium     | 164-2 | 23       | 10       | 10       | 14       | 53.28  | cps   |
| Gadolinium | 160-1 | 108      | 50       | 92       | 83       | 36.06  | cps   |
| Gadolinium | 160-2 | 103      | 110      | 107      | 107      | 3.12   | cps   |
| Holmium    | 165-1 | 11047816 | 11043416 | 10998514 | 11029915 | 0.25   | cps   |
| Holmium    | 165-2 | 5195509  | 5159681  | 5188136  | 5181109  | 0.37   | cps   |
| Indium     | 115-1 | 8305505  | 8272225  | 8297754  | 8291828  | 0.21   | cps   |
| Indium     | 115-2 | 1514578  | 1507553  | 1526217  | 1516116  | 0.62   | cps   |
| Iron       | 56-2  | 4579     | 4506     | 4351     | 4479     | 2.60   | cps   |
| Iron       | 57-2  | 211      | 228      | 222      | 220      | 3.85   | cps   |
| Lead       | 206-1 | 1756     | 1672     | 1656     | 1695     | 3.16   | cps   |
| Lead       | 207-1 | 1467     | 1383     | 1467     | 1439     | 3.34   | cps   |
| Lead       | 208-1 | 6595     | 6506     | 6534     | 6545     | 0.69   | cps   |
| Lithium    | 6-1   | 1383896  | 1377439  | 1376012  | 1379116  | 0.30   | cps   |
| Magnesium  | 24-2  | 1742     | 1775     | 1500     | 1672     | 8.98   | cps   |
| Manganese  | 55-2  | 587      | 580      | 550      | 572      | 3.41   | cps   |



|                         |                     |                   |                      |
|-------------------------|---------------------|-------------------|----------------------|
| LB Number :             | LB88853             | Operator :        | Jaswal               |
| Lab Sample ID :         | S0                  | Instrumnet Name : | P7                   |
| Client Sample ID :      | S0                  | Dilution Factor : | 1                    |
| Date & Time Acquired :: | 2017-07-19 11:47:39 | DataFile Name :   | 003CALB_P7071917 -M9 |

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD  | Units |
|------------|-------|----------|----------|----------|----------|---------|-------|
| Molybdenum | 94-1  | 258      | 242      | 225      | 242      | 6.90    | cps   |
| Molybdenum | 95-1  | 300      | 275      | 208      | 261      | 18.15   | cps   |
| Molybdenum | 96-1  | 258      | 258      | 217      | 244      | 9.84    | cps   |
| Molybdenum | 97-1  | 125      | 117      | 92       | 111      | 15.61   | cps   |
| Molybdenum | 98-1  | 325      | 317      | 342      | 328      | 3.88    | cps   |
| Neodymium  | 150-1 | 7        | 20       | 7        | 11       | 69.25   | cps   |
| Neodymium  | 150-2 | 0        | 0        | 0        | 0        | 0.00    | cps   |
| Nickel     | 60-2  | 693      | 713      | 730      | 712      | 2.58    | cps   |
| Phosphorus | 31-2  | 167      | 192      | 150      | 169      | 12.38   | cps   |
| Potassium  | 39-2  | 27735    | 26808    | 27067    | 27204    | 1.76    | cps   |
| Rhodium    | 103-1 | 7396571  | 7329679  | 7329117  | 7351789  | 0.53    | cps   |
| Rhodium    | 103-2 | 3174024  | 3178902  | 3189029  | 3180652  | 0.24    | cps   |
| Scandium   | 45-1  | 4420956  | 4343094  | 4349916  | 4371322  | 0.99    | cps   |
| Scandium   | 45-2  | 182714   | 184945   | 185073   | 184244   | 0.72    | cps   |
| Selenium   | 77-2  | 0        | 0        | 0        | 0        | 0.00    | cps   |
| Selenium   | 78-2  | 63       | 85       | 70       | 73       | 15.54   | cps   |
| Selenium   | 82-1  | -10      | -120     | -33      | -54      | -106.97 | cps   |
| Silicon    | 28-1  | 293670   | 290150   | 286185   | 290002   | 1.29    | cps   |
| Silver     | 109-1 | 58       | 33       | 58       | 50       | 28.88   | cps   |
| Silver     | 107-1 | 92       | 42       | 100      | 78       | 40.56   | cps   |
| Sodium     | 23-2  | 7177     | 7160     | 6993     | 7110     | 1.43    | cps   |
| Strontium  | 86-1  | 808      | 725      | 817      | 783      | 6.47    | cps   |
| Strontium  | 88-1  | 283      | 350      | 383      | 339      | 15.02   | cps   |
| Sulfur     | 34-1  | 257956   | 255728   | 254504   | 256063   | 0.68    | cps   |
| Terbium    | 159-1 | 11331909 | 11336978 | 11348074 | 11338987 | 0.07    | cps   |
| Terbium    | 159-2 | 5127810  | 5087093  | 5127595  | 5114166  | 0.46    | cps   |
| Thallium   | 203-1 | 600      | 542      | 467      | 536      | 12.47   | cps   |
| Thallium   | 205-1 | 1150     | 1125     | 1058     | 1111     | 4.27    | cps   |
| Tin        | 118-1 | 1317     | 892      | 983      | 1064     | 21.02   | cps   |
| Titanium   | 47-1  | 83       | 100      | 117      | 100      | 16.66   | cps   |
| Uranium    | 238-1 | 2575     | 2000     | 2009     | 2195     | 15.02   | cps   |
| Vanadium   | 51-2  | 53       | 47       | 70       | 57       | 21.21   | cps   |
| Yttrium    | 89-1  | 8301024  | 8247162  | 8197370  | 8248519  | 0.63    | cps   |
| Yttrium    | 89-2  | 1117652  | 1110623  | 1124338  | 1117538  | 0.61    | cps   |
| Zinc       | 66-2  | 177      | 153      | 170      | 167      | 7.21    | cps   |
| Zirconium  | 90-1  | 608      | 483      | 508      | 533      | 12.40   | cps   |

|                         |                     |                   |                      |
|-------------------------|---------------------|-------------------|----------------------|
| LB Number :             | LB88853             | Operator :        | Jaswal               |
| Lab Sample ID :         | S0                  | Instrumnet Name : | P7                   |
| Client Sample ID :      | S0                  | Dilution Factor : | 1                    |
| Date & Time Acquired :: | 2017-07-19 11:47:39 | DataFile Name :   | 003CALB_P7071917 -M9 |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|-----------|------|------|------|------|---------|--------|-------|
| Zirconium | 91-1 | 108  | 125  | 67   | 100     | 30.05  | cps   |

|                         |                     |                   |                      |
|-------------------------|---------------------|-------------------|----------------------|
| LB Number :             | LB88853             | Operator :        | Jaswal               |
| Lab Sample ID :         | S2                  | Instrumnet Name : | P7                   |
| Client Sample ID :      | S2                  | Dilution Factor : | 1                    |
| Date & Time Acquired :: | 2017-07-19 11:55:27 | DataFile Name :   | 005CALS_P7071917 -M9 |

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|------------|-------|----------|----------|----------|----------|--------|-------|
| Aluminium  | 27-2  | 1200     | 1258     | 1008     | 1156     | 11.32  | cps   |
| Antimony   | 121-1 | 16385    | 16026    | 16210    | 16207    | 1.11   | cps   |
| Arsenic    | 75-2  | 250      | 246      | 285      | 260      | 8.24   | cps   |
| Barium     | 135-1 | 19314    | 20658    | 19973    | 19982    | 3.36   | cps   |
| Barium     | 137-1 | 34803    | 35079    | 34393    | 34758    | 0.99   | cps   |
| Beryllium  | 9-1   | 1128     | 1178     | 1206     | 1170     | 3.37   | cps   |
| Bismuth    | 209-1 | 7180980  | 7333541  | 7267610  | 7260710  | 1.05   | cps   |
| Bismuth    | 209-2 | 4288907  | 4205971  | 4096953  | 4197277  | 2.29   | cps   |
| Boron      | 10-1  | 2784     | 2842     | 2825     | 2817     | 1.07   | cps   |
| Boron      | 11-1  | 12714    | 13607    | 14432    | 13584    | 6.33   | cps   |
| Cadmium    | 111-1 | 4274     | 4460     | 3900     | 4211     | 6.78   | cps   |
| Cadmium    | 106-1 | 3467     | 3567     | 3117     | 3384     | 6.99   | cps   |
| Cadmium    | 108-1 | 142      | 196      | 142      | 160      | 19.58  | cps   |
| Calcium    | 43-1  | 9370     | 9962     | 10037    | 9790     | 3.73   | cps   |
| Calcium    | 44-1  | 160285   | 161859   | 160513   | 160886   | 0.53   | cps   |
| Chromium   | 52-2  | 4831     | 4671     | 4497     | 4666     | 3.57   | cps   |
| Cobalt     | 59-2  | 3394     | 3450     | 3497     | 3447     | 1.50   | cps   |
| Copper     | 63-2  | 6411     | 6855     | 6528     | 6598     | 3.48   | cps   |
| Dysprosium | 156-1 | 33       | 50       | 25       | 36       | 35.25  | cps   |
| Dysprosium | 156-2 | 0        | 0        | 13       | 4        | 173.21 | cps   |
| Erbium     | 164-1 | 17       | 75       | 50       | 47       | 61.97  | cps   |
| Erbium     | 164-2 | 27       | 27       | 20       | 24       | 15.75  | cps   |
| Gadolinium | 160-1 | 92       | 142      | 83       | 106      | 29.89  | cps   |
| Gadolinium | 160-2 | 100      | 113      | 70       | 94       | 23.50  | cps   |
| Holmium    | 165-1 | 10683550 | 10971628 | 10856742 | 10837307 | 1.34   | cps   |
| Holmium    | 165-2 | 5402457  | 5330868  | 5209253  | 5314193  | 1.84   | cps   |
| Indium     | 115-1 | 8056741  | 8203634  | 8263744  | 8174706  | 1.30   | cps   |
| Indium     | 115-2 | 1583770  | 1565157  | 1516757  | 1555228  | 2.22   | cps   |
| Iron       | 56-2  | 88124    | 85643    | 82587    | 85451    | 3.25   | cps   |
| Iron       | 57-2  | 2317     | 2145     | 2278     | 2247     | 4.02   | cps   |
| Lead       | 206-1 | 9965     | 10104    | 10260    | 10110    | 1.46   | cps   |
| Lead       | 207-1 | 9526     | 9648     | 9559     | 9578     | 0.66   | cps   |
| Lead       | 208-1 | 41666    | 42344    | 41409    | 41806    | 1.16   | cps   |
| Lithium    | 6-1   | 1352564  | 1369004  | 1364780  | 1362116  | 0.63   | cps   |
| Magnesium  | 24-2  | 71320    | 69487    | 66967    | 69258    | 3.16   | cps   |
| Manganese  | 55-2  | 1743     | 1743     | 1703     | 1730     | 1.33   | cps   |

|                         |                     |                   |                      |
|-------------------------|---------------------|-------------------|----------------------|
| LB Number :             | LB88853             | Operator :        | Jaswal               |
| Lab Sample ID :         | S2                  | Instrumnet Name : | P7                   |
| Client Sample ID :      | S2                  | Dilution Factor : | 1                    |
| Date & Time Acquired :: | 2017-07-19 11:55:27 | DataFile Name :   | 005CAL5_P7071917 -M9 |

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|------------|-------|----------|----------|----------|----------|--------|-------|
| Molybdenum | 94-1  | 14316    | 14466    | 14274    | 14352    | 0.70   | cps   |
| Molybdenum | 95-1  | 18029    | 18004    | 17720    | 17918    | 0.96   | cps   |
| Molybdenum | 96-1  | 20006    | 19990    | 20699    | 20232    | 2.00   | cps   |
| Molybdenum | 97-1  | 11238    | 11305    | 11330    | 11291    | 0.42   | cps   |
| Molybdenum | 98-1  | 28855    | 28981    | 29139    | 28992    | 0.49   | cps   |
| Neodymium  | 150-1 | 7        | 7        | 7        | 7        | 0.00   | cps   |
| Neodymium  | 150-2 | 3        | 0        | 0        | 1        | 173.21 | cps   |
| Nickel     | 60-2  | 1473     | 1537     | 1493     | 1501     | 2.16   | cps   |
| Phosphorus | 31-2  | 108      | 150      | 83       | 114      | 29.57  | cps   |
| Potassium  | 39-2  | 98752    | 96195    | 95054    | 96667    | 1.96   | cps   |
| Rhodium    | 103-1 | 7072509  | 7236932  | 7243141  | 7184194  | 1.35   | cps   |
| Rhodium    | 103-2 | 3336578  | 3263476  | 3180549  | 3260201  | 2.39   | cps   |
| Scandium   | 45-1  | 4224122  | 4363424  | 4319766  | 4302437  | 1.66   | cps   |
| Scandium   | 45-2  | 192411   | 188603   | 184092   | 188369   | 2.21   | cps   |
| Selenium   | 77-2  | 23       | 27       | 40       | 30       | 29.40  | cps   |
| Selenium   | 78-2  | 150      | 165      | 146      | 154      | 6.38   | cps   |
| Selenium   | 82-1  | 502      | 627      | 469      | 533      | 15.63  | cps   |
| Silicon    | 28-1  | 324507   | 327618   | 325456   | 325860   | 0.49   | cps   |
| Silver     | 109-1 | 11347    | 12081    | 11906    | 11778    | 3.26   | cps   |
| Silver     | 107-1 | 12147    | 11830    | 12322    | 12100    | 2.06   | cps   |
| Sodium     | 23-2  | 139528   | 136566   | 135221   | 137105   | 1.61   | cps   |
| Strontium  | 86-1  | 3084     | 3351     | 3159     | 3198     | 4.30   | cps   |
| Strontium  | 88-1  | 21433    | 22076    | 22135    | 21881    | 1.78   | cps   |
| Sulfur     | 34-1  | 257336   | 257548   | 257429   | 257438   | 0.04   | cps   |
| Terbium    | 159-1 | 10886597 | 11074585 | 11153942 | 11038375 | 1.24   | cps   |
| Terbium    | 159-2 | 5347712  | 5244618  | 5092342  | 5228224  | 2.46   | cps   |
| Thallium   | 203-1 | 9037     | 8695     | 8795     | 8842     | 1.99   | cps   |
| Thallium   | 205-1 | 22194    | 21794    | 21118    | 21702    | 2.51   | cps   |
| Tin        | 118-1 | 32998    | 32547    | 33182    | 32909    | 0.99   | cps   |
| Titanium   | 47-1  | 4334     | 4534     | 4676     | 4515     | 3.80   | cps   |
| Uranium    | 238-1 | 30019    | 29852    | 29167    | 29679    | 1.52   | cps   |
| Vanadium   | 51-2  | 7812     | 7906     | 7972     | 7897     | 1.02   | cps   |
| Yttrium    | 89-1  | 8012710  | 8127833  | 8106446  | 8082330  | 0.76   | cps   |
| Yttrium    | 89-2  | 1169517  | 1148169  | 1115156  | 1144281  | 2.39   | cps   |
| Zinc       | 66-2  | 1010     | 870      | 950      | 943      | 7.45   | cps   |
| Zirconium  | 90-1  | 12614    | 12448    | 11914    | 12325    | 2.97   | cps   |

|                         |                     |                   |                      |
|-------------------------|---------------------|-------------------|----------------------|
| LB Number :             | LB88853             | Operator :        | Jaswal               |
| Lab Sample ID :         | S2                  | Instrumnet Name : | P7                   |
| Client Sample ID :      | S2                  | Dilution Factor : | 1                    |
| Date & Time Acquired :: | 2017-07-19 11:55:27 | DataFile Name :   | 005CALS_P7071917 -M9 |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|-----------|------|------|------|------|---------|--------|-------|
| Zirconium | 91-1 | 2625 | 2875 | 2700 | 2734    | 4.69   | cps   |

|                         |                     |                   |                      |
|-------------------------|---------------------|-------------------|----------------------|
| LB Number :             | LB88853             | Operator :        | Jaswal               |
| Lab Sample ID :         | S3                  | Instrumnet Name : | P7                   |
| Client Sample ID :      | S3                  | Dilution Factor : | 1                    |
| Date & Time Acquired :: | 2017-07-19 11:59:14 | DataFile Name :   | 006CAL5_P7071917 -M9 |

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|------------|-------|----------|----------|----------|----------|--------|-------|
| Aluminium  | 27-2  | 65394    | 65645    | 66423    | 65820    | 0.82   | cps   |
| Antimony   | 121-1 | 423823   | 430233   | 423802   | 425953   | 0.87   | cps   |
| Arsenic    | 75-2  | 12780    | 13262    | 12871    | 12971    | 1.97   | cps   |
| Barium     | 135-1 | 548598   | 552400   | 543255   | 548084   | 0.84   | cps   |
| Barium     | 137-1 | 950908   | 967246   | 956440   | 958198   | 0.87   | cps   |
| Beryllium  | 9-1   | 57704    | 57849    | 57191    | 57582    | 0.60   | cps   |
| Bismuth    | 209-1 | 7337030  | 7151322  | 7290366  | 7259573  | 1.33   | cps   |
| Bismuth    | 209-2 | 4324340  | 4345997  | 4362574  | 4344304  | 0.44   | cps   |
| Boron      | 10-1  | 6402     | 5910     | 6143     | 6151     | 4.00   | cps   |
| Boron      | 11-1  | 29981    | 29438    | 30298    | 29905    | 1.45   | cps   |
| Cadmium    | 111-1 | 104758   | 103628   | 102402   | 103596   | 1.14   | cps   |
| Cadmium    | 106-1 | 14141    | 13340    | 13766    | 13749    | 2.91   | cps   |
| Cadmium    | 108-1 | 7602     | 7306     | 7235     | 7381     | 2.64   | cps   |
| Calcium    | 43-1  | 106455   | 107027   | 105852   | 106445   | 0.55   | cps   |
| Calcium    | 44-1  | 1732328  | 1745786  | 1733410  | 1737175  | 0.43   | cps   |
| Chromium   | 52-2  | 108089   | 107726   | 108381   | 108065   | 0.30   | cps   |
| Cobalt     | 59-2  | 177717   | 176615   | 178555   | 177629   | 0.55   | cps   |
| Copper     | 63-2  | 256703   | 259079   | 257966   | 257916   | 0.46   | cps   |
| Dysprosium | 156-1 | 17       | 33       | 25       | 25       | 33.32  | cps   |
| Dysprosium | 156-2 | 13       | 17       | 7        | 12       | 41.65  | cps   |
| Erbium     | 164-1 | 33       | 33       | 33       | 33       | 0.00   | cps   |
| Erbium     | 164-2 | 17       | 20       | 20       | 19       | 10.18  | cps   |
| Gadolinium | 160-1 | 33       | 58       | 117      | 69       | 61.58  | cps   |
| Gadolinium | 160-2 | 113      | 80       | 77       | 90       | 22.53  | cps   |
| Holmium    | 165-1 | 10888584 | 10621008 | 10768342 | 10759311 | 1.25   | cps   |
| Holmium    | 165-2 | 5446575  | 5450846  | 5472393  | 5456605  | 0.25   | cps   |
| Indium     | 115-1 | 8162892  | 7981893  | 8061019  | 8068601  | 1.12   | cps   |
| Indium     | 115-2 | 1569267  | 1582800  | 1585797  | 1579288  | 0.56   | cps   |
| Iron       | 56-2  | 4566023  | 4592963  | 4569153  | 4576046  | 0.32   | cps   |
| Iron       | 57-2  | 111571   | 110798   | 112462   | 111610   | 0.75   | cps   |
| Lead       | 206-1 | 370537   | 368059   | 369989   | 369528   | 0.35   | cps   |
| Lead       | 207-1 | 337163   | 335490   | 334048   | 335567   | 0.46   | cps   |
| Lead       | 208-1 | 1512557  | 1506274  | 1504245  | 1507692  | 0.29   | cps   |
| Lithium    | 6-1   | 1367828  | 1342560  | 1360298  | 1356895  | 0.96   | cps   |
| Magnesium  | 24-2  | 764289   | 765987   | 763410   | 764562   | 0.17   | cps   |
| Manganese  | 55-2  | 125933   | 126552   | 125503   | 125996   | 0.42   | cps   |

|                         |                     |                   |                      |
|-------------------------|---------------------|-------------------|----------------------|
| LB Number :             | LB88853             | Operator :        | Jaswal               |
| Lab Sample ID :         | S3                  | Instrumnet Name : | P7                   |
| Client Sample ID :      | S3                  | Dilution Factor : | 1                    |
| Date & Time Acquired :: | 2017-07-19 11:59:14 | DataFile Name :   | 006CAL5_P7071917 -M9 |

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|------------|-------|----------|----------|----------|----------|--------|-------|
| Molybdenum | 94-1  | 343214   | 352469   | 350422   | 348702   | 1.39   | cps   |
| Molybdenum | 95-1  | 198384   | 197759   | 199221   | 198455   | 0.37   | cps   |
| Molybdenum | 96-1  | 249655   | 250599   | 249811   | 250022   | 0.20   | cps   |
| Molybdenum | 97-1  | 123665   | 123911   | 123481   | 123685   | 0.17   | cps   |
| Molybdenum | 98-1  | 317677   | 317301   | 319066   | 318015   | 0.29   | cps   |
| Neodymium  | 150-1 | 33       | 53       | 87       | 58       | 46.62  | cps   |
| Neodymium  | 150-2 | 7        | 7        | 3        | 6        | 34.70  | cps   |
| Nickel     | 60-2  | 47440    | 47908    | 47259    | 47536    | 0.70   | cps   |
| Phosphorus | 31-2  | 3384     | 3767     | 3492     | 3548     | 5.57   | cps   |
| Potassium  | 39-2  | 421145   | 425335   | 424320   | 423600   | 0.52   | cps   |
| Rhodium    | 103-1 | 7158444  | 7032726  | 7132476  | 7107882  | 0.93   | cps   |
| Rhodium    | 103-2 | 3284511  | 3305515  | 3328990  | 3306338  | 0.67   | cps   |
| Scandium   | 45-1  | 4306135  | 4266300  | 4300103  | 4290846  | 0.50   | cps   |
| Scandium   | 45-2  | 191527   | 191928   | 191871   | 191776   | 0.11   | cps   |
| Selenium   | 77-2  | 270      | 223      | 273      | 256      | 10.94  | cps   |
| Selenium   | 78-2  | 939      | 1019     | 993      | 983      | 4.13   | cps   |
| Selenium   | 82-1  | 5979     | 5759     | 5963     | 5900     | 2.08   | cps   |
| Silicon    | 28-1  | 505689   | 502687   | 503959   | 504112   | 0.30   | cps   |
| Silver     | 109-1 | 481013   | 479480   | 482622   | 481038   | 0.33   | cps   |
| Silver     | 107-1 | 504420   | 497668   | 499988   | 500692   | 0.69   | cps   |
| Sodium     | 23-2  | 1437982  | 1448844  | 1442068  | 1442965  | 0.38   | cps   |
| Strontium  | 86-1  | 129069   | 129152   | 130084   | 129435   | 0.44   | cps   |
| Strontium  | 88-1  | 1125123  | 1128709  | 1122736  | 1125523  | 0.27   | cps   |
| Sulfur     | 34-1  | 282489   | 275681   | 278931   | 279034   | 1.22   | cps   |
| Terbium    | 159-1 | 11201741 | 10972084 | 11149553 | 11107792 | 1.08   | cps   |
| Terbium    | 159-2 | 5366337  | 5376624  | 5376330  | 5373097  | 0.11   | cps   |
| Thallium   | 203-1 | 446893   | 449796   | 448100   | 448263   | 0.33   | cps   |
| Thallium   | 205-1 | 1075131  | 1084529  | 1082911  | 1080857  | 0.46   | cps   |
| Tin        | 118-1 | 362953   | 348542   | 348899   | 353465   | 2.33   | cps   |
| Titanium   | 47-1  | 50463    | 49418    | 49836    | 49905    | 1.05   | cps   |
| Uranium    | 238-1 | 1545708  | 1548756  | 1540375  | 1544946  | 0.27   | cps   |
| Vanadium   | 51-2  | 88483    | 89700    | 88557    | 88914    | 0.77   | cps   |
| Yttrium    | 89-1  | 8012932  | 7910948  | 7930869  | 7951583  | 0.68   | cps   |
| Yttrium    | 89-2  | 1158416  | 1178075  | 1169789  | 1168760  | 0.84   | cps   |
| Zinc       | 66-2  | 35567    | 36740    | 36095    | 36134    | 1.63   | cps   |
| Zirconium  | 90-1  | 639451   | 643318   | 634014   | 638928   | 0.73   | cps   |

|                         |                     |                   |                      |
|-------------------------|---------------------|-------------------|----------------------|
| LB Number :             | LB88853             | Operator :        | Jaswal               |
| Lab Sample ID :         | S3                  | Instrumnet Name : | P7                   |
| Client Sample ID :      | S3                  | Dilution Factor : | 1                    |
| Date & Time Acquired :: | 2017-07-19 11:59:14 | DataFile Name :   | 006CALS_P7071917 -M9 |

| Parameter | Mass | CPS1   | CPS2   | CPS3   | CPSMean | CPSRSD | Units |
|-----------|------|--------|--------|--------|---------|--------|-------|
| Zirconium | 91-1 | 141155 | 142620 | 138985 | 140920  | 1.30   | cps   |



|                         |                     |                   |                      |
|-------------------------|---------------------|-------------------|----------------------|
| LB Number :             | LB88853             | Operator :        | Jaswal               |
| Lab Sample ID :         | S4                  | Instrumnet Name : | P7                   |
| Client Sample ID :      | S4                  | Dilution Factor : | 1                    |
| Date & Time Acquired :: | 2017-07-19 12:03:02 | DataFile Name :   | 007CAL5_P7071917 -M9 |

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|------------|-------|----------|----------|----------|----------|--------|-------|
| Aluminium  | 27-2  | 161119   | 164570   | 164950   | 163546   | 1.29   | cps   |
| Antimony   | 121-1 | 1066316  | 1087123  | 1076808  | 1076749  | 0.97   | cps   |
| Arsenic    | 75-2  | 32184    | 31642    | 32315    | 32047    | 1.11   | cps   |
| Barium     | 135-1 | 1356189  | 1360282  | 1363894  | 1360122  | 0.28   | cps   |
| Barium     | 137-1 | 2391853  | 2403042  | 2391039  | 2395311  | 0.28   | cps   |
| Beryllium  | 9-1   | 142804   | 144087   | 141184   | 142692   | 1.02   | cps   |
| Bismuth    | 209-1 | 7154982  | 6771133  | 7450371  | 7125496  | 4.78   | cps   |
| Bismuth    | 209-2 | 4304319  | 4317314  | 4256864  | 4292832  | 0.74   | cps   |
| Boron      | 10-1  | 15150    | 15442    | 14533    | 15041    | 3.09   | cps   |
| Boron      | 11-1  | 73587    | 75262    | 75589    | 74813    | 1.44   | cps   |
| Cadmium    | 111-1 | 255855   | 255145   | 254653   | 255218   | 0.24   | cps   |
| Cadmium    | 106-1 | 29482    | 29331    | 29766    | 29526    | 0.75   | cps   |
| Cadmium    | 108-1 | 17632    | 18241    | 17924    | 17932    | 1.70   | cps   |
| Calcium    | 43-1  | 267374   | 267221   | 268383   | 267659   | 0.24   | cps   |
| Calcium    | 44-1  | 4356054  | 4377307  | 4370362  | 4367908  | 0.25   | cps   |
| Chromium   | 52-2  | 264481   | 266099   | 267609   | 266063   | 0.59   | cps   |
| Cobalt     | 59-2  | 437712   | 438810   | 439534   | 438685   | 0.21   | cps   |
| Copper     | 63-2  | 628232   | 636694   | 635298   | 633408   | 0.72   | cps   |
| Dysprosium | 156-1 | 42       | 58       | 50       | 50       | 16.67  | cps   |
| Dysprosium | 156-2 | 17       | 3        | 20       | 13       | 66.16  | cps   |
| Erbium     | 164-1 | 42       | 75       | 58       | 58       | 28.57  | cps   |
| Erbium     | 164-2 | 23       | 20       | 13       | 19       | 26.96  | cps   |
| Gadolinium | 160-1 | 75       | 83       | 100      | 86       | 14.79  | cps   |
| Gadolinium | 160-2 | 60       | 80       | 63       | 68       | 15.81  | cps   |
| Holmium    | 165-1 | 10650957 | 10285817 | 11139420 | 10692065 | 4.01   | cps   |
| Holmium    | 165-2 | 5458971  | 5460997  | 5405387  | 5441785  | 0.58   | cps   |
| Indium     | 115-1 | 7979314  | 7620784  | 8308149  | 7969416  | 4.31   | cps   |
| Indium     | 115-2 | 1575977  | 1580053  | 1569649  | 1575226  | 0.33   | cps   |
| Iron       | 56-2  | 11106587 | 11004624 | 11099902 | 11070371 | 0.52   | cps   |
| Iron       | 57-2  | 276779   | 275896   | 281008   | 277894   | 0.98   | cps   |
| Lead       | 206-1 | 911072   | 913988   | 914752   | 913271   | 0.21   | cps   |
| Lead       | 207-1 | 829843   | 833491   | 833054   | 832129   | 0.24   | cps   |
| Lead       | 208-1 | 3734459  | 3741203  | 3746827  | 3740830  | 0.17   | cps   |
| Lithium    | 6-1   | 1355461  | 1303723  | 1388697  | 1349294  | 3.17   | cps   |
| Magnesium  | 24-2  | 1894794  | 1912292  | 1903529  | 1903538  | 0.46   | cps   |
| Manganese  | 55-2  | 313140   | 313330   | 313790   | 313420   | 0.11   | cps   |

|                         |                     |                   |                      |
|-------------------------|---------------------|-------------------|----------------------|
| LB Number :             | LB88853             | Operator :        | Jaswal               |
| Lab Sample ID :         | S4                  | Instrumnet Name : | P7                   |
| Client Sample ID :      | S4                  | Dilution Factor : | 1                    |
| Date & Time Acquired :: | 2017-07-19 12:03:02 | DataFile Name :   | 007CAL5_P7071917 -M9 |

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|------------|-------|----------|----------|----------|----------|--------|-------|
| Molybdenum | 94-1  | 879708   | 883382   | 877417   | 880169   | 0.34   | cps   |
| Molybdenum | 95-1  | 494783   | 494755   | 493244   | 494261   | 0.18   | cps   |
| Molybdenum | 96-1  | 627604   | 631981   | 631700   | 630428   | 0.39   | cps   |
| Molybdenum | 97-1  | 308769   | 312547   | 306523   | 309280   | 0.98   | cps   |
| Molybdenum | 98-1  | 806251   | 800161   | 791081   | 799164   | 0.96   | cps   |
| Neodymium  | 150-1 | 87       | 87       | 93       | 89       | 4.33   | cps   |
| Neodymium  | 150-2 | 13       | 23       | 10       | 16       | 44.60  | cps   |
| Nickel     | 60-2  | 116310   | 116558   | 117425   | 116764   | 0.50   | cps   |
| Phosphorus | 31-2  | 8886     | 9078     | 9128     | 9031     | 1.41   | cps   |
| Potassium  | 39-2  | 1001507  | 1010910  | 1006291  | 1006236  | 0.47   | cps   |
| Rhodium    | 103-1 | 7072835  | 6676054  | 7210597  | 6986496  | 3.97   | cps   |
| Rhodium    | 103-2 | 3262490  | 3277164  | 3259508  | 3266388  | 0.29   | cps   |
| Scandium   | 45-1  | 4283268  | 3993684  | 4470319  | 4249090  | 5.65   | cps   |
| Scandium   | 45-2  | 193738   | 194394   | 192494   | 193542   | 0.50   | cps   |
| Selenium   | 77-2  | 697      | 767      | 637      | 700      | 9.30   | cps   |
| Selenium   | 78-2  | 2330     | 2241     | 2269     | 2280     | 1.99   | cps   |
| Selenium   | 82-1  | 14540    | 14816    | 14564    | 14640    | 1.04   | cps   |
| Silicon    | 28-1  | 842072   | 842598   | 839446   | 841372   | 0.20   | cps   |
| Silver     | 109-1 | 1191703  | 1188004  | 1195011  | 1191573  | 0.29   | cps   |
| Silver     | 107-1 | 1248494  | 1234393  | 1241141  | 1241343  | 0.57   | cps   |
| Sodium     | 23-2  | 3591470  | 3614962  | 3603411  | 3603281  | 0.33   | cps   |
| Strontium  | 86-1  | 319194   | 321627   | 323990   | 321604   | 0.75   | cps   |
| Strontium  | 88-1  | 2826454  | 2832969  | 2843169  | 2834197  | 0.30   | cps   |
| Sulfur     | 34-1  | 318681   | 313954   | 315788   | 316141   | 0.75   | cps   |
| Terbium    | 159-1 | 11068322 | 10583594 | 11336769 | 10996228 | 3.47   | cps   |
| Terbium    | 159-2 | 5374731  | 5410039  | 5349327  | 5378032  | 0.57   | cps   |
| Thallium   | 203-1 | 1108032  | 1115904  | 1116511  | 1113482  | 0.42   | cps   |
| Thallium   | 205-1 | 2684216  | 2694271  | 2704756  | 2694414  | 0.38   | cps   |
| Tin        | 118-1 | 874794   | 882416   | 874412   | 877208   | 0.51   | cps   |
| Titanium   | 47-1  | 124555   | 126017   | 124094   | 124889   | 0.80   | cps   |
| Uranium    | 238-1 | 3891473  | 3936869  | 3869231  | 3899191  | 0.88   | cps   |
| Vanadium   | 51-2  | 220369   | 221669   | 222534   | 221524   | 0.49   | cps   |
| Yttrium    | 89-1  | 7921591  | 7543642  | 8190437  | 7885223  | 4.12   | cps   |
| Yttrium    | 89-2  | 1168872  | 1172139  | 1163042  | 1168018  | 0.39   | cps   |
| Zinc       | 66-2  | 88308    | 88845    | 88744    | 88632    | 0.32   | cps   |
| Zirconium  | 90-1  | 1629807  | 1643104  | 1633898  | 1635603  | 0.42   | cps   |

|                         |                     |                   |                      |
|-------------------------|---------------------|-------------------|----------------------|
| LB Number :             | LB88853             | Operator :        | Jaswal               |
| Lab Sample ID :         | S4                  | Instrumnet Name : | P7                   |
| Client Sample ID :      | S4                  | Dilution Factor : | 1                    |
| Date & Time Acquired :: | 2017-07-19 12:03:02 | DataFile Name :   | 007CALS_P7071917 -M9 |

| Parameter | Mass | CPS1   | CPS2   | CPS3   | CPSMean | CPSRSD | Units |
|-----------|------|--------|--------|--------|---------|--------|-------|
| Zirconium | 91-1 | 366311 | 364093 | 365142 | 365182  | 0.30   | cps   |

|                         |                     |                   |                      |
|-------------------------|---------------------|-------------------|----------------------|
| LB Number :             | LB88853             | Operator :        | Jaswal               |
| Lab Sample ID :         | S5                  | Instrumnet Name : | P7                   |
| Client Sample ID :      | S5                  | Dilution Factor : | 1                    |
| Date & Time Acquired :: | 2017-07-19 12:06:45 | DataFile Name :   | 008CAL5_P7071917 -M5 |

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|------------|-------|----------|----------|----------|----------|--------|-------|
| Aluminium  | 27-2  | 316459   | 317377   | 316992   | 316943   | 0.15   | cps   |
| Antimony   | 121-1 | 2118511  | 2123134  | 2112778  | 2118141  | 0.24   | cps   |
| Arsenic    | 75-2  | 62965    | 63010    | 63011    | 62995    | 0.04   | cps   |
| Barium     | 135-1 | 2685651  | 2689460  | 2697121  | 2690744  | 0.22   | cps   |
| Barium     | 137-1 | 4713709  | 4742825  | 4733498  | 4730011  | 0.31   | cps   |
| Beryllium  | 9-1   | 278333   | 274750   | 275575   | 276219   | 0.68   | cps   |
| Bismuth    | 209-1 | 7075582  | 6941617  | 6911960  | 6976386  | 1.25   | cps   |
| Bismuth    | 209-2 | 4098617  | 4107173  | 4108855  | 4104882  | 0.13   | cps   |
| Boron      | 10-1  | 29830    | 30465    | 30882    | 30393    | 1.74   | cps   |
| Boron      | 11-1  | 144164   | 147848   | 148800   | 146937   | 1.67   | cps   |
| Cadmium    | 111-1 | 489638   | 489955   | 489573   | 489722   | 0.04   | cps   |
| Cadmium    | 106-1 | 53393    | 55986    | 54690    | 54690    | 2.37   | cps   |
| Cadmium    | 108-1 | 34847    | 35862    | 35327    | 35346    | 1.44   | cps   |
| Calcium    | 43-1  | 524213   | 521145   | 520008   | 521789   | 0.42   | cps   |
| Calcium    | 44-1  | 8406636  | 8386114  | 8416136  | 8402962  | 0.18   | cps   |
| Chromium   | 52-2  | 520759   | 520414   | 519356   | 520176   | 0.14   | cps   |
| Cobalt     | 59-2  | 850358   | 851354   | 856567   | 852760   | 0.39   | cps   |
| Copper     | 63-2  | 1229327  | 1235836  | 1223979  | 1229714  | 0.48   | cps   |
| Dysprosium | 156-1 | 50       | 125      | 42       | 72       | 63.55  | cps   |
| Dysprosium | 156-2 | 30       | 30       | 33       | 31       | 6.18   | cps   |
| Erbium     | 164-1 | 50       | 67       | 33       | 50       | 33.34  | cps   |
| Erbium     | 164-2 | 10       | 27       | 27       | 21       | 45.58  | cps   |
| Gadolinium | 160-1 | 150      | 58       | 125      | 111      | 42.65  | cps   |
| Gadolinium | 160-2 | 93       | 123      | 117      | 111      | 14.18  | cps   |
| Holmium    | 165-1 | 10413061 | 10452724 | 10403583 | 10423122 | 0.25   | cps   |
| Holmium    | 165-2 | 5287296  | 5287618  | 5296677  | 5290530  | 0.10   | cps   |
| Indium     | 115-1 | 7687383  | 7733320  | 7697169  | 7705957  | 0.31   | cps   |
| Indium     | 115-2 | 1516894  | 1517368  | 1511610  | 1515291  | 0.21   | cps   |
| Iron       | 56-2  | 21795749 | 21616848 | 21616924 | 21676507 | 0.48   | cps   |
| Iron       | 57-2  | 536818   | 545428   | 544378   | 542208   | 0.87   | cps   |
| Lead       | 206-1 | 1784069  | 1768475  | 1792094  | 1781546  | 0.67   | cps   |
| Lead       | 207-1 | 1626252  | 1633524  | 1640639  | 1633472  | 0.44   | cps   |
| Lead       | 208-1 | 7326654  | 7332110  | 7388362  | 7349042  | 0.46   | cps   |
| Lithium    | 6-1   | 1316676  | 1320235  | 1313247  | 1316719  | 0.27   | cps   |
| Magnesium  | 24-2  | 3742961  | 3729530  | 3717577  | 3730022  | 0.34   | cps   |
| Manganese  | 55-2  | 611804   | 608361   | 613625   | 611263   | 0.44   | cps   |

|                         |                     |                   |                      |
|-------------------------|---------------------|-------------------|----------------------|
| LB Number :             | LB88853             | Operator :        | Jaswal               |
| Lab Sample ID :         | S5                  | Instrumnet Name : | P7                   |
| Client Sample ID :      | S5                  | Dilution Factor : | 1                    |
| Date & Time Acquired :: | 2017-07-19 12:06:45 | DataFile Name :   | 008CAL5_P7071917 -M5 |

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|------------|-------|----------|----------|----------|----------|--------|-------|
| Molybdenum | 94-1  | 1739733  | 1744282  | 1730615  | 1738210  | 0.40   | cps   |
| Molybdenum | 95-1  | 973492   | 973096   | 971228   | 972605   | 0.12   | cps   |
| Molybdenum | 96-1  | 1238546  | 1242453  | 1229300  | 1236766  | 0.55   | cps   |
| Molybdenum | 97-1  | 607287   | 606263   | 605127   | 606226   | 0.18   | cps   |
| Molybdenum | 98-1  | 1573938  | 1567658  | 1570381  | 1570659  | 0.20   | cps   |
| Neodymium  | 150-1 | 240      | 240      | 180      | 220      | 15.75  | cps   |
| Neodymium  | 150-2 | 20       | 27       | 43       | 30       | 40.05  | cps   |
| Nickel     | 60-2  | 225048   | 225219   | 223160   | 224476   | 0.51   | cps   |
| Phosphorus | 31-2  | 18145    | 17144    | 17060    | 17450    | 3.46   | cps   |
| Potassium  | 39-2  | 1955630  | 1943674  | 1954981  | 1951429  | 0.34   | cps   |
| Rhodium    | 103-1 | 6813498  | 6743045  | 6704815  | 6753786  | 0.82   | cps   |
| Rhodium    | 103-2 | 3138501  | 3155208  | 3150838  | 3148182  | 0.28   | cps   |
| Scandium   | 45-1  | 4131983  | 4154488  | 4157050  | 4147840  | 0.33   | cps   |
| Scandium   | 45-2  | 187236   | 186038   | 189623   | 187632   | 0.97   | cps   |
| Selenium   | 77-2  | 1220     | 1293     | 1373     | 1296     | 5.92   | cps   |
| Selenium   | 78-2  | 4506     | 4603     | 4249     | 4453     | 4.11   | cps   |
| Selenium   | 82-1  | 28767    | 29010    | 29016    | 28931    | 0.49   | cps   |
| Silicon    | 28-1  | 1383588  | 1388086  | 1400695  | 1390790  | 0.64   | cps   |
| Silver     | 109-1 | 2305531  | 2326379  | 2330474  | 2320795  | 0.58   | cps   |
| Silver     | 107-1 | 2414147  | 2419932  | 2417694  | 2417258  | 0.12   | cps   |
| Sodium     | 23-2  | 6903775  | 6862055  | 6911385  | 6892405  | 0.39   | cps   |
| Strontium  | 86-1  | 634984   | 627770   | 630364   | 631039   | 0.58   | cps   |
| Strontium  | 88-1  | 5575452  | 5609201  | 5601257  | 5595303  | 0.32   | cps   |
| Sulfur     | 34-1  | 374637   | 376820   | 377707   | 376388   | 0.42   | cps   |
| Terbium    | 159-1 | 10814099 | 10685719 | 10669191 | 10723003 | 0.74   | cps   |
| Terbium    | 159-2 | 5183150  | 5184417  | 5189023  | 5185530  | 0.06   | cps   |
| Thallium   | 203-1 | 2170699  | 2181609  | 2197698  | 2183335  | 0.62   | cps   |
| Thallium   | 205-1 | 5318531  | 5261987  | 5350200  | 5310239  | 0.84   | cps   |
| Tin        | 118-1 | 1712106  | 1712742  | 1714626  | 1713158  | 0.08   | cps   |
| Titanium   | 47-1  | 244695   | 241843   | 244289   | 243609   | 0.63   | cps   |
| Uranium    | 238-1 | 7374365  | 7412229  | 7458711  | 7415102  | 0.57   | cps   |
| Vanadium   | 51-2  | 434368   | 435662   | 435818   | 435283   | 0.18   | cps   |
| Yttrium    | 89-1  | 7738443  | 7745735  | 7728674  | 7737617  | 0.11   | cps   |
| Yttrium    | 89-2  | 1135655  | 1129079  | 1142951  | 1135895  | 0.61   | cps   |
| Zinc       | 66-2  | 169898   | 171979   | 169099   | 170325   | 0.87   | cps   |
| Zirconium  | 90-1  | 3272833  | 3257048  | 3246974  | 3258951  | 0.40   | cps   |

|                         |                     |                   |                      |
|-------------------------|---------------------|-------------------|----------------------|
| LB Number :             | LB88853             | Operator :        | Jaswal               |
| Lab Sample ID :         | S5                  | Instrumnet Name : | P7                   |
| Client Sample ID :      | S5                  | Dilution Factor : | 1                    |
| Date & Time Acquired :: | 2017-07-19 12:06:45 | DataFile Name :   | 008CALS_P7071917 -M9 |

| Parameter | Mass | CPS1   | CPS2   | CPS3   | CPSMean | CPSRSD | Units |
|-----------|------|--------|--------|--------|---------|--------|-------|
| Zirconium | 91-1 | 725275 | 723264 | 718830 | 722456  | 0.46   | cps   |

LB Number : LB88853 Operator : Jaswal  
 Lab Sample ID : S6 Instrumnet Name : P7  
 Client Sample ID : S6 Dilution Factor : 1  
 Date & Time Acquired :: 2017-07-19 12:10:26 DataFile Name : 009CALS\_P7071917 -M9

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|------------|-------|----------|----------|----------|----------|--------|-------|
| Aluminium  | 27-2  | 638543   | 635703   | 639229   | 637825   | 0.29   | cps   |
| Antimony   | 121-1 | 4302867  | 4353330  | 4331025  | 4329074  | 0.58   | cps   |
| Arsenic    | 75-2  | 127645   | 127632   | 128089   | 127788   | 0.20   | cps   |
| Barium     | 135-1 | 5477206  | 5517054  | 5486153  | 5493471  | 0.38   | cps   |
| Barium     | 137-1 | 9322135  | 9410966  | 9396478  | 9376526  | 0.51   | cps   |
| Beryllium  | 9-1   | 552074   | 555990   | 552744   | 553603   | 0.38   | cps   |
| Bismuth    | 209-1 | 6911938  | 6799492  | 6886604  | 6866011  | 0.86   | cps   |
| Bismuth    | 209-2 | 4001086  | 4097730  | 4148554  | 4082457  | 1.83   | cps   |
| Boron      | 10-1  | 61316    | 61584    | 62153    | 61684    | 0.69   | cps   |
| Boron      | 11-1  | 296306   | 303326   | 300851   | 300161   | 1.19   | cps   |
| Cadmium    | 111-1 | 976327   | 982627   | 979887   | 979614   | 0.32   | cps   |
| Cadmium    | 106-1 | 108782   | 108841   | 106071   | 107898   | 1.47   | cps   |
| Cadmium    | 108-1 | 71186    | 71492    | 71278    | 71319    | 0.22   | cps   |
| Calcium    | 43-1  | 1056969  | 1063906  | 1057354  | 1059410  | 0.37   | cps   |
| Calcium    | 44-1  | 17143374 | 17090149 | 17028336 | 17087286 | 0.34   | cps   |
| Chromium   | 52-2  | 1057886  | 1052567  | 1057064  | 1055839  | 0.27   | cps   |
| Cobalt     | 59-2  | 1729506  | 1725162  | 1732514  | 1729061  | 0.21   | cps   |
| Copper     | 63-2  | 2466425  | 2461783  | 2476203  | 2468137  | 0.30   | cps   |
| Dysprosium | 156-1 | 133      | 175      | 208      | 172      | 21.82  | cps   |
| Dysprosium | 156-2 | 83       | 43       | 63       | 63       | 31.59  | cps   |
| Erbium     | 164-1 | 117      | 100      | 50       | 89       | 39.03  | cps   |
| Erbium     | 164-2 | 50       | 30       | 43       | 41       | 24.77  | cps   |
| Gadolinium | 160-1 | 108      | 125      | 108      | 114      | 8.45   | cps   |
| Gadolinium | 160-2 | 100      | 127      | 117      | 114      | 11.77  | cps   |
| Holmium    | 165-1 | 10573458 | 10309793 | 10571318 | 10484857 | 1.45   | cps   |
| Holmium    | 165-2 | 5229253  | 5367973  | 5463705  | 5353644  | 2.20   | cps   |
| Indium     | 115-1 | 7791981  | 7534245  | 7771814  | 7699347  | 1.86   | cps   |
| Indium     | 115-2 | 1494839  | 1525868  | 1552065  | 1524257  | 1.88   | cps   |
| Iron       | 56-2  | 43836763 | 43776550 | 43869559 | 43827624 | 0.11   | cps   |
| Iron       | 57-2  | 1103544  | 1093743  | 1109259  | 1102182  | 0.71   | cps   |
| Lead       | 206-1 | 3595705  | 3609275  | 3583036  | 3596005  | 0.36   | cps   |
| Lead       | 207-1 | 3304005  | 3287818  | 3272621  | 3288148  | 0.48   | cps   |
| Lead       | 208-1 | 14651678 | 14605574 | 14607692 | 14621648 | 0.18   | cps   |
| Lithium    | 6-1   | 1320990  | 1284895  | 1322841  | 1309575  | 1.63   | cps   |
| Magnesium  | 24-2  | 7436928  | 7421345  | 7459138  | 7439137  | 0.26   | cps   |
| Manganese  | 55-2  | 1237066  | 1229603  | 1242294  | 1236321  | 0.52   | cps   |

|                         |                     |                   |                      |
|-------------------------|---------------------|-------------------|----------------------|
| LB Number :             | LB88853             | Operator :        | Jaswal               |
| Lab Sample ID :         | S6                  | Instrumnet Name : | P7                   |
| Client Sample ID :      | S6                  | Dilution Factor : | 1                    |
| Date & Time Acquired :: | 2017-07-19 12:10:26 | DataFile Name :   | 009CALS_P7071917 -M9 |

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|------------|-------|----------|----------|----------|----------|--------|-------|
| Molybdenum | 94-1  | 3565453  | 3586621  | 3584465  | 3578846  | 0.33   | cps   |
| Molybdenum | 95-1  | 1987455  | 1996125  | 1989034  | 1990871  | 0.23   | cps   |
| Molybdenum | 96-1  | 2537026  | 2552149  | 2516149  | 2535108  | 0.71   | cps   |
| Molybdenum | 97-1  | 1236198  | 1237321  | 1227909  | 1233809  | 0.42   | cps   |
| Molybdenum | 98-1  | 3222571  | 3242826  | 3201711  | 3222369  | 0.64   | cps   |
| Neodymium  | 150-1 | 507      | 467      | 640      | 538      | 16.88  | cps   |
| Neodymium  | 150-2 | 73       | 80       | 57       | 70       | 17.17  | cps   |
| Nickel     | 60-2  | 449066   | 449509   | 449475   | 449350   | 0.05   | cps   |
| Phosphorus | 31-2  | 34240    | 34875    | 35961    | 35025    | 2.48   | cps   |
| Potassium  | 39-2  | 3973848  | 3942551  | 3991507  | 3969302  | 0.62   | cps   |
| Rhodium    | 103-1 | 6828398  | 6579152  | 6761118  | 6722890  | 1.92   | cps   |
| Rhodium    | 103-2 | 3095397  | 3160563  | 3208633  | 3154864  | 1.80   | cps   |
| Scandium   | 45-1  | 4313092  | 3974604  | 4229415  | 4172370  | 4.23   | cps   |
| Scandium   | 45-2  | 191026   | 191652   | 191564   | 191414   | 0.18   | cps   |
| Selenium   | 77-2  | 2790     | 2760     | 2630     | 2727     | 3.12   | cps   |
| Selenium   | 78-2  | 8869     | 8968     | 8884     | 8907     | 0.59   | cps   |
| Selenium   | 82-1  | 57291    | 57753    | 57552    | 57532    | 0.40   | cps   |
| Silicon    | 28-1  | 2543487  | 2584799  | 2573688  | 2567325  | 0.83   | cps   |
| Silver     | 109-1 | 4679098  | 4674817  | 4666243  | 4673386  | 0.14   | cps   |
| Silver     | 107-1 | 4865452  | 4897760  | 4856067  | 4873093  | 0.45   | cps   |
| Sodium     | 23-2  | 14052893 | 13902627 | 13995121 | 13983547 | 0.54   | cps   |
| Strontium  | 86-1  | 1256925  | 1283328  | 1283572  | 1274608  | 1.20   | cps   |
| Strontium  | 88-1  | 11222991 | 11149120 | 11168328 | 11180146 | 0.34   | cps   |
| Sulfur     | 34-1  | 534416   | 533137   | 531369   | 532974   | 0.29   | cps   |
| Terbium    | 159-1 | 10744225 | 10550823 | 10714895 | 10669981 | 0.98   | cps   |
| Terbium    | 159-2 | 5178488  | 5283811  | 5325132  | 5262477  | 1.44   | cps   |
| Thallium   | 203-1 | 4405280  | 4409215  | 4435415  | 4416637  | 0.37   | cps   |
| Thallium   | 205-1 | 10392527 | 10380951 | 10420367 | 10397948 | 0.19   | cps   |
| Tin        | 118-1 | 3472415  | 3503464  | 3473850  | 3483243  | 0.50   | cps   |
| Titanium   | 47-1  | 491423   | 503355   | 495099   | 496626   | 1.23   | cps   |
| Uranium    | 238-1 | 15128698 | 15162893 | 15105724 | 15132438 | 0.19   | cps   |
| Vanadium   | 51-2  | 887515   | 887138   | 889652   | 888101   | 0.15   | cps   |
| Yttrium    | 89-1  | 7911166  | 7645505  | 7866214  | 7807628  | 1.82   | cps   |
| Yttrium    | 89-2  | 1135190  | 1149996  | 1161008  | 1148731  | 1.13   | cps   |
| Zinc       | 66-2  | 339229   | 341230   | 339599   | 340019   | 0.31   | cps   |
| Zirconium  | 90-1  | 6587363  | 6632903  | 6619176  | 6613147  | 0.35   | cps   |



|                         |                     |                   |                      |
|-------------------------|---------------------|-------------------|----------------------|
| LB Number :             | LB88853             | Operator :        | Jaswal               |
| Lab Sample ID :         | S6                  | Instrumnet Name : | P7                   |
| Client Sample ID :      | S6                  | Dilution Factor : | 1                    |
| Date & Time Acquired :: | 2017-07-19 12:10:26 | DataFile Name :   | 009CALS_P7071917 -M9 |

| Parameter | Mass | CPS1    | CPS2    | CPS3    | CPSMean | CPSRSD | Units |
|-----------|------|---------|---------|---------|---------|--------|-------|
| Zirconium | 91-1 | 1466446 | 1494321 | 1478262 | 1479677 | 0.95   | cps   |

LB Number : LB88853 Operator : Jaswal  
 Lab Sample ID : S7 Instrumnet Name : P7  
 Client Sample ID : S7 Dilution Factor : 1  
 Date & Time Acquired :: 2017-07-19 12:14:02 DataFile Name : 010CAL5\_P7071917 -M9

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|------------|-------|----------|----------|----------|----------|--------|-------|
| Aluminium  | 27-2  | 1292109  | 1297509  | 1304931  | 1298183  | 0.50   | cps   |
| Antimony   | 121-1 | 8492797  | 8515566  | 8460325  | 8489563  | 0.33   | cps   |
| Arsenic    | 75-2  | 254799   | 256928   | 258425   | 256718   | 0.71   | cps   |
| Barium     | 135-1 | 10759790 | 10919303 | 10889590 | 10856228 | 0.78   | cps   |
| Barium     | 137-1 | 18610178 | 18866060 | 18783570 | 18753270 | 0.70   | cps   |
| Beryllium  | 9-1   | 1088538  | 1091020  | 1090301  | 1089953  | 0.12   | cps   |
| Bismuth    | 209-1 | 6917121  | 6788899  | 6829552  | 6845191  | 0.96   | cps   |
| Bismuth    | 209-2 | 3910758  | 4148385  | 4004737  | 4021293  | 2.98   | cps   |
| Boron      | 10-1  | 121014   | 119753   | 122550   | 121106   | 1.16   | cps   |
| Boron      | 11-1  | 589872   | 594230   | 603785   | 595962   | 1.19   | cps   |
| Cadmium    | 111-1 | 1908221  | 1917591  | 1910241  | 1912018  | 0.26   | cps   |
| Cadmium    | 106-1 | 206086   | 205916   | 209257   | 207086   | 0.91   | cps   |
| Cadmium    | 108-1 | 135784   | 136309   | 138010   | 136701   | 0.85   | cps   |
| Calcium    | 43-1  | 2116821  | 2125394  | 2119400  | 2120538  | 0.21   | cps   |
| Calcium    | 44-1  | 34247552 | 34280960 | 34357960 | 34295491 | 0.17   | cps   |
| Chromium   | 52-2  | 2124091  | 2125269  | 2122906  | 2124088  | 0.06   | cps   |
| Cobalt     | 59-2  | 3453227  | 3461046  | 3462695  | 3458990  | 0.15   | cps   |
| Copper     | 63-2  | 4871423  | 4886335  | 4912005  | 4889921  | 0.42   | cps   |
| Dysprosium | 156-1 | 217      | 242      | 175      | 211      | 15.95  | cps   |
| Dysprosium | 156-2 | 67       | 90       | 97       | 84       | 18.65  | cps   |
| Erbium     | 164-1 | 58       | 75       | 67       | 67       | 12.49  | cps   |
| Erbium     | 164-2 | 37       | 37       | 47       | 40       | 14.43  | cps   |
| Gadolinium | 160-1 | 117      | 150      | 150      | 139      | 13.86  | cps   |
| Gadolinium | 160-2 | 110      | 143      | 123      | 126      | 13.36  | cps   |
| Holmium    | 165-1 | 10486571 | 10368133 | 10446617 | 10433774 | 0.58   | cps   |
| Holmium    | 165-2 | 5238696  | 5521719  | 5310458  | 5356957  | 2.75   | cps   |
| Indium     | 115-1 | 7715279  | 7601466  | 7570727  | 7629157  | 1.00   | cps   |
| Indium     | 115-2 | 1474167  | 1560650  | 1496950  | 1510589  | 2.97   | cps   |
| Iron       | 56-2  | 87730208 | 87616644 | 88184883 | 87843911 | 0.34   | cps   |
| Iron       | 57-2  | 2204027  | 2215360  | 2222060  | 2213816  | 0.41   | cps   |
| Lead       | 206-1 | 6834748  | 6890628  | 6884781  | 6870052  | 0.45   | cps   |
| Lead       | 207-1 | 6423436  | 6445201  | 6472425  | 6447021  | 0.38   | cps   |
| Lead       | 208-1 | 28362443 | 28351319 | 28469444 | 28394402 | 0.23   | cps   |
| Lithium    | 6-1   | 1318511  | 1299879  | 1309525  | 1309305  | 0.71   | cps   |
| Magnesium  | 24-2  | 14895740 | 14899026 | 14840768 | 14878511 | 0.22   | cps   |
| Manganese  | 55-2  | 2477028  | 2482941  | 2494492  | 2484821  | 0.36   | cps   |

|                         |                     |                   |                      |
|-------------------------|---------------------|-------------------|----------------------|
| LB Number :             | LB88853             | Operator :        | Jaswal               |
| Lab Sample ID :         | S7                  | Instrumnet Name : | P7                   |
| Client Sample ID :      | S7                  | Dilution Factor : | 1                    |
| Date & Time Acquired :: | 2017-07-19 12:14:02 | DataFile Name :   | 010CAL5_P7071917 -M9 |

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|------------|-------|----------|----------|----------|----------|--------|-------|
| Molybdenum | 94-1  | 7009136  | 6979803  | 7018829  | 7002589  | 0.29   | cps   |
| Molybdenum | 95-1  | 3955642  | 3968276  | 3984921  | 3969613  | 0.37   | cps   |
| Molybdenum | 96-1  | 5027930  | 5072813  | 5094575  | 5065106  | 0.67   | cps   |
| Molybdenum | 97-1  | 2451152  | 2461634  | 2468182  | 2460323  | 0.35   | cps   |
| Molybdenum | 98-1  | 6375635  | 6339060  | 6309609  | 6341435  | 0.52   | cps   |
| Neodymium  | 150-1 | 847      | 873      | 1000     | 907      | 9.04   | cps   |
| Neodymium  | 150-2 | 77       | 87       | 103      | 89       | 15.16  | cps   |
| Nickel     | 60-2  | 885907   | 891858   | 891840   | 889868   | 0.39   | cps   |
| Phosphorus | 31-2  | 69806    | 70450    | 70023    | 70093    | 0.47   | cps   |
| Potassium  | 39-2  | 7799783  | 7881377  | 7848234  | 7843131  | 0.52   | cps   |
| Rhodium    | 103-1 | 6717968  | 6581213  | 6646701  | 6648627  | 1.03   | cps   |
| Rhodium    | 103-2 | 3054780  | 3191123  | 3101020  | 3115641  | 2.23   | cps   |
| Scandium   | 45-1  | 4303062  | 4261220  | 4281334  | 4281872  | 0.49   | cps   |
| Scandium   | 45-2  | 189190   | 200276   | 193482   | 194316   | 2.88   | cps   |
| Selenium   | 77-2  | 5331     | 5134     | 5364     | 5277     | 2.36   | cps   |
| Selenium   | 78-2  | 17744    | 17611    | 17902    | 17752    | 0.82   | cps   |
| Selenium   | 82-1  | 113042   | 114153   | 113296   | 113497   | 0.51   | cps   |
| Silicon    | 28-1  | 4543745  | 4586753  | 4555527  | 4562009  | 0.49   | cps   |
| Silver     | 109-1 | 9175013  | 9221207  | 9217196  | 9204472  | 0.28   | cps   |
| Silver     | 107-1 | 9587820  | 9548987  | 9587948  | 9574918  | 0.23   | cps   |
| Sodium     | 23-2  | 28152575 | 27865842 | 28037368 | 28018595 | 0.51   | cps   |
| Strontium  | 86-1  | 2553615  | 2562781  | 2556310  | 2557568  | 0.18   | cps   |
| Strontium  | 88-1  | 22185226 | 22277388 | 22143591 | 22202068 | 0.31   | cps   |
| Sulfur     | 34-1  | 835026   | 839294   | 830331   | 834884   | 0.54   | cps   |
| Terbium    | 159-1 | 10781825 | 10703659 | 10707882 | 10731122 | 0.41   | cps   |
| Terbium    | 159-2 | 5173494  | 5425919  | 5221162  | 5273525  | 2.54   | cps   |
| Thallium   | 203-1 | 8540616  | 8577013  | 8676024  | 8597884  | 0.82   | cps   |
| Thallium   | 205-1 | 20189919 | 20249999 | 20462460 | 20300793 | 0.71   | cps   |
| Tin        | 118-1 | 6807073  | 6867437  | 6792534  | 6822348  | 0.58   | cps   |
| Titanium   | 47-1  | 992974   | 993823   | 998707   | 995168   | 0.31   | cps   |
| Uranium    | 238-1 | 29446184 | 29345889 | 29429502 | 29407192 | 0.18   | cps   |
| Vanadium   | 51-2  | 1795377  | 1803918  | 1797795  | 1799030  | 0.24   | cps   |
| Yttrium    | 89-1  | 7985198  | 7861302  | 7913355  | 7919952  | 0.79   | cps   |
| Yttrium    | 89-2  | 1146869  | 1193978  | 1160223  | 1167023  | 2.08   | cps   |
| Zinc       | 66-2  | 667901   | 669656   | 673887   | 670481   | 0.46   | cps   |
| Zirconium  | 90-1  | 13035175 | 13097945 | 13076822 | 13069981 | 0.24   | cps   |

|                         |                     |                   |                      |
|-------------------------|---------------------|-------------------|----------------------|
| LB Number :             | LB88853             | Operator :        | Jaswal               |
| Lab Sample ID :         | S7                  | Instrumnet Name : | P7                   |
| Client Sample ID :      | S7                  | Dilution Factor : | 1                    |
| Date & Time Acquired :: | 2017-07-19 12:14:02 | DataFile Name :   | 010CALS_P7071917 -M9 |

| Parameter | Mass | CPS1    | CPS2    | CPS3    | CPSMean | CPSRSD | Units |
|-----------|------|---------|---------|---------|---------|--------|-------|
| Zirconium | 91-1 | 2918793 | 2918859 | 2946739 | 2928130 | 0.55   | cps   |

|                         |                     |                   |                      |
|-------------------------|---------------------|-------------------|----------------------|
| LB Number :             | LB88853             | Operator :        | Jaswal               |
| Lab Sample ID :         | S8                  | Instrumnet Name : | P7                   |
| Client Sample ID :      | S8                  | Dilution Factor : | 1                    |
| Date & Time Acquired :: | 2017-07-19 12:17:34 | DataFile Name :   | 011CAL5_P7071917 -M5 |

| Parameter  | Mass  | CPS1      | CPS2      | CPS3      | CPSMean   | CPSRSD | Units |
|------------|-------|-----------|-----------|-----------|-----------|--------|-------|
| Aluminium  | 27-2  | 6949666   | 6920817   | 6968762   | 6946415   | 0.35   | cps   |
| Antimony   | 121-1 | 32238     | 31461     | 30542     | 31414     | 2.70   | cps   |
| Arsenic    | 75-2  | 207       | 207       | 219       | 211       | 3.04   | cps   |
| Barium     | 135-1 | 5451      | 5110      | 5135      | 5232      | 3.64   | cps   |
| Barium     | 137-1 | 8845      | 8903      | 9045      | 8931      | 1.15   | cps   |
| Beryllium  | 9-1   | 1167      | 1150      | 1145      | 1154      | 1.00   | cps   |
| Bismuth    | 209-1 | 6196621   | 6234919   | 6185711   | 6205750   | 0.42   | cps   |
| Bismuth    | 209-2 | 3670181   | 3665351   | 3707843   | 3681125   | 0.63   | cps   |
| Boron      | 10-1  | 7827      | 7402      | 7202      | 7477      | 4.27   | cps   |
| Boron      | 11-1  | 38091     | 35701     | 34089     | 35960     | 5.60   | cps   |
| Cadmium    | 111-1 | 2610      | 2459      | 2777      | 2615      | 6.07   | cps   |
| Cadmium    | 106-1 | 3059      | 2859      | 3192      | 3037      | 5.53   | cps   |
| Cadmium    | 108-1 | 63        | 54        | 29        | 49        | 35.68  | cps   |
| Calcium    | 43-1  | 11076320  | 11127494  | 11173970  | 11125928  | 0.44   | cps   |
| Calcium    | 44-1  | 180761058 | 180397179 | 181351700 | 180836646 | 0.27   | cps   |
| Chromium   | 52-2  | 55046     | 55066     | 54169     | 54760     | 0.93   | cps   |
| Cobalt     | 59-2  | 6305      | 6131      | 5865      | 6100      | 3.63   | cps   |
| Copper     | 63-2  | 11665     | 11541     | 11521     | 11576     | 0.67   | cps   |
| Dysprosium | 156-1 | 167       | 267       | 208       | 214       | 23.49  | cps   |
| Dysprosium | 156-2 | 60        | 83        | 40        | 61        | 35.49  | cps   |
| Erbium     | 164-1 | 83        | 75        | 75        | 78        | 6.19   | cps   |
| Erbium     | 164-2 | 53        | 30        | 60        | 48        | 32.97  | cps   |
| Gadolinium | 160-1 | 175       | 175       | 175       | 175       | 0.00   | cps   |
| Gadolinium | 160-2 | 113       | 100       | 107       | 107       | 6.25   | cps   |
| Holmium    | 165-1 | 10204442  | 10223007  | 10221808  | 10216419  | 0.10   | cps   |
| Holmium    | 165-2 | 5243344   | 5201883   | 5258872   | 5234700   | 0.56   | cps   |
| Indium     | 115-1 | 7422607   | 7638553   | 7472309   | 7511156   | 1.51   | cps   |
| Indium     | 115-2 | 1491097   | 1485348   | 1529234   | 1501893   | 1.59   | cps   |
| Iron       | 56-2  | 443739832 | 441520577 | 442525488 | 442595299 | 0.25   | cps   |
| Iron       | 57-2  | 11242652  | 11106492  | 11154034  | 11167726  | 0.62   | cps   |
| Lead       | 206-1 | 15020     | 15014     | 15087     | 15040     | 0.27   | cps   |
| Lead       | 207-1 | 13329     | 12501     | 13035     | 12955     | 3.24   | cps   |
| Lead       | 208-1 | 59553     | 58541     | 59503     | 59199     | 0.96   | cps   |
| Lithium    | 6-1   | 1314456   | 1331760   | 1337127   | 1327781   | 0.89   | cps   |
| Magnesium  | 24-2  | 79197785  | 79331954  | 78866668  | 79132136  | 0.30   | cps   |
| Manganese  | 55-2  | 11291     | 11278     | 11341     | 11303     | 0.30   | cps   |

|                         |                     |                   |                      |
|-------------------------|---------------------|-------------------|----------------------|
| LB Number :             | LB88853             | Operator :        | Jaswal               |
| Lab Sample ID :         | S8                  | Instrumnet Name : | P7                   |
| Client Sample ID :      | S8                  | Dilution Factor : | 1                    |
| Date & Time Acquired :: | 2017-07-19 12:17:34 | DataFile Name :   | 011CAL5_P7071917 -M5 |

| Parameter  | Mass  | CPS1      | CPS2      | CPS3      | CPSMean   | CPSRSD | Units |
|------------|-------|-----------|-----------|-----------|-----------|--------|-------|
| Molybdenum | 94-1  | 12631     | 12798     | 12731     | 12720     | 0.66   | cps   |
| Molybdenum | 95-1  | 19356     | 19122     | 18646     | 19041     | 1.90   | cps   |
| Molybdenum | 96-1  | 27168     | 27260     | 27202     | 27210     | 0.17   | cps   |
| Molybdenum | 97-1  | 12039     | 11655     | 12206     | 11967     | 2.36   | cps   |
| Molybdenum | 98-1  | 29999     | 29765     | 30600     | 30122     | 1.43   | cps   |
| Neodymium  | 150-1 | 200       | 127       | 120       | 149       | 29.81  | cps   |
| Neodymium  | 150-2 | 47        | 53        | 37        | 46        | 18.41  | cps   |
| Nickel     | 60-2  | 14544     | 14904     | 14511     | 14653     | 1.49   | cps   |
| Phosphorus | 31-2  | 175       | 192       | 208       | 192       | 8.70   | cps   |
| Potassium  | 39-2  | 41519363  | 41701473  | 41569774  | 41596870  | 0.23   | cps   |
| Rhodium    | 103-1 | 6226281   | 6346098   | 6287124   | 6286501   | 0.95   | cps   |
| Rhodium    | 103-2 | 2925945   | 2917661   | 2980477   | 2941361   | 1.16   | cps   |
| Scandium   | 45-1  | 4344047   | 4413982   | 4437502   | 4398511   | 1.11   | cps   |
| Scandium   | 45-2  | 203447    | 205264    | 207825    | 205512    | 1.07   | cps   |
| Selenium   | 77-2  | 3         | 23        | 3         | 10        | 115.51 | cps   |
| Selenium   | 78-2  | 91        | 78        | 67        | 78        | 15.37  | cps   |
| Selenium   | 82-1  | 188       | 159       | 235       | 194       | 19.80  | cps   |
| Silicon    | 28-1  | 371253    | 367616    | 369798    | 369556    | 0.50   | cps   |
| Silver     | 109-1 | 1684      | 1817      | 1842      | 1781      | 4.78   | cps   |
| Silver     | 107-1 | 1750      | 1700      | 1859      | 1770      | 4.57   | cps   |
| Sodium     | 23-2  | 148899141 | 147766670 | 148529370 | 148398394 | 0.39   | cps   |
| Strontium  | 86-1  | 88120     | 88438     | 87592     | 88050     | 0.49   | cps   |
| Strontium  | 88-1  | 767282    | 762745    | 773422    | 767816    | 0.70   | cps   |
| Sulfur     | 34-1  | 251862    | 258321    | 260008    | 256730    | 1.67   | cps   |
| Terbium    | 159-1 | 10467155  | 10494390  | 10409576  | 10457040  | 0.41   | cps   |
| Terbium    | 159-2 | 5128126   | 5098058   | 5206185   | 5144123   | 1.08   | cps   |
| Thallium   | 203-1 | 6268      | 5318      | 5476      | 5688      | 8.95   | cps   |
| Thallium   | 205-1 | 14825     | 13466     | 14250     | 14180     | 4.81   | cps   |
| Tin        | 118-1 | 10821     | 10788     | 10613     | 10741     | 1.04   | cps   |
| Titanium   | 47-1  | 1884      | 1884      | 1950      | 1906      | 2.02   | cps   |
| Uranium    | 238-1 | 7536      | 7411      | 7294      | 7414      | 1.63   | cps   |
| Vanadium   | 51-2  | 970       | 900       | 997       | 956       | 5.23   | cps   |
| Yttrium    | 89-1  | 7754398   | 7862381   | 7845252   | 7820677   | 0.74   | cps   |
| Yttrium    | 89-2  | 1183748   | 1173945   | 1196976   | 1184890   | 0.98   | cps   |
| Zinc       | 66-2  | 4948      | 5024      | 5001      | 4991      | 0.79   | cps   |
| Zirconium  | 90-1  | 5143      | 5235      | 4784      | 5054      | 4.71   | cps   |

|                         |                     |                   |                      |
|-------------------------|---------------------|-------------------|----------------------|
| LB Number :             | LB88853             | Operator :        | Jaswal               |
| Lab Sample ID :         | S8                  | Instrumnet Name : | P7                   |
| Client Sample ID :      | S8                  | Dilution Factor : | 1                    |
| Date & Time Acquired :: | 2017-07-19 12:17:34 | DataFile Name :   | 011CALS_P7071917 -MS |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|-----------|------|------|------|------|---------|--------|-------|
| Zirconium | 91-1 | 1342 | 1142 | 1175 | 1220    | 8.79   | cps   |

LB Number : LB88853 Operator : Jaswal  
 Lab Sample ID : ICV01 Instrumnet Name : P7  
 Client Sample ID : ICV01 Dilution Factor : 1  
 Date & Time Acquired :: 2017-07-19 12:21:15 DataFile Name : 012ICV01\_P7071917 -M:

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|------------|-------|----------|----------|----------|----------|--------|-------|
| Aluminium  | 27-2  | 35485    | 36011    | 34766    | 35421    | 1.76   | cps   |
| Antimony   | 121-1 | 1765747  | 1752904  | 1765233  | 1761295  | 0.41   | cps   |
| Arsenic    | 75-2  | 55234    | 54924    | 54332    | 54830    | 0.84   | cps   |
| Barium     | 135-1 | 229751   | 227955   | 226204   | 227970   | 0.78   | cps   |
| Barium     | 137-1 | 393254   | 394485   | 394903   | 394214   | 0.22   | cps   |
| Beryllium  | 9-1   | 123011   | 123346   | 120972   | 122443   | 1.05   | cps   |
| Bismuth    | 209-1 | 7481693  | 7554128  | 7504756  | 7513525  | 0.49   | cps   |
| Bismuth    | 209-2 | 4526605  | 4490441  | 4506403  | 4507816  | 0.40   | cps   |
| Boron      | 10-1  | 76862    | 77046    | 77548    | 77152    | 0.46   | cps   |
| Boron      | 11-1  | 370936   | 381067   | 376875   | 376293   | 1.35   | cps   |
| Cadmium    | 111-1 | 219234   | 221451   | 216659   | 219115   | 1.09   | cps   |
| Cadmium    | 106-1 | 42950    | 44044    | 42072    | 43022    | 2.30   | cps   |
| Cadmium    | 108-1 | 21604    | 22030    | 21629    | 21754    | 1.10   | cps   |
| Calcium    | 43-1  | 50286    | 50688    | 51231    | 50735    | 0.93   | cps   |
| Calcium    | 44-1  | 797005   | 789557   | 795244   | 793936   | 0.49   | cps   |
| Chromium   | 52-2  | 225977   | 224719   | 226657   | 225784   | 0.44   | cps   |
| Cobalt     | 59-2  | 381524   | 381125   | 381140   | 381263   | 0.06   | cps   |
| Copper     | 63-2  | 273729   | 275217   | 275237   | 274728   | 0.31   | cps   |
| Dysprosium | 156-1 | 17       | 0        | 8        | 8        | 100.02 | cps   |
| Dysprosium | 156-2 | 7        | 7        | 10       | 8        | 24.71  | cps   |
| Erbium     | 164-1 | 117      | 75       | 75       | 89       | 27.07  | cps   |
| Erbium     | 164-2 | 50       | 43       | 30       | 41       | 24.77  | cps   |
| Gadolinium | 160-1 | 100      | 67       | 75       | 81       | 21.53  | cps   |
| Gadolinium | 160-2 | 103      | 73       | 87       | 88       | 17.13  | cps   |
| Holmium    | 165-1 | 11164910 | 11260715 | 11100105 | 11175243 | 0.72   | cps   |
| Holmium    | 165-2 | 5718229  | 5675878  | 5658446  | 5684184  | 0.54   | cps   |
| Indium     | 115-1 | 8585008  | 8644555  | 8506154  | 8578572  | 0.81   | cps   |
| Indium     | 115-2 | 1687366  | 1677432  | 1669775  | 1678191  | 0.53   | cps   |
| Iron       | 56-2  | 1948178  | 1946013  | 1947332  | 1947174  | 0.06   | cps   |
| Iron       | 57-2  | 48497    | 48118    | 47934    | 48183    | 0.60   | cps   |
| Lead       | 206-1 | 1514238  | 1515859  | 1500741  | 1510279  | 0.55   | cps   |
| Lead       | 207-1 | 1328165  | 1328672  | 1317418  | 1324751  | 0.48   | cps   |
| Lead       | 208-1 | 6087905  | 6080462  | 6070176  | 6079514  | 0.15   | cps   |
| Lithium    | 6-1   | 1508470  | 1495229  | 1481668  | 1495122  | 0.90   | cps   |
| Magnesium  | 24-2  | 197323   | 195450   | 197848   | 196874   | 0.64   | cps   |
| Manganese  | 55-2  | 133576   | 133519   | 133748   | 133614   | 0.09   | cps   |



|                         |                     |                   |                       |
|-------------------------|---------------------|-------------------|-----------------------|
| LB Number :             | LB88853             | Operator :        | Jaswal                |
| Lab Sample ID :         | ICV01               | Instrumnet Name : | P7                    |
| Client Sample ID :      | ICV01               | Dilution Factor : | 1                     |
| Date & Time Acquired :: | 2017-07-19 12:21:15 | DataFile Name :   | 012ICV01_P7071917 -M: |

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|------------|-------|----------|----------|----------|----------|--------|-------|
| Molybdenum | 94-1  | 3873339  | 3886754  | 3880572  | 3880222  | 0.17   | cps   |
| Molybdenum | 95-1  | 2096657  | 2083096  | 2093379  | 2091044  | 0.34   | cps   |
| Molybdenum | 96-1  | 2696101  | 2671682  | 2668885  | 2678889  | 0.56   | cps   |
| Molybdenum | 97-1  | 1309492  | 1290759  | 1294361  | 1298204  | 0.77   | cps   |
| Molybdenum | 98-1  | 3383032  | 3379090  | 3365229  | 3375784  | 0.28   | cps   |
| Neodymium  | 150-1 | 20       | 27       | 27       | 24       | 15.75  | cps   |
| Neodymium  | 150-2 | 7        | 3        | 10       | 7        | 50.03  | cps   |
| Nickel     | 60-2  | 99052    | 101203   | 101549   | 100601   | 1.34   | cps   |
| Phosphorus | 31-2  | 142      | 75       | 250      | 156      | 56.78  | cps   |
| Potassium  | 39-2  | 372079   | 368200   | 376864   | 372381   | 1.17   | cps   |
| Rhodium    | 103-1 | 7758358  | 7733293  | 7675024  | 7722225  | 0.55   | cps   |
| Rhodium    | 103-2 | 3578122  | 3538212  | 3542709  | 3553014  | 0.62   | cps   |
| Scandium   | 45-1  | 4850535  | 4825656  | 4779871  | 4818687  | 0.74   | cps   |
| Scandium   | 45-2  | 217545   | 216931   | 218747   | 217741   | 0.42   | cps   |
| Selenium   | 77-2  | 1143     | 1207     | 1133     | 1161     | 3.43   | cps   |
| Selenium   | 78-2  | 3973     | 3999     | 3789     | 3920     | 2.91   | cps   |
| Selenium   | 82-1  | 25284    | 25263    | 25076    | 25208    | 0.45   | cps   |
| Silicon    | 28-1  | 2604647  | 2614893  | 2613909  | 2611150  | 0.22   | cps   |
| Silver     | 109-1 | 993681   | 1000887  | 996697   | 997088   | 0.36   | cps   |
| Silver     | 107-1 | 1057791  | 1042105  | 1053228  | 1051041  | 0.77   | cps   |
| Sodium     | 23-2  | 630394   | 625266   | 625677   | 627112   | 0.45   | cps   |
| Strontium  | 86-1  | 1368903  | 1366062  | 1361551  | 1365505  | 0.27   | cps   |
| Strontium  | 88-1  | 11996281 | 12090945 | 12041545 | 12042923 | 0.39   | cps   |
| Sulfur     | 34-1  | 261101   | 263034   | 259996   | 261377   | 0.59   | cps   |
| Terbium    | 159-1 | 11566724 | 11555476 | 11476539 | 11532913 | 0.43   | cps   |
| Terbium    | 159-2 | 5619828  | 5603048  | 5611221  | 5611366  | 0.15   | cps   |
| Thallium   | 203-1 | 1856701  | 1852886  | 1862439  | 1857342  | 0.26   | cps   |
| Thallium   | 205-1 | 4512129  | 4537383  | 4493348  | 4514286  | 0.49   | cps   |
| Tin        | 118-1 | 3690472  | 3665384  | 3688666  | 3681507  | 0.38   | cps   |
| Titanium   | 47-1  | 537646   | 542872   | 534636   | 538385   | 0.77   | cps   |
| Uranium    | 238-1 | 15092802 | 15164373 | 15182130 | 15146435 | 0.31   | cps   |
| Vanadium   | 51-2  | 190100   | 188571   | 189843   | 189505   | 0.43   | cps   |
| Yttrium    | 89-1  | 8783299  | 8750529  | 8625936  | 8719921  | 0.95   | cps   |
| Yttrium    | 89-2  | 1275962  | 1273428  | 1271809  | 1273733  | 0.16   | cps   |
| Zinc       | 66-2  | 75534    | 75209    | 75323    | 75355    | 0.22   | cps   |
| Zirconium  | 90-1  | 7334987  | 7314973  | 7351502  | 7333821  | 0.25   | cps   |

|                         |                     |                   |                       |
|-------------------------|---------------------|-------------------|-----------------------|
| LB Number :             | LB88853             | Operator :        | Jaswal                |
| Lab Sample ID :         | ICV01               | Instrumnet Name : | P7                    |
| Client Sample ID :      | ICV01               | Dilution Factor : | 1                     |
| Date & Time Acquired :: | 2017-07-19 12:21:15 | DataFile Name :   | 012ICV01_P7071917 -M: |

| Parameter | Mass | CPS1    | CPS2    | CPS3    | CPSMean | CPSRSD | Units |
|-----------|------|---------|---------|---------|---------|--------|-------|
| Zirconium | 91-1 | 1628045 | 1624148 | 1629768 | 1627320 | 0.18   | cps   |

|                         |                     |                   |                     |
|-------------------------|---------------------|-------------------|---------------------|
| LB Number :             | LB88853             | Operator :        | Jaswal              |
| Lab Sample ID :         | ICB01               | Instrumnet Name : | P7                  |
| Client Sample ID :      | ICB01               | Dilution Factor : | 1                   |
| Date & Time Acquired :: | 2017-07-19 12:26:30 | DataFile Name :   | 013CCBE_P7071917 -M |

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|------------|-------|----------|----------|----------|----------|--------|-------|
| Aluminium  | 27-2  | 75       | 83       | 75       | 78       | 6.19   | cps   |
| Antimony   | 121-1 | 4326     | 4117     | 4026     | 4156     | 3.70   | cps   |
| Arsenic    | 75-2  | 24       | 56       | 48       | 43       | 38.65  | cps   |
| Barium     | 135-1 | 125      | 108      | 58       | 97       | 35.68  | cps   |
| Barium     | 137-1 | 117      | 108      | 117      | 114      | 4.22   | cps   |
| Beryllium  | 9-1   | 511      | 544      | 489      | 515      | 5.43   | cps   |
| Bismuth    | 209-1 | 7666997  | 7539534  | 7461846  | 7556126  | 1.37   | cps   |
| Bismuth    | 209-2 | 4192948  | 4372103  | 4354783  | 4306611  | 2.29   | cps   |
| Boron      | 10-1  | 2667     | 2542     | 2359     | 2523     | 6.15   | cps   |
| Boron      | 11-1  | 12164    | 11780    | 11697    | 11880    | 2.10   | cps   |
| Cadmium    | 111-1 | 2297     | 2237     | 2175     | 2236     | 2.73   | cps   |
| Cadmium    | 106-1 | 3251     | 3117     | 3050     | 3139     | 3.24   | cps   |
| Cadmium    | 108-1 | 17       | 4        | 21       | 14       | 62.43  | cps   |
| Calcium    | 43-1  | 350      | 233      | 325      | 303      | 20.29  | cps   |
| Calcium    | 44-1  | 6944     | 6802     | 6502     | 6749     | 3.34   | cps   |
| Chromium   | 52-2  | 550      | 497      | 487      | 511      | 6.66   | cps   |
| Cobalt     | 59-2  | 173      | 177      | 187      | 179      | 3.88   | cps   |
| Copper     | 63-2  | 1250     | 1313     | 1287     | 1283     | 2.48   | cps   |
| Dysprosium | 156-1 | 17       | 0        | 0        | 6        | 173.21 | cps   |
| Dysprosium | 156-2 | 7        | 3        | 3        | 4        | 43.40  | cps   |
| Erbium     | 164-1 | 8        | 33       | 50       | 31       | 68.64  | cps   |
| Erbium     | 164-2 | 13       | 13       | 17       | 14       | 13.35  | cps   |
| Gadolinium | 160-1 | 75       | 92       | 50       | 72       | 29.04  | cps   |
| Gadolinium | 160-2 | 93       | 87       | 100      | 93       | 7.14   | cps   |
| Holmium    | 165-1 | 11281499 | 11293465 | 11122782 | 11232582 | 0.85   | cps   |
| Holmium    | 165-2 | 5354251  | 5538794  | 5465766  | 5452937  | 1.70   | cps   |
| Indium     | 115-1 | 8661418  | 8526507  | 8455606  | 8547844  | 1.22   | cps   |
| Indium     | 115-2 | 1577254  | 1647077  | 1630156  | 1618163  | 2.25   | cps   |
| Iron       | 56-2  | 9731     | 10398    | 9620     | 9917     | 4.25   | cps   |
| Iron       | 57-2  | 333      | 300      | 422      | 352      | 17.96  | cps   |
| Lead       | 206-1 | 1656     | 1750     | 1778     | 1728     | 3.71   | cps   |
| Lead       | 207-1 | 1572     | 1645     | 1606     | 1608     | 2.25   | cps   |
| Lead       | 208-1 | 7262     | 7229     | 7262     | 7251     | 0.27   | cps   |
| Lithium    | 6-1   | 1469942  | 1447346  | 1438704  | 1451997  | 1.11   | cps   |
| Magnesium  | 24-2  | 1167     | 942      | 1083     | 1064     | 10.69  | cps   |
| Manganese  | 55-2  | 307      | 320      | 330      | 319      | 3.67   | cps   |

|                         |                     |                   |                     |
|-------------------------|---------------------|-------------------|---------------------|
| LB Number :             | LB88853             | Operator :        | Jaswal              |
| Lab Sample ID :         | ICB01               | Instrumnet Name : | P7                  |
| Client Sample ID :      | ICB01               | Dilution Factor : | 1                   |
| Date & Time Acquired :: | 2017-07-19 12:26:30 | DataFile Name :   | 013CCBE_P7071917 -M |

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|------------|-------|----------|----------|----------|----------|--------|-------|
| Molybdenum | 94-1  | 900      | 892      | 1033     | 942      | 8.44   | cps   |
| Molybdenum | 95-1  | 767      | 925      | 725      | 806      | 13.10  | cps   |
| Molybdenum | 96-1  | 1150     | 958      | 1125     | 1078     | 9.67   | cps   |
| Molybdenum | 97-1  | 525      | 642      | 683      | 617      | 13.31  | cps   |
| Molybdenum | 98-1  | 1408     | 1534     | 1275     | 1406     | 9.19   | cps   |
| Neodymium  | 150-1 | 0        | 20       | 7        | 9        | 114.55 | cps   |
| Neodymium  | 150-2 | 0        | 3        | 0        | 1        | 173.21 | cps   |
| Nickel     | 60-2  | 683      | 587      | 727      | 666      | 10.77  | cps   |
| Phosphorus | 31-2  | 208      | 175      | 167      | 183      | 12.02  | cps   |
| Potassium  | 39-2  | 29029    | 29990    | 30566    | 29862    | 2.60   | cps   |
| Rhodium    | 103-1 | 7713800  | 7624159  | 7498709  | 7612223  | 1.42   | cps   |
| Rhodium    | 103-2 | 3326135  | 3461688  | 3416812  | 3401545  | 2.03   | cps   |
| Scandium   | 45-1  | 4774118  | 4657941  | 4624582  | 4685547  | 1.68   | cps   |
| Scandium   | 45-2  | 195249   | 207790   | 202047   | 201695   | 3.11   | cps   |
| Selenium   | 77-2  | 0        | 0        | 0        | 0        | 0.00   | cps   |
| Selenium   | 78-2  | 72       | 70       | 76       | 73       | 3.89   | cps   |
| Selenium   | 82-1  | 48       | 12       | 12       | 24       | 85.15  | cps   |
| Silicon    | 28-1  | 307477   | 304487   | 302944   | 304969   | 0.76   | cps   |
| Silver     | 109-1 | 117      | 158      | 158      | 144      | 16.66  | cps   |
| Silver     | 107-1 | 192      | 192      | 125      | 169      | 22.71  | cps   |
| Sodium     | 23-2  | 12447    | 12731    | 12497    | 12559    | 1.21   | cps   |
| Strontium  | 86-1  | 833      | 750      | 792      | 792      | 5.26   | cps   |
| Strontium  | 88-1  | 283      | 300      | 258      | 281      | 7.48   | cps   |
| Sulfur     | 34-1  | 259896   | 258658   | 256308   | 258287   | 0.71   | cps   |
| Terbium    | 159-1 | 11681386 | 11611523 | 11440019 | 11577643 | 1.07   | cps   |
| Terbium    | 159-2 | 5281616  | 5459401  | 5435573  | 5392197  | 1.79   | cps   |
| Thallium   | 203-1 | 642      | 667      | 550      | 619      | 9.92   | cps   |
| Thallium   | 205-1 | 1300     | 1492     | 1208     | 1333     | 10.84  | cps   |
| Tin        | 118-1 | 3184     | 2992     | 2909     | 3028     | 4.66   | cps   |
| Titanium   | 47-1  | 125      | 117      | 142      | 128      | 9.96   | cps   |
| Uranium    | 238-1 | 558      | 608      | 533      | 567      | 6.74   | cps   |
| Vanadium   | 51-2  | 20       | 37       | 47       | 34       | 39.11  | cps   |
| Yttrium    | 89-1  | 8722420  | 8580228  | 8436095  | 8579581  | 1.67   | cps   |
| Yttrium    | 89-2  | 1178603  | 1226874  | 1213737  | 1206405  | 2.07   | cps   |
| Zinc       | 66-2  | 183      | 183      | 253      | 207      | 19.55  | cps   |
| Zirconium  | 90-1  | 1275     | 1267     | 1233     | 1258     | 1.75   | cps   |

|                         |                     |                   |                      |
|-------------------------|---------------------|-------------------|----------------------|
| LB Number :             | LB88853             | Operator :        | Jaswal               |
| Lab Sample ID :         | ICB01               | Instrumnet Name : | P7                   |
| Client Sample ID :      | ICB01               | Dilution Factor : | 1                    |
| Date & Time Acquired :: | 2017-07-19 12:26:30 | DataFile Name :   | 013CCBE_P7071917 -M: |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|-----------|------|------|------|------|---------|--------|-------|
| Zirconium | 91-1 | 233  | 308  | 250  | 264     | 14.92  | cps   |

LB Number : LB88853 Operator : Jaswal  
 Lab Sample ID : ICSA01 Instrumnet Name : P7  
 Client Sample ID : ICSA01 Dilution Factor : 1  
 Date & Time Acquired :: 2017-07-19 12:29:58 DataFile Name : 014ICSA01\_P7071917-1

| Parameter  | Mass  | CPS1      | CPS2      | CPS3      | CPSMean   | CPSRSD | Units |
|------------|-------|-----------|-----------|-----------|-----------|--------|-------|
| Aluminium  | 27-2  | 6178938   | 6178476   | 6168599   | 6175338   | 0.09   | cps   |
| Antimony   | 121-1 | 12381     | 11964     | 12231     | 12192     | 1.73   | cps   |
| Arsenic    | 75-2  | 89        | 93        | 117       | 99        | 15.18  | cps   |
| Barium     | 135-1 | 3251      | 3367      | 3392      | 3337      | 2.27   | cps   |
| Barium     | 137-1 | 5818      | 5760      | 5618      | 5732      | 1.80   | cps   |
| Beryllium  | 9-1   | 572       | 833       | 756       | 720       | 18.61  | cps   |
| Bismuth    | 209-1 | 6945782   | 6952037   | 6873719   | 6923846   | 0.63   | cps   |
| Bismuth    | 209-2 | 3936186   | 4061250   | 4081509   | 4026315   | 1.95   | cps   |
| Boron      | 10-1  | 2092      | 2017      | 2234      | 2114      | 5.21   | cps   |
| Boron      | 11-1  | 9670      | 9437      | 9453      | 9520      | 1.37   | cps   |
| Cadmium    | 111-1 | 2587      | 2901      | 3033      | 2841      | 8.07   | cps   |
| Cadmium    | 106-1 | 2775      | 2975      | 3050      | 2934      | 4.85   | cps   |
| Cadmium    | 108-1 | 1508      | 1575      | 1438      | 1507      | 4.56   | cps   |
| Calcium    | 43-1  | 2125606   | 2128177   | 2121946   | 2125243   | 0.15   | cps   |
| Calcium    | 44-1  | 34543164  | 34377973  | 34686555  | 34535897  | 0.45   | cps   |
| Chromium   | 52-2  | 42628     | 41933     | 42481     | 42347     | 0.87   | cps   |
| Cobalt     | 59-2  | 4364      | 4357      | 4377      | 4366      | 0.23   | cps   |
| Copper     | 63-2  | 21219     | 21052     | 21396     | 21222     | 0.81   | cps   |
| Dysprosium | 156-1 | 33        | 25        | 50        | 36        | 35.25  | cps   |
| Dysprosium | 156-2 | 17        | 37        | 23        | 26        | 39.85  | cps   |
| Erbium     | 164-1 | 83        | 92        | 50        | 75        | 29.40  | cps   |
| Erbium     | 164-2 | 23        | 27        | 37        | 29        | 24.03  | cps   |
| Gadolinium | 160-1 | 133       | 92        | 133       | 119       | 20.14  | cps   |
| Gadolinium | 160-2 | 107       | 107       | 117       | 110       | 5.25   | cps   |
| Holmium    | 165-1 | 10852137  | 10765608  | 10753127  | 10790291  | 0.50   | cps   |
| Holmium    | 165-2 | 5306232   | 5467870   | 5473300   | 5415801   | 1.75   | cps   |
| Indium     | 115-1 | 8036990   | 8038607   | 7943398   | 8006332   | 0.68   | cps   |
| Indium     | 115-2 | 1537162   | 1589843   | 1590041   | 1572349   | 1.94   | cps   |
| Iron       | 56-2  | 175213587 | 174512409 | 175329832 | 175018609 | 0.25   | cps   |
| Iron       | 57-2  | 4431963   | 4431816   | 4445688   | 4436489   | 0.18   | cps   |
| Lead       | 206-1 | 33632     | 33710     | 32813     | 33385     | 1.49   | cps   |
| Lead       | 207-1 | 26945     | 27245     | 26661     | 26950     | 1.08   | cps   |
| Lead       | 208-1 | 127293    | 127734    | 125437    | 126821    | 0.96   | cps   |
| Lithium    | 6-1   | 1358614   | 1344806   | 1326987   | 1343469   | 1.18   | cps   |
| Magnesium  | 24-2  | 14691037  | 14616051  | 14655870  | 14654319  | 0.26   | cps   |
| Manganese  | 55-2  | 9977      | 9893      | 10157     | 10009     | 1.35   | cps   |

LB Number : LB88853 Operator : Jaswal  
 Lab Sample ID : ICSA01 Instrumnet Name : P7  
 Client Sample ID : ICSA01 Dilution Factor : 1  
 Date & Time Acquired :: 2017-07-19 12:29:58 DataFile Name : 014ICSA01\_P7071917-1

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|------------|-------|----------|----------|----------|----------|--------|-------|
| Molybdenum | 94-1  | 4412303  | 4404425  | 4399805  | 4405511  | 0.14   | cps   |
| Molybdenum | 95-1  | 7890191  | 7853928  | 7945211  | 7896444  | 0.58   | cps   |
| Molybdenum | 96-1  | 8301847  | 8331888  | 8346433  | 8326723  | 0.27   | cps   |
| Molybdenum | 97-1  | 4836314  | 4820331  | 4838021  | 4831555  | 0.20   | cps   |
| Molybdenum | 98-1  | 12461660 | 12412217 | 12406746 | 12426874 | 0.24   | cps   |
| Neodymium  | 150-1 | 67       | 40       | 13       | 40       | 66.68  | cps   |
| Neodymium  | 150-2 | 20       | 3        | 10       | 11       | 75.52  | cps   |
| Nickel     | 60-2  | 5514     | 5351     | 5531     | 5466     | 1.82   | cps   |
| Phosphorus | 31-2  | 347595   | 349645   | 350096   | 349112   | 0.38   | cps   |
| Potassium  | 39-2  | 15809068 | 15752585 | 15882834 | 15814829 | 0.41   | cps   |
| Rhodium    | 103-1 | 6972889  | 6900754  | 6847399  | 6907014  | 0.91   | cps   |
| Rhodium    | 103-2 | 3121965  | 3203796  | 3217921  | 3181227  | 1.63   | cps   |
| Scandium   | 45-1  | 4484230  | 4501904  | 4442008  | 4476047  | 0.69   | cps   |
| Scandium   | 45-2  | 196503   | 199233   | 200915   | 198884   | 1.12   | cps   |
| Selenium   | 77-2  | 0        | 0        | 0        | 0        | 0.00   | cps   |
| Selenium   | 78-2  | 69       | 65       | 70       | 68       | 4.16   | cps   |
| Selenium   | 82-1  | 65       | 16       | 13       | 31       | 93.92  | cps   |
| Silicon    | 28-1  | 410773   | 414033   | 414677   | 413161   | 0.51   | cps   |
| Silver     | 109-1 | 817      | 1000     | 1092     | 970      | 14.44  | cps   |
| Silver     | 107-1 | 733      | 967      | 1275     | 992      | 27.40  | cps   |
| Sodium     | 23-2  | 27767008 | 27906825 | 27912384 | 27862072 | 0.30   | cps   |
| Strontium  | 86-1  | 87944    | 90157    | 88958    | 89020    | 1.24   | cps   |
| Strontium  | 88-1  | 762292   | 762436   | 765594   | 763440   | 0.24   | cps   |
| Sulfur     | 34-1  | 3276819  | 3255279  | 3259190  | 3263763  | 0.35   | cps   |
| Terbium    | 159-1 | 11103982 | 11117996 | 10957585 | 11059854 | 0.80   | cps   |
| Terbium    | 159-2 | 5212993  | 5356371  | 5406650  | 5325338  | 1.89   | cps   |
| Thallium   | 203-1 | 1042     | 1100     | 1483     | 1208     | 19.86  | cps   |
| Thallium   | 205-1 | 2617     | 2734     | 3042     | 2798     | 7.85   | cps   |
| Tin        | 118-1 | 3801     | 4109     | 3734     | 3881     | 5.16   | cps   |
| Titanium   | 47-1  | 1995325  | 1997217  | 2005082  | 1999208  | 0.26   | cps   |
| Uranium    | 238-1 | 1592     | 1392     | 1609     | 1531     | 7.88   | cps   |
| Vanadium   | 51-2  | 313      | 327      | 350      | 330      | 5.62   | cps   |
| Yttrium    | 89-1  | 8167993  | 8194248  | 8157302  | 8173181  | 0.23   | cps   |
| Yttrium    | 89-2  | 1177261  | 1208855  | 1210719  | 1198945  | 1.57   | cps   |
| Zinc       | 66-2  | 4171     | 4074     | 4367     | 4204     | 3.56   | cps   |
| Zirconium  | 90-1  | 10179    | 8570     | 8228     | 8992     | 11.59  | cps   |

|                         |                     |                   |                       |
|-------------------------|---------------------|-------------------|-----------------------|
| LB Number :             | LB88853             | Operator :        | Jaswal                |
| Lab Sample ID :         | ICSA01              | Instrumnet Name : | P7                    |
| Client Sample ID :      | ICSA01              | Dilution Factor : | 1                     |
| Date & Time Acquired :: | 2017-07-19 12:29:58 | DataFile Name :   | 014ICSA01_P7071917 -1 |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|-----------|------|------|------|------|---------|--------|-------|
| Zirconium | 91-1 | 2217 | 2075 | 1867 | 2053    | 8.58   | cps   |



LB Number : LB88853 Operator : Jaswal  
 Lab Sample ID : ICSAB01 Instrumnet Name : P7  
 Client Sample ID : ICSAB01 Dilution Factor : 1  
 Date & Time Acquired :: 2017-07-19 12:33:25 DataFile Name : 015ICSB\_P7071917 -MS

| Parameter  | Mass  | CPS1      | CPS2      | CPS3      | CPSMean   | CPSRSD | Units |
|------------|-------|-----------|-----------|-----------|-----------|--------|-------|
| Aluminium  | 27-2  | 6043936   | 6046398   | 6065967   | 6052100   | 0.20   | cps   |
| Antimony   | 121-1 | 175931    | 175281    | 171982    | 174398    | 1.21   | cps   |
| Arsenic    | 75-2  | 5197      | 5106      | 4849      | 5051      | 3.58   | cps   |
| Barium     | 135-1 | 47407     | 47766     | 45676     | 46950     | 2.38   | cps   |
| Barium     | 137-1 | 80969     | 80316     | 79184     | 80156     | 1.13   | cps   |
| Beryllium  | 9-1   | 22111     | 21694     | 22389     | 22065     | 1.59   | cps   |
| Bismuth    | 209-1 | 6782001   | 6774369   | 6747587   | 6767985   | 0.27   | cps   |
| Bismuth    | 209-2 | 3899252   | 4030090   | 4017690   | 3982344   | 1.81   | cps   |
| Boron      | 10-1  | 7819      | 7786      | 7877      | 7827      | 0.59   | cps   |
| Boron      | 11-1  | 39252     | 38801     | 38216     | 38756     | 1.34   | cps   |
| Cadmium    | 111-1 | 40986     | 40850     | 40664     | 40833     | 0.40   | cps   |
| Cadmium    | 106-1 | 8419      | 7702      | 8261      | 8128      | 4.63   | cps   |
| Cadmium    | 108-1 | 4843      | 4409      | 4451      | 4568      | 5.24   | cps   |
| Calcium    | 43-1  | 2131334   | 2119225   | 2097394   | 2115984   | 0.81   | cps   |
| Calcium    | 44-1  | 34536906  | 33963483  | 34005702  | 34168697  | 0.94   | cps   |
| Chromium   | 52-2  | 82858     | 83384     | 83179     | 83141     | 0.32   | cps   |
| Cobalt     | 59-2  | 72083     | 72388     | 73543     | 72671     | 1.06   | cps   |
| Copper     | 63-2  | 69018     | 69886     | 70459     | 69788     | 1.04   | cps   |
| Dysprosium | 156-1 | 58        | 67        | 33        | 53        | 32.88  | cps   |
| Dysprosium | 156-2 | 7         | 17        | 10        | 11        | 45.82  | cps   |
| Erbium     | 164-1 | 25        | 33        | 58        | 39        | 44.62  | cps   |
| Erbium     | 164-2 | 50        | 20        | 20        | 30        | 57.74  | cps   |
| Gadolinium | 160-1 | 67        | 108       | 100       | 92        | 24.05  | cps   |
| Gadolinium | 160-2 | 90        | 83        | 93        | 89        | 5.73   | cps   |
| Holmium    | 165-1 | 10509629  | 10590656  | 10507657  | 10535981  | 0.45   | cps   |
| Holmium    | 165-2 | 5245170   | 5475930   | 5379186   | 5366762   | 2.16   | cps   |
| Indium     | 115-1 | 7833165   | 7888858   | 7922411   | 7881478   | 0.57   | cps   |
| Indium     | 115-2 | 1520821   | 1586881   | 1560119   | 1555940   | 2.14   | cps   |
| Iron       | 56-2  | 172365082 | 171945826 | 172514343 | 172275083 | 0.17   | cps   |
| Iron       | 57-2  | 4338047   | 4339901   | 4358165   | 4345371   | 0.26   | cps   |
| Lead       | 206-1 | 173150    | 170518    | 168761    | 170810    | 1.29   | cps   |
| Lead       | 207-1 | 146064    | 144527    | 142291    | 144294    | 1.31   | cps   |
| Lead       | 208-1 | 673333    | 665163    | 656007    | 664834    | 1.30   | cps   |
| Lithium    | 6-1   | 1297251   | 1297095   | 1299831   | 1298059   | 0.12   | cps   |
| Magnesium  | 24-2  | 14409356  | 14307503  | 14427938  | 14381599  | 0.45   | cps   |
| Manganese  | 55-2  | 34908     | 35139     | 34888     | 34978     | 0.40   | cps   |

LB Number : LB88853 Operator : Jaswal  
 Lab Sample ID : ICSAB01 Instrumnet Name : P7  
 Client Sample ID : ICSAB01 Dilution Factor : 1  
 Date & Time Acquired :: 2017-07-19 12:33:25 DataFile Name : 015ICSB\_P7071917 -MS

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|------------|-------|----------|----------|----------|----------|--------|-------|
| Molybdenum | 94-1  | 4776746  | 4701840  | 4710266  | 4729617  | 0.87   | cps   |
| Molybdenum | 95-1  | 8023266  | 7981309  | 7957226  | 7987267  | 0.42   | cps   |
| Molybdenum | 96-1  | 8640720  | 8407125  | 8444140  | 8497328  | 1.48   | cps   |
| Molybdenum | 97-1  | 4964314  | 4887433  | 4893735  | 4915161  | 0.87   | cps   |
| Molybdenum | 98-1  | 12728092 | 12610207 | 12646053 | 12661451 | 0.48   | cps   |
| Neodymium  | 150-1 | 40       | 20       | 53       | 38       | 44.42  | cps   |
| Neodymium  | 150-2 | 13       | 20       | 10       | 14       | 35.26  | cps   |
| Nickel     | 60-2  | 22688    | 23626    | 23352    | 23222    | 2.08   | cps   |
| Phosphorus | 31-2  | 340497   | 341877   | 343958   | 342111   | 0.51   | cps   |
| Potassium  | 39-2  | 15442305 | 15470656 | 15484420 | 15465794 | 0.14   | cps   |
| Rhodium    | 103-1 | 6812651  | 6837230  | 6814847  | 6821576  | 0.20   | cps   |
| Rhodium    | 103-2 | 3091776  | 3205665  | 3171427  | 3156290  | 1.85   | cps   |
| Scandium   | 45-1  | 4401827  | 4453918  | 4441238  | 4432328  | 0.61   | cps   |
| Scandium   | 45-2  | 194707   | 201968   | 201474   | 199383   | 2.03   | cps   |
| Selenium   | 77-2  | 117      | 100      | 110      | 109      | 7.71   | cps   |
| Selenium   | 78-2  | 422      | 396      | 411      | 410      | 3.17   | cps   |
| Selenium   | 82-1  | 2407     | 2290     | 2288     | 2328     | 2.94   | cps   |
| Silicon    | 28-1  | 643964   | 645551   | 646728   | 645414   | 0.21   | cps   |
| Silver     | 109-1 | 172666   | 172514   | 171568   | 172250   | 0.35   | cps   |
| Silver     | 107-1 | 180450   | 179446   | 179846   | 179914   | 0.28   | cps   |
| Sodium     | 23-2  | 27342966 | 27273558 | 27321843 | 27312789 | 0.13   | cps   |
| Strontium  | 86-1  | 220636   | 213445   | 217226   | 217102   | 1.66   | cps   |
| Strontium  | 88-1  | 1925647  | 1917031  | 1902130  | 1914936  | 0.62   | cps   |
| Sulfur     | 34-1  | 3252265  | 3200295  | 3199730  | 3217430  | 0.94   | cps   |
| Terbium    | 159-1 | 10942114 | 10858006 | 10789488 | 10863203 | 0.70   | cps   |
| Terbium    | 159-2 | 5172377  | 5404084  | 5316370  | 5297610  | 2.21   | cps   |
| Thallium   | 203-1 | 170850   | 169119   | 166632   | 168867   | 1.26   | cps   |
| Thallium   | 205-1 | 407020   | 404740   | 405837   | 405866   | 0.28   | cps   |
| Tin        | 118-1 | 353034   | 352990   | 350289   | 352104   | 0.45   | cps   |
| Titanium   | 47-1  | 2048829  | 2013955  | 2010741  | 2024508  | 1.04   | cps   |
| Uranium    | 238-1 | 1509664  | 1494255  | 1494228  | 1499382  | 0.59   | cps   |
| Vanadium   | 51-2  | 35025    | 34871    | 35229    | 35042    | 0.51   | cps   |
| Yttrium    | 89-1  | 8051369  | 8083866  | 8071382  | 8068873  | 0.20   | cps   |
| Yttrium    | 89-2  | 1168737  | 1215730  | 1196375  | 1193614  | 1.98   | cps   |
| Zinc       | 66-2  | 10727    | 11154    | 11054    | 10979    | 2.03   | cps   |
| Zirconium  | 90-1  | 717200   | 712806   | 707661   | 712556   | 0.67   | cps   |

|                         |                     |                   |                      |
|-------------------------|---------------------|-------------------|----------------------|
| LB Number :             | LB88853             | Operator :        | Jaswal               |
| Lab Sample ID :         | ICSAB01             | Instrumnet Name : | P7                   |
| Client Sample ID :      | ICSAB01             | Dilution Factor : | 1                    |
| Date & Time Acquired :: | 2017-07-19 12:33:25 | DataFile Name :   | 015ICSB_P7071917 -MS |

| Parameter | Mass | CPS1   | CPS2   | CPS3   | CPSMean | CPSRSD | Units |
|-----------|------|--------|--------|--------|---------|--------|-------|
| Zirconium | 91-1 | 158190 | 156672 | 158831 | 157897  | 0.70   | cps   |

LB Number : LB88853 Operator : Jaswal  
 Lab Sample ID : CCV31 Instrumnet Name : P7  
 Client Sample ID : CCV31 Dilution Factor : 1  
 Date & Time Acquired :: 2017-07-19 12:36:52 DataFile Name : 016CCV\_P7071917 -MS.

| Parameter  | Mass  | CPS1      | CPS2      | CPS3      | CPSMean   | CPSRSD | Units |
|------------|-------|-----------|-----------|-----------|-----------|--------|-------|
| Aluminium  | 27-2  | 3533660   | 3573682   | 3578740   | 3562027   | 0.69   | cps   |
| Antimony   | 121-1 | 4235881   | 4254447   | 4245730   | 4245353   | 0.22   | cps   |
| Arsenic    | 75-2  | 130777    | 132866    | 132985    | 132209    | 0.94   | cps   |
| Barium     | 135-1 | 5506299   | 5497773   | 5518704   | 5507592   | 0.19   | cps   |
| Barium     | 137-1 | 9507925   | 9521834   | 9429456   | 9486405   | 0.53   | cps   |
| Beryllium  | 9-1   | 568493    | 565637    | 575152    | 569761    | 0.86   | cps   |
| Bismuth    | 209-1 | 6669314   | 6540493   | 6447251   | 6552352   | 1.70   | cps   |
| Bismuth    | 209-2 | 3820843   | 3820702   | 3848543   | 3830029   | 0.42   | cps   |
| Boron      | 10-1  | 61944     | 63952     | 64957     | 63618     | 2.41   | cps   |
| Boron      | 11-1  | 307365    | 314141    | 319036    | 313514    | 1.87   | cps   |
| Cadmium    | 111-1 | 946776    | 940138    | 947875    | 944930    | 0.44   | cps   |
| Cadmium    | 106-1 | 104022    | 106012    | 104106    | 104714    | 1.07   | cps   |
| Cadmium    | 108-1 | 68310     | 69281     | 69118     | 68903     | 0.75   | cps   |
| Calcium    | 43-1  | 5593306   | 5603054   | 5630800   | 5609053   | 0.35   | cps   |
| Calcium    | 44-1  | 90667962  | 90200485  | 90400644  | 90423030  | 0.26   | cps   |
| Chromium   | 52-2  | 1141436   | 1149471   | 1152080   | 1147662   | 0.48   | cps   |
| Cobalt     | 59-2  | 1780829   | 1790582   | 1793593   | 1788335   | 0.37   | cps   |
| Copper     | 63-2  | 2476589   | 2480455   | 2483110   | 2480051   | 0.13   | cps   |
| Dysprosium | 156-1 | 150       | 150       | 133       | 144       | 6.66   | cps   |
| Dysprosium | 156-2 | 77        | 43        | 63        | 61        | 27.46  | cps   |
| Erbium     | 164-1 | 67        | 142       | 92        | 100       | 38.19  | cps   |
| Erbium     | 164-2 | 47        | 40        | 23        | 37        | 32.79  | cps   |
| Gadolinium | 160-1 | 100       | 175       | 133       | 136       | 27.61  | cps   |
| Gadolinium | 160-2 | 120       | 140       | 140       | 133       | 8.66   | cps   |
| Holmium    | 165-1 | 10391056  | 10431559  | 10323003  | 10381873  | 0.53   | cps   |
| Holmium    | 165-2 | 5291661   | 5300741   | 5309381   | 5300594   | 0.17   | cps   |
| Indium     | 115-1 | 7806932   | 7682592   | 7677257   | 7722260   | 0.95   | cps   |
| Indium     | 115-2 | 1522522   | 1529934   | 1534041   | 1528832   | 0.38   | cps   |
| Iron       | 56-2  | 223120966 | 224140788 | 222957977 | 223406577 | 0.29   | cps   |
| Iron       | 57-2  | 5643675   | 5652648   | 5627206   | 5641176   | 0.23   | cps   |
| Lead       | 206-1 | 3401776   | 3390514   | 3412922   | 3401737   | 0.33   | cps   |
| Lead       | 207-1 | 3139873   | 3095703   | 3120735   | 3118770   | 0.71   | cps   |
| Lead       | 208-1 | 14072005  | 13903750  | 13957677  | 13977811  | 0.61   | cps   |
| Lithium    | 6-1   | 1320191   | 1319119   | 1312532   | 1317281   | 0.31   | cps   |
| Magnesium  | 24-2  | 39096977  | 39396631  | 39523014  | 39338874  | 0.56   | cps   |
| Manganese  | 55-2  | 1305441   | 1309165   | 1313692   | 1309433   | 0.32   | cps   |

|                         |                     |                   |                      |
|-------------------------|---------------------|-------------------|----------------------|
| LB Number :             | LB88853             | Operator :        | Jaswal               |
| Lab Sample ID :         | CCV31               | Instrumnet Name : | P7                   |
| Client Sample ID :      | CCV31               | Dilution Factor : | 1                    |
| Date & Time Acquired :: | 2017-07-19 12:36:52 | DataFile Name :   | 016CCV_P7071917 -MS. |

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|------------|-------|----------|----------|----------|----------|--------|-------|
| Molybdenum | 94-1  | 3645337  | 3656867  | 3670964  | 3657723  | 0.35   | cps   |
| Molybdenum | 95-1  | 2060618  | 2066209  | 2066629  | 2064485  | 0.16   | cps   |
| Molybdenum | 96-1  | 2609798  | 2628785  | 2636185  | 2624923  | 0.52   | cps   |
| Molybdenum | 97-1  | 1274959  | 1270941  | 1285260  | 1277054  | 0.58   | cps   |
| Molybdenum | 98-1  | 3326634  | 3333006  | 3316756  | 3325465  | 0.25   | cps   |
| Neodymium  | 150-1 | 520      | 560      | 467      | 516      | 9.08   | cps   |
| Neodymium  | 150-2 | 67       | 43       | 73       | 61       | 25.78  | cps   |
| Nickel     | 60-2  | 464548   | 462205   | 466818   | 464524   | 0.50   | cps   |
| Phosphorus | 31-2  | 37131    | 38559    | 38292    | 37994    | 2.00   | cps   |
| Potassium  | 39-2  | 21069385 | 21079487 | 21292712 | 21147195 | 0.60   | cps   |
| Rhodium    | 103-1 | 6658947  | 6708967  | 6620689  | 6662868  | 0.66   | cps   |
| Rhodium    | 103-2 | 3075644  | 3081857  | 3071859  | 3076454  | 0.16   | cps   |
| Scandium   | 45-1  | 4528964  | 4503880  | 4447385  | 4493410  | 0.93   | cps   |
| Scandium   | 45-2  | 203754   | 204460   | 207162   | 205125   | 0.88   | cps   |
| Selenium   | 77-2  | 2624     | 2670     | 2700     | 2665     | 1.45   | cps   |
| Selenium   | 78-2  | 9127     | 9007     | 8716     | 8950     | 2.36   | cps   |
| Selenium   | 82-1  | 57405    | 56932    | 57029    | 57122    | 0.44   | cps   |
| Silicon    | 28-1  | 2779292  | 2811181  | 2852281  | 2814251  | 1.30   | cps   |
| Silver     | 109-1 | 4563204  | 4512650  | 4546859  | 4540904  | 0.57   | cps   |
| Silver     | 107-1 | 4715120  | 4706856  | 4689817  | 4703931  | 0.27   | cps   |
| Sodium     | 23-2  | 74077593 | 74669381 | 74613902 | 74453625 | 0.44   | cps   |
| Strontium  | 86-1  | 1363669  | 1358200  | 1360138  | 1360669  | 0.20   | cps   |
| Strontium  | 88-1  | 11878242 | 11814618 | 11729155 | 11807339 | 0.63   | cps   |
| Sulfur     | 34-1  | 551422   | 561256   | 559701   | 557460   | 0.95   | cps   |
| Terbium    | 159-1 | 10726020 | 10766422 | 10627930 | 10706791 | 0.67   | cps   |
| Terbium    | 159-2 | 5217053  | 5256493  | 5238456  | 5237334  | 0.38   | cps   |
| Thallium   | 203-1 | 4184923  | 4201447  | 4211626  | 4199332  | 0.32   | cps   |
| Thallium   | 205-1 | 9960455  | 10009177 | 9952173  | 9973935  | 0.31   | cps   |
| Tin        | 118-1 | 3471053  | 3448042  | 3451323  | 3456806  | 0.36   | cps   |
| Titanium   | 47-1  | 535630   | 530819   | 532446   | 532965   | 0.46   | cps   |
| Uranium    | 238-1 | 14794824 | 14626731 | 14674056 | 14698537 | 0.59   | cps   |
| Vanadium   | 51-2  | 950435   | 962626   | 958948   | 957337   | 0.65   | cps   |
| Yttrium    | 89-1  | 8134226  | 8126614  | 8053084  | 8104641  | 0.55   | cps   |
| Yttrium    | 89-2  | 1198613  | 1202890  | 1195091  | 1198865  | 0.33   | cps   |
| Zinc       | 66-2  | 336882   | 339934   | 339282   | 338699   | 0.47   | cps   |
| Zirconium  | 90-1  | 6733768  | 6809818  | 6769766  | 6771117  | 0.56   | cps   |

|                         |                     |                   |                      |
|-------------------------|---------------------|-------------------|----------------------|
| LB Number :             | LB88853             | Operator :        | Jaswal               |
| Lab Sample ID :         | CCV31               | Instrumnet Name : | P7                   |
| Client Sample ID :      | CCV31               | Dilution Factor : | 1                    |
| Date & Time Acquired :: | 2017-07-19 12:36:52 | DataFile Name :   | 016CCV_P7071917 -MS. |

| Parameter | Mass | CPS1    | CPS2    | CPS3    | CPSMean | CPSRSD | Units |
|-----------|------|---------|---------|---------|---------|--------|-------|
| Zirconium | 91-1 | 1501001 | 1504222 | 1504101 | 1503108 | 0.12   | cps   |

LB Number : LB88853 Operator : Jaswal  
 Lab Sample ID : CCB31 Instrumnet Name : P7  
 Client Sample ID : CCB31 Dilution Factor : 1  
 Date & Time Acquired :: 2017-07-19 12:43:46 DataFile Name : 017CCBE\_P7071917 -M:

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|------------|-------|----------|----------|----------|----------|--------|-------|
| Aluminium  | 27-2  | 58       | 67       | 92       | 72       | 24.02  | cps   |
| Antimony   | 121-1 | 3159     | 3025     | 3392     | 3192     | 5.81   | cps   |
| Arsenic    | 75-2  | 31       | 35       | 30       | 32       | 8.82   | cps   |
| Barium     | 135-1 | 33       | 25       | 67       | 42       | 52.92  | cps   |
| Barium     | 137-1 | 83       | 125      | 92       | 100      | 22.05  | cps   |
| Beryllium  | 9-1   | 556      | 389      | 472      | 472      | 17.65  | cps   |
| Bismuth    | 209-1 | 6976467  | 6899002  | 6931625  | 6935698  | 0.56   | cps   |
| Bismuth    | 209-2 | 4255053  | 4179044  | 4063780  | 4165959  | 2.31   | cps   |
| Boron      | 10-1  | 1734     | 1817     | 1533     | 1695     | 8.59   | cps   |
| Boron      | 11-1  | 8528     | 8019     | 8111     | 8219     | 3.30   | cps   |
| Cadmium    | 111-1 | 1990     | 2026     | 1998     | 2005     | 0.93   | cps   |
| Cadmium    | 106-1 | 2792     | 2817     | 2817     | 2809     | 0.51   | cps   |
| Cadmium    | 108-1 | 8        | 13       | 17       | 13       | 33.36  | cps   |
| Calcium    | 43-1  | 250      | 267      | 225      | 247      | 8.48   | cps   |
| Calcium    | 44-1  | 6102     | 6252     | 6260     | 6204     | 1.44   | cps   |
| Chromium   | 52-2  | 447      | 420      | 373      | 413      | 8.98   | cps   |
| Cobalt     | 59-2  | 120      | 160      | 140      | 140      | 14.29  | cps   |
| Copper     | 63-2  | 1390     | 1210     | 1280     | 1293     | 7.02   | cps   |
| Dysprosium | 156-1 | 25       | 0        | 8        | 11       | 114.58 | cps   |
| Dysprosium | 156-2 | 7        | 7        | 10       | 8        | 24.71  | cps   |
| Erbium     | 164-1 | 33       | 25       | 25       | 28       | 17.31  | cps   |
| Erbium     | 164-2 | 17       | 13       | 13       | 14       | 13.35  | cps   |
| Gadolinium | 160-1 | 25       | 67       | 92       | 61       | 55.11  | cps   |
| Gadolinium | 160-2 | 103      | 100      | 83       | 96       | 11.21  | cps   |
| Holmium    | 165-1 | 10189014 | 10301861 | 10112501 | 10201125 | 0.93   | cps   |
| Holmium    | 165-2 | 5315533  | 5251954  | 5127349  | 5231612  | 1.83   | cps   |
| Indium     | 115-1 | 7862969  | 7908552  | 7852596  | 7874705  | 0.38   | cps   |
| Indium     | 115-2 | 1584536  | 1567441  | 1533182  | 1561720  | 1.67   | cps   |
| Iron       | 56-2  | 13473    | 13423    | 13212    | 13369    | 1.04   | cps   |
| Iron       | 57-2  | 511      | 544      | 478      | 511      | 6.52   | cps   |
| Lead       | 206-1 | 1561     | 1445     | 1684     | 1563     | 7.64   | cps   |
| Lead       | 207-1 | 1361     | 1600     | 1333     | 1432     | 10.24  | cps   |
| Lead       | 208-1 | 6317     | 6534     | 6473     | 6442     | 1.73   | cps   |
| Lithium    | 6-1   | 1312365  | 1314278  | 1309786  | 1312143  | 0.17   | cps   |
| Magnesium  | 24-2  | 1250     | 1117     | 1250     | 1206     | 6.39   | cps   |
| Manganese  | 55-2  | 340      | 263      | 323      | 309      | 13.05  | cps   |

|                         |                     |                   |                     |
|-------------------------|---------------------|-------------------|---------------------|
| LB Number :             | LB88853             | Operator :        | Jaswal              |
| Lab Sample ID :         | CCB31               | Instrumnet Name : | P7                  |
| Client Sample ID :      | CCB31               | Dilution Factor : | 1                   |
| Date & Time Acquired :: | 2017-07-19 12:43:46 | DataFile Name :   | 017CCBE_P7071917 -M |

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|------------|-------|----------|----------|----------|----------|--------|-------|
| Molybdenum | 94-1  | 867      | 933      | 967      | 922      | 5.52   | cps   |
| Molybdenum | 95-1  | 800      | 925      | 717      | 814      | 12.88  | cps   |
| Molybdenum | 96-1  | 983      | 1025     | 858      | 956      | 9.08   | cps   |
| Molybdenum | 97-1  | 525      | 508      | 642      | 558      | 13.01  | cps   |
| Molybdenum | 98-1  | 1158     | 1525     | 1400     | 1361     | 13.69  | cps   |
| Neodymium  | 150-1 | 0        | 13       | 7        | 7        | 99.98  | cps   |
| Neodymium  | 150-2 | 0        | 0        | 3        | 1        | 173.21 | cps   |
| Nickel     | 60-2  | 800      | 750      | 780      | 777      | 3.24   | cps   |
| Phosphorus | 31-2  | 133      | 142      | 117      | 131      | 9.75   | cps   |
| Potassium  | 39-2  | 31084    | 30432    | 30975    | 30830    | 1.13   | cps   |
| Rhodium    | 103-1 | 7008541  | 6946454  | 6903306  | 6952767  | 0.76   | cps   |
| Rhodium    | 103-2 | 3330687  | 3291665  | 3205390  | 3275914  | 1.96   | cps   |
| Scandium   | 45-1  | 4253879  | 4255122  | 4280802  | 4263267  | 0.36   | cps   |
| Scandium   | 45-2  | 199956   | 195762   | 192029   | 195916   | 2.02   | cps   |
| Selenium   | 77-2  | 0        | 0        | 3        | 1        | 173.21 | cps   |
| Selenium   | 78-2  | 67       | 56       | 52       | 58       | 13.29  | cps   |
| Selenium   | 82-1  | 47       | 15       | -8       | 18       | 150.46 | cps   |
| Silicon    | 28-1  | 305550   | 305956   | 300578   | 304028   | 0.98   | cps   |
| Silver     | 109-1 | 183      | 208      | 183      | 192      | 7.53   | cps   |
| Silver     | 107-1 | 208      | 250      | 300      | 253      | 18.16  | cps   |
| Sodium     | 23-2  | 16526    | 16935    | 16660    | 16707    | 1.25   | cps   |
| Strontium  | 86-1  | 792      | 1008     | 900      | 900      | 12.04  | cps   |
| Strontium  | 88-1  | 267      | 200      | 267      | 244      | 15.75  | cps   |
| Sulfur     | 34-1  | 251525   | 253548   | 250258   | 251777   | 0.66   | cps   |
| Terbium    | 159-1 | 10431386 | 10517968 | 10328995 | 10426117 | 0.91   | cps   |
| Terbium    | 159-2 | 5264676  | 5202801  | 5063120  | 5176866  | 1.99   | cps   |
| Thallium   | 203-1 | 383      | 400      | 450      | 411      | 8.44   | cps   |
| Thallium   | 205-1 | 1192     | 1083     | 992      | 1089     | 9.19   | cps   |
| Tin        | 118-1 | 2150     | 2075     | 1917     | 2047     | 5.82   | cps   |
| Titanium   | 47-1  | 108      | 142      | 125      | 125      | 13.33  | cps   |
| Uranium    | 238-1 | 292      | 333      | 292      | 306      | 7.87   | cps   |
| Vanadium   | 51-2  | 20       | 20       | 13       | 18       | 21.66  | cps   |
| Yttrium    | 89-1  | 7823723  | 7823925  | 7828779  | 7825476  | 0.04   | cps   |
| Yttrium    | 89-2  | 1185195  | 1165435  | 1141676  | 1164102  | 1.87   | cps   |
| Zinc       | 66-2  | 220      | 183      | 207      | 203      | 9.13   | cps   |
| Zirconium  | 90-1  | 1367     | 1367     | 1217     | 1317     | 6.58   | cps   |



|                         |                     |                   |                      |
|-------------------------|---------------------|-------------------|----------------------|
| LB Number :             | LB88853             | Operator :        | Jaswal               |
| Lab Sample ID :         | CCB31               | Instrumnet Name : | P7                   |
| Client Sample ID :      | CCB31               | Dilution Factor : | 1                    |
| Date & Time Acquired :: | 2017-07-19 12:43:46 | DataFile Name :   | 017CCBE_P7071917 -M: |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|-----------|------|------|------|------|---------|--------|-------|
| Zirconium | 91-1 | 358  | 250  | 300  | 303     | 17.91  | cps   |

|                         |                     |                   |                     |
|-------------------------|---------------------|-------------------|---------------------|
| LB Number :             | LB88853             | Operator :        | Jaswal              |
| Lab Sample ID :         | CRI                 | Instrumnet Name : | P7                  |
| Client Sample ID :      | CRI                 | Dilution Factor : | 1                   |
| Date & Time Acquired :: | 2017-07-19 12:47:14 | DataFile Name :   | 018SMPL_P7071917 -M |

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|------------|-------|----------|----------|----------|----------|--------|-------|
| Aluminium  | 27-2  | 1225     | 1275     | 1400     | 1300     | 6.93   | cps   |
| Antimony   | 121-1 | 18471    | 18446    | 18237    | 18385    | 0.70   | cps   |
| Arsenic    | 75-2  | 278      | 281      | 237      | 265      | 9.29   | cps   |
| Barium     | 135-1 | 20741    | 20407    | 20800    | 20649    | 1.03   | cps   |
| Barium     | 137-1 | 35380    | 35062    | 35755    | 35399    | 0.98   | cps   |
| Beryllium  | 9-1   | 1311     | 1328     | 1367     | 1335     | 2.14   | cps   |
| Bismuth    | 209-1 | 7516674  | 7497863  | 7034341  | 7349626  | 3.72   | cps   |
| Bismuth    | 209-2 | 4334614  | 4417424  | 4149969  | 4300669  | 3.18   | cps   |
| Boron      | 10-1  | 3634     | 4209     | 3884     | 3909     | 7.38   | cps   |
| Boron      | 11-1  | 18162    | 19880    | 19313    | 19118    | 4.58   | cps   |
| Cadmium    | 111-1 | 3924     | 3878     | 4114     | 3972     | 3.15   | cps   |
| Cadmium    | 106-1 | 3025     | 3117     | 3234     | 3125     | 3.34   | cps   |
| Cadmium    | 108-1 | 200      | 167      | 167      | 178      | 10.83  | cps   |
| Calcium    | 43-1  | 10396    | 10546    | 10396    | 10446    | 0.83   | cps   |
| Calcium    | 44-1  | 169595   | 169892   | 171266   | 170251   | 0.52   | cps   |
| Chromium   | 52-2  | 4804     | 4698     | 4901     | 4801     | 2.12   | cps   |
| Cobalt     | 59-2  | 3517     | 3564     | 3574     | 3552     | 0.85   | cps   |
| Copper     | 63-2  | 6562     | 7015     | 6852     | 6809     | 3.37   | 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       | 33       | 25       | 28       | 17.31  | cps   |
| Erbium     | 164-2 | 27       | 17       | 10       | 18       | 47.19  | cps   |
| Gadolinium | 160-1 | 92       | 58       | 100      | 83       | 26.46  | cps   |
| Gadolinium | 160-2 | 100      | 80       | 87       | 89       | 11.46  | cps   |
| Holmium    | 165-1 | 11190802 | 11035368 | 10489058 | 10905076 | 3.38   | cps   |
| Holmium    | 165-2 | 5504623  | 5601792  | 5284617  | 5463677  | 2.97   | cps   |
| Indium     | 115-1 | 8541607  | 8427124  | 8105949  | 8358227  | 2.70   | cps   |
| Indium     | 115-2 | 1637806  | 1667424  | 1569557  | 1624929  | 3.09   | cps   |
| Iron       | 56-2  | 99238    | 99446    | 97835    | 98839    | 0.89   | cps   |
| Iron       | 57-2  | 2839     | 2617     | 2528     | 2661     | 6.02   | cps   |
| Lead       | 206-1 | 10427    | 10082    | 9721     | 10076    | 3.50   | cps   |
| Lead       | 207-1 | 8998     | 8870     | 8770     | 8879     | 1.29   | cps   |
| Lead       | 208-1 | 41844    | 41082    | 39925    | 40950    | 2.36   | cps   |
| Lithium    | 6-1   | 1414011  | 1408117  | 1360862  | 1394330  | 2.09   | cps   |
| Magnesium  | 24-2  | 74075    | 73028    | 74535    | 73880    | 1.05   | cps   |
| Manganese  | 55-2  | 1420     | 1477     | 1570     | 1489     | 5.09   | cps   |

|                         |                     |                   |                     |
|-------------------------|---------------------|-------------------|---------------------|
| LB Number :             | LB88853             | Operator :        | Jaswal              |
| Lab Sample ID :         | CRI                 | Instrumnet Name : | P7                  |
| Client Sample ID :      | CRI                 | Dilution Factor : | 1                   |
| Date & Time Acquired :: | 2017-07-19 12:47:14 | DataFile Name :   | 018SMPL_P7071917 -M |

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|------------|-------|----------|----------|----------|----------|--------|-------|
| Molybdenum | 94-1  | 17203    | 16026    | 16994    | 16741    | 3.75   | cps   |
| Molybdenum | 95-1  | 19806    | 19464    | 20082    | 19784    | 1.56   | cps   |
| Molybdenum | 96-1  | 21417    | 21050    | 22143    | 21536    | 2.58   | cps   |
| Molybdenum | 97-1  | 11697    | 11714    | 12139    | 11850    | 2.11   | cps   |
| Molybdenum | 98-1  | 30626    | 30108    | 31252    | 30662    | 1.87   | cps   |
| Neodymium  | 150-1 | 0        | 13       | 7        | 7        | 99.98  | cps   |
| Neodymium  | 150-2 | 3        | 0        | 3        | 2        | 86.60  | cps   |
| Nickel     | 60-2  | 1610     | 1633     | 1537     | 1593     | 3.17   | cps   |
| Phosphorus | 31-2  | 167      | 117      | 125      | 136      | 19.68  | cps   |
| Potassium  | 39-2  | 108604   | 108503   | 106362   | 107823   | 1.17   | cps   |
| Rhodium    | 103-1 | 7582214  | 7464747  | 7126855  | 7391272  | 3.20   | cps   |
| Rhodium    | 103-2 | 3446732  | 3498259  | 3309597  | 3418196  | 2.85   | cps   |
| Scandium   | 45-1  | 4663265  | 4610518  | 4275406  | 4516396  | 4.66   | cps   |
| Scandium   | 45-2  | 205916   | 209755   | 197456   | 204376   | 3.08   | cps   |
| Selenium   | 77-2  | 17       | 27       | 30       | 24       | 28.38  | cps   |
| Selenium   | 78-2  | 133      | 143      | 170      | 149      | 12.95  | cps   |
| Selenium   | 82-1  | 573      | 551      | 495      | 540      | 7.39   | cps   |
| Silicon    | 28-1  | 341506   | 338370   | 343040   | 340972   | 0.70   | cps   |
| Silver     | 109-1 | 11338    | 11780    | 12264    | 11794    | 3.93   | cps   |
| Silver     | 107-1 | 12940    | 12523    | 12556    | 12673    | 1.83   | cps   |
| Sodium     | 23-2  | 155784   | 153814   | 157181   | 155593   | 1.09   | cps   |
| Strontium  | 86-1  | 3367     | 3276     | 3209     | 3284     | 2.42   | cps   |
| Strontium  | 88-1  | 23545    | 22527    | 21842    | 22638    | 3.79   | cps   |
| Sulfur     | 34-1  | 251037   | 252014   | 250948   | 251333   | 0.24   | cps   |
| Terbium    | 159-1 | 11406676 | 11159312 | 10931507 | 11165832 | 2.13   | cps   |
| Terbium    | 159-2 | 5439512  | 5525876  | 5239645  | 5401678  | 2.72   | cps   |
| Thallium   | 203-1 | 8962     | 8562     | 9170     | 8898     | 3.48   | cps   |
| Thallium   | 205-1 | 20884    | 20867    | 20925    | 20892    | 0.14   | cps   |
| Tin        | 118-1 | 34902    | 33641    | 33441    | 33995    | 2.33   | cps   |
| Titanium   | 47-1  | 5243     | 4493     | 5126     | 4954     | 8.15   | cps   |
| Uranium    | 238-1 | 28758    | 28140    | 28808    | 28569    | 1.30   | cps   |
| Vanadium   | 51-2  | 8586     | 8859     | 8716     | 8720     | 1.57   | cps   |
| Yttrium    | 89-1  | 8400918  | 8356669  | 8062111  | 8273233  | 2.23   | cps   |
| Yttrium    | 89-2  | 1220805  | 1239960  | 1166785  | 1209183  | 3.14   | cps   |
| Zinc       | 66-2  | 907      | 1053     | 903      | 954      | 8.97   | cps   |
| Zirconium  | 90-1  | 15517    | 14750    | 15667    | 15312    | 3.21   | cps   |

|                         |                     |                   |                     |
|-------------------------|---------------------|-------------------|---------------------|
| LB Number :             | LB88853             | Operator :        | Jaswal              |
| Lab Sample ID :         | CRI                 | Instrumnet Name : | P7                  |
| Client Sample ID :      | CRI                 | Dilution Factor : | 1                   |
| Date & Time Acquired :: | 2017-07-19 12:47:14 | DataFile Name :   | 018SMPL_P7071917 -M |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|-----------|------|------|------|------|---------|--------|-------|
| Zirconium | 91-1 | 3476 | 3376 | 3342 | 3398    | 2.04   | cps   |

|                         |                     |                   |                     |
|-------------------------|---------------------|-------------------|---------------------|
| LB Number :             | LB88853             | Operator :        | Jaswal              |
| Lab Sample ID :         | PB100760BL          | Instrumnet Name : | P7                  |
| Client Sample ID :      | PB100760BL          | Dilution Factor : | 1                   |
| Date & Time Acquired :: | 2017-07-19 12:50:42 | DataFile Name :   | 019CCBE_P7071917 -M |

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|------------|-------|----------|----------|----------|----------|--------|-------|
| Aluminium  | 27-2  | 58       | 67       | 25       | 50       | 44.10  | cps   |
| Antimony   | 121-1 | 1167     | 1225     | 1208     | 1200     | 2.50   | cps   |
| Arsenic    | 75-2  | 15       | 20       | 19       | 18       | 15.82  | cps   |
| Barium     | 135-1 | 67       | 50       | 50       | 56       | 17.32  | cps   |
| Barium     | 137-1 | 92       | 58       | 58       | 69       | 27.71  | cps   |
| Beryllium  | 9-1   | 328      | 283      | 372      | 328      | 13.56  | cps   |
| Bismuth    | 209-1 | 7390611  | 7396167  | 7421962  | 7402913  | 0.23   | cps   |
| Bismuth    | 209-2 | 4250364  | 4237857  | 4274374  | 4254199  | 0.44   | cps   |
| Boron      | 10-1  | 933      | 983      | 1042     | 986      | 5.50   | cps   |
| Boron      | 11-1  | 5259     | 5009     | 4859     | 5043     | 4.01   | cps   |
| Cadmium    | 111-1 | 1957     | 2132     | 2097     | 2062     | 4.50   | cps   |
| Cadmium    | 106-1 | 2784     | 3042     | 2950     | 2925     | 4.48   | cps   |
| Cadmium    | 108-1 | 13       | 8        | 8        | 10       | 24.77  | cps   |
| Calcium    | 43-1  | 242      | 258      | 267      | 256      | 4.98   | cps   |
| Calcium    | 44-1  | 5935     | 5885     | 5901     | 5907     | 0.43   | cps   |
| Chromium   | 52-2  | 457      | 483      | 463      | 468      | 2.97   | cps   |
| Cobalt     | 59-2  | 163      | 107      | 110      | 127      | 25.11  | cps   |
| Copper     | 63-2  | 1307     | 1140     | 1267     | 1238     | 7.03   | cps   |
| Dysprosium | 156-1 | 0        | 8        | 17       | 8        | 100.02 | cps   |
| Dysprosium | 156-2 | 7        | 3        | 0        | 3        | 100.05 | cps   |
| Erbium     | 164-1 | 50       | 75       | 25       | 50       | 50.00  | cps   |
| Erbium     | 164-2 | 13       | 20       | 23       | 19       | 26.96  | cps   |
| Gadolinium | 160-1 | 67       | 50       | 67       | 61       | 15.75  | cps   |
| Gadolinium | 160-2 | 77       | 63       | 97       | 79       | 21.27  | cps   |
| Holmium    | 165-1 | 10791299 | 10867453 | 10960435 | 10873062 | 0.78   | cps   |
| Holmium    | 165-2 | 5356052  | 5334756  | 5386411  | 5359073  | 0.48   | cps   |
| Indium     | 115-1 | 8182390  | 8286973  | 8385363  | 8284909  | 1.23   | cps   |
| Indium     | 115-2 | 1590012  | 1592998  | 1598967  | 1593992  | 0.29   | cps   |
| Iron       | 56-2  | 11544    | 11421    | 10977    | 11314    | 2.64   | cps   |
| Iron       | 57-2  | 472      | 411      | 383      | 422      | 10.77  | cps   |
| Lead       | 206-1 | 1828     | 1778     | 1817     | 1808     | 1.45   | cps   |
| Lead       | 207-1 | 1639     | 1633     | 1528     | 1600     | 3.91   | cps   |
| Lead       | 208-1 | 7240     | 7245     | 7273     | 7253     | 0.25   | cps   |
| Lithium    | 6-1   | 1378568  | 1381752  | 1387391  | 1382570  | 0.32   | cps   |
| Magnesium  | 24-2  | 1417     | 1283     | 1183     | 1295     | 9.04   | cps   |
| Manganese  | 55-2  | 303      | 280      | 213      | 266      | 17.59  | cps   |

|                         |                     |                   |                     |
|-------------------------|---------------------|-------------------|---------------------|
| LB Number :             | LB88853             | Operator :        | Jaswal              |
| Lab Sample ID :         | PB100760BL          | Instrumnet Name : | P7                  |
| Client Sample ID :      | PB100760BL          | Dilution Factor : | 1                   |
| Date & Time Acquired :: | 2017-07-19 12:50:42 | DataFile Name :   | 019CCBE_P7071917 -M |

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD  | Units |
|------------|-------|----------|----------|----------|----------|---------|-------|
| Molybdenum | 94-1  | 683      | 658      | 592      | 644      | 7.35    | cps   |
| Molybdenum | 95-1  | 350      | 458      | 500      | 436      | 17.75   | cps   |
| Molybdenum | 96-1  | 508      | 533      | 417      | 486      | 12.64   | cps   |
| Molybdenum | 97-1  | 283      | 175      | 300      | 253      | 26.85   | cps   |
| Molybdenum | 98-1  | 567      | 592      | 583      | 581      | 2.19    | cps   |
| Neodymium  | 150-1 | 7        | 0        | 0        | 2        | 173.21  | cps   |
| Neodymium  | 150-2 | 0        | 3        | 0        | 1        | 173.21  | cps   |
| Nickel     | 60-2  | 727      | 780      | 630      | 712      | 10.68   | cps   |
| Phosphorus | 31-2  | 158      | 150      | 150      | 153      | 3.15    | cps   |
| Potassium  | 39-2  | 29856    | 30499    | 29906    | 30087    | 1.19    | cps   |
| Rhodium    | 103-1 | 7330889  | 7329529  | 7389724  | 7350047  | 0.47    | cps   |
| Rhodium    | 103-2 | 3330851  | 3331403  | 3346759  | 3336338  | 0.27    | cps   |
| Scandium   | 45-1  | 4440648  | 4447311  | 4499407  | 4462455  | 0.72    | cps   |
| Scandium   | 45-2  | 196524   | 197594   | 197514   | 197211   | 0.30    | cps   |
| Selenium   | 77-2  | 0        | 0        | 0        | 0        | 0.00    | cps   |
| Selenium   | 78-2  | 57       | 69       | 59       | 62       | 9.64    | cps   |
| Selenium   | 82-1  | 21       | -4       | -38      | -7       | -445.83 | cps   |
| Silicon    | 28-1  | 296822   | 291702   | 296431   | 294985   | 0.97    | cps   |
| Silver     | 109-1 | 150      | 233      | 208      | 197      | 21.68   | cps   |
| Silver     | 107-1 | 250      | 258      | 200      | 236      | 13.36   | cps   |
| Sodium     | 23-2  | 14883    | 14841    | 15400    | 15041    | 2.07    | cps   |
| Strontium  | 86-1  | 875      | 917      | 775      | 856      | 8.51    | cps   |
| Strontium  | 88-1  | 317      | 275      | 325      | 306      | 8.77    | cps   |
| Sulfur     | 34-1  | 251674   | 253802   | 257145   | 254207   | 1.08    | cps   |
| Terbium    | 159-1 | 11092183 | 11223959 | 11283876 | 11200006 | 0.88    | cps   |
| Terbium    | 159-2 | 5302532  | 5308695  | 5323746  | 5311658  | 0.21    | cps   |
| Thallium   | 203-1 | 300      | 250      | 358      | 303      | 17.91   | cps   |
| Thallium   | 205-1 | 617      | 525      | 692      | 611      | 13.66   | cps   |
| Tin        | 118-1 | 1667     | 1492     | 1592     | 1583     | 5.55    | cps   |
| Titanium   | 47-1  | 158      | 92       | 150      | 133      | 27.24   | cps   |
| Uranium    | 238-1 | 233      | 242      | 217      | 231      | 5.52    | cps   |
| Vanadium   | 51-2  | 13       | 17       | 7        | 12       | 41.65   | cps   |
| Yttrium    | 89-1  | 8116629  | 8203716  | 8299443  | 8206596  | 1.11    | cps   |
| Yttrium    | 89-2  | 1183238  | 1179373  | 1182043  | 1181551  | 0.17    | cps   |
| Zinc       | 66-2  | 187      | 180      | 170      | 179      | 4.69    | cps   |
| Zirconium  | 90-1  | 1208     | 1158     | 1092     | 1153     | 5.08    | cps   |

|                         |                     |                   |                      |
|-------------------------|---------------------|-------------------|----------------------|
| LB Number :             | LB88853             | Operator :        | Jaswal               |
| Lab Sample ID :         | PB100760BL          | Instrumnet Name : | P7                   |
| Client Sample ID :      | PB100760BL          | Dilution Factor : | 1                    |
| Date & Time Acquired :: | 2017-07-19 12:50:42 | DataFile Name :   | 019CCBE_P7071917 -M: |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|-----------|------|------|------|------|---------|--------|-------|
| Zirconium | 91-1 | 258  | 300  | 275  | 278     | 7.55   | cps   |

LB Number : LB88853 Operator : Jaswal  
 Lab Sample ID : PB100760BS Instrumnet Name : P7  
 Client Sample ID : PB100760BS Dilution Factor : 1  
 Date & Time Acquired :: 2017-07-19 12:54:10 DataFile Name : 020LCSE\_P7071917 -M9

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|------------|-------|----------|----------|----------|----------|--------|-------|
| Aluminium  | 27-2  | 2634     | 2334     | 2825     | 2598     | 9.54   | cps   |
| Antimony   | 121-1 | 34000    | 34043    | 34585    | 34209    | 0.95   | cps   |
| Arsenic    | 75-2  | 498      | 519      | 528      | 515      | 2.94   | cps   |
| Barium     | 135-1 | 41806    | 40903    | 42717    | 41808    | 2.17   | cps   |
| Barium     | 137-1 | 72423    | 73151    | 72967    | 72847    | 0.52   | cps   |
| Beryllium  | 9-1   | 2656     | 2539     | 2600     | 2598     | 2.25   | cps   |
| Bismuth    | 209-1 | 7330967  | 7341317  | 7403334  | 7358539  | 0.53   | cps   |
| Bismuth    | 209-2 | 4162367  | 4245965  | 4244776  | 4217703  | 1.14   | cps   |
| Boron      | 10-1  | 6293     | 6727     | 6218     | 6413     | 4.28   | cps   |
| Boron      | 11-1  | 29547    | 31842    | 31626    | 31005    | 4.09   | cps   |
| Cadmium    | 111-1 | 6084     | 6053     | 6190     | 6109     | 1.17   | cps   |
| Cadmium    | 106-1 | 3509     | 3467     | 3442     | 3473     | 0.97   | cps   |
| Cadmium    | 108-1 | 367      | 308      | 321      | 332      | 9.25   | cps   |
| Calcium    | 43-1  | 20849    | 20949    | 20782    | 20860    | 0.40   | cps   |
| Calcium    | 44-1  | 338642   | 336255   | 340320   | 338406   | 0.60   | cps   |
| Chromium   | 52-2  | 8773     | 9537     | 9356     | 9222     | 4.33   | cps   |
| Cobalt     | 59-2  | 7292     | 7379     | 7335     | 7335     | 0.59   | cps   |
| Copper     | 63-2  | 11802    | 11541    | 11898    | 11747    | 1.57   | cps   |
| Dysprosium | 156-1 | 25       | 0        | 8        | 11       | 114.58 | cps   |
| Dysprosium | 156-2 | 3        | 0        | 7        | 3        | 100.05 | cps   |
| Erbium     | 164-1 | 25       | 33       | 67       | 42       | 52.92  | cps   |
| Erbium     | 164-2 | 23       | 27       | 60       | 37       | 55.30  | cps   |
| Gadolinium | 160-1 | 50       | 75       | 75       | 67       | 21.65  | cps   |
| Gadolinium | 160-2 | 93       | 70       | 60       | 74       | 22.98  | cps   |
| Holmium    | 165-1 | 10865571 | 10890287 | 10974911 | 10910256 | 0.53   | cps   |
| Holmium    | 165-2 | 5315066  | 5452365  | 5402728  | 5390053  | 1.29   | cps   |
| Indium     | 115-1 | 8322842  | 8271545  | 8345544  | 8313310  | 0.46   | cps   |
| Indium     | 115-2 | 1573535  | 1603749  | 1589419  | 1588901  | 0.95   | cps   |
| Iron       | 56-2  | 698919   | 703711   | 709108   | 703913   | 0.72   | cps   |
| Iron       | 57-2  | 17872    | 17472    | 17750    | 17698    | 1.16   | cps   |
| Lead       | 206-1 | 18931    | 17968    | 18246    | 18382    | 2.69   | cps   |
| Lead       | 207-1 | 17801    | 16572    | 17395    | 17256    | 3.63   | cps   |
| Lead       | 208-1 | 77545    | 74506    | 74760    | 75604    | 2.23   | cps   |
| Lithium    | 6-1   | 1379230  | 1384134  | 1384311  | 1382558  | 0.21   | cps   |
| Magnesium  | 24-2  | 148058   | 146593   | 148664   | 147772   | 0.72   | cps   |
| Manganese  | 55-2  | 2790     | 3037     | 2817     | 2881     | 4.70   | cps   |



|                         |                     |                   |                      |
|-------------------------|---------------------|-------------------|----------------------|
| LB Number :             | LB88853             | Operator :        | Jaswal               |
| Lab Sample ID :         | PB100760BS          | Instrumnet Name : | P7                   |
| Client Sample ID :      | PB100760BS          | Dilution Factor : | 1                    |
| Date & Time Acquired :: | 2017-07-19 12:54:10 | DataFile Name :   | 020LCSE_P7071917 -M9 |

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|------------|-------|----------|----------|----------|----------|--------|-------|
| Molybdenum | 94-1  | 32538    | 32405    | 32496    | 32480    | 0.21   | cps   |
| Molybdenum | 95-1  | 38094    | 37609    | 37083    | 37595    | 1.35   | cps   |
| Molybdenum | 96-1  | 42423    | 42556    | 41679    | 42219    | 1.12   | cps   |
| Molybdenum | 97-1  | 23403    | 23929    | 23395    | 23576    | 1.30   | cps   |
| Molybdenum | 98-1  | 62244    | 61174    | 62003    | 61807    | 0.91   | cps   |
| Neodymium  | 150-1 | 13       | 0        | 7        | 7        | 99.98  | cps   |
| Neodymium  | 150-2 | 0        | 3        | 0        | 1        | 173.21 | cps   |
| Nickel     | 60-2  | 2484     | 2720     | 2630     | 2611     | 4.58   | cps   |
| Phosphorus | 31-2  | 125      | 158      | 192      | 158      | 21.05  | cps   |
| Potassium  | 39-2  | 180957   | 183074   | 184239   | 182757   | 0.91   | cps   |
| Rhodium    | 103-1 | 7313995  | 7303807  | 7441632  | 7353145  | 1.04   | cps   |
| Rhodium    | 103-2 | 3303581  | 3380039  | 3346479  | 3343367  | 1.15   | cps   |
| Scandium   | 45-1  | 4356291  | 4413130  | 4455866  | 4408429  | 1.13   | cps   |
| Scandium   | 45-2  | 194323   | 196190   | 196842   | 195785   | 0.67   | cps   |
| Selenium   | 77-2  | 53       | 57       | 70       | 60       | 14.70  | cps   |
| Selenium   | 78-2  | 237      | 230      | 254      | 240      | 5.14   | cps   |
| Selenium   | 82-1  | 1261     | 1162     | 1187     | 1203     | 4.26   | cps   |
| Silicon    | 28-1  | 372384   | 372753   | 374905   | 373348   | 0.36   | cps   |
| Silver     | 109-1 | 19130    | 19030    | 19022    | 19061    | 0.32   | cps   |
| Silver     | 107-1 | 20749    | 19723    | 20290    | 20254    | 2.54   | cps   |
| Sodium     | 23-2  | 294393   | 290928   | 294029   | 293117   | 0.65   | cps   |
| Strontium  | 86-1  | 5810     | 6243     | 5626     | 5893     | 5.37   | cps   |
| Strontium  | 88-1  | 47078    | 45992    | 46802    | 46624    | 1.21   | cps   |
| Sulfur     | 34-1  | 250185   | 248210   | 252523   | 250306   | 0.86   | cps   |
| Terbium    | 159-1 | 11121116 | 11266432 | 11229009 | 11205519 | 0.67   | cps   |
| Terbium    | 159-2 | 5260812  | 5360707  | 5302520  | 5308013  | 0.95   | cps   |
| Thallium   | 203-1 | 17738    | 17571    | 17404    | 17571    | 0.95   | cps   |
| Thallium   | 205-1 | 41558    | 42662    | 43464    | 42561    | 2.25   | cps   |
| Tin        | 118-1 | 69421    | 67814    | 69665    | 68967    | 1.46   | cps   |
| Titanium   | 47-1  | 9820     | 9987     | 9912     | 9906     | 0.84   | cps   |
| Uranium    | 238-1 | 59210    | 58884    | 60341    | 59478    | 1.29   | cps   |
| Vanadium   | 51-2  | 17634    | 17430    | 17267    | 17444    | 1.05   | cps   |
| Yttrium    | 89-1  | 8150449  | 8303280  | 8243767  | 8232499  | 0.94   | cps   |
| Yttrium    | 89-2  | 1163111  | 1192703  | 1187105  | 1180973  | 1.33   | cps   |
| Zinc       | 66-2  | 1517     | 1487     | 1557     | 1520     | 2.31   | cps   |
| Zirconium  | 90-1  | 29765    | 29673    | 28680    | 29373    | 2.05   | cps   |

|                         |                     |                   |                      |
|-------------------------|---------------------|-------------------|----------------------|
| LB Number :             | LB88853             | Operator :        | Jaswal               |
| Lab Sample ID :         | PB100760BS          | Instrumnet Name : | P7                   |
| Client Sample ID :      | PB100760BS          | Dilution Factor : | 1                    |
| Date & Time Acquired :: | 2017-07-19 12:54:10 | DataFile Name :   | 020LCSE_P7071917 -M9 |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|-----------|------|------|------|------|---------|--------|-------|
| Zirconium | 91-1 | 6693 | 6493 | 6477 | 6555    | 1.84   | cps   |

|                         |                     |                   |                     |
|-------------------------|---------------------|-------------------|---------------------|
| LB Number :             | LB88853             | Operator :        | Jaswal              |
| Lab Sample ID :         | PB100761BL          | Instrumnet Name : | P7                  |
| Client Sample ID :      | PB100761BL          | Dilution Factor : | 1                   |
| Date & Time Acquired :: | 2017-07-19 12:57:38 | DataFile Name :   | 021CCBE_P7071917 -M |

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|------------|-------|----------|----------|----------|----------|--------|-------|
| Aluminium  | 27-2  | 108      | 42       | 67       | 72       | 46.63  | cps   |
| Antimony   | 121-1 | 600      | 858      | 750      | 736      | 17.62  | cps   |
| Arsenic    | 75-2  | 9        | 11       | 15       | 12       | 24.10  | cps   |
| Barium     | 135-1 | 50       | 42       | 83       | 58       | 37.80  | cps   |
| Barium     | 137-1 | 92       | 67       | 67       | 75       | 19.24  | cps   |
| Beryllium  | 9-1   | 272      | 178      | 172      | 207      | 27.10  | cps   |
| Bismuth    | 209-1 | 7312653  | 7400763  | 7233662  | 7315693  | 1.14   | cps   |
| Bismuth    | 209-2 | 3955796  | 3959328  | 3915529  | 3943551  | 0.62   | cps   |
| Boron      | 10-1  | 933      | 850      | 917      | 900      | 4.90   | cps   |
| Boron      | 11-1  | 4618     | 4451     | 4326     | 4465     | 3.28   | cps   |
| Cadmium    | 111-1 | 2209     | 2366     | 1972     | 2182     | 9.08   | cps   |
| Cadmium    | 106-1 | 3134     | 3359     | 2792     | 3095     | 9.22   | cps   |
| Cadmium    | 108-1 | 8        | 8        | 4        | 7        | 34.59  | cps   |
| Calcium    | 43-1  | 200      | 158      | 200      | 186      | 12.93  | cps   |
| Calcium    | 44-1  | 5585     | 6235     | 5751     | 5857     | 5.77   | cps   |
| Chromium   | 52-2  | 443      | 470      | 483      | 466      | 4.37   | cps   |
| Cobalt     | 59-2  | 113      | 113      | 157      | 128      | 19.58  | cps   |
| Copper     | 63-2  | 1310     | 1197     | 1147     | 1218     | 6.87   | cps   |
| Dysprosium | 156-1 | 17       | 8        | 17       | 14       | 34.67  | cps   |
| Dysprosium | 156-2 | 0        | 10       | 3        | 4        | 114.60 | cps   |
| Erbium     | 164-1 | 58       | 33       | 50       | 47       | 26.97  | cps   |
| Erbium     | 164-2 | 10       | 7        | 10       | 9        | 21.63  | cps   |
| Gadolinium | 160-1 | 92       | 108      | 42       | 81       | 43.07  | cps   |
| Gadolinium | 160-2 | 90       | 90       | 60       | 80       | 21.65  | cps   |
| Holmium    | 165-1 | 10589693 | 10921634 | 10611496 | 10707608 | 1.73   | cps   |
| Holmium    | 165-2 | 4972385  | 4926297  | 4871146  | 4923276  | 1.03   | cps   |
| Indium     | 115-1 | 8040922  | 8177478  | 8114164  | 8110855  | 0.84   | cps   |
| Indium     | 115-2 | 1474709  | 1464657  | 1443813  | 1461060  | 1.08   | cps   |
| Iron       | 56-2  | 8820     | 8592     | 9303     | 8905     | 4.08   | cps   |
| Iron       | 57-2  | 222      | 383      | 228      | 278      | 32.92  | cps   |
| Lead       | 206-1 | 1834     | 1711     | 1750     | 1765     | 3.54   | cps   |
| Lead       | 207-1 | 1700     | 1622     | 1422     | 1582     | 9.06   | cps   |
| Lead       | 208-1 | 7679     | 6901     | 6918     | 7166     | 6.20   | cps   |
| Lithium    | 6-1   | 1359346  | 1356842  | 1363768  | 1359985  | 0.26   | cps   |
| Magnesium  | 24-2  | 1517     | 1533     | 1317     | 1456     | 8.28   | cps   |
| Manganese  | 55-2  | 243      | 270      | 230      | 248      | 8.22   | cps   |

LB Number : LB88853 Operator : Jaswal  
 Lab Sample ID : PB100761BL Instrumnet Name : P7  
 Client Sample ID : PB100761BL Dilution Factor : 1  
 Date & Time Acquired :: 2017-07-19 12:57:38 DataFile Name : 021CCBE\_P7071917 -M:

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|------------|-------|----------|----------|----------|----------|--------|-------|
| Molybdenum | 94-1  | 492      | 350      | 483      | 442      | 18.00  | cps   |
| Molybdenum | 95-1  | 325      | 292      | 225      | 281      | 18.15  | cps   |
| Molybdenum | 96-1  | 267      | 292      | 325      | 294      | 9.94   | cps   |
| Molybdenum | 97-1  | 175      | 192      | 208      | 192      | 8.69   | cps   |
| Molybdenum | 98-1  | 492      | 408      | 375      | 425      | 14.14  | cps   |
| Neodymium  | 150-1 | 0        | 13       | 7        | 7        | 99.98  | cps   |
| Neodymium  | 150-2 | 0        | 3        | 0        | 1        | 173.21 | cps   |
| Nickel     | 60-2  | 807      | 740      | 700      | 749      | 7.20   | cps   |
| Phosphorus | 31-2  | 125      | 158      | 175      | 153      | 16.66  | cps   |
| Potassium  | 39-2  | 29330    | 30324    | 29288    | 29647    | 1.98   | cps   |
| Rhodium    | 103-1 | 7129843  | 7253851  | 7128354  | 7170682  | 1.00   | cps   |
| Rhodium    | 103-2 | 3091616  | 3068723  | 3047596  | 3069311  | 0.72   | cps   |
| Scandium   | 45-1  | 4353602  | 4335709  | 4310148  | 4333153  | 0.50   | cps   |
| Scandium   | 45-2  | 183828   | 181918   | 175411   | 180386   | 2.45   | cps   |
| Selenium   | 77-2  | 3        | 0        | 0        | 1        | 173.21 | cps   |
| Selenium   | 78-2  | 67       | 69       | 69       | 68       | 1.57   | cps   |
| Selenium   | 82-1  | -2       | 57       | 10       | 22       | 145.03 | cps   |
| Silicon    | 28-1  | 283984   | 280139   | 286432   | 283518   | 1.12   | cps   |
| Silver     | 109-1 | 275      | 342      | 267      | 294      | 13.96  | cps   |
| Silver     | 107-1 | 292      | 333      | 300      | 308      | 7.15   | cps   |
| Sodium     | 23-2  | 14449    | 13974    | 14508    | 14310    | 2.05   | cps   |
| Strontium  | 86-1  | 617      | 808      | 792      | 739      | 14.37  | cps   |
| Strontium  | 88-1  | 283      | 308      | 258      | 283      | 8.82   | cps   |
| Sulfur     | 34-1  | 247404   | 250024   | 247226   | 248218   | 0.63   | cps   |
| Terbium    | 159-1 | 10958908 | 11017458 | 10972117 | 10982828 | 0.28   | cps   |
| Terbium    | 159-2 | 4950959  | 4918041  | 4850363  | 4906454  | 1.05   | cps   |
| Thallium   | 203-1 | 275      | 308      | 267      | 283      | 7.78   | cps   |
| Thallium   | 205-1 | 467      | 592      | 550      | 536      | 11.87  | cps   |
| Tin        | 118-1 | 1225     | 1650     | 1375     | 1417     | 15.22  | cps   |
| Titanium   | 47-1  | 58       | 83       | 100      | 81       | 26.03  | cps   |
| Uranium    | 238-1 | 133      | 167      | 142      | 147      | 11.79  | cps   |
| Vanadium   | 51-2  | 10       | 7        | 20       | 12       | 56.76  | cps   |
| Yttrium    | 89-1  | 8055532  | 8064189  | 8051964  | 8057228  | 0.08   | cps   |
| Yttrium    | 89-2  | 1088472  | 1089509  | 1075224  | 1084402  | 0.73   | cps   |
| Zinc       | 66-2  | 190      | 147      | 150      | 162      | 14.86  | cps   |
| Zirconium  | 90-1  | 1025     | 758      | 750      | 845      | 18.52  | cps   |

|                         |                     |                   |                      |
|-------------------------|---------------------|-------------------|----------------------|
| LB Number :             | LB88853             | Operator :        | Jaswal               |
| Lab Sample ID :         | PB100761BL          | Instrumnet Name : | P7                   |
| Client Sample ID :      | PB100761BL          | Dilution Factor : | 1                    |
| Date & Time Acquired :: | 2017-07-19 12:57:38 | DataFile Name :   | 021CCBE_P7071917 -M: |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|-----------|------|------|------|------|---------|--------|-------|
| Zirconium | 91-1 | 250  | 125  | 208  | 194     | 32.73  | cps   |

LB Number : LB88853 Operator : Jaswal  
 Lab Sample ID : PB100761BS Instrumnet Name : P7  
 Client Sample ID : PB100761BS Dilution Factor : 1  
 Date & Time Acquired :: 2017-07-19 13:01:06 DataFile Name : 022LCSE\_P7071917 -M9

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|------------|-------|----------|----------|----------|----------|--------|-------|
| Aluminium  | 27-2  | 2392     | 2459     | 2692     | 2514     | 6.27   | cps   |
| Antimony   | 121-1 | 33157    | 32772    | 33433    | 33121    | 1.00   | cps   |
| Arsenic    | 75-2  | 548      | 519      | 474      | 514      | 7.26   | cps   |
| Barium     | 135-1 | 41379    | 40426    | 40844    | 40883    | 1.17   | cps   |
| Barium     | 137-1 | 72489    | 70153    | 71192    | 71278    | 1.64   | cps   |
| Beryllium  | 9-1   | 2473     | 2478     | 2567     | 2506     | 2.12   | cps   |
| Bismuth    | 209-1 | 7006370  | 7060235  | 7125073  | 7063893  | 0.84   | cps   |
| Bismuth    | 209-2 | 4065341  | 4048702  | 4071936  | 4061993  | 0.29   | cps   |
| Boron      | 10-1  | 6043     | 6327     | 6560     | 6310     | 4.10   | cps   |
| Boron      | 11-1  | 28269    | 29371    | 30256    | 29299    | 3.40   | cps   |
| Cadmium    | 111-1 | 5799     | 5605     | 5743     | 5716     | 1.75   | cps   |
| Cadmium    | 106-1 | 3392     | 3259     | 3217     | 3289     | 2.78   | cps   |
| Cadmium    | 108-1 | 317      | 313      | 275      | 301      | 7.61   | cps   |
| Calcium    | 43-1  | 19914    | 18921    | 19605    | 19480    | 2.61   | cps   |
| Calcium    | 44-1  | 323461   | 322711   | 324115   | 323429   | 0.22   | cps   |
| Chromium   | 52-2  | 8596     | 8753     | 8616     | 8655     | 0.99   | cps   |
| Cobalt     | 59-2  | 6702     | 6698     | 7159     | 6853     | 3.86   | cps   |
| Copper     | 63-2  | 11438    | 11295    | 11431    | 11388    | 0.71   | cps   |
| Dysprosium | 156-1 | 0        | 0        | 8        | 3        | 173.21 | cps   |
| Dysprosium | 156-2 | 3        | 0        | 10       | 4        | 114.60 | cps   |
| Erbium     | 164-1 | 83       | 50       | 83       | 72       | 26.65  | cps   |
| Erbium     | 164-2 | 20       | 30       | 33       | 28       | 24.98  | cps   |
| Gadolinium | 160-1 | 83       | 100      | 33       | 72       | 48.05  | cps   |
| Gadolinium | 160-2 | 83       | 77       | 73       | 78       | 6.55   | cps   |
| Holmium    | 165-1 | 10540530 | 10450920 | 10505786 | 10499078 | 0.43   | cps   |
| Holmium    | 165-2 | 5130743  | 5177517  | 5164419  | 5157560  | 0.47   | cps   |
| Indium     | 115-1 | 7881809  | 7867059  | 7961197  | 7903355  | 0.64   | cps   |
| Indium     | 115-2 | 1518822  | 1515597  | 1520418  | 1518279  | 0.16   | cps   |
| Iron       | 56-2  | 679216   | 679416   | 683337   | 680656   | 0.34   | cps   |
| Iron       | 57-2  | 17400    | 16649    | 17222    | 17090    | 2.30   | cps   |
| Lead       | 206-1 | 18107    | 17223    | 17757    | 17696    | 2.52   | cps   |
| Lead       | 207-1 | 17022    | 16016    | 16277    | 16438    | 3.18   | cps   |
| Lead       | 208-1 | 74449    | 71767    | 73002    | 73073    | 1.84   | cps   |
| Lithium    | 6-1   | 1330256  | 1332987  | 1337931  | 1333725  | 0.29   | cps   |
| Magnesium  | 24-2  | 142899   | 143095   | 141940   | 142645   | 0.43   | cps   |
| Manganese  | 55-2  | 2930     | 2820     | 2974     | 2908     | 2.72   | cps   |

|                         |                     |                   |                      |
|-------------------------|---------------------|-------------------|----------------------|
| LB Number :             | LB88853             | Operator :        | Jaswal               |
| Lab Sample ID :         | PB100761BS          | Instrumnet Name : | P7                   |
| Client Sample ID :      | PB100761BS          | Dilution Factor : | 1                    |
| Date & Time Acquired :: | 2017-07-19 13:01:06 | DataFile Name :   | 022LCSE_P7071917 -M9 |

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|------------|-------|----------|----------|----------|----------|--------|-------|
| Molybdenum | 94-1  | 32296    | 30801    | 30651    | 31249    | 2.91   | cps   |
| Molybdenum | 95-1  | 36782    | 37609    | 37091    | 37161    | 1.12   | cps   |
| Molybdenum | 96-1  | 40667    | 41194    | 41470    | 41110    | 0.99   | cps   |
| Molybdenum | 97-1  | 22210    | 22034    | 23520    | 22588    | 3.59   | cps   |
| Molybdenum | 98-1  | 58572    | 59274    | 58780    | 58875    | 0.61   | cps   |
| Neodymium  | 150-1 | 7        | 7        | 7        | 7        | 0.00   | cps   |
| Neodymium  | 150-2 | 7        | 0        | 0        | 2        | 173.21 | cps   |
| Nickel     | 60-2  | 2714     | 2630     | 2687     | 2677     | 1.59   | cps   |
| Phosphorus | 31-2  | 125      | 125      | 175      | 142      | 20.38  | cps   |
| Potassium  | 39-2  | 177179   | 175198   | 177331   | 176569   | 0.67   | cps   |
| Rhodium    | 103-1 | 6992032  | 6991352  | 7027257  | 7003547  | 0.29   | cps   |
| Rhodium    | 103-2 | 3185859  | 3195008  | 3193689  | 3191519  | 0.15   | cps   |
| Scandium   | 45-1  | 4179293  | 4232771  | 4203938  | 4205334  | 0.64   | cps   |
| Scandium   | 45-2  | 185408   | 187220   | 187972   | 186866   | 0.71   | cps   |
| Selenium   | 77-2  | 43       | 53       | 50       | 49       | 10.42  | cps   |
| Selenium   | 78-2  | 211      | 222      | 241      | 225      | 6.66   | cps   |
| Selenium   | 82-1  | 1021     | 1209     | 988      | 1073     | 11.11  | cps   |
| Silicon    | 28-1  | 364270   | 361074   | 357766   | 361037   | 0.90   | cps   |
| Silver     | 109-1 | 19397    | 19097    | 18596    | 19030    | 2.13   | cps   |
| Silver     | 107-1 | 19414    | 20107    | 19998    | 19840    | 1.88   | cps   |
| Sodium     | 23-2  | 283930   | 285610   | 285304   | 284948   | 0.31   | cps   |
| Strontium  | 86-1  | 6643     | 5701     | 5893     | 6079     | 8.19   | cps   |
| Strontium  | 88-1  | 44562    | 45113    | 44771    | 44815    | 0.62   | cps   |
| Sulfur     | 34-1  | 251125   | 247329   | 246902   | 248452   | 0.94   | cps   |
| Terbium    | 159-1 | 10799765 | 10742781 | 10870300 | 10804282 | 0.59   | cps   |
| Terbium    | 159-2 | 5077524  | 5054974  | 5098354  | 5076951  | 0.43   | cps   |
| Thallium   | 203-1 | 17162    | 17429    | 16678    | 17089    | 2.23   | cps   |
| Thallium   | 205-1 | 41900    | 41090    | 42184    | 41725    | 1.36   | cps   |
| Tin        | 118-1 | 67102    | 64180    | 65477    | 65587    | 2.23   | cps   |
| Titanium   | 47-1  | 8920     | 9128     | 9570     | 9206     | 3.61   | cps   |
| Uranium    | 238-1 | 56740    | 59285    | 57369    | 57798    | 2.29   | cps   |
| Vanadium   | 51-2  | 16756    | 16896    | 17067    | 16907    | 0.92   | cps   |
| Yttrium    | 89-1  | 7796882  | 7823195  | 7893148  | 7837742  | 0.63   | cps   |
| Yttrium    | 89-2  | 1121779  | 1126208  | 1128290  | 1125426  | 0.30   | cps   |
| Zinc       | 66-2  | 1533     | 1500     | 1507     | 1513     | 1.17   | cps   |
| Zirconium  | 90-1  | 27402    | 27920    | 27786    | 27703    | 0.97   | cps   |

|                         |                     |                   |                      |
|-------------------------|---------------------|-------------------|----------------------|
| LB Number :             | LB88853             | Operator :        | Jaswal               |
| Lab Sample ID :         | PB100761BS          | Instrumnet Name : | P7                   |
| Client Sample ID :      | PB100761BS          | Dilution Factor : | 1                    |
| Date & Time Acquired :: | 2017-07-19 13:01:06 | DataFile Name :   | 022LCSE_P7071917 -M9 |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|-----------|------|------|------|------|---------|--------|-------|
| Zirconium | 91-1 | 6285 | 5901 | 6627 | 6271    | 5.79   | cps   |



LB Number : LB88853 Operator : Jaswal  
 Lab Sample ID : CCV32 Instrumnet Name : P7  
 Client Sample ID : CCV32 Dilution Factor : 1  
 Date & Time Acquired :: 2017-07-19 13:04:35 DataFile Name : 023CCV\_P7071917 -MS.

| Parameter  | Mass  | CPS1      | CPS2      | CPS3      | CPSMean   | CPSRSD | Units |
|------------|-------|-----------|-----------|-----------|-----------|--------|-------|
| Aluminium  | 27-2  | 3375783   | 3368162   | 3353748   | 3365898   | 0.33   | cps   |
| Antimony   | 121-1 | 4039266   | 4044894   | 4045732   | 4043297   | 0.09   | cps   |
| Arsenic    | 75-2  | 123054    | 123284    | 123750    | 123363    | 0.29   | cps   |
| Barium     | 135-1 | 5247871   | 5224302   | 5251147   | 5241107   | 0.28   | cps   |
| Barium     | 137-1 | 9010565   | 8974060   | 9009976   | 8998200   | 0.23   | cps   |
| Beryllium  | 9-1   | 550566    | 556651    | 558075    | 555097    | 0.72   | cps   |
| Bismuth    | 209-1 | 6436466   | 6433615   | 6430692   | 6433591   | 0.04   | cps   |
| Bismuth    | 209-2 | 3644386   | 3745777   | 3740564   | 3710242   | 1.54   | cps   |
| Boron      | 10-1  | 58488     | 61794     | 61559     | 60614     | 3.04   | cps   |
| Boron      | 11-1  | 295013    | 298610    | 303590    | 299071    | 1.44   | cps   |
| Cadmium    | 111-1 | 903429    | 903684    | 902301    | 903138    | 0.08   | cps   |
| Cadmium    | 106-1 | 99993     | 99448     | 100110    | 99850     | 0.35   | cps   |
| Cadmium    | 108-1 | 63922     | 65551     | 64843     | 64772     | 1.26   | cps   |
| Calcium    | 43-1  | 5198865   | 5220616   | 5214426   | 5211302   | 0.22   | cps   |
| Calcium    | 44-1  | 84395375  | 84925746  | 84872358  | 84731160  | 0.34   | cps   |
| Chromium   | 52-2  | 1075694   | 1072032   | 1075247   | 1074324   | 0.19   | cps   |
| Cobalt     | 59-2  | 1672035   | 1673347   | 1674582   | 1673321   | 0.08   | cps   |
| Copper     | 63-2  | 2308405   | 2314698   | 2323514   | 2315539   | 0.33   | cps   |
| Dysprosium | 156-1 | 208       | 150       | 208       | 189       | 17.83  | cps   |
| Dysprosium | 156-2 | 80        | 83        | 53        | 72        | 22.77  | cps   |
| Erbium     | 164-1 | 83        | 33        | 67        | 61        | 41.67  | cps   |
| Erbium     | 164-2 | 50        | 37        | 37        | 41        | 18.72  | cps   |
| Gadolinium | 160-1 | 150       | 100       | 125       | 125       | 20.00  | cps   |
| Gadolinium | 160-2 | 87        | 143       | 127       | 119       | 24.50  | cps   |
| Holmium    | 165-1 | 10229449  | 10137464  | 10180968  | 10182627  | 0.45   | cps   |
| Holmium    | 165-2 | 5004366   | 5179425   | 5187285   | 5123692   | 2.02   | cps   |
| Indium     | 115-1 | 7320485   | 7469208   | 7366379   | 7385357   | 1.03   | cps   |
| Indium     | 115-2 | 1413020   | 1468476   | 1453429   | 1444975   | 1.98   | cps   |
| Iron       | 56-2  | 210540127 | 210175899 | 210211816 | 210309281 | 0.10   | cps   |
| Iron       | 57-2  | 5355440   | 5336745   | 5342778   | 5344987   | 0.18   | cps   |
| Lead       | 206-1 | 3318186   | 3317025   | 3337603   | 3324271   | 0.35   | cps   |
| Lead       | 207-1 | 3043608   | 3055536   | 3068648   | 3055931   | 0.41   | cps   |
| Lead       | 208-1 | 13727723  | 13655623  | 13755894  | 13713080  | 0.38   | cps   |
| Lithium    | 6-1   | 1301547   | 1310027   | 1308082   | 1306552   | 0.34   | cps   |
| Magnesium  | 24-2  | 37673993  | 37254066  | 37465038  | 37464366  | 0.56   | cps   |
| Manganese  | 55-2  | 1226888   | 1230800   | 1226280   | 1227989   | 0.20   | cps   |

|                         |                     |                   |                      |
|-------------------------|---------------------|-------------------|----------------------|
| LB Number :             | LB88853             | Operator :        | Jaswal               |
| Lab Sample ID :         | CCV32               | Instrumnet Name : | P7                   |
| Client Sample ID :      | CCV32               | Dilution Factor : | 1                    |
| Date & Time Acquired :: | 2017-07-19 13:04:35 | DataFile Name :   | 023CCV_P7071917 -MS. |

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|------------|-------|----------|----------|----------|----------|--------|-------|
| Molybdenum | 94-1  | 3440132  | 3441801  | 3439459  | 3440464  | 0.04   | cps   |
| Molybdenum | 95-1  | 1929050  | 1937130  | 1921826  | 1929336  | 0.40   | cps   |
| Molybdenum | 96-1  | 2470528  | 2457394  | 2452075  | 2459999  | 0.39   | cps   |
| Molybdenum | 97-1  | 1206426  | 1194878  | 1203033  | 1201446  | 0.49   | cps   |
| Molybdenum | 98-1  | 3122119  | 3145955  | 3117797  | 3128624  | 0.48   | cps   |
| Neodymium  | 150-1 | 553      | 420      | 507      | 493      | 13.71  | cps   |
| Neodymium  | 150-2 | 50       | 47       | 53       | 50       | 6.66   | cps   |
| Nickel     | 60-2  | 435291   | 430956   | 434699   | 433648   | 0.54   | cps   |
| Phosphorus | 31-2  | 35802    | 35652    | 35443    | 35632    | 0.51   | cps   |
| Potassium  | 39-2  | 19730598 | 19761892 | 19508909 | 19667133 | 0.70   | cps   |
| Rhodium    | 103-1 | 6299927  | 6409880  | 6284732  | 6331513  | 1.08   | cps   |
| Rhodium    | 103-2 | 2873648  | 2960864  | 2961339  | 2931950  | 1.72   | cps   |
| Scandium   | 45-1  | 4225554  | 4229796  | 4225983  | 4227111  | 0.06   | cps   |
| Scandium   | 45-2  | 188371   | 193479   | 193603   | 191818   | 1.56   | cps   |
| Selenium   | 77-2  | 2480     | 2614     | 2460     | 2518     | 3.31   | cps   |
| Selenium   | 78-2  | 8269     | 8477     | 8471     | 8406     | 1.41   | cps   |
| Selenium   | 82-1  | 53722    | 53852    | 54272    | 53949    | 0.53   | cps   |
| Silicon    | 28-1  | 2586737  | 2610692  | 2638914  | 2612114  | 1.00   | cps   |
| Silver     | 109-1 | 4244023  | 4267664  | 4283347  | 4265011  | 0.46   | cps   |
| Silver     | 107-1 | 4420681  | 4427315  | 4442773  | 4430256  | 0.26   | cps   |
| Sodium     | 23-2  | 71041397 | 70893860 | 70468733 | 70801330 | 0.42   | cps   |
| Strontium  | 86-1  | 1270203  | 1268943  | 1272288  | 1270478  | 0.13   | cps   |
| Strontium  | 88-1  | 11239129 | 11215934 | 11221167 | 11225410 | 0.11   | cps   |
| Sulfur     | 34-1  | 546323   | 548550   | 548941   | 547938   | 0.26   | cps   |
| Terbium    | 159-1 | 10448918 | 10539554 | 10223694 | 10404055 | 1.56   | cps   |
| Terbium    | 159-2 | 4910882  | 5095253  | 5081793  | 5029309  | 2.04   | cps   |
| Thallium   | 203-1 | 4109177  | 4083875  | 4118019  | 4103690  | 0.43   | cps   |
| Thallium   | 205-1 | 9701775  | 9821763  | 9863425  | 9795654  | 0.86   | cps   |
| Tin        | 118-1 | 3295452  | 3291649  | 3303739  | 3296947  | 0.19   | cps   |
| Titanium   | 47-1  | 495849   | 496019   | 495621   | 495830   | 0.04   | cps   |
| Uranium    | 238-1 | 14507847 | 14562644 | 14557311 | 14542601 | 0.21   | cps   |
| Vanadium   | 51-2  | 897767   | 895954   | 895399   | 896373   | 0.14   | cps   |
| Yttrium    | 89-1  | 7639517  | 7677184  | 7620054  | 7645585  | 0.38   | cps   |
| Yttrium    | 89-2  | 1109901  | 1144055  | 1141487  | 1131814  | 1.68   | cps   |
| Zinc       | 66-2  | 316865   | 317149   | 316961   | 316992   | 0.05   | cps   |
| Zirconium  | 90-1  | 6382387  | 6388710  | 6338807  | 6369968  | 0.43   | cps   |

|                         |                     |                   |                      |
|-------------------------|---------------------|-------------------|----------------------|
| LB Number :             | LB88853             | Operator :        | Jaswal               |
| Lab Sample ID :         | CCV32               | Instrumnet Name : | P7                   |
| Client Sample ID :      | CCV32               | Dilution Factor : | 1                    |
| Date & Time Acquired :: | 2017-07-19 13:04:35 | DataFile Name :   | 023CCV_P7071917 -MS. |

| Parameter | Mass | CPS1    | CPS2    | CPS3    | CPSMean | CPSRSD | Units |
|-----------|------|---------|---------|---------|---------|--------|-------|
| Zirconium | 91-1 | 1424235 | 1415788 | 1414171 | 1418065 | 0.38   | cps   |

|                         |                     |                   |                     |
|-------------------------|---------------------|-------------------|---------------------|
| LB Number :             | LB88853             | Operator :        | Jaswal              |
| Lab Sample ID :         | CCB32               | Instrumnet Name : | P7                  |
| Client Sample ID :      | CCB32               | Dilution Factor : | 1                   |
| Date & Time Acquired :: | 2017-07-19 13:12:19 | DataFile Name :   | 024CCBE_P7071917 -M |

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|------------|-------|----------|----------|----------|----------|--------|-------|
| Aluminium  | 27-2  | 25       | 100      | 92       | 72       | 56.92  | cps   |
| Antimony   | 121-1 | 2625     | 2600     | 2317     | 2514     | 6.81   | cps   |
| Arsenic    | 75-2  | 15       | 11       | 20       | 15       | 30.20  | cps   |
| Barium     | 135-1 | 50       | 92       | 58       | 67       | 33.07  | cps   |
| Barium     | 137-1 | 92       | 92       | 67       | 83       | 17.32  | cps   |
| Beryllium  | 9-1   | 378      | 350      | 361      | 363      | 3.85   | cps   |
| Bismuth    | 209-1 | 7487580  | 7168901  | 6913451  | 7189977  | 4.00   | cps   |
| Bismuth    | 209-2 | 3982624  | 4004671  | 3991702  | 3992999  | 0.28   | cps   |
| Boron      | 10-1  | 1317     | 1342     | 1283     | 1314     | 2.23   | cps   |
| Boron      | 11-1  | 6243     | 6176     | 6502     | 6307     | 2.72   | cps   |
| Cadmium    | 111-1 | 2138     | 1919     | 2002     | 2020     | 5.48   | cps   |
| Cadmium    | 106-1 | 3025     | 2700     | 2850     | 2859     | 5.69   | cps   |
| Cadmium    | 108-1 | 13       | 13       | 8        | 11       | 21.67  | cps   |
| Calcium    | 43-1  | 250      | 292      | 225      | 256      | 13.18  | cps   |
| Calcium    | 44-1  | 6010     | 6302     | 5885     | 6065     | 3.53   | cps   |
| Chromium   | 52-2  | 513      | 367      | 463      | 448      | 16.65  | cps   |
| Cobalt     | 59-2  | 120      | 167      | 113      | 133      | 21.79  | cps   |
| Copper     | 63-2  | 1037     | 1083     | 1087     | 1069     | 2.62   | cps   |
| Dysprosium | 156-1 | 0        | 0        | 0        | 0        | 0.00   | cps   |
| Dysprosium | 156-2 | 0        | 3        | 0        | 1        | 173.21 | cps   |
| Erbium     | 164-1 | 8        | 33       | 17       | 19       | 65.47  | cps   |
| Erbium     | 164-2 | 17       | 13       | 17       | 16       | 12.40  | cps   |
| Gadolinium | 160-1 | 50       | 75       | 33       | 53       | 39.74  | cps   |
| Gadolinium | 160-2 | 117      | 97       | 83       | 99       | 16.97  | cps   |
| Holmium    | 165-1 | 10802324 | 10635540 | 10157015 | 10531626 | 3.18   | cps   |
| Holmium    | 165-2 | 4981235  | 5009786  | 5003428  | 4998150  | 0.30   | cps   |
| Indium     | 115-1 | 8231399  | 7981481  | 7639792  | 7950891  | 3.74   | cps   |
| Indium     | 115-2 | 1485037  | 1479852  | 1489384  | 1484758  | 0.32   | cps   |
| Iron       | 56-2  | 10582    | 10504    | 10498    | 10528    | 0.44   | cps   |
| Iron       | 57-2  | 394      | 361      | 361      | 372      | 5.17   | cps   |
| Lead       | 206-1 | 1500     | 1522     | 1333     | 1452     | 7.11   | cps   |
| Lead       | 207-1 | 1395     | 1250     | 1267     | 1304     | 6.06   | cps   |
| Lead       | 208-1 | 6073     | 5878     | 5556     | 5836     | 4.47   | cps   |
| Lithium    | 6-1   | 1408573  | 1369159  | 1301915  | 1359882  | 3.97   | cps   |
| Magnesium  | 24-2  | 1192     | 1192     | 1225     | 1203     | 1.60   | cps   |
| Manganese  | 55-2  | 250      | 290      | 243      | 261      | 9.67   | cps   |

|                         |                     |                   |                     |
|-------------------------|---------------------|-------------------|---------------------|
| LB Number :             | LB88853             | Operator :        | Jaswal              |
| Lab Sample ID :         | CCB32               | Instrumnet Name : | P7                  |
| Client Sample ID :      | CCB32               | Dilution Factor : | 1                   |
| Date & Time Acquired :: | 2017-07-19 13:12:19 | DataFile Name :   | 024CCBE_P7071917 -M |

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|------------|-------|----------|----------|----------|----------|--------|-------|
| Molybdenum | 94-1  | 633      | 550      | 675      | 619      | 10.28  | cps   |
| Molybdenum | 95-1  | 358      | 492      | 325      | 392      | 22.52  | cps   |
| Molybdenum | 96-1  | 475      | 508      | 558      | 514      | 8.16   | cps   |
| Molybdenum | 97-1  | 250      | 225      | 275      | 250      | 10.00  | cps   |
| Molybdenum | 98-1  | 442      | 625      | 675      | 581      | 21.16  | cps   |
| Neodymium  | 150-1 | 0        | 0        | 7        | 2        | 173.21 | cps   |
| Neodymium  | 150-2 | 0        | 0        | 0        | 0        | 0.00   | cps   |
| Nickel     | 60-2  | 727      | 767      | 710      | 734      | 3.97   | cps   |
| Phosphorus | 31-2  | 125      | 183      | 100      | 136      | 31.42  | cps   |
| Potassium  | 39-2  | 30248    | 28895    | 30015    | 29720    | 2.43   | cps   |
| Rhodium    | 103-1 | 7258759  | 7076614  | 6782672  | 7039348  | 3.41   | cps   |
| Rhodium    | 103-2 | 3118953  | 3124074  | 3114652  | 3119226  | 0.15   | cps   |
| Scandium   | 45-1  | 4486903  | 4240524  | 4119883  | 4282437  | 4.37   | cps   |
| Scandium   | 45-2  | 187213   | 182637   | 184098   | 184649   | 1.27   | cps   |
| Selenium   | 77-2  | 10       | 3        | 0        | 4        | 114.60 | cps   |
| Selenium   | 78-2  | 52       | 63       | 59       | 58       | 9.75   | cps   |
| Selenium   | 82-1  | 25       | 6        | -14      | 5        | 361.37 | cps   |
| Silicon    | 28-1  | 289826   | 285167   | 287228   | 287407   | 0.81   | cps   |
| Silver     | 109-1 | 208      | 142      | 158      | 169      | 20.48  | cps   |
| Silver     | 107-1 | 158      | 233      | 142      | 178      | 27.47  | cps   |
| Sodium     | 23-2  | 14474    | 14624    | 14024    | 14374    | 2.17   | cps   |
| Strontium  | 86-1  | 692      | 750      | 775      | 739      | 5.79   | cps   |
| Strontium  | 88-1  | 375      | 217      | 258      | 283      | 28.97  | cps   |
| Sulfur     | 34-1  | 253219   | 255116   | 256879   | 255071   | 0.72   | cps   |
| Terbium    | 159-1 | 11177185 | 10899101 | 10404504 | 10826930 | 3.61   | cps   |
| Terbium    | 159-2 | 4933253  | 4951356  | 4948719  | 4944442  | 0.20   | cps   |
| Thallium   | 203-1 | 550      | 417      | 375      | 447      | 20.44  | cps   |
| Thallium   | 205-1 | 1017     | 1033     | 1008     | 1020     | 1.25   | cps   |
| Tin        | 118-1 | 1934     | 1925     | 2050     | 1970     | 3.55   | cps   |
| Titanium   | 47-1  | 92       | 67       | 75       | 78       | 16.37  | cps   |
| Uranium    | 238-1 | 142      | 142      | 150      | 144      | 3.33   | cps   |
| Vanadium   | 51-2  | 7        | 7        | 7        | 7        | 0.00   | cps   |
| Yttrium    | 89-1  | 8212438  | 7905253  | 7592292  | 7903328  | 3.92   | cps   |
| Yttrium    | 89-2  | 1102735  | 1098520  | 1102471  | 1101242  | 0.21   | cps   |
| Zinc       | 66-2  | 137      | 213      | 177      | 176      | 21.84  | cps   |
| Zirconium  | 90-1  | 1558     | 1325     | 1275     | 1386     | 10.91  | cps   |

|                         |                     |                   |                      |
|-------------------------|---------------------|-------------------|----------------------|
| LB Number :             | LB88853             | Operator :        | Jaswal               |
| Lab Sample ID :         | CCB32               | Instrumnet Name : | P7                   |
| Client Sample ID :      | CCB32               | Dilution Factor : | 1                    |
| Date & Time Acquired :: | 2017-07-19 13:12:19 | DataFile Name :   | 024CCBE_P7071917 -M: |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|-----------|------|------|------|------|---------|--------|-------|
| Zirconium | 91-1 | 383  | 283  | 308  | 325     | 16.01  | cps   |

|                         |                     |                   |                      |
|-------------------------|---------------------|-------------------|----------------------|
| LB Number :             | LB88853             | Operator :        | Jaswal               |
| Lab Sample ID :         | CCV33               | Instrumnet Name : | P7                   |
| Client Sample ID :      | CCV33               | Dilution Factor : | 1                    |
| Date & Time Acquired :: | 2017-07-19 13:57:04 | DataFile Name :   | 025CCV_P7071917 -MS. |

| Parameter  | Mass  | CPS1      | CPS2      | CPS3      | CPSMean   | CPSRSD | Units |
|------------|-------|-----------|-----------|-----------|-----------|--------|-------|
| Aluminium  | 27-2  | 3372053   | 3368213   | 3365695   | 3368654   | 0.10   | cps   |
| Antimony   | 121-1 | 4036449   | 4089343   | 4111950   | 4079247   | 0.95   | cps   |
| Arsenic    | 75-2  | 123763    | 123814    | 124070    | 123882    | 0.13   | cps   |
| Barium     | 135-1 | 5266766   | 5309297   | 5357143   | 5311069   | 0.85   | cps   |
| Barium     | 137-1 | 9103652   | 9099641   | 9234617   | 9145970   | 0.84   | cps   |
| Beryllium  | 9-1   | 552406    | 556586    | 560598    | 556530    | 0.74   | cps   |
| Bismuth    | 209-1 | 6477208   | 6553985   | 6594754   | 6541982   | 0.91   | cps   |
| Bismuth    | 209-2 | 3715229   | 3694654   | 3815397   | 3741760   | 1.73   | cps   |
| Boron      | 10-1  | 59827     | 59241     | 62722     | 60597     | 3.08   | cps   |
| Boron      | 11-1  | 292237    | 297775    | 305729    | 298581    | 2.27   | cps   |
| Cadmium    | 111-1 | 894896    | 892506    | 911903    | 899768    | 1.18   | cps   |
| Cadmium    | 106-1 | 98969     | 97989     | 99640     | 98866     | 0.84   | cps   |
| Cadmium    | 108-1 | 65815     | 64739     | 64634     | 65063     | 1.00   | cps   |
| Calcium    | 43-1  | 5244963   | 5242962   | 5304852   | 5264259   | 0.67   | cps   |
| Calcium    | 44-1  | 84389604  | 84529550  | 85178610  | 84699255  | 0.50   | cps   |
| Chromium   | 52-2  | 1072910   | 1078097   | 1069049   | 1073352   | 0.42   | cps   |
| Cobalt     | 59-2  | 1675717   | 1682800   | 1680231   | 1679583   | 0.21   | cps   |
| Copper     | 63-2  | 2307885   | 2327422   | 2332148   | 2322485   | 0.55   | cps   |
| Dysprosium | 156-1 | 192       | 217       | 117       | 175       | 29.74  | cps   |
| Dysprosium | 156-2 | 103       | 83        | 103       | 97        | 11.95  | cps   |
| Erbium     | 164-1 | 67        | 108       | 58        | 78        | 34.44  | cps   |
| Erbium     | 164-2 | 27        | 27        | 43        | 32        | 29.85  | cps   |
| Gadolinium | 160-1 | 100       | 100       | 133       | 111       | 17.32  | cps   |
| Gadolinium | 160-2 | 103       | 123       | 117       | 114       | 8.90   | cps   |
| Holmium    | 165-1 | 10277604  | 10189126  | 10338734  | 10268488  | 0.73   | cps   |
| Holmium    | 165-2 | 5074639   | 5081815   | 5224591   | 5127015   | 1.65   | cps   |
| Indium     | 115-1 | 7320684   | 7385512   | 7335540   | 7347245   | 0.46   | cps   |
| Indium     | 115-2 | 1421067   | 1419975   | 1475744   | 1438929   | 2.22   | cps   |
| Iron       | 56-2  | 208521688 | 209242738 | 208895921 | 208886782 | 0.17   | cps   |
| Iron       | 57-2  | 5324391   | 5353664   | 5355729   | 5344594   | 0.33   | cps   |
| Lead       | 206-1 | 3418596   | 3434596   | 3474507   | 3442567   | 0.84   | cps   |
| Lead       | 207-1 | 3136008   | 3153000   | 3179174   | 3156061   | 0.69   | cps   |
| Lead       | 208-1 | 14089665  | 14122480  | 14190148  | 14134097  | 0.36   | cps   |
| Lithium    | 6-1   | 1299699   | 1310142   | 1316732   | 1308858   | 0.66   | cps   |
| Magnesium  | 24-2  | 37376876  | 37563970  | 37540523  | 37493789  | 0.27   | cps   |
| Manganese  | 55-2  | 1226620   | 1224591   | 1230190   | 1227134   | 0.23   | cps   |

|                         |                     |                   |                      |
|-------------------------|---------------------|-------------------|----------------------|
| LB Number :             | LB88853             | Operator :        | Jaswal               |
| Lab Sample ID :         | CCV33               | Instrumnet Name : | P7                   |
| Client Sample ID :      | CCV33               | Dilution Factor : | 1                    |
| Date & Time Acquired :: | 2017-07-19 13:57:04 | DataFile Name :   | 025CCV_P7071917 -MS. |

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|------------|-------|----------|----------|----------|----------|--------|-------|
| Molybdenum | 94-1  | 3428601  | 3445708  | 3468110  | 3447473  | 0.57   | cps   |
| Molybdenum | 95-1  | 1952547  | 1947991  | 1962879  | 1954472  | 0.39   | cps   |
| Molybdenum | 96-1  | 2470159  | 2454662  | 2484353  | 2469725  | 0.60   | cps   |
| Molybdenum | 97-1  | 1204632  | 1201868  | 1210790  | 1205763  | 0.38   | cps   |
| Molybdenum | 98-1  | 3133443  | 3148796  | 3170295  | 3150844  | 0.59   | cps   |
| Neodymium  | 150-1 | 447      | 513      | 580      | 513      | 12.99  | cps   |
| Neodymium  | 150-2 | 90       | 63       | 57       | 70       | 25.20  | cps   |
| Nickel     | 60-2  | 432116   | 436602   | 437661   | 435460   | 0.68   | cps   |
| Phosphorus | 31-2  | 35167    | 36245    | 36178    | 35863    | 1.68   | cps   |
| Potassium  | 39-2  | 19496475 | 19477258 | 19468565 | 19480766 | 0.07   | cps   |
| Rhodium    | 103-1 | 6169589  | 6304318  | 6268934  | 6247613  | 1.12   | cps   |
| Rhodium    | 103-2 | 2887885  | 2879037  | 2968374  | 2911765  | 1.69   | cps   |
| Scandium   | 45-1  | 4145859  | 4172450  | 4179432  | 4165914  | 0.43   | cps   |
| Scandium   | 45-2  | 187975   | 188579   | 192680   | 189745   | 1.35   | cps   |
| Selenium   | 77-2  | 2394     | 2624     | 2467     | 2495     | 4.71   | cps   |
| Selenium   | 78-2  | 8579     | 8360     | 8403     | 8447     | 1.37   | cps   |
| Selenium   | 82-1  | 53503    | 53684    | 54546    | 53911    | 1.03   | cps   |
| Silicon    | 28-1  | 2542051  | 2568193  | 2600835  | 2570360  | 1.15   | cps   |
| Silver     | 109-1 | 4245912  | 4257410  | 4324281  | 4275868  | 0.99   | cps   |
| Silver     | 107-1 | 4438552  | 4444737  | 4507215  | 4463501  | 0.85   | cps   |
| Sodium     | 23-2  | 70814302 | 70222443 | 70342099 | 70459615 | 0.44   | cps   |
| Strontium  | 86-1  | 1271323  | 1283858  | 1296734  | 1283971  | 0.99   | cps   |
| Strontium  | 88-1  | 11199089 | 11276329 | 11230058 | 11235158 | 0.35   | cps   |
| Sulfur     | 34-1  | 545044   | 541830   | 547306   | 544727   | 0.51   | cps   |
| Terbium    | 159-1 | 10524702 | 10527503 | 10595789 | 10549331 | 0.38   | cps   |
| Terbium    | 159-2 | 4980442  | 5003281  | 5101404  | 5028376  | 1.28   | cps   |
| Thallium   | 203-1 | 4210167  | 4217697  | 4253810  | 4227224  | 0.55   | cps   |
| Thallium   | 205-1 | 10094584 | 10136545 | 10133133 | 10121421 | 0.23   | cps   |
| Tin        | 118-1 | 3300409  | 3315282  | 3339394  | 3318362  | 0.59   | cps   |
| Titanium   | 47-1  | 496063   | 493552   | 497534   | 495716   | 0.41   | cps   |
| Uranium    | 238-1 | 15380740 | 15127055 | 15216198 | 15241331 | 0.84   | cps   |
| Vanadium   | 51-2  | 892908   | 895436   | 897267   | 895204   | 0.24   | cps   |
| Yttrium    | 89-1  | 7557316  | 7719098  | 7655897  | 7644104  | 1.07   | cps   |
| Yttrium    | 89-2  | 1105833  | 1108085  | 1143655  | 1119191  | 1.90   | cps   |
| Zinc       | 66-2  | 318811   | 319317   | 324782   | 320970   | 1.03   | cps   |
| Zirconium  | 90-1  | 6287845  | 6345035  | 6386819  | 6339900  | 0.78   | cps   |



|                         |                     |                   |                      |
|-------------------------|---------------------|-------------------|----------------------|
| LB Number :             | LB88853             | Operator :        | Jaswal               |
| Lab Sample ID :         | CCV33               | Instrumnet Name : | P7                   |
| Client Sample ID :      | CCV33               | Dilution Factor : | 1                    |
| Date & Time Acquired :: | 2017-07-19 13:57:04 | DataFile Name :   | 025CCV_P7071917 -MS. |

| Parameter | Mass | CPS1    | CPS2    | CPS3    | CPSMean | CPSRSD | Units |
|-----------|------|---------|---------|---------|---------|--------|-------|
| Zirconium | 91-1 | 1391477 | 1415028 | 1413825 | 1406777 | 0.94   | cps   |

|                         |                     |                   |                     |
|-------------------------|---------------------|-------------------|---------------------|
| LB Number :             | LB88853             | Operator :        | Jaswal              |
| Lab Sample ID :         | CCB33               | Instrumnet Name : | P7                  |
| Client Sample ID :      | CCB33               | Dilution Factor : | 1                   |
| Date & Time Acquired :: | 2017-07-19 14:00:31 | DataFile Name :   | 026CCBE_P7071917 -M |

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|------------|-------|----------|----------|----------|----------|--------|-------|
| Aluminium  | 27-2  | 67       | 75       | 33       | 58       | 37.80  | cps   |
| Antimony   | 121-1 | 9987     | 9420     | 8870     | 9426     | 5.93   | cps   |
| Arsenic    | 75-2  | 52       | 65       | 52       | 56       | 13.33  | cps   |
| Barium     | 135-1 | 92       | 67       | 50       | 69       | 30.20  | cps   |
| Barium     | 137-1 | 125      | 167      | 133      | 142      | 15.56  | cps   |
| Beryllium  | 9-1   | 428      | 389      | 511      | 443      | 14.11  | cps   |
| Bismuth    | 209-1 | 7236676  | 7227778  | 7228253  | 7230902  | 0.07   | cps   |
| Bismuth    | 209-2 | 4143526  | 4138010  | 4167133  | 4149556  | 0.37   | cps   |
| Boron      | 10-1  | 2667     | 2417     | 2284     | 2456     | 7.93   | cps   |
| Boron      | 11-1  | 12939    | 11680    | 10946    | 11855    | 8.50   | cps   |
| Cadmium    | 111-1 | 2084     | 1939     | 2082     | 2035     | 4.08   | cps   |
| Cadmium    | 106-1 | 2900     | 2717     | 2950     | 2856     | 4.30   | cps   |
| Cadmium    | 108-1 | 13       | 13       | 13       | 13       | 0.00   | cps   |
| Calcium    | 43-1  | 242      | 242      | 200      | 228      | 10.56  | cps   |
| Calcium    | 44-1  | 6168     | 6010     | 5901     | 6027     | 2.23   | cps   |
| Chromium   | 52-2  | 447      | 410      | 540      | 466      | 14.40  | cps   |
| Cobalt     | 59-2  | 130      | 163      | 97       | 130      | 25.64  | cps   |
| Copper     | 63-2  | 1093     | 1283     | 1090     | 1156     | 9.58   | cps   |
| Dysprosium | 156-1 | 0        | 0        | 33       | 11       | 173.21 | cps   |
| Dysprosium | 156-2 | 7        | 7        | 7        | 7        | 0.00   | cps   |
| Erbium     | 164-1 | 50       | 8        | 42       | 33       | 66.15  | cps   |
| Erbium     | 164-2 | 7        | 7        | 3        | 6        | 34.70  | cps   |
| Gadolinium | 160-1 | 33       | 58       | 75       | 56       | 37.75  | cps   |
| Gadolinium | 160-2 | 87       | 120      | 63       | 90       | 31.65  | cps   |
| Holmium    | 165-1 | 10596281 | 10667842 | 10502021 | 10588715 | 0.79   | cps   |
| Holmium    | 165-2 | 5165250  | 5180641  | 5209208  | 5185033  | 0.43   | cps   |
| Indium     | 115-1 | 8009432  | 7907069  | 7837120  | 7917874  | 1.09   | cps   |
| Indium     | 115-2 | 1520009  | 1534988  | 1533086  | 1529361  | 0.53   | cps   |
| Iron       | 56-2  | 10966    | 10743    | 11004    | 10904    | 1.29   | cps   |
| Iron       | 57-2  | 467      | 283      | 428      | 393      | 24.60  | cps   |
| Lead       | 206-1 | 1511     | 1489     | 1478     | 1493     | 1.14   | cps   |
| Lead       | 207-1 | 1361     | 1472     | 1406     | 1413     | 3.96   | cps   |
| Lead       | 208-1 | 6234     | 6128     | 6001     | 6121     | 1.91   | cps   |
| Lithium    | 6-1   | 1361460  | 1353574  | 1355033  | 1356689  | 0.31   | cps   |
| Magnesium  | 24-2  | 1075     | 983      | 1175     | 1078     | 8.89   | cps   |
| Manganese  | 55-2  | 247      | 200      | 223      | 223      | 10.45  | cps   |

|                         |                     |                   |                     |
|-------------------------|---------------------|-------------------|---------------------|
| LB Number :             | LB88853             | Operator :        | Jaswal              |
| Lab Sample ID :         | CCB33               | Instrumnet Name : | P7                  |
| Client Sample ID :      | CCB33               | Dilution Factor : | 1                   |
| Date & Time Acquired :: | 2017-07-19 14:00:31 | DataFile Name :   | 026CCBE_P7071917 -M |

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|------------|-------|----------|----------|----------|----------|--------|-------|
| Molybdenum | 94-1  | 1800     | 2159     | 1508     | 1822     | 17.87  | cps   |
| Molybdenum | 95-1  | 1375     | 1142     | 1433     | 1317     | 11.72  | cps   |
| Molybdenum | 96-1  | 1759     | 1525     | 1517     | 1600     | 8.57   | cps   |
| Molybdenum | 97-1  | 833      | 775      | 750      | 786      | 5.44   | cps   |
| Molybdenum | 98-1  | 2400     | 2092     | 1959     | 2150     | 10.54  | cps   |
| Neodymium  | 150-1 | 13       | 13       | 7        | 11       | 34.61  | cps   |
| Neodymium  | 150-2 | 3        | 0        | 0        | 1        | 173.21 | cps   |
| Nickel     | 60-2  | 697      | 640      | 687      | 674      | 4.48   | cps   |
| Phosphorus | 31-2  | 108      | 167      | 142      | 139      | 21.07  | cps   |
| Potassium  | 39-2  | 29539    | 29238    | 29129    | 29302    | 0.72   | cps   |
| Rhodium    | 103-1 | 7012270  | 6954010  | 6993248  | 6986509  | 0.43   | cps   |
| Rhodium    | 103-2 | 3185166  | 3214850  | 3227870  | 3209295  | 0.68   | cps   |
| Scandium   | 45-1  | 4279815  | 4275595  | 4249081  | 4268164  | 0.39   | cps   |
| Scandium   | 45-2  | 191599   | 190287   | 188459   | 190115   | 0.83   | cps   |
| Selenium   | 77-2  | 3        | 3        | 0        | 2        | 86.60  | cps   |
| Selenium   | 78-2  | 46       | 65       | 65       | 59       | 18.23  | cps   |
| Selenium   | 82-1  | -12      | 48       | 93       | 43       | 123.53 | cps   |
| Silicon    | 28-1  | 289036   | 289655   | 288688   | 289127   | 0.17   | cps   |
| Silver     | 109-1 | 192      | 217      | 300      | 236      | 24.02  | cps   |
| Silver     | 107-1 | 242      | 300      | 233      | 258      | 14.06  | cps   |
| Sodium     | 23-2  | 14007    | 14633    | 13473    | 14038    | 4.13   | cps   |
| Strontium  | 86-1  | 742      | 783      | 817      | 781      | 4.81   | cps   |
| Strontium  | 88-1  | 392      | 358      | 317      | 356      | 10.57  | cps   |
| Sulfur     | 34-1  | 251531   | 254633   | 249122   | 251762   | 1.10   | cps   |
| Terbium    | 159-1 | 10903137 | 10701818 | 10867720 | 10824225 | 0.99   | cps   |
| Terbium    | 159-2 | 5081954  | 5128102  | 5140383  | 5116813  | 0.60   | cps   |
| Thallium   | 203-1 | 1925     | 1509     | 1442     | 1625     | 16.12  | cps   |
| Thallium   | 205-1 | 4676     | 3809     | 3401     | 3962     | 16.44  | cps   |
| Tin        | 118-1 | 4343     | 4243     | 3409     | 3998     | 12.82  | cps   |
| Titanium   | 47-1  | 92       | 58       | 83       | 78       | 22.30  | cps   |
| Uranium    | 238-1 | 425      | 425      | 400      | 417      | 3.46   | cps   |
| Vanadium   | 51-2  | 33       | 3        | 17       | 18       | 84.55  | cps   |
| Yttrium    | 89-1  | 7913612  | 7842615  | 7910035  | 7888754  | 0.51   | cps   |
| Yttrium    | 89-2  | 1127242  | 1140680  | 1133174  | 1133699  | 0.59   | cps   |
| Zinc       | 66-2  | 177      | 163      | 177      | 172      | 4.47   | cps   |
| Zirconium  | 90-1  | 2667     | 2684     | 2925     | 2759     | 5.24   | cps   |

|                         |                     |                   |                      |
|-------------------------|---------------------|-------------------|----------------------|
| LB Number :             | LB88853             | Operator :        | Jaswal               |
| Lab Sample ID :         | CCB33               | Instrumnet Name : | P7                   |
| Client Sample ID :      | CCB33               | Dilution Factor : | 1                    |
| Date & Time Acquired :: | 2017-07-19 14:00:31 | DataFile Name :   | 026CCBE_P7071917 -M: |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|-----------|------|------|------|------|---------|--------|-------|
| Zirconium | 91-1 | 683  | 533  | 625  | 614     | 12.32  | cps   |

|                         |                     |                   |                     |
|-------------------------|---------------------|-------------------|---------------------|
| LB Number :             | LB88853             | Operator :        | Jaswal              |
| Lab Sample ID :         | I4255-01            | Instrumnet Name : | P7                  |
| Client Sample ID :      | MH0CC0              | Dilution Factor : | 1                   |
| Date & Time Acquired :: | 2017-07-19 14:03:59 | DataFile Name :   | 027SMPL_P7071917 -M |

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|------------|-------|----------|----------|----------|----------|--------|-------|
| Aluminium  | 27-2  | 1817     | 1759     | 1925     | 1834     | 4.61   | cps   |
| Antimony   | 121-1 | 5176     | 5360     | 5701     | 5412     | 4.93   | cps   |
| Arsenic    | 75-2  | 2128     | 2100     | 2191     | 2140     | 2.17   | cps   |
| Barium     | 135-1 | 176694   | 175020   | 174371   | 175362   | 0.68   | cps   |
| Barium     | 137-1 | 310437   | 304336   | 303128   | 305967   | 1.28   | cps   |
| Beryllium  | 9-1   | 389      | 372      | 422      | 394      | 6.45   | cps   |
| Bismuth    | 209-1 | 7384323  | 7404119  | 7307884  | 7365442  | 0.69   | cps   |
| Bismuth    | 209-2 | 4247032  | 4241177  | 3988269  | 4158826  | 3.55   | cps   |
| Boron      | 10-1  | 6944     | 7669     | 7177     | 7263     | 5.10   | cps   |
| Boron      | 11-1  | 34833    | 35810    | 36069    | 35570    | 1.83   | cps   |
| Cadmium    | 111-1 | 2508     | 2463     | 2424     | 2465     | 1.72   | cps   |
| Cadmium    | 106-1 | 3834     | 3634     | 3584     | 3684     | 3.59   | cps   |
| Cadmium    | 108-1 | 596      | 538      | 508      | 547      | 8.14   | cps   |
| Calcium    | 43-1  | 5430397  | 5337415  | 5352458  | 5373423  | 0.93   | cps   |
| Calcium    | 44-1  | 87674573 | 87123246 | 86411073 | 87069630 | 0.73   | cps   |
| Chromium   | 52-2  | 1177     | 1253     | 1140     | 1190     | 4.86   | cps   |
| Cobalt     | 59-2  | 269263   | 269025   | 272189   | 270159   | 0.65   | cps   |
| Copper     | 63-2  | 4344     | 4467     | 4341     | 4384     | 1.65   | cps   |
| Dysprosium | 156-1 | 1000     | 958      | 1100     | 1020     | 7.14   | cps   |
| Dysprosium | 156-2 | 393      | 383      | 407      | 394      | 2.97   | cps   |
| Erbium     | 164-1 | 883      | 942      | 1025     | 950      | 7.49   | cps   |
| Erbium     | 164-2 | 557      | 540      | 427      | 508      | 13.93  | cps   |
| Gadolinium | 160-1 | 933      | 758      | 858      | 850      | 10.33  | cps   |
| Gadolinium | 160-2 | 570      | 563      | 630      | 588      | 6.25   | cps   |
| Holmium    | 165-1 | 11297039 | 11356958 | 11281376 | 11311791 | 0.35   | cps   |
| Holmium    | 165-2 | 5562978  | 5569649  | 5243313  | 5458647  | 3.42   | cps   |
| Indium     | 115-1 | 8439396  | 8424323  | 8336575  | 8400098  | 0.66   | cps   |
| Indium     | 115-2 | 1612833  | 1616776  | 1526125  | 1585245  | 3.23   | cps   |
| Iron       | 56-2  | 5418181  | 5439275  | 5456283  | 5437913  | 0.35   | cps   |
| Iron       | 57-2  | 145530   | 145850   | 148258   | 146546   | 1.02   | cps   |
| Lead       | 206-1 | 2561     | 2211     | 2450     | 2408     | 7.43   | cps   |
| Lead       | 207-1 | 2128     | 1911     | 1961     | 2000     | 5.67   | cps   |
| Lead       | 208-1 | 10118    | 8952     | 9085     | 9385     | 6.81   | cps   |
| Lithium    | 6-1   | 1392582  | 1383033  | 1374640  | 1383418  | 0.65   | cps   |
| Magnesium  | 24-2  | 7849743  | 7836987  | 7895861  | 7860864  | 0.39   | cps   |
| Manganese  | 55-2  | 82647619 | 82385280 | 83376684 | 82803194 | 0.62   | cps   |

|                         |                     |                   |                     |
|-------------------------|---------------------|-------------------|---------------------|
| LB Number :             | LB88853             | Operator :        | Jaswal              |
| Lab Sample ID :         | I4255-01            | Instrumnet Name : | P7                  |
| Client Sample ID :      | MH0CC0              | Dilution Factor : | 1                   |
| Date & Time Acquired :: | 2017-07-19 14:03:59 | DataFile Name :   | 027SMPL_P7071917 -M |

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|------------|-------|----------|----------|----------|----------|--------|-------|
| Molybdenum | 94-1  | 11138    | 9662     | 9020     | 9940     | 10.93  | cps   |
| Molybdenum | 95-1  | 6568     | 7386     | 7152     | 7035     | 5.98   | cps   |
| Molybdenum | 96-1  | 3726     | 3451     | 3267     | 3481     | 6.63   | cps   |
| Molybdenum | 97-1  | 975      | 1217     | 1383     | 1192     | 17.23  | cps   |
| Molybdenum | 98-1  | 2659     | 2959     | 2900     | 2839     | 5.60   | cps   |
| Neodymium  | 150-1 | 740      | 753      | 673      | 722      | 5.94   | cps   |
| Neodymium  | 150-2 | 207      | 267      | 267      | 247      | 14.04  | cps   |
| Nickel     | 60-2  | 25843    | 26057    | 27022    | 26307    | 2.39   | cps   |
| Phosphorus | 31-2  | 1092     | 1133     | 925      | 1050     | 10.50  | cps   |
| Potassium  | 39-2  | 1298646  | 1300480  | 1304477  | 1301201  | 0.23   | cps   |
| Rhodium    | 103-1 | 7112610  | 7184445  | 7101640  | 7132898  | 0.63   | cps   |
| Rhodium    | 103-2 | 3292337  | 3304391  | 3099650  | 3232126  | 3.55   | cps   |
| Scandium   | 45-1  | 4474117  | 4468057  | 4440056  | 4460744  | 0.41   | cps   |
| Scandium   | 45-2  | 198064   | 199294   | 187814   | 195057   | 3.23   | cps   |
| Selenium   | 77-2  | 0        | 3        | 7        | 3        | 100.05 | cps   |
| Selenium   | 78-2  | 61       | 56       | 56       | 57       | 5.58   | cps   |
| Selenium   | 82-1  | 119      | 148      | 229      | 165      | 34.36  | cps   |
| Silicon    | 28-1  | 39404723 | 39180162 | 38905024 | 39163303 | 0.64   | cps   |
| Silver     | 109-1 | 1442     | 1725     | 1825     | 1664     | 11.95  | cps   |
| Silver     | 107-1 | 1684     | 1909     | 2217     | 1936     | 13.83  | cps   |
| Sodium     | 23-2  | 5327732  | 5332907  | 5333878  | 5331505  | 0.06   | cps   |
| Strontium  | 86-1  | 1920460  | 1890425  | 1887058  | 1899314  | 0.97   | cps   |
| Strontium  | 88-1  | 16857861 | 16767942 | 16587864 | 16737889 | 0.82   | cps   |
| Sulfur     | 34-1  | 7397370  | 7371215  | 7365056  | 7377880  | 0.23   | cps   |
| Terbium    | 159-1 | 11515439 | 11618624 | 11525088 | 11553051 | 0.49   | cps   |
| Terbium    | 159-2 | 5498482  | 5497253  | 5163684  | 5386473  | 3.58   | cps   |
| Thallium   | 203-1 | 2000     | 1942     | 1475     | 1806     | 15.94  | cps   |
| Thallium   | 205-1 | 4618     | 3742     | 3342     | 3901     | 16.72  | cps   |
| Tin        | 118-1 | 1950     | 1859     | 1767     | 1859     | 4.93   | cps   |
| Titanium   | 47-1  | 4818     | 4543     | 4501     | 4620     | 3.72   | cps   |
| Uranium    | 238-1 | 4384     | 4434     | 4109     | 4309     | 4.06   | cps   |
| Vanadium   | 51-2  | 620      | 610      | 613      | 614      | 0.83   | cps   |
| Yttrium    | 89-1  | 8555814  | 8417990  | 8436658  | 8470154  | 0.88   | cps   |
| Yttrium    | 89-2  | 1210737  | 1210210  | 1132739  | 1184562  | 3.79   | cps   |
| Zinc       | 66-2  | 3002018  | 3007872  | 3049339  | 3019743  | 0.85   | cps   |
| Zirconium  | 90-1  | 27519    | 23662    | 21542    | 24241    | 12.50  | cps   |

|                         |                     |                   |                     |
|-------------------------|---------------------|-------------------|---------------------|
| LB Number :             | LB88853             | Operator :        | Jaswal              |
| Lab Sample ID :         | I4255-01            | Instrumnet Name : | P7                  |
| Client Sample ID :      | MH0CC0              | Dilution Factor : | 1                   |
| Date & Time Acquired :: | 2017-07-19 14:03:59 | DataFile Name :   | 027SMPL_P7071917 -M |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|-----------|------|------|------|------|---------|--------|-------|
| Zirconium | 91-1 | 6343 | 5743 | 4668 | 5585    | 15.20  | cps   |

LB Number : LB88853 Operator : Jaswal  
 Lab Sample ID : I4255-02 Instrumnet Name : P7  
 Client Sample ID : MH0CC1 Dilution Factor : 1  
 Date & Time Acquired :: 2017-07-19 14:07:23 DataFile Name : 028SMPL\_P7071917 -M

| Parameter  | Mass  | CPS1      | CPS2      | CPS3      | CPSMean   | CPSRSD | Units |
|------------|-------|-----------|-----------|-----------|-----------|--------|-------|
| Aluminium  | 27-2  | 1112515   | 1107654   | 1103707   | 1107959   | 0.40   | cps   |
| Antimony   | 121-1 | 8194      | 8578      | 8119      | 8297      | 2.96   | cps   |
| Arsenic    | 75-2  | 59335     | 60332     | 60311     | 59993     | 0.95   | cps   |
| Barium     | 135-1 | 33533     | 34853     | 34811     | 34399     | 2.18   | cps   |
| Barium     | 137-1 | 59855     | 60064     | 60633     | 60184     | 0.67   | cps   |
| Beryllium  | 9-1   | 13290     | 12717     | 12594     | 12867     | 2.88   | cps   |
| Bismuth    | 209-1 | 7446574   | 7447967   | 7268766   | 7387769   | 1.40   | cps   |
| Bismuth    | 209-2 | 4167537   | 4172314   | 4166238   | 4168697   | 0.08   | cps   |
| Boron      | 10-1  | 4359      | 4443      | 4568      | 4456      | 2.35   | cps   |
| Boron      | 11-1  | 23335     | 23444     | 22526     | 23102     | 2.17   | cps   |
| Cadmium    | 111-1 | 1100248   | 1100944   | 1080184   | 1093792   | 1.08   | cps   |
| Cadmium    | 106-1 | 113333    | 113671    | 109864    | 112289    | 1.88   | cps   |
| Cadmium    | 108-1 | 75814     | 75759     | 76095     | 75889     | 0.24   | cps   |
| Calcium    | 43-1  | 5698767   | 5653216   | 5637922   | 5663302   | 0.56   | cps   |
| Calcium    | 44-1  | 92101010  | 91436523  | 90522690  | 91353408  | 0.87   | cps   |
| Chromium   | 52-2  | 4064      | 3957      | 3667      | 3896      | 5.27   | cps   |
| Cobalt     | 59-2  | 2487644   | 2499205   | 2493857   | 2493569   | 0.23   | cps   |
| Copper     | 63-2  | 10949605  | 10903024  | 10880465  | 10911032  | 0.32   | cps   |
| Dysprosium | 156-1 | 1265810   | 1248587   | 1266355   | 1260250   | 0.80   | cps   |
| Dysprosium | 156-2 | 595321    | 599564    | 598899    | 597928    | 0.38   | cps   |
| Erbium     | 164-1 | 1236066   | 1224947   | 1214711   | 1225241   | 0.87   | cps   |
| Erbium     | 164-2 | 571949    | 572033    | 572306    | 572096    | 0.03   | cps   |
| Gadolinium | 160-1 | 1351244   | 1319674   | 1318965   | 1329961   | 1.39   | cps   |
| Gadolinium | 160-2 | 693339    | 689562    | 689354    | 690752    | 0.32   | cps   |
| Holmium    | 165-1 | 12254392  | 12252454  | 12086846  | 12197897  | 0.79   | cps   |
| Holmium    | 165-2 | 5902221   | 5905449   | 5890928   | 5899533   | 0.13   | cps   |
| Indium     | 115-1 | 8484468   | 8505171   | 8326537   | 8438726   | 1.16   | cps   |
| Indium     | 115-2 | 1595587   | 1589706   | 1588690   | 1591328   | 0.23   | cps   |
| Iron       | 56-2  | 50315797  | 50676822  | 50373444  | 50455354  | 0.38   | cps   |
| Iron       | 57-2  | 1257462   | 1258542   | 1250522   | 1255509   | 0.35   | cps   |
| Lead       | 206-1 | 259638    | 256025    | 254547    | 256737    | 1.02   | cps   |
| Lead       | 207-1 | 225402    | 225520    | 221737    | 224219    | 0.96   | cps   |
| Lead       | 208-1 | 1037748   | 1035769   | 1020594   | 1031371   | 0.91   | cps   |
| Lithium    | 6-1   | 1352292   | 1335903   | 1319734   | 1335977   | 1.22   | cps   |
| Magnesium  | 24-2  | 15077118  | 14906300  | 14869418  | 14950945  | 0.74   | cps   |
| Manganese  | 55-2  | 165209324 | 163587931 | 162975751 | 163924335 | 0.70   | cps   |



|                         |                     |                   |                     |
|-------------------------|---------------------|-------------------|---------------------|
| LB Number :             | LB88853             | Operator :        | Jaswal              |
| Lab Sample ID :         | I4255-02            | Instrumnet Name : | P7                  |
| Client Sample ID :      | MH0CC1              | Dilution Factor : | 1                   |
| Date & Time Acquired :: | 2017-07-19 14:07:23 | DataFile Name :   | 028SMPL_P7071917 -M |

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|------------|-------|----------|----------|----------|----------|--------|-------|
| Molybdenum | 94-1  | 2617     | 2709     | 2575     | 2634     | 2.59   | cps   |
| Molybdenum | 95-1  | 11038    | 10996    | 10930    | 10988    | 0.50   | cps   |
| Molybdenum | 96-1  | 1709     | 1483     | 1692     | 1628     | 7.70   | cps   |
| Molybdenum | 97-1  | 208      | 225      | 267      | 233      | 12.88  | cps   |
| Molybdenum | 98-1  | 550      | 700      | 792      | 681      | 17.93  | cps   |
| Neodymium  | 150-1 | 1646712  | 1641615  | 1637311  | 1641879  | 0.29   | cps   |
| Neodymium  | 150-2 | 615687   | 614538   | 610299   | 613508   | 0.46   | cps   |
| Nickel     | 60-2  | 226553   | 227119   | 224889   | 226187   | 0.51   | cps   |
| Phosphorus | 31-2  | 175      | 175      | 108      | 153      | 25.19  | cps   |
| Potassium  | 39-2  | 1528015  | 1517949  | 1498965  | 1514976  | 0.97   | cps   |
| Rhodium    | 103-1 | 7211787  | 7097395  | 7133520  | 7147568  | 0.82   | cps   |
| Rhodium    | 103-2 | 3235797  | 3218477  | 3218107  | 3224127  | 0.31   | cps   |
| Scandium   | 45-1  | 4537196  | 4482714  | 4447486  | 4489132  | 1.01   | cps   |
| Scandium   | 45-2  | 193772   | 193765   | 191898   | 193145   | 0.56   | cps   |
| Selenium   | 77-2  | 1903     | 1927     | 2067     | 1966     | 4.49   | cps   |
| Selenium   | 78-2  | 1191     | 1189     | 1176     | 1185     | 0.68   | cps   |
| Selenium   | 82-1  | 1398     | 1404     | 1643     | 1482     | 9.42   | cps   |
| Silicon    | 28-1  | 32449081 | 32280454 | 31813039 | 32180858 | 1.02   | cps   |
| Silver     | 109-1 | 3359     | 3709     | 4042     | 3703     | 9.23   | cps   |
| Silver     | 107-1 | 4393     | 5076     | 5510     | 4993     | 11.28  | cps   |
| Sodium     | 23-2  | 9400688  | 9310989  | 9316476  | 9342718  | 0.54   | cps   |
| Strontium  | 86-1  | 2586131  | 2603814  | 2567196  | 2585714  | 0.71   | cps   |
| Strontium  | 88-1  | 22578075 | 22783870 | 22502061 | 22621335 | 0.64   | cps   |
| Sulfur     | 34-1  | 15163937 | 15037571 | 15101273 | 15100927 | 0.42   | cps   |
| Terbium    | 159-1 | 12642464 | 12431585 | 12485603 | 12519884 | 0.87   | cps   |
| Terbium    | 159-2 | 5786478  | 5808624  | 5808568  | 5801223  | 0.22   | cps   |
| Thallium   | 203-1 | 3084     | 2809     | 2750     | 2881     | 6.18   | cps   |
| Thallium   | 205-1 | 7086     | 6819     | 6819     | 6908     | 2.23   | cps   |
| Tin        | 118-1 | 1283     | 1317     | 1467     | 1356     | 7.21   | cps   |
| Titanium   | 47-1  | 1133     | 800      | 817      | 917      | 20.49  | cps   |
| Uranium    | 238-1 | 3201154  | 3256957  | 3155614  | 3204575  | 1.58   | cps   |
| Vanadium   | 51-2  | 247      | 237      | 227      | 237      | 4.23   | cps   |
| Yttrium    | 89-1  | 26523122 | 26578024 | 25932786 | 26344644 | 1.36   | cps   |
| Yttrium    | 89-2  | 3760955  | 3744805  | 3720968  | 3742243  | 0.54   | cps   |
| Zinc       | 66-2  | 36151929 | 35935414 | 35970600 | 36019315 | 0.32   | cps   |
| Zirconium  | 90-1  | 6660     | 7531     | 6068     | 6753     | 10.89  | cps   |

|                         |                     |                   |                     |
|-------------------------|---------------------|-------------------|---------------------|
| LB Number :             | LB88853             | Operator :        | Jaswal              |
| Lab Sample ID :         | I4255-02            | Instrumnet Name : | P7                  |
| Client Sample ID :      | MH0CC1              | Dilution Factor : | 1                   |
| Date & Time Acquired :: | 2017-07-19 14:07:23 | DataFile Name :   | 028SMPL_P7071917 -M |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|-----------|------|------|------|------|---------|--------|-------|
| Zirconium | 91-1 | 1767 | 1717 | 1558 | 1681    | 6.47   | cps   |

LB Number : LB88853 Operator : Jaswal  
 Lab Sample ID : I4255-03 Instrumnet Name : P7  
 Client Sample ID : MH0CC4 Dilution Factor : 1  
 Date & Time Acquired :: 2017-07-19 14:10:47 DataFile Name : 029SMPL\_P7071917 -M

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|------------|-------|----------|----------|----------|----------|--------|-------|
| Aluminium  | 27-2  | 2620475  | 2619124  | 2654144  | 2631248  | 0.75   | cps   |
| Antimony   | 121-1 | 36156    | 37275    | 36231    | 36554    | 1.71   | cps   |
| Arsenic    | 75-2  | 182595   | 183139   | 183570   | 183101   | 0.27   | cps   |
| Barium     | 135-1 | 39833    | 39465    | 40067    | 39788    | 0.76   | cps   |
| Barium     | 137-1 | 68989    | 68754    | 69482    | 69075    | 0.54   | cps   |
| Beryllium  | 9-1   | 15436    | 15347    | 15547    | 15443    | 0.65   | cps   |
| Bismuth    | 209-1 | 7567996  | 7514149  | 7502633  | 7528259  | 0.46   | cps   |
| Bismuth    | 209-2 | 4284757  | 4283465  | 4273263  | 4280495  | 0.15   | cps   |
| Boron      | 10-1  | 2275     | 2067     | 1967     | 2103     | 7.48   | cps   |
| Boron      | 11-1  | 10746    | 10429    | 10804    | 10660    | 1.89   | cps   |
| Cadmium    | 111-1 | 502551   | 498228   | 494740   | 498506   | 0.78   | cps   |
| Cadmium    | 106-1 | 55535    | 55343    | 53953    | 54944    | 1.57   | cps   |
| Cadmium    | 108-1 | 33523    | 33335    | 33811    | 33557    | 0.71   | cps   |
| Calcium    | 43-1  | 2534620  | 2505200  | 2486879  | 2508900  | 0.96   | cps   |
| Calcium    | 44-1  | 40668374 | 40599283 | 40309382 | 40525680 | 0.47   | cps   |
| Chromium   | 52-2  | 10657    | 10978    | 10564    | 10733    | 2.02   | cps   |
| Cobalt     | 59-2  | 467498   | 467026   | 470665   | 468396   | 0.42   | cps   |
| Copper     | 63-2  | 4378253  | 4392674  | 4403785  | 4391571  | 0.29   | cps   |
| Dysprosium | 156-1 | 1266874  | 1263831  | 1264799  | 1265168  | 0.12   | cps   |
| Dysprosium | 156-2 | 616820   | 620930   | 623046   | 620265   | 0.51   | cps   |
| Erbium     | 164-1 | 1206201  | 1194281  | 1203042  | 1201175  | 0.51   | cps   |
| Erbium     | 164-2 | 556212   | 562048   | 559642   | 559301   | 0.52   | cps   |
| Gadolinium | 160-1 | 1410224  | 1405228  | 1391582  | 1402345  | 0.69   | cps   |
| Gadolinium | 160-2 | 721622   | 726591   | 732447   | 726887   | 0.75   | cps   |
| Holmium    | 165-1 | 12189980 | 12257372 | 12233900 | 12227084 | 0.28   | cps   |
| Holmium    | 165-2 | 5896168  | 5911900  | 5967865  | 5925311  | 0.64   | cps   |
| Indium     | 115-1 | 8494131  | 8516448  | 8534478  | 8515019  | 0.24   | cps   |
| Indium     | 115-2 | 1608360  | 1615570  | 1609727  | 1611219  | 0.24   | cps   |
| Iron       | 56-2  | 15125608 | 15036529 | 15160483 | 15107540 | 0.42   | cps   |
| Iron       | 57-2  | 380864   | 381251   | 381191   | 381102   | 0.05   | cps   |
| Lead       | 206-1 | 1074098  | 1057817  | 1051995  | 1061303  | 1.08   | cps   |
| Lead       | 207-1 | 935106   | 924043   | 915274   | 924808   | 1.07   | cps   |
| Lead       | 208-1 | 4313954  | 4254626  | 4237642  | 4268741  | 0.94   | cps   |
| Lithium    | 6-1   | 1333616  | 1328286  | 1313377  | 1325093  | 0.79   | cps   |
| Magnesium  | 24-2  | 7187698  | 7120437  | 7257956  | 7188697  | 0.96   | cps   |
| Manganese  | 55-2  | 80157739 | 80353480 | 80821957 | 80444392 | 0.42   | cps   |

|                         |                     |                   |                     |
|-------------------------|---------------------|-------------------|---------------------|
| LB Number :             | LB88853             | Operator :        | Jaswal              |
| Lab Sample ID :         | I4255-03            | Instrumnet Name : | P7                  |
| Client Sample ID :      | MH0CC4              | Dilution Factor : | 1                   |
| Date & Time Acquired :: | 2017-07-19 14:10:47 | DataFile Name :   | 029SMPL_P7071917 -M |

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|------------|-------|----------|----------|----------|----------|--------|-------|
| Molybdenum | 94-1  | 6552     | 6585     | 6719     | 6618     | 1.33   | cps   |
| Molybdenum | 95-1  | 5860     | 5343     | 5751     | 5651     | 4.82   | cps   |
| Molybdenum | 96-1  | 1800     | 1834     | 1950     | 1861     | 4.23   | cps   |
| Molybdenum | 97-1  | 142      | 283      | 258      | 228      | 33.20  | cps   |
| Molybdenum | 98-1  | 625      | 567      | 633      | 608      | 5.97   | cps   |
| Neodymium  | 150-1 | 1863580  | 1837467  | 1826739  | 1842595  | 1.03   | cps   |
| Neodymium  | 150-2 | 685168   | 688559   | 692366   | 688698   | 0.52   | cps   |
| Nickel     | 60-2  | 83617    | 82621    | 83322    | 83186    | 0.61   | cps   |
| Phosphorus | 31-2  | 367      | 342      | 342      | 350      | 4.13   | cps   |
| Potassium  | 39-2  | 832362   | 837296   | 848211   | 839289   | 0.97   | cps   |
| Rhodium    | 103-1 | 7280159  | 7219241  | 7204817  | 7234739  | 0.55   | cps   |
| Rhodium    | 103-2 | 3274641  | 3297732  | 3301382  | 3291251  | 0.44   | cps   |
| Scandium   | 45-1  | 4582809  | 4551081  | 4541646  | 4558512  | 0.47   | cps   |
| Scandium   | 45-2  | 197601   | 197524   | 199519   | 198215   | 0.57   | cps   |
| Selenium   | 77-2  | 2210     | 2247     | 2060     | 2172     | 4.55   | cps   |
| Selenium   | 78-2  | 1243     | 1276     | 1248     | 1256     | 1.42   | cps   |
| Selenium   | 82-1  | 1296     | 1258     | 1464     | 1339     | 8.20   | cps   |
| Silicon    | 28-1  | 41505560 | 41284064 | 40955469 | 41248364 | 0.67   | cps   |
| Silver     | 109-1 | 7002     | 7185     | 8119     | 7436     | 8.06   | cps   |
| Silver     | 107-1 | 7894     | 9020     | 8244     | 8386     | 6.87   | cps   |
| Sodium     | 23-2  | 4138539  | 4101916  | 4117350  | 4119268  | 0.45   | cps   |
| Strontium  | 86-1  | 960243   | 958134   | 950287   | 956221   | 0.55   | cps   |
| Strontium  | 88-1  | 8409499  | 8377486  | 8388946  | 8391977  | 0.19   | cps   |
| Sulfur     | 34-1  | 8662944  | 8654506  | 8589369  | 8635607  | 0.47   | cps   |
| Terbium    | 159-1 | 12689469 | 12597278 | 12489837 | 12592195 | 0.79   | cps   |
| Terbium    | 159-2 | 5819592  | 5860331  | 5921870  | 5867264  | 0.88   | cps   |
| Thallium   | 203-1 | 1058     | 1000     | 1400     | 1153     | 18.75  | cps   |
| Thallium   | 205-1 | 2750     | 2709     | 2650     | 2703     | 1.86   | cps   |
| Tin        | 118-1 | 958      | 1017     | 1000     | 992      | 3.03   | cps   |
| Titanium   | 47-1  | 1350     | 1275     | 1350     | 1325     | 3.27   | cps   |
| Uranium    | 238-1 | 3156035  | 3162504  | 3137026  | 3151855  | 0.42   | cps   |
| Vanadium   | 51-2  | 153      | 130      | 120      | 134      | 12.73  | cps   |
| Yttrium    | 89-1  | 24997381 | 24698049 | 24759708 | 24818379 | 0.64   | cps   |
| Yttrium    | 89-2  | 3508203  | 3538023  | 3545327  | 3530518  | 0.56   | cps   |
| Zinc       | 66-2  | 12013849 | 11991163 | 12074083 | 12026365 | 0.36   | cps   |
| Zirconium  | 90-1  | 16952    | 17728    | 17762    | 17481    | 2.62   | cps   |

|                         |                     |                   |                     |
|-------------------------|---------------------|-------------------|---------------------|
| LB Number :             | LB88853             | Operator :        | Jaswal              |
| Lab Sample ID :         | I4255-03            | Instrumnet Name : | P7                  |
| Client Sample ID :      | MH0CC4              | Dilution Factor : | 1                   |
| Date & Time Acquired :: | 2017-07-19 14:10:47 | DataFile Name :   | 029SMPL_P7071917 -M |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|-----------|------|------|------|------|---------|--------|-------|
| Zirconium | 91-1 | 4676 | 4326 | 3917 | 4306    | 8.82   | cps   |

|                         |                     |                   |                     |
|-------------------------|---------------------|-------------------|---------------------|
| LB Number :             | LB88853             | Operator :        | Jaswal              |
| Lab Sample ID :         | I4255-04            | Instrumnet Name : | P7                  |
| Client Sample ID :      | MH0CC4D             | Dilution Factor : | 1                   |
| Date & Time Acquired :: | 2017-07-19 14:14:11 | DataFile Name :   | 030SMPL_P7071917 -M |

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|------------|-------|----------|----------|----------|----------|--------|-------|
| Aluminium  | 27-2  | 2591442  | 2585525  | 2589760  | 2588909  | 0.12   | cps   |
| Antimony   | 121-1 | 35839    | 35429    | 36415    | 35894    | 1.38   | cps   |
| Arsenic    | 75-2  | 182678   | 181122   | 181656   | 181818   | 0.43   | cps   |
| Barium     | 135-1 | 38872    | 39315    | 38463    | 38883    | 1.10   | cps   |
| Barium     | 137-1 | 68947    | 68009    | 67154    | 68037    | 1.32   | cps   |
| Beryllium  | 9-1   | 15052    | 14958    | 15558    | 15189    | 2.13   | cps   |
| Bismuth    | 209-1 | 7419917  | 6870444  | 7362432  | 7217598  | 4.18   | cps   |
| Bismuth    | 209-2 | 4235374  | 4210087  | 4192349  | 4212603  | 0.51   | cps   |
| Boron      | 10-1  | 1725     | 1934     | 1917     | 1859     | 6.23   | cps   |
| Boron      | 11-1  | 10329    | 9879     | 9720     | 9976     | 3.17   | cps   |
| Cadmium    | 111-1 | 490260   | 493615   | 487686   | 490520   | 0.61   | cps   |
| Cadmium    | 106-1 | 53953    | 53192    | 52540    | 53228    | 1.33   | cps   |
| Cadmium    | 108-1 | 34567    | 33661    | 33390    | 33873    | 1.82   | cps   |
| Calcium    | 43-1  | 2526780  | 2503351  | 2487755  | 2505962  | 0.78   | cps   |
| Calcium    | 44-1  | 40504374 | 40618894 | 40060884 | 40394717 | 0.73   | cps   |
| Chromium   | 52-2  | 11038    | 10978    | 10851    | 10955    | 0.87   | cps   |
| Cobalt     | 59-2  | 466190   | 464736   | 464765   | 465230   | 0.18   | cps   |
| Copper     | 63-2  | 4340759  | 4371433  | 4363364  | 4358518  | 0.36   | cps   |
| Dysprosium | 156-1 | 1256965  | 1266302  | 1232001  | 1251756  | 1.42   | cps   |
| Dysprosium | 156-2 | 617759   | 617040   | 610097   | 614965   | 0.69   | cps   |
| Erbium     | 164-1 | 1200032  | 1200948  | 1170300  | 1190427  | 1.46   | cps   |
| Erbium     | 164-2 | 556526   | 554714   | 552376   | 554539   | 0.38   | cps   |
| Gadolinium | 160-1 | 1409636  | 1410532  | 1369288  | 1396485  | 1.69   | cps   |
| Gadolinium | 160-2 | 719234   | 721669   | 716441   | 719114   | 0.36   | cps   |
| Holmium    | 165-1 | 12194618 | 11402570 | 11856502 | 11817897 | 3.36   | cps   |
| Holmium    | 165-2 | 5873302  | 5847417  | 5816587  | 5845769  | 0.49   | cps   |
| Indium     | 115-1 | 8559361  | 7952310  | 8320368  | 8277346  | 3.69   | cps   |
| Indium     | 115-2 | 1585021  | 1588960  | 1586888  | 1586957  | 0.12   | cps   |
| Iron       | 56-2  | 15034774 | 14966647 | 14904127 | 14968516 | 0.44   | cps   |
| Iron       | 57-2  | 376920   | 378110   | 376351   | 377127   | 0.24   | cps   |
| Lead       | 206-1 | 1055955  | 1058803  | 1047799  | 1054186  | 0.54   | cps   |
| Lead       | 207-1 | 921353   | 921230   | 911433   | 918006   | 0.62   | cps   |
| Lead       | 208-1 | 4245539  | 4244509  | 4210474  | 4233507  | 0.47   | cps   |
| Lithium    | 6-1   | 1322370  | 1263633  | 1304554  | 1296852  | 2.32   | cps   |
| Magnesium  | 24-2  | 7111598  | 7097152  | 7069079  | 7092610  | 0.30   | cps   |
| Manganese  | 55-2  | 79955992 | 79765845 | 79740709 | 79820849 | 0.15   | cps   |

|                         |                     |                   |                     |
|-------------------------|---------------------|-------------------|---------------------|
| LB Number :             | LB88853             | Operator :        | Jaswal              |
| Lab Sample ID :         | I4255-04            | Instrumnet Name : | P7                  |
| Client Sample ID :      | MH0CC4D             | Dilution Factor : | 1                   |
| Date & Time Acquired :: | 2017-07-19 14:14:11 | DataFile Name :   | 030SMPL_P7071917 -M |

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|------------|-------|----------|----------|----------|----------|--------|-------|
| Molybdenum | 94-1  | 6777     | 6335     | 6352     | 6488     | 3.86   | cps   |
| Molybdenum | 95-1  | 6127     | 6160     | 5743     | 6010     | 3.85   | cps   |
| Molybdenum | 96-1  | 1642     | 1759     | 1675     | 1692     | 3.55   | cps   |
| Molybdenum | 97-1  | 208      | 200      | 258      | 222      | 14.20  | cps   |
| Molybdenum | 98-1  | 433      | 492      | 417      | 447      | 8.81   | cps   |
| Neodymium  | 150-1 | 1851299  | 1841453  | 1815701  | 1836151  | 1.00   | cps   |
| Neodymium  | 150-2 | 680138   | 675199   | 676319   | 677219   | 0.38   | cps   |
| Nickel     | 60-2  | 82246    | 82839    | 83070    | 82718    | 0.51   | cps   |
| Phosphorus | 31-2  | 358      | 308      | 250      | 306      | 17.75  | cps   |
| Potassium  | 39-2  | 830504   | 831876   | 828096   | 830159   | 0.23   | cps   |
| Rhodium    | 103-1 | 7233507  | 6796715  | 7126976  | 7052399  | 3.23   | cps   |
| Rhodium    | 103-2 | 3257080  | 3265878  | 3256046  | 3259668  | 0.17   | cps   |
| Scandium   | 45-1  | 4593184  | 4181769  | 4401522  | 4392159  | 4.69   | cps   |
| Scandium   | 45-2  | 196345   | 195474   | 196747   | 196188   | 0.33   | cps   |
| Selenium   | 77-2  | 2154     | 2330     | 2250     | 2245     | 3.94   | cps   |
| Selenium   | 78-2  | 1213     | 1245     | 1282     | 1246     | 2.75   | cps   |
| Selenium   | 82-1  | 1305     | 1253     | 1226     | 1261     | 3.19   | cps   |
| Silicon    | 28-1  | 41098330 | 41068968 | 40867905 | 41011734 | 0.31   | cps   |
| Silver     | 109-1 | 6944     | 6794     | 7419     | 7052     | 4.63   | cps   |
| Silver     | 107-1 | 7277     | 7978     | 8428     | 7894     | 7.35   | cps   |
| Sodium     | 23-2  | 4069222  | 4093179  | 4046060  | 4069487  | 0.58   | cps   |
| Strontium  | 86-1  | 959278   | 961890   | 946678   | 955949   | 0.85   | cps   |
| Strontium  | 88-1  | 8479709  | 8450183  | 8357510  | 8429134  | 0.76   | cps   |
| Sulfur     | 34-1  | 8596706  | 8598698  | 8552227  | 8582544  | 0.31   | cps   |
| Terbium    | 159-1 | 12594720 | 11784394 | 12280447 | 12219854 | 3.34   | cps   |
| Terbium    | 159-2 | 5779668  | 5788346  | 5775180  | 5781065  | 0.12   | cps   |
| Thallium   | 203-1 | 1083     | 1250     | 1158     | 1164     | 7.17   | cps   |
| Thallium   | 205-1 | 2817     | 2775     | 2742     | 2778     | 1.35   | cps   |
| Tin        | 118-1 | 1033     | 1050     | 967      | 1017     | 4.34   | cps   |
| Titanium   | 47-1  | 1325     | 1333     | 1208     | 1289     | 5.42   | cps   |
| Uranium    | 238-1 | 3106850  | 3109838  | 3087302  | 3101330  | 0.39   | cps   |
| Vanadium   | 51-2  | 163      | 150      | 147      | 153      | 5.75   | cps   |
| Yttrium    | 89-1  | 24875965 | 24214142 | 24477010 | 24522372 | 1.36   | cps   |
| Yttrium    | 89-2  | 3507045  | 3498231  | 3499405  | 3501560  | 0.14   | cps   |
| Zinc       | 66-2  | 11912914 | 11868911 | 11820300 | 11867375 | 0.39   | cps   |
| Zirconium  | 90-1  | 17052    | 17411    | 18221    | 17561    | 3.41   | cps   |

|                         |                     |                   |                     |
|-------------------------|---------------------|-------------------|---------------------|
| LB Number :             | LB88853             | Operator :        | Jaswal              |
| Lab Sample ID :         | I4255-04            | Instrumnet Name : | P7                  |
| Client Sample ID :      | MH0CC4D             | Dilution Factor : | 1                   |
| Date & Time Acquired :: | 2017-07-19 14:14:11 | DataFile Name :   | 030SMPL_P7071917 -M |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|-----------|------|------|------|------|---------|--------|-------|
| Zirconium | 91-1 | 4126 | 4459 | 4101 | 4229    | 4.73   | cps   |



|                         |                     |                   |                     |
|-------------------------|---------------------|-------------------|---------------------|
| LB Number :             | LB88853             | Operator :        | Jaswal              |
| Lab Sample ID :         | I4255-03LX5         | Instrumnet Name : | P7                  |
| Client Sample ID :      | MH0CC4L             | Dilution Factor : | 5                   |
| Date & Time Acquired :: | 2017-07-19 14:17:35 | DataFile Name :   | 031SMPL_P7071917 -M |

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|------------|-------|----------|----------|----------|----------|--------|-------|
| Aluminium  | 27-2  | 508366   | 510994   | 510374   | 509911   | 0.27   | cps   |
| Antimony   | 121-1 | 7102     | 6977     | 7369     | 7149     | 2.80   | cps   |
| Arsenic    | 75-2  | 34708    | 34641    | 35040    | 34796    | 0.61   | cps   |
| Barium     | 135-1 | 7311     | 7461     | 7177     | 7316     | 1.94   | cps   |
| Barium     | 137-1 | 12456    | 12940    | 12748    | 12715    | 1.92   | cps   |
| Beryllium  | 9-1   | 3317     | 3284     | 2895     | 3165     | 7.42   | cps   |
| Bismuth    | 209-1 | 7211513  | 7116660  | 7218859  | 7182344  | 0.79   | cps   |
| Bismuth    | 209-2 | 4107994  | 4241488  | 4131940  | 4160474  | 1.71   | cps   |
| Boron      | 10-1  | 783      | 817      | 633      | 744      | 13.12  | cps   |
| Boron      | 11-1  | 3934     | 3601     | 3684     | 3740     | 4.64   | cps   |
| Cadmium    | 111-1 | 96844    | 97705    | 95425    | 96658    | 1.19   | cps   |
| Cadmium    | 106-1 | 13073    | 12740    | 12139    | 12651    | 3.74   | cps   |
| Cadmium    | 108-1 | 6693     | 6076     | 6372     | 6381     | 4.84   | cps   |
| Calcium    | 43-1  | 473545   | 471949   | 476177   | 473891   | 0.45   | cps   |
| Calcium    | 44-1  | 7767737  | 7728191  | 7714401  | 7736777  | 0.36   | cps   |
| Chromium   | 52-2  | 2397     | 2394     | 2484     | 2425     | 2.10   | cps   |
| Cobalt     | 59-2  | 91399    | 91922    | 93126    | 92149    | 0.96   | cps   |
| Copper     | 63-2  | 858702   | 863464   | 867072   | 863080   | 0.49   | cps   |
| Dysprosium | 156-1 | 233181   | 232288   | 234067   | 233179   | 0.38   | cps   |
| Dysprosium | 156-2 | 116101   | 116969   | 116952   | 116674   | 0.43   | cps   |
| Erbium     | 164-1 | 222226   | 222396   | 220388   | 221670   | 0.50   | cps   |
| Erbium     | 164-2 | 105744   | 106152   | 106319   | 106072   | 0.28   | cps   |
| Gadolinium | 160-1 | 260945   | 257465   | 259289   | 259233   | 0.67   | cps   |
| Gadolinium | 160-2 | 136306   | 137246   | 138477   | 137343   | 0.79   | cps   |
| Holmium    | 165-1 | 10863621 | 10951226 | 10935462 | 10916769 | 0.43   | cps   |
| Holmium    | 165-2 | 5314023  | 5420009  | 5366946  | 5366993  | 0.99   | cps   |
| Indium     | 115-1 | 8056100  | 8115180  | 8094315  | 8088532  | 0.37   | cps   |
| Indium     | 115-2 | 1551758  | 1580905  | 1562749  | 1565137  | 0.94   | cps   |
| Iron       | 56-2  | 2955671  | 2980050  | 2972058  | 2969260  | 0.42   | cps   |
| Iron       | 57-2  | 75036    | 74432    | 75114    | 74861    | 0.50   | cps   |
| Lead       | 206-1 | 201694   | 198436   | 201914   | 200681   | 0.97   | cps   |
| Lead       | 207-1 | 173488   | 175610   | 175108   | 174736   | 0.63   | cps   |
| Lead       | 208-1 | 807546   | 805291   | 807667   | 806835   | 0.17   | cps   |
| Lithium    | 6-1   | 1233651  | 1234637  | 1235730  | 1234673  | 0.08   | cps   |
| Magnesium  | 24-2  | 1403853  | 1404145  | 1404078  | 1404025  | 0.01   | cps   |
| Manganese  | 55-2  | 15740027 | 15734039 | 15694138 | 15722735 | 0.16   | cps   |

|                         |                     |                   |                     |
|-------------------------|---------------------|-------------------|---------------------|
| LB Number :             | LB88853             | Operator :        | Jaswal              |
| Lab Sample ID :         | I4255-03LX5         | Instrumnet Name : | P7                  |
| Client Sample ID :      | MH0CC4L             | Dilution Factor : | 5                   |
| Date & Time Acquired :: | 2017-07-19 14:17:35 | DataFile Name :   | 031SMPL_P7071917 -M |

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|------------|-------|----------|----------|----------|----------|--------|-------|
| Molybdenum | 94-1  | 1500     | 1317     | 1533     | 1450     | 8.05   | cps   |
| Molybdenum | 95-1  | 1233     | 1092     | 1158     | 1161     | 6.10   | cps   |
| Molybdenum | 96-1  | 450      | 475      | 450      | 458      | 3.15   | cps   |
| Molybdenum | 97-1  | 67       | 100      | 133      | 100      | 33.33  | cps   |
| Molybdenum | 98-1  | 258      | 142      | 300      | 233      | 35.18  | cps   |
| Neodymium  | 150-1 | 345151   | 346951   | 347126   | 346409   | 0.32   | cps   |
| Neodymium  | 150-2 | 130603   | 130987   | 131586   | 131059   | 0.38   | cps   |
| Nickel     | 60-2  | 16766    | 16663    | 16987    | 16805    | 0.98   | cps   |
| Phosphorus | 31-2  | 133      | 217      | 158      | 169      | 25.24  | cps   |
| Potassium  | 39-2  | 184594   | 187165   | 188516   | 186758   | 1.07   | cps   |
| Rhodium    | 103-1 | 7118017  | 7081630  | 7064374  | 7088007  | 0.39   | cps   |
| Rhodium    | 103-2 | 3246252  | 3307757  | 3262022  | 3272010  | 0.98   | cps   |
| Scandium   | 45-1  | 4251885  | 4229631  | 4247205  | 4242907  | 0.28   | cps   |
| Scandium   | 45-2  | 189099   | 193446   | 190296   | 190947   | 1.18   | cps   |
| Selenium   | 77-2  | 467      | 463      | 447      | 459      | 2.34   | cps   |
| Selenium   | 78-2  | 333      | 278      | 306      | 306      | 9.09   | cps   |
| Selenium   | 82-1  | 225      | 259      | 136      | 206      | 30.86  | cps   |
| Silicon    | 28-1  | 8118701  | 8109764  | 8110530  | 8112999  | 0.06   | cps   |
| Silver     | 109-1 | 2267     | 1967     | 2167     | 2134     | 7.16   | cps   |
| Silver     | 107-1 | 2067     | 2559     | 2367     | 2331     | 10.63  | cps   |
| Sodium     | 23-2  | 797711   | 798151   | 799425   | 798429   | 0.11   | cps   |
| Strontium  | 86-1  | 179981   | 179517   | 181819   | 180439   | 0.67   | cps   |
| Strontium  | 88-1  | 1592678  | 1580987  | 1583032  | 1585566  | 0.39   | cps   |
| Sulfur     | 34-1  | 2064944  | 2056540  | 2044992  | 2055492  | 0.49   | cps   |
| Terbium    | 159-1 | 11142099 | 11102007 | 11196172 | 11146760 | 0.42   | cps   |
| Terbium    | 159-2 | 5270599  | 5383151  | 5279607  | 5311119  | 1.18   | cps   |
| Thallium   | 203-1 | 208      | 292      | 292      | 264      | 18.23  | cps   |
| Thallium   | 205-1 | 750      | 650      | 742      | 714      | 7.77   | cps   |
| Tin        | 118-1 | 1058     | 1233     | 1125     | 1139     | 7.76   | cps   |
| Titanium   | 47-1  | 350      | 383      | 425      | 386      | 9.73   | cps   |
| Uranium    | 238-1 | 569203   | 567731   | 572317   | 569750   | 0.41   | cps   |
| Vanadium   | 51-2  | 53       | 50       | 37       | 47       | 18.89  | cps   |
| Yttrium    | 89-1  | 11067162 | 11009579 | 11091128 | 11055957 | 0.38   | cps   |
| Yttrium    | 89-2  | 1594028  | 1619609  | 1604184  | 1605940  | 0.80   | cps   |
| Zinc       | 66-2  | 2363321  | 2363457  | 2359384  | 2362054  | 0.10   | cps   |
| Zirconium  | 90-1  | 4009     | 4092     | 4276     | 4126     | 3.31   | cps   |

|                         |                     |                   |                     |
|-------------------------|---------------------|-------------------|---------------------|
| LB Number :             | LB88853             | Operator :        | Jaswal              |
| Lab Sample ID :         | I4255-03LX5         | Instrumnet Name : | P7                  |
| Client Sample ID :      | MH0CC4L             | Dilution Factor : | 5                   |
| Date & Time Acquired :: | 2017-07-19 14:17:35 | DataFile Name :   | 031SMPL_P7071917 -M |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|-----------|------|------|------|------|---------|--------|-------|
| Zirconium | 91-1 | 917  | 883  | 1083 | 961     | 11.15  | cps   |

LB Number : LB88853 Operator : Jaswal  
 Lab Sample ID : I4255-05 Instrumnet Name : P7  
 Client Sample ID : MH0CC4S Dilution Factor : 1  
 Date & Time Acquired :: 2017-07-19 14:21:02 DataFile Name : 032SMPL\_P7071917 -M

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|------------|-------|----------|----------|----------|----------|--------|-------|
| Aluminium  | 27-2  | 2691037  | 2674755  | 2674347  | 2680046  | 0.36   | cps   |
| Antimony   | 121-1 | 963467   | 956238   | 962252   | 960652   | 0.40   | cps   |
| Arsenic    | 75-2  | 190943   | 189347   | 188452   | 189581   | 0.67   | cps   |
| Barium     | 135-1 | 4820667  | 4825211  | 4827892  | 4824590  | 0.08   | cps   |
| Barium     | 137-1 | 8371856  | 8343298  | 8326584  | 8347246  | 0.27   | cps   |
| Beryllium  | 9-1   | 71523    | 69760    | 69743    | 70342    | 1.45   | cps   |
| Bismuth    | 209-1 | 7289900  | 7176774  | 7135058  | 7200577  | 1.11   | cps   |
| Bismuth    | 209-2 | 4095417  | 4115558  | 4111409  | 4107461  | 0.26   | cps   |
| Boron      | 10-1  | 1659     | 1792     | 1800     | 1750     | 4.54   | cps   |
| Boron      | 11-1  | 8361     | 8286     | 8519     | 8389     | 1.42   | cps   |
| Cadmium    | 111-1 | 603080   | 593144   | 585998   | 594074   | 1.44   | cps   |
| Cadmium    | 106-1 | 63083    | 61718    | 60488    | 61763    | 2.10   | cps   |
| Cadmium    | 108-1 | 40144    | 39087    | 39848    | 39693    | 1.37   | cps   |
| Calcium    | 43-1  | 2494231  | 2457144  | 2431120  | 2460832  | 1.29   | cps   |
| Calcium    | 44-1  | 40166084 | 39629089 | 39354928 | 39716701 | 1.04   | cps   |
| Chromium   | 52-2  | 447209   | 447497   | 443490   | 446065   | 0.50   | cps   |
| Cobalt     | 59-2  | 2299029  | 2299588  | 2285613  | 2294743  | 0.34   | cps   |
| Copper     | 63-2  | 4981185  | 5006483  | 4962836  | 4983502  | 0.44   | cps   |
| Dysprosium | 156-1 | 1240192  | 1230187  | 1230451  | 1233610  | 0.46   | cps   |
| Dysprosium | 156-2 | 603482   | 599256   | 602772   | 601837   | 0.38   | cps   |
| Erbium     | 164-1 | 1177951  | 1169631  | 1161039  | 1169540  | 0.72   | cps   |
| Erbium     | 164-2 | 545864   | 546927   | 548356   | 547049   | 0.23   | cps   |
| Gadolinium | 160-1 | 1371436  | 1363368  | 1362285  | 1365696  | 0.37   | cps   |
| Gadolinium | 160-2 | 705541   | 712367   | 705407   | 707772   | 0.56   | cps   |
| Holmium    | 165-1 | 11744092 | 11692486 | 11626360 | 11687646 | 0.50   | cps   |
| Holmium    | 165-2 | 5671547  | 5679252  | 5707189  | 5685996  | 0.33   | cps   |
| Indium     | 115-1 | 8287818  | 8243296  | 8185698  | 8238937  | 0.62   | cps   |
| Indium     | 115-2 | 1566845  | 1559658  | 1554523  | 1560342  | 0.40   | cps   |
| Iron       | 56-2  | 16701354 | 16511723 | 16483563 | 16565546 | 0.72   | cps   |
| Iron       | 57-2  | 417643   | 417486   | 410672   | 415267   | 0.96   | cps   |
| Lead       | 206-1 | 1206405  | 1181362  | 1174166  | 1187311  | 1.43   | cps   |
| Lead       | 207-1 | 1053589  | 1037562  | 1034257  | 1041802  | 0.99   | cps   |
| Lead       | 208-1 | 4852390  | 4766643  | 4763025  | 4794019  | 1.06   | cps   |
| Lithium    | 6-1   | 1292451  | 1288664  | 1274286  | 1285134  | 0.75   | cps   |
| Magnesium  | 24-2  | 6966720  | 6958512  | 6897472  | 6940901  | 0.55   | cps   |
| Manganese  | 55-2  | 79983695 | 79813409 | 78756395 | 79517833 | 0.84   | cps   |

|                         |                     |                   |                     |
|-------------------------|---------------------|-------------------|---------------------|
| LB Number :             | LB88853             | Operator :        | Jaswal              |
| Lab Sample ID :         | I4255-05            | Instrumnet Name : | P7                  |
| Client Sample ID :      | MH0CC4S             | Dilution Factor : | 1                   |
| Date & Time Acquired :: | 2017-07-19 14:21:02 | DataFile Name :   | 032SMPL_P7071917 -M |

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|------------|-------|----------|----------|----------|----------|--------|-------|
| Molybdenum | 94-1  | 6744     | 6727     | 6935     | 6802     | 1.70   | cps   |
| Molybdenum | 95-1  | 6035     | 6143     | 5852     | 6010     | 2.45   | cps   |
| Molybdenum | 96-1  | 1684     | 1717     | 1834     | 1745     | 4.52   | cps   |
| Molybdenum | 97-1  | 225      | 225      | 267      | 239      | 10.07  | cps   |
| Molybdenum | 98-1  | 608      | 775      | 600      | 661      | 14.93  | cps   |
| Neodymium  | 150-1 | 1801825  | 1797101  | 1808454  | 1802460  | 0.32   | cps   |
| Neodymium  | 150-2 | 668606   | 670363   | 670912   | 669960   | 0.18   | cps   |
| Nickel     | 60-2  | 557927   | 560944   | 553371   | 557414   | 0.68   | cps   |
| Phosphorus | 31-2  | 342      | 250      | 308      | 300      | 15.47  | cps   |
| Potassium  | 39-2  | 817318   | 823508   | 814241   | 818355   | 0.58   | cps   |
| Rhodium    | 103-1 | 7071911  | 7021034  | 6982064  | 7025003  | 0.64   | cps   |
| Rhodium    | 103-2 | 3187689  | 3189640  | 3181301  | 3186210  | 0.14   | cps   |
| Scandium   | 45-1  | 4459867  | 4410741  | 4379310  | 4416639  | 0.92   | cps   |
| Scandium   | 45-2  | 191519   | 192016   | 191816   | 191784   | 0.13   | cps   |
| Selenium   | 77-2  | 2677     | 2664     | 2687     | 2676     | 0.44   | cps   |
| Selenium   | 78-2  | 3191     | 3108     | 3011     | 3103     | 2.90   | cps   |
| Selenium   | 82-1  | 14576    | 14556    | 14148    | 14427    | 1.68   | cps   |
| Silicon    | 28-1  | 40913602 | 40506784 | 39982073 | 40467486 | 1.15   | cps   |
| Silver     | 109-1 | 473537   | 461030   | 459507   | 464691   | 1.66   | cps   |
| Silver     | 107-1 | 485513   | 479484   | 476915   | 480637   | 0.92   | cps   |
| Sodium     | 23-2  | 4019543  | 3999330  | 3984655  | 4001176  | 0.44   | cps   |
| Strontium  | 86-1  | 945563   | 942466   | 931153   | 939727   | 0.81   | cps   |
| Strontium  | 88-1  | 8305854  | 8224528  | 8210725  | 8247035  | 0.62   | cps   |
| Sulfur     | 34-1  | 8514555  | 8409216  | 8355066  | 8426279  | 0.96   | cps   |
| Terbium    | 159-1 | 12120179 | 12179997 | 12150391 | 12150189 | 0.25   | cps   |
| Terbium    | 159-2 | 5626553  | 5652676  | 5639360  | 5639530  | 0.23   | cps   |
| Thallium   | 203-1 | 475584   | 467683   | 466448   | 469905   | 1.05   | cps   |
| Thallium   | 205-1 | 1146604  | 1126584  | 1124265  | 1132484  | 1.08   | cps   |
| Tin        | 118-1 | 1067     | 1075     | 1058     | 1067     | 0.78   | cps   |
| Titanium   | 47-1  | 1133     | 1167     | 1292     | 1197     | 6.97   | cps   |
| Uranium    | 238-1 | 3063522  | 3036124  | 3027709  | 3042452  | 0.62   | cps   |
| Vanadium   | 51-2  | 932355   | 931165   | 924284   | 929268   | 0.47   | cps   |
| Yttrium    | 89-1  | 24150271 | 24188637 | 23967226 | 24102045 | 0.49   | cps   |
| Yttrium    | 89-2  | 3450285  | 3432686  | 3430382  | 3437784  | 0.32   | cps   |
| Zinc       | 66-2  | 11853051 | 11983892 | 11861239 | 11899394 | 0.62   | cps   |
| Zirconium  | 90-1  | 17378    | 17136    | 17319    | 17278    | 0.73   | cps   |

|                         |                     |                   |                     |
|-------------------------|---------------------|-------------------|---------------------|
| LB Number :             | LB88853             | Operator :        | Jaswal              |
| Lab Sample ID :         | I4255-05            | Instrumnet Name : | P7                  |
| Client Sample ID :      | MH0CC4S             | Dilution Factor : | 1                   |
| Date & Time Acquired :: | 2017-07-19 14:21:02 | DataFile Name :   | 032SMPL_P7071917 -M |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|-----------|------|------|------|------|---------|--------|-------|
| Zirconium | 91-1 | 4509 | 4459 | 4251 | 4406    | 3.11   | cps   |

|                         |                     |                   |                     |
|-------------------------|---------------------|-------------------|---------------------|
| LB Number :             | LB88853             | Operator :        | Jaswal              |
| Lab Sample ID :         | I4255-06            | Instrumnet Name : | P7                  |
| Client Sample ID :      | MH0CC6              | Dilution Factor : | 1                   |
| Date & Time Acquired :: | 2017-07-19 14:24:26 | DataFile Name :   | 033SMPL_P7071917 -M |

| Parameter  | Mass  | CPS1      | CPS2      | CPS3      | CPSMean   | CPSRSD | Units |
|------------|-------|-----------|-----------|-----------|-----------|--------|-------|
| Aluminium  | 27-2  | 1453580   | 1446859   | 1431769   | 1444069   | 0.77   | cps   |
| Antimony   | 121-1 | 21242     | 20992     | 21334     | 21189     | 0.84   | cps   |
| Arsenic    | 75-2  | 803360    | 793980    | 788042    | 795127    | 0.97   | cps   |
| Barium     | 135-1 | 11480     | 11338     | 10930     | 11249     | 2.54   | cps   |
| Barium     | 137-1 | 19857     | 19857     | 18838     | 19517     | 3.01   | cps   |
| Beryllium  | 9-1   | 15075     | 14674     | 14830     | 14859     | 1.36   | cps   |
| Bismuth    | 209-1 | 7012900   | 7044487   | 7043963   | 7033783   | 0.26   | cps   |
| Bismuth    | 209-2 | 3885667   | 3899719   | 3882515   | 3889300   | 0.24   | cps   |
| Boron      | 10-1  | 7510      | 7519      | 7844      | 7624      | 2.49   | cps   |
| Boron      | 11-1  | 36829     | 38349     | 38550     | 37910     | 2.48   | cps   |
| Cadmium    | 111-1 | 1792765   | 1786913   | 1783998   | 1787892   | 0.25   | cps   |
| Cadmium    | 106-1 | 178907    | 182527    | 178433    | 179956    | 1.24   | cps   |
| Cadmium    | 108-1 | 125596    | 124015    | 125189    | 124933    | 0.66   | cps   |
| Calcium    | 43-1  | 10071056  | 10067700  | 10062159  | 10066972  | 0.04   | cps   |
| Calcium    | 44-1  | 164405237 | 162718720 | 161895041 | 163006333 | 0.78   | cps   |
| Chromium   | 52-2  | 20992     | 20121     | 19840     | 20318     | 2.96   | cps   |
| Cobalt     | 59-2  | 5005322   | 4946287   | 4925720   | 4959110   | 0.83   | cps   |
| Copper     | 63-2  | 14285161  | 14010585  | 14094077  | 14129941  | 1.00   | cps   |
| Dysprosium | 156-1 | 1537896   | 1534228   | 1517932   | 1530019   | 0.69   | cps   |
| Dysprosium | 156-2 | 722302    | 716373    | 715522    | 718066    | 0.51   | cps   |
| Erbium     | 164-1 | 1502048   | 1505550   | 1496054   | 1501217   | 0.32   | cps   |
| Erbium     | 164-2 | 695400    | 693558    | 688428    | 692462    | 0.52   | cps   |
| Gadolinium | 160-1 | 1627313   | 1623522   | 1614626   | 1621820   | 0.40   | cps   |
| Gadolinium | 160-2 | 831061    | 830783    | 835331    | 832392    | 0.31   | cps   |
| Holmium    | 165-1 | 12095093  | 11927502  | 11983579  | 12002058  | 0.71   | cps   |
| Holmium    | 165-2 | 5730778   | 5699287   | 5700058   | 5710041   | 0.31   | cps   |
| Indium     | 115-1 | 8156057   | 8052354   | 8020504   | 8076305   | 0.88   | cps   |
| Indium     | 115-2 | 1508255   | 1493144   | 1493062   | 1498154   | 0.58   | cps   |
| Iron       | 56-2  | 259258217 | 255040356 | 253448456 | 255915676 | 1.17   | cps   |
| Iron       | 57-2  | 6462548   | 6371683   | 6418763   | 6417665   | 0.71   | cps   |
| Lead       | 206-1 | 3811332   | 3786391   | 3772573   | 3790099   | 0.52   | cps   |
| Lead       | 207-1 | 3313647   | 3317888   | 3282440   | 3304658   | 0.59   | cps   |
| Lead       | 208-1 | 15233280  | 15311118  | 15163799  | 15236066  | 0.48   | cps   |
| Lithium    | 6-1   | 1266583   | 1257250   | 1250737   | 1258190   | 0.63   | cps   |
| Magnesium  | 24-2  | 26137029  | 25780205  | 25756220  | 25891151  | 0.82   | cps   |
| Manganese  | 55-2  | 281497929 | 278566849 | 278853429 | 279639403 | 0.58   | cps   |

|                         |                     |                   |                     |
|-------------------------|---------------------|-------------------|---------------------|
| LB Number :             | LB88853             | Operator :        | Jaswal              |
| Lab Sample ID :         | I4255-06            | Instrumnet Name : | P7                  |
| Client Sample ID :      | MH0CC6              | Dilution Factor : | 1                   |
| Date & Time Acquired :: | 2017-07-19 14:24:26 | DataFile Name :   | 033SMPL_P7071917 -M |

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|------------|-------|----------|----------|----------|----------|--------|-------|
| Molybdenum | 94-1  | 8336     | 8336     | 8019     | 8231     | 2.22   | cps   |
| Molybdenum | 95-1  | 21066    | 20298    | 20925    | 20763    | 1.97   | cps   |
| Molybdenum | 96-1  | 7185     | 7260     | 7077     | 7174     | 1.29   | cps   |
| Molybdenum | 97-1  | 708      | 625      | 458      | 597      | 21.32  | cps   |
| Molybdenum | 98-1  | 1483     | 1517     | 1392     | 1464     | 4.42   | cps   |
| Neodymium  | 150-1 | 2002971  | 1985879  | 1975219  | 1988023  | 0.70   | cps   |
| Neodymium  | 150-2 | 723756   | 723538   | 728418   | 725237   | 0.38   | cps   |
| Nickel     | 60-2  | 403623   | 397374   | 397194   | 399397   | 0.92   | cps   |
| Phosphorus | 31-2  | 408      | 425      | 358      | 397      | 8.73   | cps   |
| Potassium  | 39-2  | 2308486  | 2287215  | 2276962  | 2290887  | 0.70   | cps   |
| Rhodium    | 103-1 | 6877086  | 6867826  | 6790308  | 6845073  | 0.70   | cps   |
| Rhodium    | 103-2 | 3043140  | 3025010  | 3003501  | 3023884  | 0.66   | cps   |
| Scandium   | 45-1  | 4410250  | 4363574  | 4341305  | 4371710  | 0.80   | cps   |
| Scandium   | 45-2  | 183945   | 183662   | 182362   | 183323   | 0.46   | cps   |
| Selenium   | 77-2  | 2244     | 2160     | 2230     | 2211     | 2.02   | cps   |
| Selenium   | 78-2  | 1376     | 1246     | 1365     | 1329     | 5.41   | cps   |
| Selenium   | 82-1  | 2035     | 2001     | 1852     | 1962     | 4.96   | cps   |
| Silicon    | 28-1  | 52372915 | 52284037 | 51906945 | 52187965 | 0.47   | cps   |
| Silver     | 109-1 | 8261     | 8244     | 8286     | 8264     | 0.25   | cps   |
| Silver     | 107-1 | 9979     | 11138    | 11063    | 10727    | 6.05   | cps   |
| Sodium     | 23-2  | 15157705 | 15153787 | 15024958 | 15112150 | 0.50   | cps   |
| Strontium  | 86-1  | 4920008  | 4887437  | 4833434  | 4880293  | 0.90   | cps   |
| Strontium  | 88-1  | 42714127 | 42491964 | 42326550 | 42510880 | 0.46   | cps   |
| Sulfur     | 34-1  | 26307571 | 26155217 | 25982708 | 26148499 | 0.62   | cps   |
| Terbium    | 159-1 | 12362891 | 12308906 | 12261801 | 12311199 | 0.41   | cps   |
| Terbium    | 159-2 | 5640185  | 5581624  | 5596667  | 5606158  | 0.54   | cps   |
| Thallium   | 203-1 | 5001     | 4393     | 4951     | 4782     | 7.07   | cps   |
| Thallium   | 205-1 | 11497    | 11531    | 11380    | 11469    | 0.69   | cps   |
| Tin        | 118-1 | 4584     | 4451     | 4593     | 4543     | 1.75   | cps   |
| Titanium   | 47-1  | 2984     | 2809     | 2850     | 2881     | 3.17   | cps   |
| Uranium    | 238-1 | 3538636  | 3536977  | 3511992  | 3529202  | 0.42   | cps   |
| Vanadium   | 51-2  | 950      | 957      | 1003     | 970      | 3.00   | cps   |
| Yttrium    | 89-1  | 31263287 | 31176951 | 31109921 | 31183386 | 0.25   | cps   |
| Yttrium    | 89-2  | 4370909  | 4355760  | 4326247  | 4350972  | 0.52   | cps   |
| Zinc       | 66-2  | 58975382 | 58329352 | 57806609 | 58370448 | 1.00   | cps   |
| Zirconium  | 90-1  | 20850    | 19940    | 19589    | 20126    | 3.23   | cps   |



|                         |                     |                   |                     |
|-------------------------|---------------------|-------------------|---------------------|
| LB Number :             | LB88853             | Operator :        | Jaswal              |
| Lab Sample ID :         | I4255-06            | Instrumnet Name : | P7                  |
| Client Sample ID :      | MH0CC6              | Dilution Factor : | 1                   |
| Date & Time Acquired :: | 2017-07-19 14:24:26 | DataFile Name :   | 033SMPL_P7071917 -M |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|-----------|------|------|------|------|---------|--------|-------|
| Zirconium | 91-1 | 7227 | 7044 | 6427 | 6899    | 6.08   | cps   |

|                         |                     |                   |                     |
|-------------------------|---------------------|-------------------|---------------------|
| LB Number :             | LB88853             | Operator :        | Jaswal              |
| Lab Sample ID :         | I4256-01            | Instrumnet Name : | P7                  |
| Client Sample ID :      | MH0CC2              | Dilution Factor : | 1                   |
| Date & Time Acquired :: | 2017-07-19 14:27:54 | DataFile Name :   | 034SMPL_P7071917 -M |

| Parameter  | Mass  | CPS1      | CPS2      | CPS3      | CPSMean   | CPSRSD | Units |
|------------|-------|-----------|-----------|-----------|-----------|--------|-------|
| Aluminium  | 27-2  | 1011517   | 1012978   | 1000859   | 1008451   | 0.66   | cps   |
| Antimony   | 121-1 | 6235      | 6402      | 6435      | 6357      | 1.69   | cps   |
| Arsenic    | 75-2  | 33262     | 32869     | 32637     | 32922     | 0.96   | cps   |
| Barium     | 135-1 | 29315     | 29182     | 28514     | 29003     | 1.48   | cps   |
| Barium     | 137-1 | 51931     | 50844     | 50359     | 51045     | 1.58   | cps   |
| Beryllium  | 9-1   | 12005     | 11944     | 11471     | 11807     | 2.47   | cps   |
| Bismuth    | 209-1 | 7149254   | 7216025   | 7308822   | 7224700   | 1.11   | cps   |
| Bismuth    | 209-2 | 4023704   | 4028815   | 4033598   | 4028706   | 0.12   | cps   |
| Boron      | 10-1  | 3892      | 3692      | 3534      | 3706      | 4.85   | cps   |
| Boron      | 11-1  | 18612     | 19288     | 19171     | 19024     | 1.90   | cps   |
| Cadmium    | 111-1 | 1035201   | 1035012   | 1033531   | 1034581   | 0.09   | cps   |
| Cadmium    | 106-1 | 105726    | 105230    | 107438    | 106131    | 1.09   | cps   |
| Cadmium    | 108-1 | 72053     | 71186     | 71584     | 71608     | 0.61   | cps   |
| Calcium    | 43-1  | 5327446   | 5284001   | 5250561   | 5287336   | 0.73   | cps   |
| Calcium    | 44-1  | 86115098  | 85018960  | 84755729  | 85296596  | 0.85   | cps   |
| Chromium   | 52-2  | 3847      | 3697      | 3537      | 3694      | 4.20   | cps   |
| Cobalt     | 59-2  | 2319285   | 2328804   | 2315130   | 2321073   | 0.30   | cps   |
| Copper     | 63-2  | 10300029  | 10363399  | 10249828  | 10304419  | 0.55   | cps   |
| Dysprosium | 156-1 | 1203580   | 1186496   | 1179370   | 1189815   | 1.05   | cps   |
| Dysprosium | 156-2 | 562450    | 564356    | 563101    | 563302    | 0.17   | cps   |
| Erbium     | 164-1 | 1168688   | 1164903   | 1164922   | 1166171   | 0.19   | cps   |
| Erbium     | 164-2 | 540436    | 539130    | 540047    | 539871    | 0.12   | cps   |
| Gadolinium | 160-1 | 1270132   | 1266229   | 1259950   | 1265437   | 0.41   | cps   |
| Gadolinium | 160-2 | 657707    | 653045    | 648722    | 653158    | 0.69   | cps   |
| Holmium    | 165-1 | 11875179  | 11828111  | 11767665  | 11823652  | 0.46   | cps   |
| Holmium    | 165-2 | 5683833   | 5686863   | 5659304   | 5676667   | 0.27   | cps   |
| Indium     | 115-1 | 8192246   | 8226231   | 8091897   | 8170125   | 0.85   | cps   |
| Indium     | 115-2 | 1520295   | 1521382   | 1523996   | 1521891   | 0.12   | cps   |
| Iron       | 56-2  | 46251877  | 46194736  | 46240958  | 46229190  | 0.07   | cps   |
| Iron       | 57-2  | 1138620   | 1140250   | 1133132   | 1137334   | 0.33   | cps   |
| Lead       | 206-1 | 136750    | 137435    | 137391    | 137192    | 0.28   | cps   |
| Lead       | 207-1 | 119335    | 120850    | 119128    | 119771    | 0.78   | cps   |
| Lead       | 208-1 | 550276    | 552407    | 550568    | 551084    | 0.21   | cps   |
| Lithium    | 6-1   | 1246067   | 1232405   | 1231829   | 1236767   | 0.65   | cps   |
| Magnesium  | 24-2  | 13658237  | 13659507  | 13586989  | 13634911  | 0.30   | cps   |
| Manganese  | 55-2  | 152973741 | 152517401 | 152617874 | 152703006 | 0.16   | cps   |

|                         |                     |                   |                     |
|-------------------------|---------------------|-------------------|---------------------|
| LB Number :             | LB88853             | Operator :        | Jaswal              |
| Lab Sample ID :         | I4256-01            | Instrumnet Name : | P7                  |
| Client Sample ID :      | MH0CC2              | Dilution Factor : | 1                   |
| Date & Time Acquired :: | 2017-07-19 14:27:54 | DataFile Name :   | 034SMPL_P7071917 -M |

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|------------|-------|----------|----------|----------|----------|--------|-------|
| Molybdenum | 94-1  | 1492     | 1358     | 1333     | 1395     | 6.10   | cps   |
| Molybdenum | 95-1  | 11272    | 10704    | 10371    | 10782    | 4.22   | cps   |
| Molybdenum | 96-1  | 1500     | 1358     | 1058     | 1306     | 17.27  | cps   |
| Molybdenum | 97-1  | 92       | 92       | 92       | 92       | 0.00   | cps   |
| Molybdenum | 98-1  | 400      | 308      | 450      | 386      | 18.61  | cps   |
| Neodymium  | 150-1 | 1587239  | 1560415  | 1548423  | 1565359  | 1.27   | cps   |
| Neodymium  | 150-2 | 578735   | 581000   | 577507   | 579081   | 0.31   | cps   |
| Nickel     | 60-2  | 211802   | 212303   | 211210   | 211772   | 0.26   | cps   |
| Phosphorus | 31-2  | 142      | 125      | 150      | 139      | 9.16   | cps   |
| Potassium  | 39-2  | 1385371  | 1389389  | 1387423  | 1387394  | 0.14   | cps   |
| Rhodium    | 103-1 | 6924896  | 6925459  | 6931093  | 6927149  | 0.05   | cps   |
| Rhodium    | 103-2 | 3093838  | 3111589  | 3104628  | 3103352  | 0.29   | cps   |
| Scandium   | 45-1  | 4221497  | 4197832  | 4201093  | 4206807  | 0.30   | cps   |
| Scandium   | 45-2  | 181683   | 182785   | 183082   | 182517   | 0.40   | cps   |
| Selenium   | 77-2  | 1903     | 1790     | 1927     | 1873     | 3.90   | cps   |
| Selenium   | 78-2  | 1124     | 1113     | 1059     | 1099     | 3.15   | cps   |
| Selenium   | 82-1  | 1320     | 1320     | 1280     | 1307     | 1.76   | cps   |
| Silicon    | 28-1  | 29655128 | 29476003 | 29553036 | 29561389 | 0.30   | cps   |
| Silver     | 109-1 | 2575     | 2917     | 3075     | 2856     | 8.95   | cps   |
| Silver     | 107-1 | 4042     | 4109     | 4159     | 4104     | 1.43   | cps   |
| Sodium     | 23-2  | 8638075  | 8572299  | 8543801  | 8584725  | 0.56   | cps   |
| Strontium  | 86-1  | 2455942  | 2449860  | 2422555  | 2442786  | 0.73   | cps   |
| Strontium  | 88-1  | 21614551 | 21538646 | 21354661 | 21502619 | 0.62   | cps   |
| Sulfur     | 34-1  | 14011749 | 13951120 | 13875650 | 13946173 | 0.49   | cps   |
| Terbium    | 159-1 | 12187451 | 12071432 | 12053812 | 12104232 | 0.60   | cps   |
| Terbium    | 159-2 | 5604641  | 5589273  | 5605358  | 5599757  | 0.16   | cps   |
| Thallium   | 203-1 | 2434     | 2525     | 2242     | 2400     | 6.03   | cps   |
| Thallium   | 205-1 | 5793     | 5693     | 5518     | 5668     | 2.46   | cps   |
| Tin        | 118-1 | 592      | 750      | 600      | 647      | 13.77  | cps   |
| Titanium   | 47-1  | 742      | 617      | 750      | 703      | 10.63  | cps   |
| Uranium    | 238-1 | 3031731  | 3032193  | 3035337  | 3033087  | 0.06   | cps   |
| Vanadium   | 51-2  | 197      | 180      | 253      | 210      | 18.31  | cps   |
| Yttrium    | 89-1  | 25329404 | 25289692 | 25063934 | 25227677 | 0.57   | cps   |
| Yttrium    | 89-2  | 3528970  | 3547296  | 3529970  | 3535412  | 0.29   | cps   |
| Zinc       | 66-2  | 33688740 | 33720151 | 33573389 | 33660760 | 0.23   | cps   |
| Zirconium  | 90-1  | 3626     | 3092     | 3125     | 3281     | 9.11   | cps   |

|                         |                     |                   |                     |
|-------------------------|---------------------|-------------------|---------------------|
| LB Number :             | LB88853             | Operator :        | Jaswal              |
| Lab Sample ID :         | I4256-01            | Instrumnet Name : | P7                  |
| Client Sample ID :      | MH0CC2              | Dilution Factor : | 1                   |
| Date & Time Acquired :: | 2017-07-19 14:27:54 | DataFile Name :   | 034SMPL_P7071917 -M |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|-----------|------|------|------|------|---------|--------|-------|
| Zirconium | 91-1 | 758  | 783  | 692  | 744     | 6.37   | cps   |

LB Number : LB88853 Operator : Jaswal  
 Lab Sample ID : I4256-02 Instrumnet Name : P7  
 Client Sample ID : MH0CC3 Dilution Factor : 1  
 Date & Time Acquired :: 2017-07-19 14:31:20 DataFile Name : 035SMPL\_P7071917 -M

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|------------|-------|----------|----------|----------|----------|--------|-------|
| Aluminium  | 27-2  | 2484783  | 2506973  | 2486683  | 2492813  | 0.49   | cps   |
| Antimony   | 121-1 | 33934    | 33541    | 33156    | 33544    | 1.16   | cps   |
| Arsenic    | 75-2  | 170921   | 171631   | 170799   | 171117   | 0.26   | cps   |
| Barium     | 135-1 | 38530    | 38872    | 37744    | 38382    | 1.51   | cps   |
| Barium     | 137-1 | 67381    | 67054    | 66058    | 66831    | 1.03   | cps   |
| Beryllium  | 9-1   | 14958    | 14207    | 14335    | 14500    | 2.77   | cps   |
| Bismuth    | 209-1 | 7343819  | 7408531  | 7367899  | 7373417  | 0.44   | cps   |
| Bismuth    | 209-2 | 4121072  | 4152647  | 4131932  | 4135217  | 0.39   | cps   |
| Boron      | 10-1  | 1850     | 1975     | 2017     | 1947     | 4.45   | cps   |
| Boron      | 11-1  | 8986     | 9287     | 8753     | 9009     | 2.97   | cps   |
| Cadmium    | 111-1 | 487465   | 486944   | 487006   | 487138   | 0.06   | cps   |
| Cadmium    | 106-1 | 54104    | 53125    | 52632    | 53287    | 1.41   | cps   |
| Cadmium    | 108-1 | 33402    | 32930    | 33243    | 33192    | 0.72   | cps   |
| Calcium    | 43-1  | 2418651  | 2411181  | 2413179  | 2414337  | 0.16   | cps   |
| Calcium    | 44-1  | 39427782 | 39281344 | 38877161 | 39195429 | 0.73   | cps   |
| Chromium   | 52-2  | 10004    | 10134    | 10230    | 10123    | 1.12   | cps   |
| Cobalt     | 59-2  | 455568   | 455281   | 454318   | 455056   | 0.14   | cps   |
| Copper     | 63-2  | 4264868  | 4288688  | 4272213  | 4275256  | 0.29   | cps   |
| Dysprosium | 156-1 | 1256067  | 1250735  | 1247618  | 1251473  | 0.34   | cps   |
| Dysprosium | 156-2 | 608152   | 611267   | 609314   | 609578   | 0.26   | cps   |
| Erbium     | 164-1 | 1196233  | 1191548  | 1181373  | 1189718  | 0.64   | cps   |
| Erbium     | 164-2 | 547951   | 553086   | 553722   | 551587   | 0.57   | cps   |
| Gadolinium | 160-1 | 1395323  | 1399490  | 1380412  | 1391742  | 0.72   | cps   |
| Gadolinium | 160-2 | 713041   | 720147   | 717439   | 716876   | 0.50   | cps   |
| Holmium    | 165-1 | 12073256 | 11981853 | 11960218 | 12005109 | 0.50   | cps   |
| Holmium    | 165-2 | 5697180  | 5745282  | 5744102  | 5728855  | 0.48   | cps   |
| Indium     | 115-1 | 8321104  | 8328983  | 8212723  | 8287603  | 0.78   | cps   |
| Indium     | 115-2 | 1550350  | 1561768  | 1550793  | 1554304  | 0.42   | cps   |
| Iron       | 56-2  | 14408590 | 14270008 | 14377444 | 14352014 | 0.51   | cps   |
| Iron       | 57-2  | 356753   | 358633   | 361976   | 359121   | 0.74   | cps   |
| Lead       | 206-1 | 1029646  | 1020819  | 1020589  | 1023685  | 0.50   | cps   |
| Lead       | 207-1 | 899059   | 892004   | 883475   | 891513   | 0.88   | cps   |
| Lead       | 208-1 | 4138117  | 4116294  | 4088240  | 4114217  | 0.61   | cps   |
| Lithium    | 6-1   | 1245097  | 1245305  | 1236010  | 1242137  | 0.43   | cps   |
| Magnesium  | 24-2  | 6893975  | 6851216  | 6850110  | 6865100  | 0.36   | cps   |
| Manganese  | 55-2  | 78821657 | 78660657 | 78697542 | 78726619 | 0.11   | cps   |

|                         |                     |                   |                     |
|-------------------------|---------------------|-------------------|---------------------|
| LB Number :             | LB88853             | Operator :        | Jaswal              |
| Lab Sample ID :         | I4256-02            | Instrumnet Name : | P7                  |
| Client Sample ID :      | MH0CC3              | Dilution Factor : | 1                   |
| Date & Time Acquired :: | 2017-07-19 14:31:20 | DataFile Name :   | 035SMPL_P7071917 -M |

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|------------|-------|----------|----------|----------|----------|--------|-------|
| Molybdenum | 94-1  | 5601     | 5935     | 6160     | 5899     | 4.76   | cps   |
| Molybdenum | 95-1  | 5793     | 5860     | 5843     | 5832     | 0.60   | cps   |
| Molybdenum | 96-1  | 1442     | 1575     | 1659     | 1558     | 7.01   | cps   |
| Molybdenum | 97-1  | 242      | 175      | 167      | 194      | 21.14  | cps   |
| Molybdenum | 98-1  | 292      | 392      | 350      | 344      | 14.58  | cps   |
| Neodymium  | 150-1 | 1838594  | 1814887  | 1816338  | 1823273  | 0.73   | cps   |
| Neodymium  | 150-2 | 675956   | 679407   | 674529   | 676631   | 0.37   | cps   |
| Nickel     | 60-2  | 80224    | 80389    | 79594    | 80069    | 0.52   | cps   |
| Phosphorus | 31-2  | 358      | 300      | 333      | 331      | 8.85   | cps   |
| Potassium  | 39-2  | 792930   | 798105   | 797936   | 796324   | 0.37   | cps   |
| Rhodium    | 103-1 | 7131432  | 7140592  | 7045785  | 7105936  | 0.74   | cps   |
| Rhodium    | 103-2 | 3158535  | 3202066  | 3180477  | 3180359  | 0.68   | cps   |
| Scandium   | 45-1  | 4336161  | 4358923  | 4322824  | 4339303  | 0.42   | cps   |
| Scandium   | 45-2  | 187854   | 190180   | 188131   | 188722   | 0.67   | cps   |
| Selenium   | 77-2  | 2287     | 1927     | 2290     | 2168     | 9.63   | cps   |
| Selenium   | 78-2  | 1200     | 1133     | 1165     | 1166     | 2.86   | cps   |
| Selenium   | 82-1  | 1164     | 1323     | 1398     | 1295     | 9.22   | cps   |
| Silicon    | 28-1  | 39501211 | 39699830 | 39432425 | 39544489 | 0.35   | cps   |
| Silver     | 109-1 | 5968     | 6010     | 6127     | 6035     | 1.36   | cps   |
| Silver     | 107-1 | 6668     | 6602     | 7144     | 6805     | 4.34   | cps   |
| Sodium     | 23-2  | 3899046  | 3921299  | 3908876  | 3909740  | 0.29   | cps   |
| Strontium  | 86-1  | 938707   | 932437   | 925999   | 932381   | 0.68   | cps   |
| Strontium  | 88-1  | 8300197  | 8290947  | 8302184  | 8297776  | 0.07   | cps   |
| Sulfur     | 34-1  | 8324821  | 8388105  | 8273368  | 8328765  | 0.69   | cps   |
| Terbium    | 159-1 | 12443317 | 12421022 | 12275948 | 12380096 | 0.73   | cps   |
| Terbium    | 159-2 | 5684905  | 5690598  | 5676827  | 5684110  | 0.12   | cps   |
| Thallium   | 203-1 | 967      | 1058     | 1033     | 1020     | 4.65   | cps   |
| Thallium   | 205-1 | 2584     | 2375     | 2459     | 2473     | 4.24   | cps   |
| Tin        | 118-1 | 692      | 950      | 617      | 753      | 23.23  | cps   |
| Titanium   | 47-1  | 1325     | 1467     | 1167     | 1320     | 11.37  | cps   |
| Uranium    | 238-1 | 3104588  | 3069466  | 3064333  | 3079462  | 0.71   | cps   |
| Vanadium   | 51-2  | 170      | 217      | 157      | 181      | 17.40  | cps   |
| Yttrium    | 89-1  | 24529415 | 24304085 | 24287598 | 24373699 | 0.55   | cps   |
| Yttrium    | 89-2  | 3420140  | 3446213  | 3411801  | 3426051  | 0.52   | cps   |
| Zinc       | 66-2  | 11799954 | 11748290 | 11744939 | 11764394 | 0.26   | cps   |
| Zirconium  | 90-1  | 16043    | 15985    | 16443    | 16157    | 1.55   | cps   |

|                         |                     |                   |                     |
|-------------------------|---------------------|-------------------|---------------------|
| LB Number :             | LB88853             | Operator :        | Jaswal              |
| Lab Sample ID :         | I4256-02            | Instrumnet Name : | P7                  |
| Client Sample ID :      | MH0CC3              | Dilution Factor : | 1                   |
| Date & Time Acquired :: | 2017-07-19 14:31:20 | DataFile Name :   | 035SMPL_P7071917 -M |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|-----------|------|------|------|------|---------|--------|-------|
| Zirconium | 91-1 | 4193 | 3742 | 4159 | 4031    | 6.22   | cps   |

LB Number : LB88853 Operator : Jaswal  
 Lab Sample ID : I4256-03 Instrumnet Name : P7  
 Client Sample ID : MH0CC3D Dilution Factor : 1  
 Date & Time Acquired :: 2017-07-19 14:34:45 DataFile Name : 036SMPL\_P7071917 -M

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|------------|-------|----------|----------|----------|----------|--------|-------|
| Aluminium  | 27-2  | 2402517  | 2422132  | 2416975  | 2413874  | 0.42   | cps   |
| Antimony   | 121-1 | 32630    | 32246    | 32764    | 32547    | 0.83   | cps   |
| Arsenic    | 75-2  | 166685   | 167214   | 165561   | 166487   | 0.51   | cps   |
| Barium     | 135-1 | 36908    | 38003    | 37351    | 37421    | 1.47   | cps   |
| Barium     | 137-1 | 65539    | 65882    | 64927    | 65449    | 0.74   | cps   |
| Beryllium  | 9-1   | 13890    | 13801    | 13790    | 13827    | 0.40   | cps   |
| Bismuth    | 209-1 | 7208110  | 7152247  | 7182614  | 7180990  | 0.39   | cps   |
| Bismuth    | 209-2 | 4034676  | 4038900  | 4035620  | 4036399  | 0.05   | cps   |
| Boron      | 10-1  | 1592     | 1625     | 1533     | 1583     | 2.93   | cps   |
| Boron      | 11-1  | 8244     | 8478     | 8494     | 8405     | 1.66   | cps   |
| Cadmium    | 111-1 | 480724   | 471721   | 473036   | 475160   | 1.02   | cps   |
| Cadmium    | 106-1 | 53535    | 50967    | 50039    | 51514    | 3.52   | cps   |
| Cadmium    | 108-1 | 32521    | 32888    | 32404    | 32604    | 0.78   | cps   |
| Calcium    | 43-1  | 2377192  | 2349064  | 2340923  | 2355727  | 0.81   | cps   |
| Calcium    | 44-1  | 38403420 | 38273324 | 38076595 | 38251113 | 0.43   | cps   |
| Chromium   | 52-2  | 9980     | 10364    | 10407    | 10250    | 2.29   | cps   |
| Cobalt     | 59-2  | 442066   | 444762   | 443882   | 443570   | 0.31   | cps   |
| Copper     | 63-2  | 4161224  | 4176035  | 4164814  | 4167358  | 0.19   | cps   |
| Dysprosium | 156-1 | 1219534  | 1210875  | 1211528  | 1213979  | 0.40   | cps   |
| Dysprosium | 156-2 | 593842   | 590540   | 592672   | 592351   | 0.28   | cps   |
| Erbium     | 164-1 | 1162612  | 1158338  | 1154321  | 1158424  | 0.36   | cps   |
| Erbium     | 164-2 | 534639   | 535438   | 538095   | 536058   | 0.34   | cps   |
| Gadolinium | 160-1 | 1348420  | 1344486  | 1342181  | 1345029  | 0.23   | cps   |
| Gadolinium | 160-2 | 694059   | 695475   | 693157   | 694230   | 0.17   | cps   |
| Holmium    | 165-1 | 11692240 | 11656689 | 11687668 | 11678866 | 0.17   | cps   |
| Holmium    | 165-2 | 5546139  | 5553539  | 5567968  | 5555882  | 0.20   | cps   |
| Indium     | 115-1 | 8084443  | 8097868  | 7993072  | 8058461  | 0.71   | cps   |
| Indium     | 115-2 | 1516060  | 1509879  | 1509092  | 1511677  | 0.25   | cps   |
| Iron       | 56-2  | 13975955 | 14096542 | 13931640 | 14001379 | 0.61   | cps   |
| Iron       | 57-2  | 346819   | 348997   | 349346   | 348387   | 0.39   | cps   |
| Lead       | 206-1 | 1003790  | 993144   | 991281   | 996072   | 0.68   | cps   |
| Lead       | 207-1 | 869134   | 858728   | 858579   | 862147   | 0.70   | cps   |
| Lead       | 208-1 | 4006956  | 3982822  | 3970376  | 3986718  | 0.47   | cps   |
| Lithium    | 6-1   | 1218854  | 1207431  | 1204681  | 1210322  | 0.62   | cps   |
| Magnesium  | 24-2  | 6637145  | 6661538  | 6672846  | 6657176  | 0.27   | cps   |
| Manganese  | 55-2  | 76124982 | 76368879 | 76247631 | 76247164 | 0.16   | cps   |



|                         |                     |                   |                     |
|-------------------------|---------------------|-------------------|---------------------|
| LB Number :             | LB88853             | Operator :        | Jaswal              |
| Lab Sample ID :         | I4256-03            | Instrumnet Name : | P7                  |
| Client Sample ID :      | MH0CC3D             | Dilution Factor : | 1                   |
| Date & Time Acquired :: | 2017-07-19 14:34:45 | DataFile Name :   | 036SMPL_P7071917 -M |

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|------------|-------|----------|----------|----------|----------|--------|-------|
| Molybdenum | 94-1  | 5568     | 5610     | 5826     | 5668     | 2.45   | cps   |
| Molybdenum | 95-1  | 5301     | 5476     | 5526     | 5435     | 2.17   | cps   |
| Molybdenum | 96-1  | 1700     | 1275     | 1333     | 1436     | 16.04  | cps   |
| Molybdenum | 97-1  | 100      | 75       | 150      | 108      | 35.25  | cps   |
| Molybdenum | 98-1  | 358      | 375      | 375      | 369      | 2.60   | cps   |
| Neodymium  | 150-1 | 1788034  | 1767777  | 1770495  | 1775435  | 0.62   | cps   |
| Neodymium  | 150-2 | 655552   | 653628   | 659087   | 656089   | 0.42   | cps   |
| Nickel     | 60-2  | 78509    | 78716    | 80064    | 79096    | 1.07   | cps   |
| Phosphorus | 31-2  | 325      | 367      | 383      | 358      | 8.38   | cps   |
| Potassium  | 39-2  | 769774   | 777696   | 772546   | 773339   | 0.52   | cps   |
| Rhodium    | 103-1 | 6964806  | 6916706  | 6923411  | 6934974  | 0.38   | cps   |
| Rhodium    | 103-2 | 3100799  | 3120670  | 3106184  | 3109217  | 0.33   | cps   |
| Scandium   | 45-1  | 4270281  | 4260546  | 4232431  | 4254419  | 0.46   | cps   |
| Scandium   | 45-2  | 182687   | 184273   | 182343   | 183101   | 0.56   | cps   |
| Selenium   | 77-2  | 2170     | 1977     | 2194     | 2114     | 5.63   | cps   |
| Selenium   | 78-2  | 1087     | 1148     | 1148     | 1128     | 3.13   | cps   |
| Selenium   | 82-1  | 1280     | 1321     | 1233     | 1278     | 3.45   | cps   |
| Silicon    | 28-1  | 38592120 | 38533119 | 38505239 | 38543493 | 0.12   | cps   |
| Silver     | 109-1 | 6277     | 6260     | 5801     | 6113     | 4.41   | cps   |
| Silver     | 107-1 | 6785     | 6719     | 6985     | 6830     | 2.03   | cps   |
| Sodium     | 23-2  | 3786272  | 3795583  | 3787398  | 3789751  | 0.13   | cps   |
| Strontium  | 86-1  | 917952   | 905683   | 900382   | 908006   | 0.99   | cps   |
| Strontium  | 88-1  | 8167724  | 8031418  | 8013838  | 8070993  | 1.04   | cps   |
| Sulfur     | 34-1  | 8127981  | 8136412  | 8074598  | 8112997  | 0.41   | cps   |
| Terbium    | 159-1 | 12058862 | 11959140 | 12000841 | 12006281 | 0.42   | cps   |
| Terbium    | 159-2 | 5522599  | 5503140  | 5500932  | 5508890  | 0.22   | cps   |
| Thallium   | 203-1 | 1167     | 1100     | 908      | 1058     | 12.67  | cps   |
| Thallium   | 205-1 | 2284     | 2367     | 2500     | 2384     | 4.59   | cps   |
| Tin        | 118-1 | 742      | 625      | 867      | 744      | 16.23  | cps   |
| Titanium   | 47-1  | 1117     | 1200     | 1417     | 1245     | 12.44  | cps   |
| Uranium    | 238-1 | 2985791  | 3002601  | 2994765  | 2994386  | 0.28   | cps   |
| Vanadium   | 51-2  | 117      | 190      | 157      | 154      | 23.77  | cps   |
| Yttrium    | 89-1  | 23871131 | 23520477 | 23667261 | 23686290 | 0.74   | cps   |
| Yttrium    | 89-2  | 3330172  | 3324594  | 3341913  | 3332226  | 0.27   | cps   |
| Zinc       | 66-2  | 11431056 | 11414217 | 11463374 | 11436216 | 0.22   | cps   |
| Zirconium  | 90-1  | 15551    | 16010    | 15684    | 15748    | 1.50   | cps   |

|                         |                     |                   |                     |
|-------------------------|---------------------|-------------------|---------------------|
| LB Number :             | LB88853             | Operator :        | Jaswal              |
| Lab Sample ID :         | I4256-03            | Instrumnet Name : | P7                  |
| Client Sample ID :      | MH0CC3D             | Dilution Factor : | 1                   |
| Date & Time Acquired :: | 2017-07-19 14:34:45 | DataFile Name :   | 036SMPL_P7071917 -M |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|-----------|------|------|------|------|---------|--------|-------|
| Zirconium | 91-1 | 3917 | 4317 | 4259 | 4165    | 5.19   | cps   |

|                         |                     |                   |                     |
|-------------------------|---------------------|-------------------|---------------------|
| LB Number :             | LB88853             | Operator :        | Jaswal              |
| Lab Sample ID :         | I4256-02LX5         | Instrumnet Name : | P7                  |
| Client Sample ID :      | MH0CC3L             | Dilution Factor : | 5                   |
| Date & Time Acquired :: | 2017-07-19 14:38:10 | DataFile Name :   | 037SMPL_P7071917 -M |

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|------------|-------|----------|----------|----------|----------|--------|-------|
| Aluminium  | 27-2  | 481320   | 478077   | 480376   | 479925   | 0.35   | cps   |
| Antimony   | 121-1 | 6177     | 6535     | 6093     | 6268     | 3.75   | cps   |
| Arsenic    | 75-2  | 32564    | 32440    | 32631    | 32545    | 0.30   | cps   |
| Barium     | 135-1 | 6944     | 7186     | 7069     | 7066     | 1.71   | cps   |
| Barium     | 137-1 | 12923    | 13098    | 13132    | 13051    | 0.86   | cps   |
| Beryllium  | 9-1   | 3039     | 2567     | 2845     | 2817     | 8.43   | cps   |
| Bismuth    | 209-1 | 7076119  | 7196748  | 7026859  | 7099909  | 1.23   | cps   |
| Bismuth    | 209-2 | 4057961  | 4070277  | 3987892  | 4038710  | 1.10   | cps   |
| Boron      | 10-1  | 683      | 642      | 608      | 644      | 5.83   | cps   |
| Boron      | 11-1  | 3259     | 3376     | 2767     | 3134     | 10.31  | cps   |
| Cadmium    | 111-1 | 94896    | 93994    | 93360    | 94083    | 0.82   | cps   |
| Cadmium    | 106-1 | 12197    | 12598    | 11597    | 12131    | 4.15   | cps   |
| Cadmium    | 108-1 | 6043     | 6468     | 6331     | 6281     | 3.45   | cps   |
| Calcium    | 43-1  | 454067   | 451046   | 455447   | 453520   | 0.50   | cps   |
| Calcium    | 44-1  | 7366373  | 7404575  | 7470568  | 7413839  | 0.71   | cps   |
| Chromium   | 52-2  | 2387     | 2434     | 2337     | 2386     | 2.03   | cps   |
| Cobalt     | 59-2  | 88042    | 89413    | 88659    | 88705    | 0.77   | cps   |
| Copper     | 63-2  | 830112   | 832806   | 832371   | 831763   | 0.17   | cps   |
| Dysprosium | 156-1 | 231243   | 230154   | 231184   | 230860   | 0.27   | cps   |
| Dysprosium | 156-2 | 115083   | 116068   | 115729   | 115627   | 0.43   | cps   |
| Erbium     | 164-1 | 216974   | 217438   | 221947   | 218786   | 1.26   | cps   |
| Erbium     | 164-2 | 103800   | 105019   | 103042   | 103954   | 0.96   | cps   |
| Gadolinium | 160-1 | 252186   | 249770   | 258247   | 253401   | 1.72   | cps   |
| Gadolinium | 160-2 | 135615   | 135619   | 136656   | 135963   | 0.44   | cps   |
| Holmium    | 165-1 | 10693992 | 10955707 | 10737139 | 10795612 | 1.30   | cps   |
| Holmium    | 165-2 | 5203175  | 5238278  | 5165915  | 5202456  | 0.70   | cps   |
| Indium     | 115-1 | 7912032  | 7978506  | 7844640  | 7911726  | 0.85   | cps   |
| Indium     | 115-2 | 1514750  | 1521543  | 1500919  | 1512404  | 0.69   | cps   |
| Iron       | 56-2  | 2780279  | 2791950  | 2784064  | 2785431  | 0.21   | cps   |
| Iron       | 57-2  | 71491    | 69966    | 70776    | 70744    | 1.08   | cps   |
| Lead       | 206-1 | 194252   | 191570   | 192577   | 192800   | 0.70   | cps   |
| Lead       | 207-1 | 166130   | 166927   | 167362   | 166806   | 0.37   | cps   |
| Lead       | 208-1 | 771288   | 765839   | 771580   | 769569   | 0.42   | cps   |
| Lithium    | 6-1   | 1153856  | 1165187  | 1144232  | 1154425  | 0.91   | cps   |
| Magnesium  | 24-2  | 1326181  | 1329243  | 1326789  | 1327404  | 0.12   | cps   |
| Manganese  | 55-2  | 15226584 | 15249312 | 15283433 | 15253110 | 0.19   | cps   |

|                         |                     |                   |                     |
|-------------------------|---------------------|-------------------|---------------------|
| LB Number :             | LB88853             | Operator :        | Jaswal              |
| Lab Sample ID :         | I4256-02LX5         | Instrumnet Name : | P7                  |
| Client Sample ID :      | MH0CC3L             | Dilution Factor : | 5                   |
| Date & Time Acquired :: | 2017-07-19 14:38:10 | DataFile Name :   | 037SMPL_P7071917 -M |

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|------------|-------|----------|----------|----------|----------|--------|-------|
| Molybdenum | 94-1  | 1533     | 1375     | 1342     | 1417     | 7.23   | cps   |
| Molybdenum | 95-1  | 1208     | 1100     | 1192     | 1167     | 5.00   | cps   |
| Molybdenum | 96-1  | 333      | 408      | 425      | 389      | 12.56  | cps   |
| Molybdenum | 97-1  | 67       | 58       | 100      | 75       | 29.40  | cps   |
| Molybdenum | 98-1  | 133      | 133      | 167      | 144      | 13.32  | cps   |
| Neodymium  | 150-1 | 338658   | 339087   | 334514   | 337420   | 0.75   | cps   |
| Neodymium  | 150-2 | 128497   | 128707   | 128118   | 128441   | 0.23   | cps   |
| Nickel     | 60-2  | 16349    | 16383    | 16406    | 16379    | 0.17   | cps   |
| Phosphorus | 31-2  | 142      | 117      | 117      | 125      | 11.55  | cps   |
| Potassium  | 39-2  | 173847   | 173755   | 176520   | 174707   | 0.90   | cps   |
| Rhodium    | 103-1 | 6900092  | 7035798  | 6845536  | 6927142  | 1.41   | cps   |
| Rhodium    | 103-2 | 3149971  | 3176719  | 3118086  | 3148259  | 0.93   | cps   |
| Scandium   | 45-1  | 4093729  | 4133207  | 3994920  | 4073952  | 1.75   | cps   |
| Scandium   | 45-2  | 179904   | 182226   | 177779   | 179970   | 1.24   | cps   |
| Selenium   | 77-2  | 383      | 373      | 403      | 387      | 3.95   | cps   |
| Selenium   | 78-2  | 306      | 263      | 280      | 283      | 7.59   | cps   |
| Selenium   | 82-1  | 295      | 300      | 241      | 279      | 11.87  | cps   |
| Silicon    | 28-1  | 7665527  | 7674170  | 7774304  | 7704667  | 0.78   | cps   |
| Silver     | 109-1 | 2009     | 1767     | 1642     | 1806     | 10.32  | cps   |
| Silver     | 107-1 | 2250     | 1900     | 1925     | 2025     | 9.64   | cps   |
| Sodium     | 23-2  | 752281   | 751762   | 759218   | 754420   | 0.55   | cps   |
| Strontium  | 86-1  | 175401   | 176253   | 175247   | 175634   | 0.31   | cps   |
| Strontium  | 88-1  | 1541401  | 1535638  | 1536047  | 1537695  | 0.21   | cps   |
| Sulfur     | 34-1  | 1952279  | 1945938  | 1966161  | 1954793  | 0.53   | cps   |
| Terbium    | 159-1 | 10975348 | 11105822 | 10931904 | 11004358 | 0.82   | cps   |
| Terbium    | 159-2 | 5145884  | 5198840  | 5089877  | 5144867  | 1.06   | cps   |
| Thallium   | 203-1 | 275      | 233      | 267      | 258      | 8.53   | cps   |
| Thallium   | 205-1 | 508      | 675      | 508      | 564      | 17.07  | cps   |
| Tin        | 118-1 | 833      | 925      | 808      | 856      | 7.18   | cps   |
| Titanium   | 47-1  | 225      | 350      | 300      | 292      | 21.57  | cps   |
| Uranium    | 238-1 | 562381   | 553932   | 555450   | 557254   | 0.81   | cps   |
| Vanadium   | 51-2  | 50       | 37       | 27       | 38       | 30.98  | cps   |
| Yttrium    | 89-1  | 10831469 | 10968230 | 10834920 | 10878206 | 0.72   | cps   |
| Yttrium    | 89-2  | 1554866  | 1550129  | 1538775  | 1547923  | 0.53   | cps   |
| Zinc       | 66-2  | 2266843  | 2286052  | 2287466  | 2280120  | 0.51   | cps   |
| Zirconium  | 90-1  | 3917     | 3901     | 3576     | 3798     | 5.07   | cps   |

|                         |                     |                   |                     |
|-------------------------|---------------------|-------------------|---------------------|
| LB Number :             | LB88853             | Operator :        | Jaswal              |
| Lab Sample ID :         | I4256-02LX5         | Instrumnet Name : | P7                  |
| Client Sample ID :      | MH0CC3L             | Dilution Factor : | 5                   |
| Date & Time Acquired :: | 2017-07-19 14:38:10 | DataFile Name :   | 037SMPL_P7071917 -M |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|-----------|------|------|------|------|---------|--------|-------|
| Zirconium | 91-1 | 975  | 850  | 892  | 906     | 7.03   | cps   |

|                         |                     |                   |                     |
|-------------------------|---------------------|-------------------|---------------------|
| LB Number :             | LB88853             | Operator :        | Jaswal              |
| Lab Sample ID :         | I4256-04            | Instrumnet Name : | P7                  |
| Client Sample ID :      | MH0CC3S             | Dilution Factor : | 1                   |
| Date & Time Acquired :: | 2017-07-19 14:41:37 | DataFile Name :   | 038SMPL_P7071917 -M |

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|------------|-------|----------|----------|----------|----------|--------|-------|
| Aluminium  | 27-2  | 2588311  | 2574362  | 2530135  | 2564269  | 1.18   | cps   |
| Antimony   | 121-1 | 957552   | 953052   | 941780   | 950794   | 0.85   | cps   |
| Arsenic    | 75-2  | 179597   | 179584   | 177586   | 178922   | 0.65   | cps   |
| Barium     | 135-1 | 4827474  | 4772879  | 4745303  | 4781885  | 0.87   | cps   |
| Barium     | 137-1 | 8347854  | 8376060  | 8312903  | 8345606  | 0.38   | cps   |
| Beryllium  | 9-1   | 65742    | 66568    | 66479    | 66263    | 0.68   | cps   |
| Bismuth    | 209-1 | 7271514  | 7176504  | 7127969  | 7191996  | 1.02   | cps   |
| Bismuth    | 209-2 | 4074680  | 4068533  | 4022322  | 4055178  | 0.71   | cps   |
| Boron      | 10-1  | 1567     | 1450     | 1792     | 1603     | 10.84  | cps   |
| Boron      | 11-1  | 7952     | 7511     | 7952     | 7805     | 3.27   | cps   |
| Cadmium    | 111-1 | 588343   | 589273   | 586552   | 588056   | 0.24   | cps   |
| Cadmium    | 106-1 | 62163    | 61810    | 61609    | 61861    | 0.45   | cps   |
| Cadmium    | 108-1 | 40082    | 39697    | 39877    | 39885    | 0.48   | cps   |
| Calcium    | 43-1  | 2430984  | 2420210  | 2394622  | 2415272  | 0.77   | cps   |
| Calcium    | 44-1  | 39838884 | 39139099 | 38790007 | 39255997 | 1.36   | cps   |
| Chromium   | 52-2  | 436066   | 433380   | 431955   | 433800   | 0.48   | cps   |
| Cobalt     | 59-2  | 2259713  | 2252321  | 2218560  | 2243531  | 0.98   | cps   |
| Copper     | 63-2  | 4883162  | 4883531  | 4839661  | 4868785  | 0.52   | cps   |
| Dysprosium | 156-1 | 1231559  | 1228299  | 1236447  | 1232102  | 0.33   | cps   |
| Dysprosium | 156-2 | 599305   | 598358   | 587632   | 595098   | 1.09   | cps   |
| Erbium     | 164-1 | 1173038  | 1163853  | 1171454  | 1169448  | 0.42   | cps   |
| Erbium     | 164-2 | 544271   | 545003   | 534568   | 541280   | 1.08   | cps   |
| Gadolinium | 160-1 | 1375575  | 1351512  | 1365715  | 1364267  | 0.89   | cps   |
| Gadolinium | 160-2 | 707641   | 703511   | 695042   | 702065   | 0.91   | cps   |
| Holmium    | 165-1 | 12034949 | 11602058 | 11654628 | 11763878 | 2.01   | cps   |
| Holmium    | 165-2 | 5638048  | 5651806  | 5546836  | 5612230  | 1.02   | cps   |
| Indium     | 115-1 | 8251039  | 8217748  | 8089847  | 8186211  | 1.04   | cps   |
| Indium     | 115-2 | 1529554  | 1528025  | 1508118  | 1521899  | 0.79   | cps   |
| Iron       | 56-2  | 16031826 | 15918811 | 15678162 | 15876267 | 1.14   | cps   |
| Iron       | 57-2  | 401087   | 399098   | 394407   | 398197   | 0.86   | cps   |
| Lead       | 206-1 | 1175321  | 1164279  | 1157571  | 1165724  | 0.77   | cps   |
| Lead       | 207-1 | 1026326  | 1006685  | 1004043  | 1012351  | 1.20   | cps   |
| Lead       | 208-1 | 4728207  | 4660894  | 4627676  | 4672259  | 1.10   | cps   |
| Lithium    | 6-1   | 1237278  | 1220083  | 1211840  | 1223067  | 1.06   | cps   |
| Magnesium  | 24-2  | 6777414  | 6831326  | 6620535  | 6743092  | 1.62   | cps   |
| Manganese  | 55-2  | 78200191 | 77618786 | 76970786 | 77596587 | 0.79   | cps   |

|                         |                     |                   |                     |
|-------------------------|---------------------|-------------------|---------------------|
| LB Number :             | LB88853             | Operator :        | Jaswal              |
| Lab Sample ID :         | I4256-04            | Instrumnet Name : | P7                  |
| Client Sample ID :      | MH0CC3S             | Dilution Factor : | 1                   |
| Date & Time Acquired :: | 2017-07-19 14:41:37 | DataFile Name :   | 038SMPL_P7071917 -M |

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|------------|-------|----------|----------|----------|----------|--------|-------|
| Molybdenum | 94-1  | 6227     | 5910     | 6202     | 6113     | 2.88   | cps   |
| Molybdenum | 95-1  | 6002     | 5918     | 6068     | 5996     | 1.25   | cps   |
| Molybdenum | 96-1  | 1475     | 1617     | 1575     | 1556     | 4.68   | cps   |
| Molybdenum | 97-1  | 83       | 117      | 117      | 106      | 18.23  | cps   |
| Molybdenum | 98-1  | 583      | 467      | 617      | 556      | 14.18  | cps   |
| Neodymium  | 150-1 | 1806044  | 1813253  | 1798632  | 1805976  | 0.40   | cps   |
| Neodymium  | 150-2 | 667509   | 664066   | 655370   | 662315   | 0.94   | cps   |
| Nickel     | 60-2  | 547010   | 545748   | 539550   | 544103   | 0.73   | cps   |
| Phosphorus | 31-2  | 342      | 342      | 258      | 314      | 15.33  | cps   |
| Potassium  | 39-2  | 783363   | 787067   | 775970   | 782133   | 0.72   | cps   |
| Rhodium    | 103-1 | 7133611  | 6951571  | 6997641  | 7027608  | 1.35   | cps   |
| Rhodium    | 103-2 | 3155328  | 3137002  | 3095646  | 3129325  | 0.98   | cps   |
| Scandium   | 45-1  | 4372236  | 4326246  | 4293763  | 4330748  | 0.91   | cps   |
| Scandium   | 45-2  | 184091   | 184515   | 180379   | 182995   | 1.24   | cps   |
| Selenium   | 77-2  | 2694     | 2514     | 2627     | 2611     | 3.49   | cps   |
| Selenium   | 78-2  | 3058     | 3206     | 3041     | 3102     | 2.93   | cps   |
| Selenium   | 82-1  | 14586    | 14336    | 14617    | 14513    | 1.06   | cps   |
| Silicon    | 28-1  | 40017786 | 39478786 | 39136613 | 39544395 | 1.12   | cps   |
| Silver     | 109-1 | 459975   | 454179   | 452360   | 455505   | 0.87   | cps   |
| Silver     | 107-1 | 482886   | 469872   | 473582   | 475447   | 1.41   | cps   |
| Sodium     | 23-2  | 3842768  | 3836992  | 3772640  | 3817467  | 1.02   | cps   |
| Strontium  | 86-1  | 941418   | 932874   | 923557   | 932616   | 0.96   | cps   |
| Strontium  | 88-1  | 8315224  | 8256237  | 8169314  | 8246925  | 0.89   | cps   |
| Sulfur     | 34-1  | 8313102  | 8270170  | 8235466  | 8272913  | 0.47   | cps   |
| Terbium    | 159-1 | 12110873 | 11973518 | 12130202 | 12071531 | 0.71   | cps   |
| Terbium    | 159-2 | 5559845  | 5581024  | 5486800  | 5542556  | 0.89   | cps   |
| Thallium   | 203-1 | 480135   | 472042   | 472104   | 474761   | 0.98   | cps   |
| Thallium   | 205-1 | 1150000  | 1136086  | 1131445  | 1139177  | 0.85   | cps   |
| Tin        | 118-1 | 817      | 900      | 917      | 878      | 6.10   | cps   |
| Titanium   | 47-1  | 1225     | 1342     | 1175     | 1247     | 6.86   | cps   |
| Uranium    | 238-1 | 3047208  | 3033027  | 3013615  | 3031283  | 0.56   | cps   |
| Vanadium   | 51-2  | 907437   | 899799   | 886586   | 897941   | 1.17   | cps   |
| Yttrium    | 89-1  | 24277761 | 24210057 | 24025970 | 24171263 | 0.54   | cps   |
| Yttrium    | 89-2  | 3387007  | 3378829  | 3334728  | 3366855  | 0.84   | cps   |
| Zinc       | 66-2  | 11787270 | 11732811 | 11567569 | 11695883 | 0.98   | cps   |
| Zirconium  | 90-1  | 16577    | 16452    | 16710    | 16580    | 0.78   | cps   |

|                         |                     |                   |                     |
|-------------------------|---------------------|-------------------|---------------------|
| LB Number :             | LB88853             | Operator :        | Jaswal              |
| Lab Sample ID :         | I4256-04            | Instrumnet Name : | P7                  |
| Client Sample ID :      | MH0CC3S             | Dilution Factor : | 1                   |
| Date & Time Acquired :: | 2017-07-19 14:41:37 | DataFile Name :   | 038SMPL_P7071917 -M |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|-----------|------|------|------|------|---------|--------|-------|
| Zirconium | 91-1 | 4293 | 4209 | 3734 | 4079    | 7.39   | cps   |



LB Number : LB88853 Operator : Jaswal  
 Lab Sample ID : I4256-05 Instrumnet Name : P7  
 Client Sample ID : MH0CC5 Dilution Factor : 1  
 Date & Time Acquired :: 2017-07-19 14:45:00 DataFile Name : 039SMPL\_P7071917 -M

| Parameter  | Mass  | CPS1      | CPS2      | CPS3      | CPSMean   | CPSRSD | Units |
|------------|-------|-----------|-----------|-----------|-----------|--------|-------|
| Aluminium  | 27-2  | 1162890   | 1159948   | 1146448   | 1156429   | 0.76   | cps   |
| Antimony   | 121-1 | 18221     | 18621     | 18363     | 18402     | 1.10   | cps   |
| Arsenic    | 75-2  | 306144    | 306760    | 302680    | 305195    | 0.72   | cps   |
| Barium     | 135-1 | 8278      | 8411      | 9245      | 8645      | 6.06   | cps   |
| Barium     | 137-1 | 14792     | 14283     | 14984     | 14686     | 2.47   | cps   |
| Beryllium  | 9-1   | 13273     | 12644     | 12906     | 12941     | 2.44   | cps   |
| Bismuth    | 209-1 | 6845443   | 6771875   | 6788388   | 6801902   | 0.57   | cps   |
| Bismuth    | 209-2 | 3741806   | 3748043   | 3753134   | 3747661   | 0.15   | cps   |
| Boron      | 10-1  | 6777      | 7152      | 6643      | 6857      | 3.85   | cps   |
| Boron      | 11-1  | 33329     | 35476     | 34783     | 34529     | 3.17   | cps   |
| Cadmium    | 111-1 | 1719805   | 1705436   | 1697115   | 1707452   | 0.67   | cps   |
| Cadmium    | 106-1 | 171979    | 170969    | 170532    | 171160    | 0.43   | cps   |
| Cadmium    | 108-1 | 121065    | 118246    | 118805    | 119372    | 1.25   | cps   |
| Calcium    | 43-1  | 9512920   | 9528058   | 9439559   | 9493512   | 0.50   | cps   |
| Calcium    | 44-1  | 155812999 | 153966416 | 152802908 | 154194108 | 0.98   | cps   |
| Chromium   | 52-2  | 9123      | 9103      | 9283      | 9170      | 1.08   | cps   |
| Cobalt     | 59-2  | 4736824   | 4752426   | 4727347   | 4738866   | 0.27   | cps   |
| Copper     | 63-2  | 13454284  | 13370762  | 13430994  | 13418680  | 0.32   | cps   |
| Dysprosium | 156-1 | 1469768   | 1465037   | 1474841   | 1469882   | 0.33   | cps   |
| Dysprosium | 156-2 | 689363    | 690286    | 691425    | 690358    | 0.15   | cps   |
| Erbium     | 164-1 | 1467049   | 1450355   | 1445845   | 1454416   | 0.77   | cps   |
| Erbium     | 164-2 | 668763    | 672499    | 664650    | 668637    | 0.59   | cps   |
| Gadolinium | 160-1 | 1561182   | 1564180   | 1549397   | 1558253   | 0.50   | cps   |
| Gadolinium | 160-2 | 801640    | 799807    | 799942    | 800463    | 0.13   | cps   |
| Holmium    | 165-1 | 11708452  | 11574104  | 11517322  | 11599959  | 0.85   | cps   |
| Holmium    | 165-2 | 5519937   | 5522095   | 5493476   | 5511836   | 0.29   | cps   |
| Indium     | 115-1 | 7792168   | 7700377   | 7662079   | 7718208   | 0.87   | cps   |
| Indium     | 115-2 | 1419650   | 1440474   | 1423343   | 1427823   | 0.78   | cps   |
| Iron       | 56-2  | 234498161 | 236206094 | 233054127 | 234586127 | 0.67   | cps   |
| Iron       | 57-2  | 5892355   | 5918520   | 5872019   | 5894298   | 0.40   | cps   |
| Lead       | 206-1 | 25286     | 24178     | 24874     | 24779     | 2.26   | cps   |
| Lead       | 207-1 | 21607     | 22442     | 21746     | 21932     | 2.04   | cps   |
| Lead       | 208-1 | 100702    | 100078    | 101427    | 100736    | 0.67   | cps   |
| Lithium    | 6-1   | 1175826   | 1159580   | 1148261   | 1161223   | 1.19   | cps   |
| Magnesium  | 24-2  | 24565972  | 24419684  | 24288698  | 24424785  | 0.57   | cps   |
| Manganese  | 55-2  | 266135603 | 267586489 | 264841376 | 266187823 | 0.52   | cps   |

|                         |                     |                   |                     |
|-------------------------|---------------------|-------------------|---------------------|
| LB Number :             | LB88853             | Operator :        | Jaswal              |
| Lab Sample ID :         | I4256-05            | Instrumnet Name : | P7                  |
| Client Sample ID :      | MH0CC5              | Dilution Factor : | 1                   |
| Date & Time Acquired :: | 2017-07-19 14:45:00 | DataFile Name :   | 039SMPL_P7071917 -M |

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|------------|-------|----------|----------|----------|----------|--------|-------|
| Molybdenum | 94-1  | 5293     | 5034     | 4684     | 5004     | 6.10   | cps   |
| Molybdenum | 95-1  | 19489    | 19447    | 19080    | 19339    | 1.16   | cps   |
| Molybdenum | 96-1  | 6277     | 5860     | 5601     | 5913     | 5.76   | cps   |
| Molybdenum | 97-1  | 400      | 317      | 408      | 375      | 13.52  | cps   |
| Molybdenum | 98-1  | 883      | 875      | 875      | 878      | 0.55   | cps   |
| Neodymium  | 150-1 | 1921225  | 1897672  | 1894781  | 1904559  | 0.76   | cps   |
| Neodymium  | 150-2 | 698798   | 700350   | 692483   | 697210   | 0.60   | cps   |
| Nickel     | 60-2  | 378657   | 380140   | 378662   | 379153   | 0.23   | cps   |
| Phosphorus | 31-2  | 142      | 117      | 233      | 164      | 37.48  | cps   |
| Potassium  | 39-2  | 2162037  | 2157726  | 2142304  | 2154022  | 0.48   | cps   |
| Rhodium    | 103-1 | 6505991  | 6447692  | 6447460  | 6467047  | 0.52   | cps   |
| Rhodium    | 103-2 | 2888494  | 2912718  | 2900865  | 2900692  | 0.42   | cps   |
| Scandium   | 45-1  | 4132508  | 4078351  | 4033576  | 4081478  | 1.21   | cps   |
| Scandium   | 45-2  | 173138   | 172035   | 169655   | 171609   | 1.04   | cps   |
| Selenium   | 77-2  | 2200     | 2207     | 2170     | 2192     | 0.89   | cps   |
| Selenium   | 78-2  | 1257     | 1322     | 1280     | 1286     | 2.56   | cps   |
| Selenium   | 82-1  | 1729     | 1798     | 1728     | 1752     | 2.27   | cps   |
| Silicon    | 28-1  | 48302924 | 47963714 | 47635849 | 47967496 | 0.70   | cps   |
| Silver     | 109-1 | 5676     | 6235     | 5668     | 5860     | 5.55   | cps   |
| Silver     | 107-1 | 8369     | 8887     | 8219     | 8492     | 4.12   | cps   |
| Sodium     | 23-2  | 14243775 | 14170033 | 14065989 | 14159932 | 0.63   | cps   |
| Strontium  | 86-1  | 4692685  | 4663369  | 4641661  | 4665905  | 0.55   | cps   |
| Strontium  | 88-1  | 40768818 | 40800962 | 40335807 | 40635196 | 0.64   | cps   |
| Sulfur     | 34-1  | 24723341 | 24593193 | 24433021 | 24583185 | 0.59   | cps   |
| Terbium    | 159-1 | 11929302 | 11856319 | 11838897 | 11874840 | 0.40   | cps   |
| Terbium    | 159-2 | 5412430  | 5418280  | 5415198  | 5415303  | 0.05   | cps   |
| Thallium   | 203-1 | 4468     | 4634     | 4193     | 4432     | 5.03   | cps   |
| Thallium   | 205-1 | 11939    | 11497    | 11122    | 11519    | 3.55   | cps   |
| Tin        | 118-1 | 742      | 758      | 775      | 758      | 2.20   | cps   |
| Titanium   | 47-1  | 1275     | 1083     | 1083     | 1147     | 9.65   | cps   |
| Uranium    | 238-1 | 3157286  | 3155627  | 3143432  | 3152115  | 0.24   | cps   |
| Vanadium   | 51-2  | 517      | 520      | 610      | 549      | 9.65   | cps   |
| Yttrium    | 89-1  | 29969710 | 30015018 | 29589405 | 29858044 | 0.78   | cps   |
| Yttrium    | 89-2  | 4155543  | 4187229  | 4138842  | 4160538  | 0.59   | cps   |
| Zinc       | 66-2  | 55916529 | 56121051 | 55471478 | 55836353 | 0.59   | cps   |
| Zirconium  | 90-1  | 13432    | 12773    | 12322    | 12842    | 4.35   | cps   |

|                         |                     |                   |                     |
|-------------------------|---------------------|-------------------|---------------------|
| LB Number :             | LB88853             | Operator :        | Jaswal              |
| Lab Sample ID :         | I4256-05            | Instrumnet Name : | P7                  |
| Client Sample ID :      | MH0CC5              | Dilution Factor : | 1                   |
| Date & Time Acquired :: | 2017-07-19 14:45:00 | DataFile Name :   | 039SMPL_P7071917 -M |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|-----------|------|------|------|------|---------|--------|-------|
| Zirconium | 91-1 | 3617 | 3792 | 3484 | 3631    | 4.26   | cps   |

|                         |                     |                   |                     |
|-------------------------|---------------------|-------------------|---------------------|
| LB Number :             | LB88853             | Operator :        | Jaswal              |
| Lab Sample ID :         | I4255-01DL3X500     | Instrumnet Name : | P7                  |
| Client Sample ID :      | MH0CC0              | Dilution Factor : | 500                 |
| Date & Time Acquired :: | 2017-07-19 14:48:30 | DataFile Name :   | 040SMPL_P7071917 -M |

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|------------|-------|----------|----------|----------|----------|--------|-------|
| Aluminium  | 27-2  | 83       | 50       | 75       | 69       | 24.98  | cps   |
| Antimony   | 121-1 | 267      | 317      | 242      | 275      | 13.89  | cps   |
| Arsenic    | 75-2  | 107      | 131      | 119      | 119      | 10.11  | cps   |
| Barium     | 135-1 | 267      | 408      | 358      | 344      | 20.86  | cps   |
| Barium     | 137-1 | 650      | 625      | 725      | 667      | 7.81   | cps   |
| Beryllium  | 9-1   | 167      | 194      | 183      | 181      | 7.70   | cps   |
| Bismuth    | 209-1 | 7050170  | 7296095  | 6920504  | 7088923  | 2.69   | cps   |
| Bismuth    | 209-2 | 3980204  | 4014882  | 3843178  | 3946088  | 2.30   | cps   |
| Boron      | 10-1  | 542      | 608      | 525      | 558      | 7.90   | cps   |
| Boron      | 11-1  | 3075     | 2834     | 2875     | 2928     | 4.41   | cps   |
| Cadmium    | 111-1 | 2062     | 1969     | 1839     | 1956     | 5.73   | cps   |
| Cadmium    | 106-1 | 2859     | 2709     | 2609     | 2725     | 4.62   | cps   |
| Cadmium    | 108-1 | 8        | 33       | 42       | 28       | 62.46  | cps   |
| Calcium    | 43-1  | 9478     | 9754     | 9003     | 9412     | 4.03   | cps   |
| Calcium    | 44-1  | 157287   | 157808   | 158718   | 157938   | 0.46   | cps   |
| Chromium   | 52-2  | 450      | 387      | 473      | 437      | 10.27  | cps   |
| Cobalt     | 59-2  | 687      | 700      | 793      | 727      | 8.00   | cps   |
| Copper     | 63-2  | 2084     | 2074     | 1950     | 2036     | 3.65   | cps   |
| Dysprosium | 156-1 | 33       | 42       | 50       | 42       | 20.00  | cps   |
| Dysprosium | 156-2 | 23       | 17       | 10       | 17       | 39.99  | cps   |
| Erbium     | 164-1 | 50       | 92       | 75       | 72       | 29.04  | cps   |
| Erbium     | 164-2 | 10       | 20       | 10       | 13       | 43.30  | cps   |
| Gadolinium | 160-1 | 125      | 92       | 100      | 106      | 16.44  | cps   |
| Gadolinium | 160-2 | 77       | 113      | 97       | 96       | 19.21  | cps   |
| Holmium    | 165-1 | 10439598 | 10692636 | 10223466 | 10451900 | 2.25   | cps   |
| Holmium    | 165-2 | 4992038  | 5025721  | 4841124  | 4952961  | 1.98   | cps   |
| Indium     | 115-1 | 7849585  | 8036294  | 7640265  | 7842048  | 2.53   | cps   |
| Indium     | 115-2 | 1478681  | 1481065  | 1427196  | 1462314  | 2.08   | cps   |
| Iron       | 56-2  | 24838    | 24733    | 24632    | 24734    | 0.42   | cps   |
| Iron       | 57-2  | 678      | 717      | 744      | 713      | 4.70   | cps   |
| Lead       | 206-1 | 878      | 895      | 950      | 907      | 4.17   | cps   |
| Lead       | 207-1 | 728      | 806      | 767      | 767      | 5.07   | cps   |
| Lead       | 208-1 | 3767     | 3667     | 3761     | 3732     | 1.51   | cps   |
| Lithium    | 6-1   | 1102364  | 1111967  | 1082948  | 1099093  | 1.35   | cps   |
| Magnesium  | 24-2  | 13790    | 13932    | 14583    | 14102    | 3.00   | cps   |
| Manganese  | 55-2  | 155282   | 154595   | 153750   | 154542   | 0.50   | cps   |

|                         |                     |                   |                     |
|-------------------------|---------------------|-------------------|---------------------|
| LB Number :             | LB88853             | Operator :        | Jaswal              |
| Lab Sample ID :         | I4255-01DL3X500     | Instrumnet Name : | P7                  |
| Client Sample ID :      | MH0CC0              | Dilution Factor : | 500                 |
| Date & Time Acquired :: | 2017-07-19 14:48:30 | DataFile Name :   | 040SMPL_P7071917 -M |

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|------------|-------|----------|----------|----------|----------|--------|-------|
| Molybdenum | 94-1  | 167      | 217      | 175      | 186      | 14.39  | cps   |
| Molybdenum | 95-1  | 67       | 83       | 58       | 69       | 18.33  | cps   |
| Molybdenum | 96-1  | 108      | 100      | 108      | 106      | 4.56   | cps   |
| Molybdenum | 97-1  | 25       | 58       | 33       | 39       | 44.62  | cps   |
| Molybdenum | 98-1  | 42       | 42       | 83       | 56       | 43.30  | cps   |
| Neodymium  | 150-1 | 40       | 93       | 40       | 58       | 53.30  | cps   |
| Neodymium  | 150-2 | 7        | 3        | 7        | 6        | 34.70  | cps   |
| Nickel     | 60-2  | 547      | 630      | 603      | 593      | 7.17   | cps   |
| Phosphorus | 31-2  | 117      | 67       | 158      | 114      | 40.30  | cps   |
| Potassium  | 39-2  | 28971    | 29555    | 28069    | 28865    | 2.59   | cps   |
| Rhodium    | 103-1 | 6887936  | 6947440  | 6728219  | 6854532  | 1.65   | cps   |
| Rhodium    | 103-2 | 3117035  | 3114994  | 3003835  | 3078621  | 2.10   | cps   |
| Scandium   | 45-1  | 3908734  | 4032561  | 3822730  | 3921342  | 2.69   | cps   |
| Scandium   | 45-2  | 174740   | 174733   | 165856   | 171777   | 2.98   | cps   |
| Selenium   | 77-2  | 3        | 0        | 0        | 1        | 173.21 | cps   |
| Selenium   | 78-2  | 59       | 50       | 48       | 52       | 11.34  | cps   |
| Selenium   | 82-1  | -31      | 122      | 0        | 31       | 263.31 | cps   |
| Silicon    | 28-1  | 329494   | 327483   | 323502   | 326826   | 0.93   | cps   |
| Silver     | 109-1 | 783      | 767      | 792      | 781      | 1.63   | cps   |
| Silver     | 107-1 | 775      | 842      | 783      | 800      | 4.54   | cps   |
| Sodium     | 23-2  | 27626    | 25723    | 26391    | 26580    | 3.63   | cps   |
| Strontium  | 86-1  | 4201     | 4409     | 4476     | 4362     | 3.29   | cps   |
| Strontium  | 88-1  | 30901    | 30684    | 30809    | 30798    | 0.35   | cps   |
| Sulfur     | 34-1  | 223006   | 221430   | 224017   | 222817   | 0.59   | cps   |
| Terbium    | 159-1 | 10825291 | 10924991 | 10472691 | 10740991 | 2.21   | cps   |
| Terbium    | 159-2 | 4973856  | 4953197  | 4782331  | 4903128  | 2.14   | cps   |
| Thallium   | 203-1 | 117      | 167      | 67       | 117      | 42.86  | cps   |
| Thallium   | 205-1 | 350      | 242      | 292      | 294      | 18.41  | cps   |
| Tin        | 118-1 | 825      | 892      | 5535     | 2417     | 111.71 | cps   |
| Titanium   | 47-1  | 108      | 142      | 150      | 133      | 16.54  | cps   |
| Uranium    | 238-1 | 217      | 183      | 225      | 208      | 10.58  | cps   |
| Vanadium   | 51-2  | 23       | 20       | 27       | 23       | 14.29  | cps   |
| Yttrium    | 89-1  | 7772902  | 7921623  | 7591237  | 7761920  | 2.13   | cps   |
| Yttrium    | 89-2  | 1091978  | 1091466  | 1049899  | 1077781  | 2.24   | cps   |
| Zinc       | 66-2  | 7159     | 6975     | 6852     | 6995     | 2.21   | cps   |
| Zirconium  | 90-1  | 550      | 458      | 442      | 483      | 12.07  | cps   |

|                         |                     |                   |                     |
|-------------------------|---------------------|-------------------|---------------------|
| LB Number :             | LB88853             | Operator :        | Jaswal              |
| Lab Sample ID :         | I4255-01DL3X500     | Instrumnet Name : | P7                  |
| Client Sample ID :      | MH0CC0              | Dilution Factor : | 500                 |
| Date & Time Acquired :: | 2017-07-19 14:48:30 | DataFile Name :   | 040SMPL_P7071917 -M |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|-----------|------|------|------|------|---------|--------|-------|
| Zirconium | 91-1 | 92   | 133  | 42   | 89      | 51.63  | cps   |

|                         |                     |                   |                     |
|-------------------------|---------------------|-------------------|---------------------|
| LB Number :             | LB88853             | Operator :        | Jaswal              |
| Lab Sample ID :         | I4255-02DL3X500     | Instrumnet Name : | P7                  |
| Client Sample ID :      | MH0CC1              | Dilution Factor : | 500                 |
| Date & Time Acquired :: | 2017-07-19 14:51:58 | DataFile Name :   | 041SMPL_P7071917 -M |

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|------------|-------|----------|----------|----------|----------|--------|-------|
| Aluminium  | 27-2  | 2009     | 1884     | 2259     | 2050     | 9.32   | cps   |
| Antimony   | 121-1 | 192      | 317      | 300      | 269      | 25.19  | cps   |
| Arsenic    | 75-2  | 181      | 165      | 141      | 162      | 12.62  | cps   |
| Barium     | 135-1 | 83       | 125      | 83       | 97       | 24.74  | cps   |
| Barium     | 137-1 | 133      | 217      | 150      | 167      | 26.46  | cps   |
| Beryllium  | 9-1   | 128      | 122      | 133      | 128      | 4.35   | cps   |
| Bismuth    | 209-1 | 6987769  | 7317845  | 6883050  | 7062888  | 3.21   | cps   |
| Bismuth    | 209-2 | 3779564  | 3847447  | 3731882  | 3786298  | 1.53   | cps   |
| Boron      | 10-1  | 333      | 317      | 367      | 339      | 7.51   | cps   |
| Boron      | 11-1  | 1583     | 1775     | 1934     | 1764     | 9.94   | cps   |
| Cadmium    | 111-1 | 3704     | 4086     | 3611     | 3800     | 6.62   | cps   |
| Cadmium    | 106-1 | 2809     | 3259     | 2542     | 2870     | 12.62  | cps   |
| Cadmium    | 108-1 | 167      | 154      | 133      | 151      | 11.12  | cps   |
| Calcium    | 43-1  | 10521    | 10254    | 10371    | 10382    | 1.29   | cps   |
| Calcium    | 44-1  | 167917   | 164859   | 161557   | 164777   | 1.93   | cps   |
| Chromium   | 52-2  | 500      | 357      | 447      | 434      | 16.68  | cps   |
| Cobalt     | 59-2  | 4577     | 4734     | 4561     | 4624     | 2.07   | cps   |
| Copper     | 63-2  | 20328    | 21035    | 20982    | 20782    | 1.90   | cps   |
| Dysprosium | 156-1 | 2475     | 2250     | 2050     | 2259     | 9.42   | cps   |
| Dysprosium | 156-2 | 917      | 1077     | 1000     | 998      | 8.02   | cps   |
| Erbium     | 164-1 | 2275     | 2334     | 1967     | 2192     | 8.99   | cps   |
| Erbium     | 164-2 | 970      | 947      | 963      | 960      | 1.25   | cps   |
| Gadolinium | 160-1 | 2275     | 2434     | 2450     | 2386     | 4.05   | cps   |
| Gadolinium | 160-2 | 1263     | 1163     | 1227     | 1218     | 4.15   | cps   |
| Holmium    | 165-1 | 10321838 | 10717542 | 10322230 | 10453870 | 2.18   | cps   |
| Holmium    | 165-2 | 4768827  | 4791797  | 4684489  | 4748371  | 1.19   | cps   |
| Indium     | 115-1 | 7743278  | 8056698  | 7614536  | 7804837  | 2.91   | cps   |
| Indium     | 115-2 | 1402091  | 1413352  | 1384211  | 1399885  | 1.05   | cps   |
| Iron       | 56-2  | 94955    | 95694    | 95386    | 95345    | 0.39   | cps   |
| Iron       | 57-2  | 2650     | 2500     | 2628     | 2593     | 3.12   | cps   |
| Lead       | 206-1 | 1528     | 1595     | 1489     | 1537     | 3.47   | cps   |
| Lead       | 207-1 | 1439     | 1395     | 1283     | 1372     | 5.84   | cps   |
| Lead       | 208-1 | 6440     | 6190     | 6023     | 6217     | 3.37   | cps   |
| Lithium    | 6-1   | 1106248  | 1133286  | 1091869  | 1110468  | 1.89   | cps   |
| Magnesium  | 24-2  | 25356    | 25773    | 25063    | 25397    | 1.40   | cps   |
| Manganese  | 55-2  | 284343   | 284526   | 286956   | 285275   | 0.51   | cps   |

|                         |                     |                   |                     |
|-------------------------|---------------------|-------------------|---------------------|
| LB Number :             | LB88853             | Operator :        | Jaswal              |
| Lab Sample ID :         | I4255-02DL3X500     | Instrumnet Name : | P7                  |
| Client Sample ID :      | MH0CC1              | Dilution Factor : | 500                 |
| Date & Time Acquired :: | 2017-07-19 14:51:58 | DataFile Name :   | 041SMPL_P7071917 -M |

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|------------|-------|----------|----------|----------|----------|--------|-------|
| Molybdenum | 94-1  | 83       | 175      | 150      | 136      | 34.81  | cps   |
| Molybdenum | 95-1  | 33       | 17       | 117      | 56       | 96.44  | cps   |
| Molybdenum | 96-1  | 108      | 67       | 125      | 100      | 30.05  | cps   |
| Molybdenum | 97-1  | 8        | 75       | 67       | 50       | 72.65  | cps   |
| Molybdenum | 98-1  | 108      | 67       | 67       | 81       | 29.86  | cps   |
| Neodymium  | 150-1 | 2914     | 2800     | 2914     | 2876     | 2.28   | cps   |
| Neodymium  | 150-2 | 1090     | 1040     | 1017     | 1049     | 3.57   | cps   |
| Nickel     | 60-2  | 987      | 990      | 857      | 944      | 8.05   | cps   |
| Phosphorus | 31-2  | 125      | 133      | 67       | 108      | 33.53  | cps   |
| Potassium  | 39-2  | 29589    | 30332    | 29079    | 29667    | 2.12   | cps   |
| Rhodium    | 103-1 | 6767187  | 7082699  | 6772710  | 6874199  | 2.63   | cps   |
| Rhodium    | 103-2 | 2961061  | 2958140  | 2908893  | 2942698  | 1.00   | cps   |
| Scandium   | 45-1  | 3882540  | 4078574  | 3843242  | 3934786  | 3.20   | cps   |
| Scandium   | 45-2  | 164949   | 167262   | 161246   | 164486   | 1.85   | cps   |
| Selenium   | 77-2  | 0        | 0        | 0        | 0        | 0.00   | cps   |
| Selenium   | 78-2  | 69       | 65       | 52       | 62       | 14.18  | cps   |
| Selenium   | 82-1  | -71      | 95       | 15       | 13       | 646.23 | cps   |
| Silicon    | 28-1  | 314588   | 319557   | 315663   | 316603   | 0.83   | cps   |
| Silver     | 109-1 | 567      | 575      | 575      | 572      | 0.84   | cps   |
| Silver     | 107-1 | 717      | 542      | 517      | 592      | 18.42  | cps   |
| Sodium     | 23-2  | 30599    | 30908    | 30682    | 30730    | 0.52   | cps   |
| Strontium  | 86-1  | 5335     | 5685     | 5643     | 5554     | 3.44   | cps   |
| Strontium  | 88-1  | 40032    | 40182    | 40466    | 40227    | 0.55   | cps   |
| Sulfur     | 34-1  | 245992   | 244280   | 246414   | 245562   | 0.46   | cps   |
| Terbium    | 159-1 | 10658165 | 11003002 | 10600277 | 10753814 | 2.02   | cps   |
| Terbium    | 159-2 | 4683760  | 4721469  | 4607609  | 4670946  | 1.24   | cps   |
| Thallium   | 203-1 | 167      | 92       | 117      | 125      | 30.55  | cps   |
| Thallium   | 205-1 | 317      | 375      | 400      | 364      | 11.75  | cps   |
| Tin        | 118-1 | 875      | 1125     | 908      | 970      | 14.00  | cps   |
| Titanium   | 47-1  | 117      | 175      | 117      | 136      | 24.75  | cps   |
| Uranium    | 238-1 | 5785     | 5393     | 5852     | 5677     | 4.36   | cps   |
| Vanadium   | 51-2  | 10       | 10       | 10       | 10       | 0.00   | cps   |
| Yttrium    | 89-1  | 7690785  | 7964785  | 7595773  | 7750448  | 2.47   | cps   |
| Yttrium    | 89-2  | 1031008  | 1039058  | 1023055  | 1031040  | 0.78   | cps   |
| Zinc       | 66-2  | 63102    | 63209    | 65021    | 63778    | 1.69   | cps   |
| Zirconium  | 90-1  | 483      | 400      | 483      | 456      | 10.56  | cps   |



|                         |                     |                   |                     |
|-------------------------|---------------------|-------------------|---------------------|
| LB Number :             | LB88853             | Operator :        | Jaswal              |
| Lab Sample ID :         | I4255-02DL3X500     | Instrumnet Name : | P7                  |
| Client Sample ID :      | MH0CC1              | Dilution Factor : | 500                 |
| Date & Time Acquired :: | 2017-07-19 14:51:58 | DataFile Name :   | 041SMPL_P7071917 -M |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|-----------|------|------|------|------|---------|--------|-------|
| Zirconium | 91-1 | 92   | 58   | 125  | 92      | 36.36  | cps   |

|                         |                     |                   |                     |
|-------------------------|---------------------|-------------------|---------------------|
| LB Number :             | LB88853             | Operator :        | Jaswal              |
| Lab Sample ID :         | I4255-03DL3X500     | Instrumnet Name : | P7                  |
| Client Sample ID :      | MH0CC4              | Dilution Factor : | 500                 |
| Date & Time Acquired :: | 2017-07-19 14:55:26 | DataFile Name :   | 042SMPL_P7071917 -M |

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|------------|-------|----------|----------|----------|----------|--------|-------|
| Aluminium  | 27-2  | 4484     | 4192     | 4618     | 4431     | 4.91   | cps   |
| Antimony   | 121-1 | 242      | 375      | 317      | 311      | 21.48  | cps   |
| Arsenic    | 75-2  | 365      | 339      | 365      | 356      | 4.20   | cps   |
| Barium     | 135-1 | 108      | 58       | 92       | 86       | 29.56  | cps   |
| Barium     | 137-1 | 117      | 167      | 125      | 136      | 19.68  | cps   |
| Beryllium  | 9-1   | 272      | 178      | 106      | 185      | 45.13  | cps   |
| Bismuth    | 209-1 | 7077478  | 7202049  | 7255889  | 7178472  | 1.27   | cps   |
| Bismuth    | 209-2 | 3842105  | 3608055  | 3780333  | 3743497  | 3.24   | cps   |
| Boron      | 10-1  | 258      | 267      | 242      | 256      | 4.98   | cps   |
| Boron      | 11-1  | 1625     | 1483     | 1458     | 1522     | 5.91   | cps   |
| Cadmium    | 111-1 | 2814     | 2776     | 2867     | 2819     | 1.63   | cps   |
| Cadmium    | 106-1 | 2834     | 2800     | 2959     | 2864     | 2.91   | cps   |
| Cadmium    | 108-1 | 88       | 79       | 71       | 79       | 10.52  | cps   |
| Calcium    | 43-1  | 4726     | 4501     | 4809     | 4679     | 3.41   | cps   |
| Calcium    | 44-1  | 78910    | 80150    | 80025    | 79695    | 0.86   | cps   |
| Chromium   | 52-2  | 497      | 407      | 420      | 441      | 11.01  | cps   |
| Cobalt     | 59-2  | 940      | 1027     | 1020     | 996      | 4.84   | cps   |
| Copper     | 63-2  | 9140     | 8689     | 8789     | 8873     | 2.66   | cps   |
| Dysprosium | 156-1 | 2309     | 2109     | 2234     | 2217     | 4.56   | cps   |
| Dysprosium | 156-2 | 1050     | 1027     | 983      | 1020     | 3.32   | cps   |
| Erbium     | 164-1 | 2125     | 1925     | 2050     | 2034     | 4.97   | cps   |
| Erbium     | 164-2 | 1033     | 1000     | 957      | 997      | 3.86   | cps   |
| Gadolinium | 160-1 | 2484     | 2600     | 2534     | 2539     | 2.31   | cps   |
| Gadolinium | 160-2 | 1287     | 1353     | 1197     | 1279     | 6.15   | cps   |
| Holmium    | 165-1 | 10428254 | 10560887 | 10578299 | 10522480 | 0.78   | cps   |
| Holmium    | 165-2 | 4790210  | 4571772  | 4740238  | 4700740  | 2.43   | cps   |
| Indium     | 115-1 | 7938352  | 7914630  | 8029616  | 7960866  | 0.76   | cps   |
| Indium     | 115-2 | 1421369  | 1355219  | 1412548  | 1396378  | 2.57   | cps   |
| Iron       | 56-2  | 34837    | 33912    | 34937    | 34562    | 1.63   | cps   |
| Iron       | 57-2  | 1045     | 833      | 961      | 946      | 11.24  | cps   |
| Lead       | 206-1 | 3017     | 3156     | 3128     | 3100     | 2.37   | cps   |
| Lead       | 207-1 | 3089     | 2617     | 2411     | 2706     | 12.85  | cps   |
| Lead       | 208-1 | 12553    | 12197    | 11925    | 12225    | 2.58   | cps   |
| Lithium    | 6-1   | 1127126  | 1130112  | 1141699  | 1132979  | 0.68   | cps   |
| Magnesium  | 24-2  | 13307    | 13849    | 12756    | 13304    | 4.11   | cps   |
| Manganese  | 55-2  | 143411   | 144080   | 143447   | 143646   | 0.26   | cps   |

|                         |                     |                   |                     |
|-------------------------|---------------------|-------------------|---------------------|
| LB Number :             | LB88853             | Operator :        | Jaswal              |
| Lab Sample ID :         | I4255-03DL3X500     | Instrumnet Name : | P7                  |
| Client Sample ID :      | MH0CC4              | Dilution Factor : | 500                 |
| Date & Time Acquired :: | 2017-07-19 14:55:26 | DataFile Name :   | 042SMPL_P7071917 -M |

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD  | Units |
|------------|-------|----------|----------|----------|----------|---------|-------|
| Molybdenum | 94-1  | 192      | 242      | 225      | 219      | 11.60   | cps   |
| Molybdenum | 95-1  | 50       | 50       | 42       | 47       | 10.18   | cps   |
| Molybdenum | 96-1  | 142      | 58       | 83       | 94       | 45.27   | cps   |
| Molybdenum | 97-1  | 42       | 33       | 58       | 44       | 28.65   | cps   |
| Molybdenum | 98-1  | 75       | 125      | 117      | 106      | 25.38   | cps   |
| Neodymium  | 150-1 | 3567     | 3280     | 3401     | 3416     | 4.22    | cps   |
| Neodymium  | 150-2 | 1180     | 1203     | 1243     | 1209     | 2.65    | cps   |
| Nickel     | 60-2  | 663      | 640      | 707      | 670      | 5.05    | cps   |
| Phosphorus | 31-2  | 92       | 108      | 117      | 106      | 12.06   | cps   |
| Potassium  | 39-2  | 26733    | 27810    | 28362    | 27635    | 3.00    | cps   |
| Rhodium    | 103-1 | 6873742  | 6976279  | 7009448  | 6953156  | 1.02    | cps   |
| Rhodium    | 103-2 | 2970097  | 2845685  | 2936895  | 2917559  | 2.21    | cps   |
| Scandium   | 45-1  | 3946795  | 4017136  | 4083387  | 4015773  | 1.70    | cps   |
| Scandium   | 45-2  | 166881   | 155956   | 164265   | 162367   | 3.51    | cps   |
| Selenium   | 77-2  | 3        | 3        | 3        | 3        | 0.00    | cps   |
| Selenium   | 78-2  | 44       | 54       | 35       | 44       | 20.82   | cps   |
| Selenium   | 82-1  | -55      | 27       | -71      | -33      | -157.79 | cps   |
| Silicon    | 28-1  | 337519   | 335422   | 335510   | 336150   | 0.35    | cps   |
| Silver     | 109-1 | 508      | 425      | 400      | 444      | 12.76   | cps   |
| Silver     | 107-1 | 467      | 492      | 425      | 461      | 7.30    | cps   |
| Sodium     | 23-2  | 21608    | 21783    | 21316    | 21569    | 1.09    | cps   |
| Strontium  | 86-1  | 2509     | 2342     | 2675     | 2509     | 6.65    | cps   |
| Strontium  | 88-1  | 15292    | 15509    | 15034    | 15278    | 1.56    | cps   |
| Sulfur     | 34-1  | 231674   | 234510   | 235035   | 233739   | 0.77    | cps   |
| Terbium    | 159-1 | 10691960 | 10904735 | 10856793 | 10817829 | 1.03    | cps   |
| Terbium    | 159-2 | 4698164  | 4511803  | 4695458  | 4635142  | 2.30    | cps   |
| Thallium   | 203-1 | 217      | 175      | 125      | 172      | 26.65   | cps   |
| Thallium   | 205-1 | 342      | 392      | 325      | 353      | 9.83    | cps   |
| Tin        | 118-1 | 1233     | 1158     | 908      | 1100     | 15.47   | cps   |
| Titanium   | 47-1  | 117      | 108      | 158      | 128      | 20.96   | cps   |
| Uranium    | 238-1 | 5426     | 5376     | 5518     | 5440     | 1.32    | cps   |
| Vanadium   | 51-2  | 10       | 3        | 10       | 8        | 49.52   | cps   |
| Yttrium    | 89-1  | 7753031  | 7828887  | 7896964  | 7826294  | 0.92    | cps   |
| Yttrium    | 89-2  | 1042747  | 1000752  | 1035769  | 1026423  | 2.19    | cps   |
| Zinc       | 66-2  | 21286    | 20955    | 21620    | 21287    | 1.56    | cps   |
| Zirconium  | 90-1  | 492      | 517      | 600      | 536      | 10.58   | cps   |

|                         |                     |                   |                     |
|-------------------------|---------------------|-------------------|---------------------|
| LB Number :             | LB88853             | Operator :        | Jaswal              |
| Lab Sample ID :         | I4255-03DL3X500     | Instrumnet Name : | P7                  |
| Client Sample ID :      | MH0CC4              | Dilution Factor : | 500                 |
| Date & Time Acquired :: | 2017-07-19 14:55:26 | DataFile Name :   | 042SMPL_P7071917 -M |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|-----------|------|------|------|------|---------|--------|-------|
| Zirconium | 91-1 | 75   | 142  | 150  | 122     | 33.64  | cps   |

|                         |                     |                   |                     |
|-------------------------|---------------------|-------------------|---------------------|
| LB Number :             | LB88853             | Operator :        | Jaswal              |
| Lab Sample ID :         | I4255-04DL3X500     | Instrumnet Name : | P7                  |
| Client Sample ID :      | MH0CC4D             | Dilution Factor : | 500                 |
| Date & Time Acquired :: | 2017-07-19 14:58:54 | DataFile Name :   | 043SMPL_P7071917 -M |

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|------------|-------|----------|----------|----------|----------|--------|-------|
| Aluminium  | 27-2  | 4668     | 5126     | 5176     | 4990     | 5.62   | cps   |
| Antimony   | 121-1 | 283      | 292      | 283      | 286      | 1.68   | cps   |
| Arsenic    | 75-2  | 311      | 335      | 422      | 356      | 16.41  | cps   |
| Barium     | 135-1 | 58       | 50       | 100      | 69       | 38.58  | cps   |
| Barium     | 137-1 | 100      | 225      | 167      | 164      | 38.16  | cps   |
| Beryllium  | 9-1   | 183      | 89       | 133      | 135      | 34.95  | cps   |
| Bismuth    | 209-1 | 7014439  | 6982056  | 7079346  | 7025280  | 0.71   | cps   |
| Bismuth    | 209-2 | 4005277  | 4030581  | 3990936  | 4008932  | 0.50   | cps   |
| Boron      | 10-1  | 267      | 217      | 200      | 228      | 15.23  | cps   |
| Boron      | 11-1  | 1258     | 1325     | 1117     | 1233     | 8.63   | cps   |
| Cadmium    | 111-1 | 2770     | 3039     | 2783     | 2864     | 5.30   | cps   |
| Cadmium    | 106-1 | 2684     | 3142     | 2875     | 2900     | 7.94   | cps   |
| Cadmium    | 108-1 | 83       | 63       | 67       | 71       | 15.57  | cps   |
| Calcium    | 43-1  | 4951     | 4959     | 4693     | 4868     | 3.12   | cps   |
| Calcium    | 44-1  | 79371    | 79388    | 79547    | 79436    | 0.12   | cps   |
| Chromium   | 52-2  | 457      | 450      | 457      | 454      | 0.85   | cps   |
| Cobalt     | 59-2  | 1020     | 1083     | 1053     | 1052     | 3.01   | cps   |
| Copper     | 63-2  | 9016     | 9270     | 9203     | 9163     | 1.43   | cps   |
| Dysprosium | 156-1 | 2334     | 2384     | 2184     | 2300     | 4.53   | cps   |
| Dysprosium | 156-2 | 1130     | 1147     | 1110     | 1129     | 1.63   | cps   |
| Erbium     | 164-1 | 2184     | 2084     | 2167     | 2145     | 2.50   | cps   |
| Erbium     | 164-2 | 1070     | 1057     | 1173     | 1100     | 5.81   | cps   |
| Gadolinium | 160-1 | 2559     | 2634     | 2575     | 2589     | 1.52   | cps   |
| Gadolinium | 160-2 | 1323     | 1463     | 1470     | 1419     | 5.84   | cps   |
| Holmium    | 165-1 | 10361007 | 10267823 | 10459816 | 10362882 | 0.93   | cps   |
| Holmium    | 165-2 | 5017413  | 5043754  | 5018138  | 5026435  | 0.30   | cps   |
| Indium     | 115-1 | 7796570  | 7773204  | 7845825  | 7805200  | 0.47   | cps   |
| Indium     | 115-2 | 1476015  | 1495854  | 1485626  | 1485832  | 0.67   | cps   |
| Iron       | 56-2  | 36535    | 35543    | 35438    | 35839    | 1.69   | cps   |
| Iron       | 57-2  | 1045     | 1050     | 1167     | 1087     | 6.35   | cps   |
| Lead       | 206-1 | 2956     | 3312     | 3000     | 3089     | 6.27   | cps   |
| Lead       | 207-1 | 2617     | 2895     | 2717     | 2743     | 5.13   | cps   |
| Lead       | 208-1 | 12008    | 13064    | 12230    | 12434    | 4.48   | cps   |
| Lithium    | 6-1   | 1115878  | 1112949  | 1115676  | 1114834  | 0.15   | cps   |
| Magnesium  | 24-2  | 13865    | 14082    | 13874    | 13940    | 0.88   | cps   |
| Manganese  | 55-2  | 153686   | 154783   | 153416   | 153962   | 0.47   | cps   |

|                         |                     |                   |                     |
|-------------------------|---------------------|-------------------|---------------------|
| LB Number :             | LB88853             | Operator :        | Jaswal              |
| Lab Sample ID :         | I4255-04DL3X500     | Instrumnet Name : | P7                  |
| Client Sample ID :      | MH0CC4D             | Dilution Factor : | 500                 |
| Date & Time Acquired :: | 2017-07-19 14:58:54 | DataFile Name :   | 043SMPL_P7071917 -M |

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|------------|-------|----------|----------|----------|----------|--------|-------|
| Molybdenum | 94-1  | 233      | 150      | 217      | 200      | 22.05  | cps   |
| Molybdenum | 95-1  | 17       | 67       | 67       | 50       | 57.73  | cps   |
| Molybdenum | 96-1  | 92       | 108      | 83       | 94       | 13.48  | cps   |
| Molybdenum | 97-1  | 75       | 0        | 75       | 50       | 86.60  | cps   |
| Molybdenum | 98-1  | 100      | 58       | 25       | 61       | 61.49  | cps   |
| Neodymium  | 150-1 | 3454     | 3294     | 3334     | 3361     | 2.48   | cps   |
| Neodymium  | 150-2 | 1207     | 1287     | 1200     | 1231     | 3.92   | cps   |
| Nickel     | 60-2  | 660      | 710      | 650      | 673      | 4.77   | cps   |
| Phosphorus | 31-2  | 67       | 100      | 125      | 97       | 30.10  | cps   |
| Potassium  | 39-2  | 27986    | 27944    | 27836    | 27922    | 0.28   | cps   |
| Rhodium    | 103-1 | 6842363  | 6848745  | 6865346  | 6852152  | 0.17   | cps   |
| Rhodium    | 103-2 | 3100275  | 3134799  | 3124026  | 3119700  | 0.57   | cps   |
| Scandium   | 45-1  | 3950961  | 3928000  | 3953799  | 3944253  | 0.36   | cps   |
| Scandium   | 45-2  | 174803   | 177448   | 175354   | 175868   | 0.79   | cps   |
| Selenium   | 77-2  | 7        | 3        | 7        | 6        | 34.70  | cps   |
| Selenium   | 78-2  | 41       | 76       | 67       | 61       | 29.85  | cps   |
| Selenium   | 82-1  | 20       | 3        | 10       | 11       | 76.39  | cps   |
| Silicon    | 28-1  | 340428   | 339046   | 337414   | 338963   | 0.45   | cps   |
| Silver     | 109-1 | 325      | 325      | 308      | 319      | 3.01   | cps   |
| Silver     | 107-1 | 358      | 408      | 358      | 375      | 7.70   | cps   |
| Sodium     | 23-2  | 21850    | 21641    | 20381    | 21291    | 3.73   | cps   |
| Strontium  | 86-1  | 2475     | 2575     | 2459     | 2503     | 2.52   | cps   |
| Strontium  | 88-1  | 15868    | 15042    | 15492    | 15467    | 2.67   | cps   |
| Sulfur     | 34-1  | 238461   | 239732   | 238753   | 238982   | 0.28   | cps   |
| Terbium    | 159-1 | 10703835 | 10691001 | 10704100 | 10699645 | 0.07   | cps   |
| Terbium    | 159-2 | 4936860  | 4988458  | 4959155  | 4961491  | 0.52   | cps   |
| Thallium   | 203-1 | 142      | 125      | 242      | 169      | 37.24  | cps   |
| Thallium   | 205-1 | 367      | 533      | 392      | 431      | 20.88  | cps   |
| Tin        | 118-1 | 942      | 1008     | 883      | 945      | 6.62   | cps   |
| Titanium   | 47-1  | 67       | 92       | 142      | 100      | 38.19  | cps   |
| Uranium    | 238-1 | 5251     | 5310     | 5560     | 5374     | 3.05   | cps   |
| Vanadium   | 51-2  | 10       | 7        | 23       | 13       | 66.12  | cps   |
| Yttrium    | 89-1  | 7680901  | 7703261  | 7737475  | 7707212  | 0.37   | cps   |
| Yttrium    | 89-2  | 1089809  | 1101977  | 1083983  | 1091923  | 0.84   | cps   |
| Zinc       | 66-2  | 22888    | 22748    | 22932    | 22856    | 0.42   | cps   |
| Zirconium  | 90-1  | 567      | 550      | 558      | 558      | 1.49   | cps   |

|                         |                     |                   |                     |
|-------------------------|---------------------|-------------------|---------------------|
| LB Number :             | LB88853             | Operator :        | Jaswal              |
| Lab Sample ID :         | I4255-04DL3X500     | Instrumnet Name : | P7                  |
| Client Sample ID :      | MH0CC4D             | Dilution Factor : | 500                 |
| Date & Time Acquired :: | 2017-07-19 14:58:54 | DataFile Name :   | 043SMPL_P7071917 -M |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|-----------|------|------|------|------|---------|--------|-------|
| Zirconium | 91-1 | 75   | 75   | 125  | 92      | 31.50  | cps   |

|                         |                     |                   |                     |
|-------------------------|---------------------|-------------------|---------------------|
| LB Number :             | LB88853             | Operator :        | Jaswal              |
| Lab Sample ID :         | I4255-03LDL3X2500   | Instrumnet Name : | P7                  |
| Client Sample ID :      | MH0CC4L             | Dilution Factor : | 2500                |
| Date & Time Acquired :: | 2017-07-19 15:02:22 | DataFile Name :   | 044SMPL_P7071917 -M |

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|------------|-------|----------|----------|----------|----------|--------|-------|
| Aluminium  | 27-2  | 892      | 992      | 1100     | 995      | 10.48  | cps   |
| Antimony   | 121-1 | 233      | 267      | 233      | 244      | 7.87   | cps   |
| Arsenic    | 75-2  | 93       | 80       | 83       | 85       | 7.84   | cps   |
| Barium     | 135-1 | 33       | 50       | 42       | 42       | 20.00  | cps   |
| Barium     | 137-1 | 92       | 25       | 67       | 61       | 55.11  | cps   |
| Beryllium  | 9-1   | 89       | 111      | 111      | 104      | 12.37  | cps   |
| Bismuth    | 209-1 | 6956829  | 6956287  | 6875749  | 6929622  | 0.67   | cps   |
| Bismuth    | 209-2 | 3919120  | 3763243  | 3728869  | 3803744  | 2.67   | cps   |
| Boron      | 10-1  | 267      | 217      | 217      | 233      | 12.37  | cps   |
| Boron      | 11-1  | 1125     | 1175     | 1175     | 1158     | 2.49   | cps   |
| Cadmium    | 111-1 | 1995     | 2117     | 2169     | 2093     | 4.26   | cps   |
| Cadmium    | 106-1 | 2567     | 2792     | 2767     | 2709     | 4.55   | cps   |
| Cadmium    | 108-1 | 21       | 54       | 8        | 28       | 85.31  | cps   |
| Calcium    | 43-1  | 1292     | 1133     | 1008     | 1145     | 12.41  | cps   |
| Calcium    | 44-1  | 20415    | 20081    | 19664    | 20053    | 1.88   | cps   |
| Chromium   | 52-2  | 433      | 337      | 403      | 391      | 12.65  | cps   |
| Cobalt     | 59-2  | 293      | 273      | 323      | 297      | 8.48   | cps   |
| Copper     | 63-2  | 2634     | 2847     | 2654     | 2711     | 4.35   | cps   |
| Dysprosium | 156-1 | 475      | 392      | 517      | 461      | 13.80  | cps   |
| Dysprosium | 156-2 | 213      | 257      | 250      | 240      | 9.72   | cps   |
| Erbium     | 164-1 | 500      | 408      | 408      | 439      | 12.06  | cps   |
| Erbium     | 164-2 | 217      | 167      | 210      | 198      | 13.73  | cps   |
| Gadolinium | 160-1 | 517      | 567      | 492      | 525      | 7.27   | cps   |
| Gadolinium | 160-2 | 440      | 340      | 307      | 362      | 19.16  | cps   |
| Holmium    | 165-1 | 10281581 | 10390384 | 10231499 | 10301155 | 0.79   | cps   |
| Holmium    | 165-2 | 4926709  | 4731980  | 4680531  | 4779740  | 2.72   | cps   |
| Indium     | 115-1 | 7736421  | 7723136  | 7704170  | 7721242  | 0.21   | cps   |
| Indium     | 115-2 | 1450040  | 1397342  | 1387430  | 1411604  | 2.38   | cps   |
| Iron       | 56-2  | 12873    | 12089    | 12222    | 12394    | 3.38   | cps   |
| Iron       | 57-2  | 578      | 372      | 378      | 443      | 26.46  | cps   |
| Lead       | 206-1 | 1433     | 1606     | 1345     | 1461     | 9.09   | cps   |
| Lead       | 207-1 | 1256     | 1395     | 1472     | 1374     | 7.99   | cps   |
| Lead       | 208-1 | 5423     | 5945     | 6067     | 5812     | 5.89   | cps   |
| Lithium    | 6-1   | 1114117  | 1113121  | 1104687  | 1110641  | 0.47   | cps   |
| Magnesium  | 24-2  | 3551     | 3384     | 3125     | 3353     | 6.39   | cps   |
| Manganese  | 55-2  | 31891    | 31337    | 30702    | 31310    | 1.90   | cps   |



|                         |                     |                   |                     |
|-------------------------|---------------------|-------------------|---------------------|
| LB Number :             | LB88853             | Operator :        | Jaswal              |
| Lab Sample ID :         | I4255-03LDL3X2500   | Instrumnet Name : | P7                  |
| Client Sample ID :      | MH0CC4L             | Dilution Factor : | 2500                |
| Date & Time Acquired :: | 2017-07-19 15:02:22 | DataFile Name :   | 044SMPL_P7071917 -M |

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|------------|-------|----------|----------|----------|----------|--------|-------|
| Molybdenum | 94-1  | 208      | 158      | 158      | 175      | 16.50  | cps   |
| Molybdenum | 95-1  | 33       | 42       | 42       | 39       | 12.38  | cps   |
| Molybdenum | 96-1  | 50       | 58       | 92       | 67       | 33.07  | cps   |
| Molybdenum | 97-1  | 42       | 33       | 42       | 39       | 12.38  | cps   |
| Molybdenum | 98-1  | 83       | 58       | 75       | 72       | 17.62  | cps   |
| Neodymium  | 150-1 | 720      | 607      | 593      | 640      | 10.88  | cps   |
| Neodymium  | 150-2 | 233      | 193      | 200      | 209      | 10.26  | cps   |
| Nickel     | 60-2  | 423      | 500      | 503      | 476      | 9.52   | cps   |
| Phosphorus | 31-2  | 75       | 183      | 158      | 139      | 40.84  | cps   |
| Potassium  | 39-2  | 26257    | 26758    | 26733    | 26583    | 1.06   | cps   |
| Rhodium    | 103-1 | 6782364  | 6826990  | 6732983  | 6780779  | 0.69   | cps   |
| Rhodium    | 103-2 | 3049071  | 2947224  | 2935790  | 2977362  | 2.09   | cps   |
| Scandium   | 45-1  | 3913739  | 3893297  | 3861952  | 3889663  | 0.67   | cps   |
| Scandium   | 45-2  | 170231   | 164188   | 164534   | 166317   | 2.04   | cps   |
| Selenium   | 77-2  | 0        | 3        | 0        | 1        | 173.21 | cps   |
| Selenium   | 78-2  | 72       | 57       | 67       | 65       | 11.43  | cps   |
| Selenium   | 82-1  | -35      | -3       | -28      | -22      | -78.28 | cps   |
| Silicon    | 28-1  | 265155   | 265433   | 263563   | 264717   | 0.38   | cps   |
| Silver     | 109-1 | 283      | 275      | 208      | 256      | 16.09  | cps   |
| Silver     | 107-1 | 308      | 292      | 350      | 317      | 9.49   | cps   |
| Sodium     | 23-2  | 14282    | 14140    | 14841    | 14421    | 2.57   | cps   |
| Strontium  | 86-1  | 1258     | 1067     | 1050     | 1125     | 10.29  | cps   |
| Strontium  | 88-1  | 3384     | 3125     | 3042     | 3184     | 5.60   | cps   |
| Sulfur     | 34-1  | 221175   | 221717   | 221737   | 221543   | 0.14   | cps   |
| Terbium    | 159-1 | 10608700 | 10665232 | 10575456 | 10616463 | 0.43   | cps   |
| Terbium    | 159-2 | 4866544  | 4673611  | 4652473  | 4730876  | 2.49   | cps   |
| Thallium   | 203-1 | 267      | 158      | 208      | 211      | 25.68  | cps   |
| Thallium   | 205-1 | 508      | 508      | 517      | 511      | 0.94   | cps   |
| Tin        | 118-1 | 967      | 908      | 958      | 945      | 3.34   | cps   |
| Titanium   | 47-1  | 125      | 92       | 108      | 108      | 15.39  | cps   |
| Uranium    | 238-1 | 1283     | 1050     | 900      | 1078     | 17.92  | cps   |
| Vanadium   | 51-2  | 7        | 17       | 20       | 14       | 48.02  | cps   |
| Yttrium    | 89-1  | 7609492  | 7666509  | 7540992  | 7605664  | 0.83   | cps   |
| Yttrium    | 89-2  | 1067094  | 1027268  | 1023971  | 1039444  | 2.31   | cps   |
| Zinc       | 66-2  | 4694     | 4437     | 4467     | 4533     | 3.10   | cps   |
| Zirconium  | 90-1  | 333      | 450      | 400      | 394      | 14.84  | cps   |

|                         |                     |                   |                     |
|-------------------------|---------------------|-------------------|---------------------|
| LB Number :             | LB88853             | Operator :        | Jaswal              |
| Lab Sample ID :         | I4255-03LDL3X2500   | Instrumnet Name : | P7                  |
| Client Sample ID :      | MH0CC4L             | Dilution Factor : | 2500                |
| Date & Time Acquired :: | 2017-07-19 15:02:22 | DataFile Name :   | 044SMPL_P7071917 -M |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|-----------|------|------|------|------|---------|--------|-------|
| Zirconium | 91-1 | 133  | 108  | 67   | 103     | 32.77  | cps   |

|                         |                     |                   |                     |
|-------------------------|---------------------|-------------------|---------------------|
| LB Number :             | LB88853             | Operator :        | Jaswal              |
| Lab Sample ID :         | I4255-05DL3X500     | Instrumnet Name : | P7                  |
| Client Sample ID :      | MH0CC4S             | Dilution Factor : | 500                 |
| Date & Time Acquired :: | 2017-07-19 15:05:50 | DataFile Name :   | 045SMPL_P7071917 -M |

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|------------|-------|----------|----------|----------|----------|--------|-------|
| Aluminium  | 27-2  | 4893     | 5201     | 5218     | 5104     | 3.59   | cps   |
| Antimony   | 121-1 | 2334     | 2017     | 1742     | 2031     | 14.58  | cps   |
| Arsenic    | 75-2  | 350      | 346      | 337      | 344      | 1.94   | cps   |
| Barium     | 135-1 | 8545     | 9362     | 9303     | 9070     | 5.03   | cps   |
| Barium     | 137-1 | 16110    | 15851    | 15960    | 15974    | 0.81   | cps   |
| Beryllium  | 9-1   | 206      | 272      | 222      | 233      | 14.87  | cps   |
| Bismuth    | 209-1 | 7003476  | 6975172  | 6954680  | 6977776  | 0.35   | cps   |
| Bismuth    | 209-2 | 4002864  | 3983218  | 4003405  | 3996495  | 0.29   | cps   |
| Boron      | 10-1  | 292      | 233      | 217      | 247      | 15.93  | cps   |
| Boron      | 11-1  | 1142     | 1158     | 975      | 1092     | 9.29   | cps   |
| Cadmium    | 111-1 | 3164     | 3007     | 2817     | 2996     | 5.80   | cps   |
| Cadmium    | 106-1 | 3117     | 2900     | 2575     | 2864     | 9.52   | cps   |
| Cadmium    | 108-1 | 92       | 88       | 75       | 85       | 10.24  | cps   |
| Calcium    | 43-1  | 5426     | 4976     | 5201     | 5201     | 4.33   | cps   |
| Calcium    | 44-1  | 84826    | 85371    | 84767    | 84988    | 0.39   | cps   |
| Chromium   | 52-2  | 1383     | 1297     | 1297     | 1326     | 3.77   | cps   |
| Cobalt     | 59-2  | 4668     | 4581     | 4547     | 4599     | 1.35   | cps   |
| Copper     | 63-2  | 10537    | 10557    | 10877    | 10657    | 1.79   | cps   |
| Dysprosium | 156-1 | 2342     | 2200     | 2575     | 2373     | 7.98   | cps   |
| Dysprosium | 156-2 | 1080     | 1250     | 1147     | 1159     | 7.39   | cps   |
| Erbium     | 164-1 | 2359     | 1992     | 2175     | 2175     | 8.43   | cps   |
| Erbium     | 164-2 | 1000     | 1097     | 1040     | 1046     | 4.65   | cps   |
| Gadolinium | 160-1 | 2592     | 2617     | 2667     | 2625     | 1.46   | cps   |
| Gadolinium | 160-2 | 1410     | 1457     | 1307     | 1391     | 5.52   | cps   |
| Holmium    | 165-1 | 10358329 | 10460605 | 10436130 | 10418355 | 0.51   | cps   |
| Holmium    | 165-2 | 4952932  | 4992248  | 5005562  | 4983581  | 0.55   | cps   |
| Indium     | 115-1 | 7648479  | 7812376  | 7765659  | 7742171  | 1.09   | cps   |
| Indium     | 115-2 | 1480034  | 1474699  | 1482739  | 1479157  | 0.28   | cps   |
| Iron       | 56-2  | 38941    | 40284    | 39331    | 39519    | 1.75   | cps   |
| Iron       | 57-2  | 1050     | 1145     | 1033     | 1076     | 5.57   | cps   |
| Lead       | 206-1 | 3284     | 3095     | 3250     | 3210     | 3.14   | cps   |
| Lead       | 207-1 | 2906     | 2934     | 2956     | 2932     | 0.85   | cps   |
| Lead       | 208-1 | 13648    | 13114    | 13642    | 13468    | 2.28   | cps   |
| Lithium    | 6-1   | 1114523  | 1114882  | 1117672  | 1115693  | 0.15   | cps   |
| Magnesium  | 24-2  | 14674    | 14190    | 14015    | 14293    | 2.39   | cps   |
| Manganese  | 55-2  | 156501   | 156475   | 156997   | 156657   | 0.19   | cps   |

|                         |                     |                   |                     |
|-------------------------|---------------------|-------------------|---------------------|
| LB Number :             | LB88853             | Operator :        | Jaswal              |
| Lab Sample ID :         | I4255-05DL3X500     | Instrumnet Name : | P7                  |
| Client Sample ID :      | MH0CC4S             | Dilution Factor : | 500                 |
| Date & Time Acquired :: | 2017-07-19 15:05:50 | DataFile Name :   | 045SMPL_P7071917 -M |

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|------------|-------|----------|----------|----------|----------|--------|-------|
| Molybdenum | 94-1  | 542      | 533      | 600      | 558      | 6.51   | cps   |
| Molybdenum | 95-1  | 625      | 675      | 833      | 711      | 15.29  | cps   |
| Molybdenum | 96-1  | 700      | 808      | 742      | 750      | 7.29   | cps   |
| Molybdenum | 97-1  | 400      | 450      | 475      | 442      | 8.65   | cps   |
| Molybdenum | 98-1  | 867      | 825      | 1092     | 928      | 15.46  | cps   |
| Neodymium  | 150-1 | 3567     | 3574     | 3441     | 3527     | 2.13   | cps   |
| Neodymium  | 150-2 | 1270     | 1213     | 1337     | 1273     | 4.85   | cps   |
| Nickel     | 60-2  | 1747     | 1953     | 1810     | 1837     | 5.77   | cps   |
| Phosphorus | 31-2  | 75       | 100      | 183      | 119      | 47.49  | cps   |
| Potassium  | 39-2  | 27802    | 27877    | 27293    | 27657    | 1.15   | cps   |
| Rhodium    | 103-1 | 6786902  | 6820611  | 6864157  | 6823890  | 0.57   | cps   |
| Rhodium    | 103-2 | 3087810  | 3100239  | 3098116  | 3095388  | 0.21   | cps   |
| Scandium   | 45-1  | 3867725  | 3908539  | 3883480  | 3886581  | 0.53   | cps   |
| Scandium   | 45-2  | 172952   | 173090   | 173067   | 173036   | 0.04   | cps   |
| Selenium   | 77-2  | 10       | 0        | 10       | 7        | 86.60  | cps   |
| Selenium   | 78-2  | 41       | 67       | 70       | 59       | 27.24  | cps   |
| Selenium   | 82-1  | 47       | 40       | -7       | 26       | 111.80 | cps   |
| Silicon    | 28-1  | 335673   | 333537   | 333555   | 334255   | 0.37   | cps   |
| Silver     | 109-1 | 1233     | 1250     | 1092     | 1192     | 7.30   | cps   |
| Silver     | 107-1 | 1325     | 950      | 1150     | 1142     | 16.44  | cps   |
| Sodium     | 23-2  | 20765    | 20573    | 20506    | 20615    | 0.65   | cps   |
| Strontium  | 86-1  | 2567     | 2467     | 2875     | 2636     | 8.07   | cps   |
| Strontium  | 88-1  | 17753    | 17828    | 18004    | 17862    | 0.72   | cps   |
| Sulfur     | 34-1  | 237193   | 238937   | 236582   | 237571   | 0.51   | cps   |
| Terbium    | 159-1 | 10648528 | 10666666 | 10665674 | 10660289 | 0.10   | cps   |
| Terbium    | 159-2 | 4899658  | 4943640  | 4913940  | 4919079  | 0.46   | cps   |
| Thallium   | 203-1 | 1225     | 1175     | 1058     | 1153     | 7.42   | cps   |
| Thallium   | 205-1 | 2867     | 2659     | 2909     | 2812     | 4.76   | cps   |
| Tin        | 118-1 | 1117     | 1158     | 1117     | 1131     | 2.13   | cps   |
| Titanium   | 47-1  | 108      | 100      | 150      | 119      | 22.43  | cps   |
| Uranium    | 238-1 | 5818     | 5527     | 5301     | 5549     | 4.67   | cps   |
| Vanadium   | 51-2  | 1833     | 1827     | 1840     | 1833     | 0.36   | cps   |
| Yttrium    | 89-1  | 7567256  | 7677272  | 7617924  | 7620817  | 0.72   | cps   |
| Yttrium    | 89-2  | 1085346  | 1085503  | 1081976  | 1084275  | 0.18   | cps   |
| Zinc       | 66-2  | 23746    | 24434    | 23820    | 24000    | 1.57   | cps   |
| Zirconium  | 90-1  | 433      | 525      | 683      | 547      | 23.11  | cps   |

|                         |                     |                   |                     |
|-------------------------|---------------------|-------------------|---------------------|
| LB Number :             | LB88853             | Operator :        | Jaswal              |
| Lab Sample ID :         | I4255-05DL3X500     | Instrumnet Name : | P7                  |
| Client Sample ID :      | MH0CC4S             | Dilution Factor : | 500                 |
| Date & Time Acquired :: | 2017-07-19 15:05:50 | DataFile Name :   | 045SMPL_P7071917 -M |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|-----------|------|------|------|------|---------|--------|-------|
| Zirconium | 91-1 | 133  | 117  | 100  | 117     | 14.29  | cps   |

|                         |                     |                   |                     |
|-------------------------|---------------------|-------------------|---------------------|
| LB Number :             | LB88853             | Operator :        | Jaswal              |
| Lab Sample ID :         | I4255-06DL3X500     | Instrumnet Name : | P7                  |
| Client Sample ID :      | MH0CC6              | Dilution Factor : | 500                 |
| Date & Time Acquired :: | 2017-07-19 15:09:18 | DataFile Name :   | 046SMPL_P7071917 -M |

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|------------|-------|----------|----------|----------|----------|--------|-------|
| Aluminium  | 27-2  | 2667     | 3050     | 2850     | 2856     | 6.72   | cps   |
| Antimony   | 121-1 | 183      | 183      | 183      | 183      | 0.00   | cps   |
| Arsenic    | 75-2  | 1470     | 1508     | 1382     | 1453     | 4.45   | cps   |
| Barium     | 135-1 | 58       | 75       | 33       | 56       | 37.75  | cps   |
| Barium     | 137-1 | 92       | 42       | 67       | 67       | 37.50  | cps   |
| Beryllium  | 9-1   | 183      | 122      | 139      | 148      | 21.32  | cps   |
| Bismuth    | 209-1 | 6984722  | 6993041  | 6945828  | 6974530  | 0.36   | cps   |
| Bismuth    | 209-2 | 3930983  | 4063889  | 3789877  | 3928250  | 3.49   | cps   |
| Boron      | 10-1  | 275      | 133      | 208      | 206      | 34.48  | cps   |
| Boron      | 11-1  | 1083     | 842      | 858      | 928      | 14.55  | cps   |
| Cadmium    | 111-1 | 5147     | 5132     | 5218     | 5166     | 0.88   | cps   |
| Cadmium    | 106-1 | 3034     | 2950     | 2767     | 2917     | 4.68   | cps   |
| Cadmium    | 108-1 | 258      | 250      | 254      | 254      | 1.64   | cps   |
| Calcium    | 43-1  | 18763    | 18370    | 18304    | 18479    | 1.34   | cps   |
| Calcium    | 44-1  | 305257   | 304099   | 304069   | 304475   | 0.22   | cps   |
| Chromium   | 52-2  | 393      | 433      | 457      | 428      | 7.49   | cps   |
| Cobalt     | 59-2  | 9977     | 9483     | 9727     | 9729     | 2.54   | cps   |
| Copper     | 63-2  | 29253    | 29253    | 28421    | 28976    | 1.66   | cps   |
| Dysprosium | 156-1 | 2892     | 2600     | 2800     | 2764     | 5.40   | cps   |
| Dysprosium | 156-2 | 1290     | 1303     | 1257     | 1283     | 1.87   | cps   |
| Erbium     | 164-1 | 2484     | 2900     | 2817     | 2734     | 8.07   | cps   |
| Erbium     | 164-2 | 1317     | 1270     | 1143     | 1243     | 7.21   | cps   |
| Gadolinium | 160-1 | 3151     | 2909     | 2984     | 3014     | 4.11   | cps   |
| Gadolinium | 160-2 | 1707     | 1783     | 1630     | 1707     | 4.49   | cps   |
| Holmium    | 165-1 | 10289704 | 10436343 | 10262714 | 10329587 | 0.90   | cps   |
| Holmium    | 165-2 | 4914166  | 5077475  | 4770640  | 4920760  | 3.12   | cps   |
| Indium     | 115-1 | 7596171  | 7734288  | 7604412  | 7644957  | 1.01   | cps   |
| Indium     | 115-2 | 1426108  | 1490654  | 1405274  | 1440678  | 3.09   | cps   |
| Iron       | 56-2  | 501746   | 496397   | 489786   | 495976   | 1.21   | cps   |
| Iron       | 57-2  | 13023    | 12339    | 12144    | 12502    | 3.69   | cps   |
| Lead       | 206-1 | 8214     | 8442     | 8486     | 8381     | 1.74   | cps   |
| Lead       | 207-1 | 7119     | 6980     | 7124     | 7074     | 1.16   | cps   |
| Lead       | 208-1 | 32906    | 32583    | 33506    | 32998    | 1.42   | cps   |
| Lithium    | 6-1   | 1114381  | 1122738  | 1107577  | 1114899  | 0.68   | cps   |
| Magnesium  | 24-2  | 49917    | 50896    | 50561    | 50458    | 0.99   | cps   |
| Manganese  | 55-2  | 537203   | 538853   | 528837   | 534964   | 1.00   | cps   |

|                         |                     |                   |                     |
|-------------------------|---------------------|-------------------|---------------------|
| LB Number :             | LB88853             | Operator :        | Jaswal              |
| Lab Sample ID :         | I4255-06DL3X500     | Instrumnet Name : | P7                  |
| Client Sample ID :      | MH0CC6              | Dilution Factor : | 500                 |
| Date & Time Acquired :: | 2017-07-19 15:09:18 | DataFile Name :   | 046SMPL_P7071917 -M |

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD  | Units |
|------------|-------|----------|----------|----------|----------|---------|-------|
| Molybdenum | 94-1  | 292      | 258      | 283      | 278      | 6.24    | cps   |
| Molybdenum | 95-1  | 175      | 258      | 183      | 206      | 22.33   | cps   |
| Molybdenum | 96-1  | 233      | 192      | 208      | 211      | 9.93    | cps   |
| Molybdenum | 97-1  | 100      | 125      | 142      | 122      | 17.16   | cps   |
| Molybdenum | 98-1  | 275      | 217      | 233      | 242      | 12.43   | cps   |
| Neodymium  | 150-1 | 3774     | 3661     | 3707     | 3714     | 1.53    | cps   |
| Neodymium  | 150-2 | 1393     | 1547     | 1327     | 1422     | 7.93    | cps   |
| Nickel     | 60-2  | 1193     | 1243     | 1270     | 1236     | 3.15    | cps   |
| Phosphorus | 31-2  | 58       | 108      | 83       | 83       | 30.00   | cps   |
| Potassium  | 39-2  | 29130    | 30282    | 29806    | 29739    | 1.95    | cps   |
| Rhodium    | 103-1 | 6717256  | 6810404  | 6693596  | 6740419  | 0.92    | cps   |
| Rhodium    | 103-2 | 3029542  | 3147563  | 2948642  | 3041915  | 3.29    | cps   |
| Scandium   | 45-1  | 3893694  | 3941190  | 3853162  | 3896016  | 1.13    | cps   |
| Scandium   | 45-2  | 170522   | 177885   | 162226   | 170211   | 4.60    | cps   |
| Selenium   | 77-2  | 3        | 3        | 7        | 4        | 43.40   | cps   |
| Selenium   | 78-2  | 48       | 57       | 61       | 56       | 12.02   | cps   |
| Selenium   | 82-1  | -18      | -6       | -67      | -31      | -105.69 | cps   |
| Silicon    | 28-1  | 357844   | 354415   | 357211   | 356490   | 0.51    | cps   |
| Silver     | 109-1 | 200      | 292      | 233      | 242      | 19.20   | cps   |
| Silver     | 107-1 | 225      | 233      | 325      | 261      | 21.25   | cps   |
| Sodium     | 23-2  | 40539    | 40698    | 41784    | 41007    | 1.65    | cps   |
| Strontium  | 86-1  | 9962     | 9328     | 10212    | 9834     | 4.63    | cps   |
| Strontium  | 88-1  | 78824    | 76948    | 78398    | 78057    | 1.26    | cps   |
| Sulfur     | 34-1  | 278909   | 276346   | 280138   | 278465   | 0.69    | cps   |
| Terbium    | 159-1 | 10574695 | 10698477 | 10477994 | 10583722 | 1.04    | cps   |
| Terbium    | 159-2 | 4820136  | 5014076  | 4713595  | 4849269  | 3.14    | cps   |
| Thallium   | 203-1 | 258      | 283      | 292      | 278      | 6.24    | cps   |
| Thallium   | 205-1 | 650      | 483      | 608      | 581      | 14.94   | cps   |
| Tin        | 118-1 | 900      | 1033     | 1100     | 1011     | 10.07   | cps   |
| Titanium   | 47-1  | 100      | 100      | 75       | 92       | 15.75   | cps   |
| Uranium    | 238-1 | 6469     | 6360     | 6168     | 6332     | 2.40    | cps   |
| Vanadium   | 51-2  | 0        | 13       | 10       | 8        | 89.21   | cps   |
| Yttrium    | 89-1  | 7619729  | 7709401  | 7600776  | 7643302  | 0.76    | cps   |
| Yttrium    | 89-2  | 1058330  | 1101984  | 1030121  | 1063479  | 3.40    | cps   |
| Zinc       | 66-2  | 117350   | 117907   | 114813   | 116690   | 1.41    | cps   |
| Zirconium  | 90-1  | 408      | 433      | 600      | 481      | 21.68   | cps   |

|                         |                     |                   |                     |
|-------------------------|---------------------|-------------------|---------------------|
| LB Number :             | LB88853             | Operator :        | Jaswal              |
| Lab Sample ID :         | I4255-06DL3X500     | Instrumnet Name : | P7                  |
| Client Sample ID :      | MH0CC6              | Dilution Factor : | 500                 |
| Date & Time Acquired :: | 2017-07-19 15:09:18 | DataFile Name :   | 046SMPL_P7071917 -M |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|-----------|------|------|------|------|---------|--------|-------|
| Zirconium | 91-1 | 117  | 175  | 83   | 125     | 37.12  | cps   |



LB Number : LB88853 Operator : Jaswal  
 Lab Sample ID : I4278-01RE Instrumnet Name : P7  
 Client Sample ID : DC3126-01-BS-CLB46-V Dilution Factor : 1  
 Date & Time Acquired :: 2017-07-19 15:12:47 DataFile Name : 047SMPL\_P7071917 -M

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|------------|-------|----------|----------|----------|----------|--------|-------|
| Aluminium  | 27-2  | 1008     | 917      | 883      | 936      | 6.92   | cps   |
| Antimony   | 121-1 | 1142     | 1175     | 1350     | 1222     | 9.16   | cps   |
| Arsenic    | 75-2  | 146      | 106      | 85       | 112      | 27.70  | cps   |
| Barium     | 135-1 | 109857   | 111814   | 108932   | 110201   | 1.34   | cps   |
| Barium     | 137-1 | 196663   | 193055   | 193445   | 194388   | 1.02   | cps   |
| Beryllium  | 9-1   | 100      | 50       | 106      | 85       | 35.92  | cps   |
| Bismuth    | 209-1 | 7335909  | 6936095  | 7182597  | 7151534  | 2.82   | cps   |
| Bismuth    | 209-2 | 4070547  | 4104714  | 3956870  | 4044044  | 1.91   | cps   |
| Boron      | 10-1  | 5985     | 5685     | 5685     | 5785     | 3.00   | cps   |
| Boron      | 11-1  | 29254    | 28728    | 29780    | 29254    | 1.80   | cps   |
| Cadmium    | 111-1 | 1974     | 1772     | 2150     | 1965     | 9.63   | cps   |
| Cadmium    | 106-1 | 2759     | 2492     | 3042     | 2764     | 9.95   | cps   |
| Cadmium    | 108-1 | 17       | 8        | 13       | 13       | 33.36  | cps   |
| Calcium    | 43-1  | 631826   | 621336   | 619234   | 624132   | 1.08   | cps   |
| Calcium    | 44-1  | 10292860 | 10214235 | 10076665 | 10194587 | 1.07   | cps   |
| Chromium   | 52-2  | 867      | 810      | 907      | 861      | 5.64   | cps   |
| Cobalt     | 59-2  | 480      | 550      | 577      | 536      | 9.32   | cps   |
| Copper     | 63-2  | 332656   | 332028   | 332561   | 332415   | 0.10   | cps   |
| Dysprosium | 156-1 | 92       | 25       | 100      | 72       | 56.92  | cps   |
| Dysprosium | 156-2 | 20       | 30       | 33       | 28       | 24.98  | cps   |
| Erbium     | 164-1 | 58       | 50       | 33       | 47       | 26.97  | cps   |
| Erbium     | 164-2 | 20       | 10       | 20       | 17       | 34.64  | cps   |
| Gadolinium | 160-1 | 50       | 83       | 75       | 69       | 24.98  | cps   |
| Gadolinium | 160-2 | 113      | 123      | 110      | 116      | 6.01   | cps   |
| Holmium    | 165-1 | 11127723 | 10669791 | 10801427 | 10866314 | 2.17   | cps   |
| Holmium    | 165-2 | 5166618  | 5229911  | 5105663  | 5167398  | 1.20   | cps   |
| Indium     | 115-1 | 8185260  | 7872143  | 7964109  | 8007171  | 2.01   | cps   |
| Indium     | 115-2 | 1507485  | 1522486  | 1483751  | 1504574  | 1.30   | cps   |
| Iron       | 56-2  | 114369   | 116279   | 115786   | 115478   | 0.86   | cps   |
| Iron       | 57-2  | 4012     | 4034     | 4390     | 4145     | 5.12   | cps   |
| Lead       | 206-1 | 3867     | 3962     | 4156     | 3995     | 3.69   | cps   |
| Lead       | 207-1 | 3595     | 3456     | 3423     | 3491     | 2.62   | cps   |
| Lead       | 208-1 | 15604    | 15259    | 16221    | 15695    | 3.10   | cps   |
| Lithium    | 6-1   | 1189310  | 1153038  | 1158160  | 1166836  | 1.68   | cps   |
| Magnesium  | 24-2  | 1415182  | 1424844  | 1418109  | 1419378  | 0.35   | cps   |
| Manganese  | 55-2  | 17954    | 18041    | 18295    | 18097    | 0.98   | cps   |

LB Number : LB88853 Operator : Jaswal  
 Lab Sample ID : I4278-01RE Instrumnet Name : P7  
 Client Sample ID : DC3126-01-BS-CLB46-V Dilution Factor : 1  
 Date & Time Acquired :: 2017-07-19 15:12:47 DataFile Name : 047SMPL\_P7071917 -M

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|------------|-------|----------|----------|----------|----------|--------|-------|
| Molybdenum | 94-1  | 3934     | 3734     | 3742     | 3803     | 2.98   | cps   |
| Molybdenum | 95-1  | 6560     | 6143     | 6218     | 6307     | 3.52   | cps   |
| Molybdenum | 96-1  | 6844     | 6477     | 6944     | 6755     | 3.64   | cps   |
| Molybdenum | 97-1  | 4267     | 4051     | 4034     | 4117     | 3.16   | cps   |
| Molybdenum | 98-1  | 10896    | 10346    | 10004    | 10415    | 4.32   | cps   |
| Neodymium  | 150-1 | 20       | 7        | 20       | 16       | 49.47  | cps   |
| Neodymium  | 150-2 | 7        | 3        | 13       | 8        | 65.47  | cps   |
| Nickel     | 60-2  | 1227     | 1233     | 1187     | 1216     | 2.08   | cps   |
| Phosphorus | 31-2  | 975      | 892      | 958      | 942      | 4.68   | cps   |
| Potassium  | 39-2  | 417653   | 421640   | 418990   | 419428   | 0.48   | cps   |
| Rhodium    | 103-1 | 7113836  | 6784437  | 6902733  | 6933668  | 2.41   | cps   |
| Rhodium    | 103-2 | 3114587  | 3137457  | 3072977  | 3108340  | 1.05   | cps   |
| Scandium   | 45-1  | 4248352  | 3972258  | 4003561  | 4074724  | 3.71   | cps   |
| Scandium   | 45-2  | 178423   | 179233   | 175702   | 177786   | 1.04   | cps   |
| Selenium   | 77-2  | 0        | 3        | 0        | 1        | 173.21 | cps   |
| Selenium   | 78-2  | 52       | 46       | 48       | 49       | 5.79   | cps   |
| Selenium   | 82-1  | 125      | 76       | 111      | 104      | 24.61  | cps   |
| Silicon    | 28-1  | 15678072 | 15533205 | 15438312 | 15549863 | 0.78   | cps   |
| Silver     | 109-1 | 225      | 217      | 200      | 214      | 5.95   | cps   |
| Silver     | 107-1 | 300      | 250      | 400      | 317      | 24.12  | cps   |
| Sodium     | 23-2  | 10201921 | 10216104 | 10208100 | 10208709 | 0.07   | cps   |
| Strontium  | 86-1  | 522516   | 520954   | 512243   | 518571   | 1.07   | cps   |
| Strontium  | 88-1  | 4664708  | 4591232  | 4539778  | 4598572  | 1.37   | cps   |
| Sulfur     | 34-1  | 833608   | 824025   | 822178   | 826604   | 0.74   | cps   |
| Terbium    | 159-1 | 11397436 | 10924638 | 10934087 | 11085387 | 2.44   | cps   |
| Terbium    | 159-2 | 5097868  | 5149360  | 5017830  | 5088353  | 1.30   | cps   |
| Thallium   | 203-1 | 217      | 175      | 108      | 167      | 32.79  | cps   |
| Thallium   | 205-1 | 525      | 533      | 525      | 528      | 0.91   | cps   |
| Tin        | 118-1 | 400      | 400      | 408      | 403      | 1.19   | cps   |
| Titanium   | 47-1  | 533      | 542      | 517      | 531      | 2.40   | cps   |
| Uranium    | 238-1 | 4409     | 4543     | 4859     | 4604     | 5.02   | cps   |
| Vanadium   | 51-2  | 1670     | 1553     | 1557     | 1593     | 4.17   | cps   |
| Yttrium    | 89-1  | 8115648  | 7747223  | 7828285  | 7897052  | 2.45   | cps   |
| Yttrium    | 89-2  | 1108912  | 1119267  | 1091985  | 1106721  | 1.24   | cps   |
| Zinc       | 66-2  | 12262    | 12145    | 12415    | 12274    | 1.10   | cps   |
| Zirconium  | 90-1  | 658      | 650      | 575      | 628      | 7.31   | cps   |

|                         |                      |                   |                     |
|-------------------------|----------------------|-------------------|---------------------|
| LB Number :             | LB88853              | Operator :        | Jaswal              |
| Lab Sample ID :         | I4278-01RE           | Instrumnet Name : | P7                  |
| Client Sample ID :      | DC3126-01-BS-CLB46-V | Dilution Factor : | 1                   |
| Date & Time Acquired :: | 2017-07-19 15:12:47  | DataFile Name :   | 047SMPL_P7071917 -M |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|-----------|------|------|------|------|---------|--------|-------|
| Zirconium | 91-1 | 133  | 125  | 92   | 117     | 18.90  | cps   |

LB Number : LB88853 Operator : Jaswal  
 Lab Sample ID : I4278-02RE Instrumnet Name : P7  
 Client Sample ID : DC3126-02-BS-CLB46-V Dilution Factor : 1  
 Date & Time Acquired :: 2017-07-19 15:16:15 DataFile Name : 048SMPL\_P7071917 -M

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|------------|-------|----------|----------|----------|----------|--------|-------|
| Aluminium  | 27-2  | 1217     | 1108     | 1033     | 1120     | 8.23   | cps   |
| Antimony   | 121-1 | 2684     | 2667     | 2250     | 2534     | 9.69   | cps   |
| Arsenic    | 75-2  | 100      | 100      | 119      | 106      | 10.07  | cps   |
| Barium     | 135-1 | 116074   | 114291   | 115839   | 115401   | 0.84   | cps   |
| Barium     | 137-1 | 204799   | 200538   | 202022   | 202453   | 1.07   | cps   |
| Beryllium  | 9-1   | 61       | 72       | 61       | 65       | 9.90   | cps   |
| Bismuth    | 209-1 | 7224974  | 7257912  | 7251072  | 7244653  | 0.24   | cps   |
| Bismuth    | 209-2 | 4099545  | 3997495  | 3944311  | 4013783  | 1.97   | cps   |
| Boron      | 10-1  | 6460     | 6702     | 6418     | 6527     | 2.34   | cps   |
| Boron      | 11-1  | 32770    | 33195    | 34599    | 33521    | 2.86   | cps   |
| Cadmium    | 111-1 | 2115     | 2159     | 1903     | 2059     | 6.65   | cps   |
| Cadmium    | 106-1 | 2817     | 2817     | 2534     | 2723     | 6.01   | cps   |
| Cadmium    | 108-1 | 46       | 13       | 42       | 33       | 54.49  | cps   |
| Calcium    | 43-1  | 654625   | 644674   | 647752   | 649017   | 0.78   | cps   |
| Calcium    | 44-1  | 10652907 | 10565004 | 10546754 | 10588222 | 0.54   | cps   |
| Chromium   | 52-2  | 793      | 660      | 740      | 731      | 9.18   | cps   |
| Cobalt     | 59-2  | 397      | 413      | 417      | 409      | 2.62   | cps   |
| Copper     | 63-2  | 1599644  | 1611674  | 1606478  | 1605932  | 0.38   | cps   |
| Dysprosium | 156-1 | 58       | 58       | 58       | 58       | 0.00   | cps   |
| Dysprosium | 156-2 | 40       | 23       | 20       | 28       | 38.58  | cps   |
| Erbium     | 164-1 | 50       | 42       | 25       | 39       | 32.73  | cps   |
| Erbium     | 164-2 | 33       | 23       | 27       | 28       | 18.33  | cps   |
| Gadolinium | 160-1 | 125      | 100      | 100      | 108      | 13.33  | cps   |
| Gadolinium | 160-2 | 90       | 103      | 83       | 92       | 11.04  | cps   |
| Holmium    | 165-1 | 11074818 | 10971651 | 10809965 | 10952144 | 1.22   | cps   |
| Holmium    | 165-2 | 5239756  | 5144038  | 5159759  | 5181185  | 0.99   | cps   |
| Indium     | 115-1 | 8036632  | 7996981  | 7932040  | 7988551  | 0.66   | cps   |
| Indium     | 115-2 | 1517859  | 1484612  | 1492032  | 1498168  | 1.16   | cps   |
| Iron       | 56-2  | 163785   | 164150   | 165173   | 164370   | 0.44   | cps   |
| Iron       | 57-2  | 5496     | 5829     | 5401     | 5575     | 4.03   | cps   |
| Lead       | 206-1 | 1831777  | 1830851  | 1820990  | 1827873  | 0.33   | cps   |
| Lead       | 207-1 | 1559364  | 1551638  | 1534398  | 1548467  | 0.83   | cps   |
| Lead       | 208-1 | 7306429  | 7241755  | 7198877  | 7249020  | 0.75   | cps   |
| Lithium    | 6-1   | 1180638  | 1165820  | 1166350  | 1170936  | 0.72   | cps   |
| Magnesium  | 24-2  | 1300502  | 1298050  | 1296268  | 1298273  | 0.16   | cps   |
| Manganese  | 55-2  | 14878    | 14924    | 14748    | 14850    | 0.62   | cps   |

|                         |                      |                   |                     |
|-------------------------|----------------------|-------------------|---------------------|
| LB Number :             | LB88853              | Operator :        | Jaswal              |
| Lab Sample ID :         | I4278-02RE           | Instrumnet Name : | P7                  |
| Client Sample ID :      | DC3126-02-BS-CLB46-V | Dilution Factor : | 1                   |
| Date & Time Acquired :: | 2017-07-19 15:16:15  | DataFile Name :   | 048SMPL_P7071917 -M |

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|------------|-------|----------|----------|----------|----------|--------|-------|
| Molybdenum | 94-1  | 2784     | 2925     | 3259     | 2989     | 8.16   | cps   |
| Molybdenum | 95-1  | 4584     | 4384     | 4918     | 4629     | 5.82   | cps   |
| Molybdenum | 96-1  | 5410     | 5101     | 5193     | 5235     | 3.03   | cps   |
| Molybdenum | 97-1  | 3217     | 2950     | 2984     | 3050     | 4.76   | cps   |
| Molybdenum | 98-1  | 7427     | 7594     | 7828     | 7616     | 2.64   | cps   |
| Neodymium  | 150-1 | 20       | 27       | 7        | 18       | 57.27  | cps   |
| Neodymium  | 150-2 | 10       | 13       | 3        | 9        | 57.30  | cps   |
| Nickel     | 60-2  | 2157     | 2154     | 2060     | 2124     | 2.58   | cps   |
| Phosphorus | 31-2  | 1008     | 958      | 1242     | 1070     | 14.14  | cps   |
| Potassium  | 39-2  | 408035   | 406311   | 410208   | 408185   | 0.48   | cps   |
| Rhodium    | 103-1 | 6943231  | 6918524  | 6872392  | 6911382  | 0.52   | cps   |
| Rhodium    | 103-2 | 3148525  | 3093288  | 3094812  | 3112208  | 1.01   | cps   |
| Scandium   | 45-1  | 4053603  | 4039454  | 4024633  | 4039230  | 0.36   | cps   |
| Scandium   | 45-2  | 181311   | 175971   | 174245   | 177176   | 2.08   | cps   |
| Selenium   | 77-2  | 0        | 0        | 7        | 2        | 173.21 | cps   |
| Selenium   | 78-2  | 72       | 59       | 81       | 71       | 15.72  | cps   |
| Selenium   | 82-1  | 152      | 64       | 67       | 94       | 52.90  | cps   |
| Silicon    | 28-1  | 16387368 | 16417312 | 16259922 | 16354867 | 0.51   | cps   |
| Silver     | 109-1 | 342      | 350      | 300      | 331      | 8.10   | cps   |
| Silver     | 107-1 | 517      | 333      | 308      | 386      | 29.46  | cps   |
| Sodium     | 23-2  | 9848755  | 9845333  | 9803752  | 9832614  | 0.25   | cps   |
| Strontium  | 86-1  | 566618   | 563877   | 557306   | 562600   | 0.85   | cps   |
| Strontium  | 88-1  | 5029448  | 4992279  | 4959063  | 4993597  | 0.71   | cps   |
| Sulfur     | 34-1  | 818743   | 815169   | 810259   | 814724   | 0.52   | cps   |
| Terbium    | 159-1 | 11193251 | 11246442 | 11164031 | 11201241 | 0.37   | cps   |
| Terbium    | 159-2 | 5153376  | 5079787  | 5057424  | 5096862  | 0.98   | cps   |
| Thallium   | 203-1 | 292      | 333      | 275      | 300      | 10.02  | cps   |
| Thallium   | 205-1 | 733      | 733      | 692      | 720      | 3.34   | cps   |
| Tin        | 118-1 | 27244    | 27954    | 27244    | 27481    | 1.49   | cps   |
| Titanium   | 47-1  | 542      | 350      | 492      | 461      | 21.56  | cps   |
| Uranium    | 238-1 | 4910     | 5510     | 5385     | 5268     | 6.01   | cps   |
| Vanadium   | 51-2  | 1570     | 1580     | 1610     | 1587     | 1.31   | cps   |
| Yttrium    | 89-1  | 7870699  | 7891619  | 7829823  | 7864047  | 0.40   | cps   |
| Yttrium    | 89-2  | 1117459  | 1104765  | 1098135  | 1106786  | 0.89   | cps   |
| Zinc       | 66-2  | 144768   | 145994   | 143961   | 144908   | 0.71   | cps   |
| Zirconium  | 90-1  | 475      | 675      | 633      | 594      | 17.75  | cps   |

|                         |                      |                   |                     |
|-------------------------|----------------------|-------------------|---------------------|
| LB Number :             | LB88853              | Operator :        | Jaswal              |
| Lab Sample ID :         | I4278-02RE           | Instrumnet Name : | P7                  |
| Client Sample ID :      | DC3126-02-BS-CLB46-V | Dilution Factor : | 1                   |
| Date & Time Acquired :: | 2017-07-19 15:16:15  | DataFile Name :   | 048SMPL_P7071917 -M |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|-----------|------|------|------|------|---------|--------|-------|
| Zirconium | 91-1 | 75   | 158  | 167  | 133     | 38.02  | cps   |

LB Number : LB88853 Operator : Jaswal  
 Lab Sample ID : CCV34 Instrumnet Name : P7  
 Client Sample ID : CCV34 Dilution Factor : 1  
 Date & Time Acquired :: 2017-07-19 15:19:43 DataFile Name : 049CCV\_P7071917 -MS.

| Parameter  | Mass  | CPS1      | CPS2      | CPS3      | CPSMean   | CPSRSD | Units |
|------------|-------|-----------|-----------|-----------|-----------|--------|-------|
| Aluminium  | 27-2  | 2965073   | 3006472   | 3008777   | 2993441   | 0.82   | cps   |
| Antimony   | 121-1 | 3908825   | 3922113   | 3948023   | 3926321   | 0.51   | cps   |
| Arsenic    | 75-2  | 117227    | 117636    | 117178    | 117347    | 0.21   | cps   |
| Barium     | 135-1 | 5113629   | 5124554   | 5126497   | 5121560   | 0.14   | cps   |
| Barium     | 137-1 | 8855134   | 8865625   | 8916357   | 8879039   | 0.37   | cps   |
| Beryllium  | 9-1   | 465218    | 469030    | 474214    | 469488    | 0.96   | cps   |
| Bismuth    | 209-1 | 6092831   | 6134102   | 6172660   | 6133198   | 0.65   | cps   |
| Bismuth    | 209-2 | 3594850   | 3518773   | 3581210   | 3564944   | 1.14   | cps   |
| Boron      | 10-1  | 50686     | 52785     | 52902     | 52124     | 2.39   | cps   |
| Boron      | 11-1  | 247424    | 257648    | 259461    | 254844    | 2.55   | cps   |
| Cadmium    | 111-1 | 870925    | 875776    | 876075    | 874259    | 0.33   | cps   |
| Cadmium    | 106-1 | 96528     | 98003     | 98566     | 97699     | 1.08   | cps   |
| Cadmium    | 108-1 | 62324     | 62562     | 64119     | 63002     | 1.55   | cps   |
| Calcium    | 43-1  | 4894414   | 4861142   | 4892394   | 4882650   | 0.38   | cps   |
| Calcium    | 44-1  | 78240908  | 79069012  | 79100310  | 78803410  | 0.62   | cps   |
| Chromium   | 52-2  | 996579    | 1009861   | 1012133   | 1006191   | 0.83   | cps   |
| Cobalt     | 59-2  | 1573776   | 1587972   | 1588767   | 1583505   | 0.53   | cps   |
| Copper     | 63-2  | 2190844   | 2214029   | 2209611   | 2204828   | 0.56   | cps   |
| Dysprosium | 156-1 | 183       | 183       | 175       | 181       | 2.66   | cps   |
| Dysprosium | 156-2 | 67        | 47        | 90        | 68        | 32.00  | cps   |
| Erbium     | 164-1 | 67        | 100       | 117       | 94        | 26.96  | cps   |
| Erbium     | 164-2 | 17        | 20        | 23        | 20        | 16.65  | cps   |
| Gadolinium | 160-1 | 75        | 58        | 133       | 89        | 44.30  | cps   |
| Gadolinium | 160-2 | 87        | 107       | 100       | 98        | 10.41  | cps   |
| Holmium    | 165-1 | 9825698   | 9890297   | 9853496   | 9856497   | 0.33   | cps   |
| Holmium    | 165-2 | 4936566   | 4833638   | 4946348   | 4905518   | 1.27   | cps   |
| Indium     | 115-1 | 7018041   | 7115926   | 7070620   | 7068196   | 0.69   | cps   |
| Indium     | 115-2 | 1400870   | 1369325   | 1399453   | 1389883   | 1.28   | cps   |
| Iron       | 56-2  | 196565443 | 198568699 | 198151816 | 197761986 | 0.53   | cps   |
| Iron       | 57-2  | 4957142   | 5003624   | 5003685   | 4988150   | 0.54   | cps   |
| Lead       | 206-1 | 3213316   | 3254471   | 3273855   | 3247214   | 0.95   | cps   |
| Lead       | 207-1 | 2971252   | 2959647   | 2996232   | 2975710   | 0.63   | cps   |
| Lead       | 208-1 | 13334860  | 13279669  | 13459219  | 13357916  | 0.69   | cps   |
| Lithium    | 6-1   | 1084168   | 1093917   | 1104219   | 1094101   | 0.92   | cps   |
| Magnesium  | 24-2  | 33287596  | 33365595  | 33916474  | 33523221  | 1.02   | cps   |
| Manganese  | 55-2  | 1144630   | 1148456   | 1151272   | 1148119   | 0.29   | cps   |

|                         |                     |                   |                      |
|-------------------------|---------------------|-------------------|----------------------|
| LB Number :             | LB88853             | Operator :        | Jaswal               |
| Lab Sample ID :         | CCV34               | Instrumnet Name : | P7                   |
| Client Sample ID :      | CCV34               | Dilution Factor : | 1                    |
| Date & Time Acquired :: | 2017-07-19 15:19:43 | DataFile Name :   | 049CCV_P7071917 -MS. |

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|------------|-------|----------|----------|----------|----------|--------|-------|
| Molybdenum | 94-1  | 3281219  | 3307988  | 3303668  | 3297625  | 0.44   | cps   |
| Molybdenum | 95-1  | 1866121  | 1886438  | 1880607  | 1877722  | 0.56   | cps   |
| Molybdenum | 96-1  | 2372694  | 2373154  | 2386217  | 2377355  | 0.32   | cps   |
| Molybdenum | 97-1  | 1152582  | 1157760  | 1164228  | 1158190  | 0.50   | cps   |
| Molybdenum | 98-1  | 3003833  | 3016911  | 3027792  | 3016179  | 0.40   | cps   |
| Neodymium  | 150-1 | 547      | 493      | 507      | 516      | 5.38   | cps   |
| Neodymium  | 150-2 | 73       | 73       | 63       | 70       | 8.25   | cps   |
| Nickel     | 60-2  | 407599   | 413870   | 412393   | 411287   | 0.80   | cps   |
| Phosphorus | 31-2  | 31509    | 31760    | 31568    | 31612    | 0.41   | cps   |
| Potassium  | 39-2  | 17945972 | 18067663 | 17977021 | 17996885 | 0.35   | cps   |
| Rhodium    | 103-1 | 5982758  | 6055475  | 6057671  | 6031968  | 0.71   | cps   |
| Rhodium    | 103-2 | 2806852  | 2780336  | 2821230  | 2802806  | 0.74   | cps   |
| Scandium   | 45-1  | 3796828  | 3812224  | 3837481  | 3815511  | 0.54   | cps   |
| Scandium   | 45-2  | 178694   | 176032   | 178662   | 177796   | 0.86   | cps   |
| Selenium   | 77-2  | 2394     | 2204     | 2387     | 2328     | 4.63   | cps   |
| Selenium   | 78-2  | 8165     | 7956     | 7876     | 7999     | 1.87   | cps   |
| Selenium   | 82-1  | 52095    | 51634    | 51405    | 51711    | 0.68   | cps   |
| Silicon    | 28-1  | 2258151  | 2286666  | 2313003  | 2285940  | 1.20   | cps   |
| Silver     | 109-1 | 4111000  | 4137950  | 4152518  | 4133822  | 0.51   | cps   |
| Silver     | 107-1 | 4289655  | 4325693  | 4298496  | 4304615  | 0.44   | cps   |
| Sodium     | 23-2  | 62823268 | 63375585 | 63255926 | 63151593 | 0.46   | cps   |
| Strontium  | 86-1  | 1215432  | 1227375  | 1236354  | 1226387  | 0.86   | cps   |
| Strontium  | 88-1  | 10767773 | 10837946 | 10878894 | 10828204 | 0.52   | cps   |
| Sulfur     | 34-1  | 482003   | 483259   | 486533   | 483932   | 0.48   | cps   |
| Terbium    | 159-1 | 10063779 | 10184242 | 10206813 | 10151611 | 0.76   | cps   |
| Terbium    | 159-2 | 4833523  | 4755825  | 4861863  | 4817071  | 1.14   | cps   |
| Thallium   | 203-1 | 3996812  | 4011276  | 4036636  | 4014908  | 0.50   | cps   |
| Thallium   | 205-1 | 9655485  | 9743773  | 9711603  | 9703621  | 0.46   | cps   |
| Tin        | 118-1 | 3206985  | 3211370  | 3223983  | 3214112  | 0.27   | cps   |
| Titanium   | 47-1  | 459656   | 464206   | 460691   | 461518   | 0.52   | cps   |
| Uranium    | 238-1 | 14292846 | 14430631 | 14389831 | 14371103 | 0.49   | cps   |
| Vanadium   | 51-2  | 828090   | 838042   | 841947   | 836026   | 0.85   | cps   |
| Yttrium    | 89-1  | 7275033  | 7322144  | 7330700  | 7309292  | 0.41   | cps   |
| Yttrium    | 89-2  | 1067462  | 1056888  | 1070250  | 1064867  | 0.66   | cps   |
| Zinc       | 66-2  | 299925   | 302247   | 300825   | 300999   | 0.39   | cps   |
| Zirconium  | 90-1  | 6063538  | 6065678  | 6210110  | 6113109  | 1.37   | cps   |



|                         |                     |                   |                      |
|-------------------------|---------------------|-------------------|----------------------|
| LB Number :             | LB88853             | Operator :        | Jaswal               |
| Lab Sample ID :         | CCV34               | Instrumnet Name : | P7                   |
| Client Sample ID :      | CCV34               | Dilution Factor : | 1                    |
| Date & Time Acquired :: | 2017-07-19 15:19:43 | DataFile Name :   | 049CCV_P7071917 -MS. |

| Parameter | Mass | CPS1    | CPS2    | CPS3    | CPSMean | CPSRSD | Units |
|-----------|------|---------|---------|---------|---------|--------|-------|
| Zirconium | 91-1 | 1339396 | 1350750 | 1360356 | 1350167 | 0.78   | cps   |

|                         |                     |                   |                     |
|-------------------------|---------------------|-------------------|---------------------|
| LB Number :             | LB88853             | Operator :        | Jaswal              |
| Lab Sample ID :         | CCB34               | Instrumnet Name : | P7                  |
| Client Sample ID :      | CCB34               | Dilution Factor : | 1                   |
| Date & Time Acquired :: | 2017-07-19 15:29:14 | DataFile Name :   | 050CCBE_P7071917 -M |

| Parameter  | Mass  | CPS1     | CPS2     | CPS3    | CPSMean  | CPSRSD | Units |
|------------|-------|----------|----------|---------|----------|--------|-------|
| Aluminium  | 27-2  | 75       | 42       | 92      | 69       | 36.66  | cps   |
| Antimony   | 121-1 | 1500     | 1667     | 1517    | 1561     | 5.88   | cps   |
| Arsenic    | 75-2  | 19       | 26       | 24      | 23       | 16.88  | cps   |
| Barium     | 135-1 | 42       | 42       | 42      | 42       | 0.00   | cps   |
| Barium     | 137-1 | 58       | 67       | 67      | 64       | 7.53   | cps   |
| Beryllium  | 9-1   | 239      | 172      | 222     | 211      | 16.43  | cps   |
| Bismuth    | 209-1 | 6903633  | 6877636  | 6604355 | 6795208  | 2.44   | cps   |
| Bismuth    | 209-2 | 3806938  | 3953782  | 4027307 | 3929342  | 2.86   | cps   |
| Boron      | 10-1  | 717      | 825      | 742     | 761      | 7.45   | cps   |
| Boron      | 11-1  | 4176     | 3576     | 3692    | 3815     | 8.34   | cps   |
| Cadmium    | 111-1 | 1646     | 1621     | 1751    | 1673     | 4.11   | cps   |
| Cadmium    | 106-1 | 2342     | 2300     | 2492    | 2378     | 4.24   | cps   |
| Cadmium    | 108-1 | 8        | 8        | 21      | 12       | 57.75  | cps   |
| Calcium    | 43-1  | 92       | 250      | 192     | 178      | 45.04  | cps   |
| Calcium    | 44-1  | 4342     | 4576     | 4759    | 4559     | 4.58   | cps   |
| Chromium   | 52-2  | 400      | 433      | 403     | 412      | 4.45   | cps   |
| Cobalt     | 59-2  | 150      | 163      | 180     | 164      | 9.14   | cps   |
| Copper     | 63-2  | 1050     | 903      | 1050    | 1001     | 8.46   | cps   |
| Dysprosium | 156-1 | 17       | 33       | 17      | 22       | 43.28  | cps   |
| Dysprosium | 156-2 | 7        | 0        | 0       | 2        | 173.21 | cps   |
| Erbium     | 164-1 | 25       | 17       | 75      | 39       | 81.12  | cps   |
| Erbium     | 164-2 | 17       | 17       | 17      | 17       | 0.00   | cps   |
| Gadolinium | 160-1 | 67       | 67       | 58      | 64       | 7.53   | cps   |
| Gadolinium | 160-2 | 83       | 63       | 67      | 71       | 15.07  | cps   |
| Holmium    | 165-1 | 10199870 | 10095348 | 9879859 | 10058359 | 1.62   | cps   |
| Holmium    | 165-2 | 4749928  | 4927695  | 4977991 | 4885205  | 2.45   | cps   |
| Indium     | 115-1 | 7564439  | 7460590  | 7310547 | 7445192  | 1.71   | cps   |
| Indium     | 115-2 | 1420049  | 1445344  | 1466010 | 1443801  | 1.59   | cps   |
| Iron       | 56-2  | 8041     | 8292     | 8203    | 8178     | 1.55   | cps   |
| Iron       | 57-2  | 333      | 356      | 456     | 381      | 17.07  | cps   |
| Lead       | 206-1 | 1189     | 1206     | 1267    | 1220     | 3.36   | cps   |
| Lead       | 207-1 | 1011     | 1056     | 1145    | 1070     | 6.34   | cps   |
| Lead       | 208-1 | 4812     | 5034     | 4850    | 4899     | 2.42   | cps   |
| Lithium    | 6-1   | 1132418  | 1128488  | 1105703 | 1122203  | 1.29   | cps   |
| Magnesium  | 24-2  | 850      | 925      | 892     | 889      | 4.23   | cps   |
| Manganese  | 55-2  | 2104     | 2257     | 2274    | 2211     | 4.24   | cps   |

|                         |                     |                   |                     |
|-------------------------|---------------------|-------------------|---------------------|
| LB Number :             | LB88853             | Operator :        | Jaswal              |
| Lab Sample ID :         | CCB34               | Instrumnet Name : | P7                  |
| Client Sample ID :      | CCB34               | Dilution Factor : | 1                   |
| Date & Time Acquired :: | 2017-07-19 15:29:14 | DataFile Name :   | 050CCBE_P7071917 -M |

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD  | Units |
|------------|-------|----------|----------|----------|----------|---------|-------|
| Molybdenum | 94-1  | 683      | 542      | 667      | 631      | 12.28   | cps   |
| Molybdenum | 95-1  | 242      | 200      | 208      | 217      | 10.18   | cps   |
| Molybdenum | 96-1  | 325      | 300      | 375      | 333      | 11.46   | cps   |
| Molybdenum | 97-1  | 142      | 167      | 167      | 158      | 9.12    | cps   |
| Molybdenum | 98-1  | 350      | 292      | 375      | 339      | 12.62   | cps   |
| Neodymium  | 150-1 | 0        | 0        | 0        | 0        | 0.00    | cps   |
| Neodymium  | 150-2 | 0        | 0        | 0        | 0        | 0.00    | cps   |
| Nickel     | 60-2  | 463      | 457      | 567      | 496      | 12.45   | cps   |
| Phosphorus | 31-2  | 100      | 117      | 125      | 114      | 11.18   | cps   |
| Potassium  | 39-2  | 26190    | 25924    | 26474    | 26196    | 1.05    | cps   |
| Rhodium    | 103-1 | 6605882  | 6586643  | 6407852  | 6533459  | 1.67    | cps   |
| Rhodium    | 103-2 | 2962721  | 3051133  | 3083768  | 3032541  | 2.07    | cps   |
| Scandium   | 45-1  | 3851806  | 3814336  | 3685457  | 3783866  | 2.31    | cps   |
| Scandium   | 45-2  | 166311   | 174345   | 173826   | 171494   | 2.62    | cps   |
| Selenium   | 77-2  | 0        | 0        | 0        | 0        | 0.00    | cps   |
| Selenium   | 78-2  | 65       | 67       | 57       | 63       | 7.78    | cps   |
| Selenium   | 82-1  | -18      | -84      | 2        | -33      | -134.44 | cps   |
| Silicon    | 28-1  | 246675   | 245899   | 249296   | 247290   | 0.72    | cps   |
| Silver     | 109-1 | 200      | 158      | 150      | 169      | 15.81   | cps   |
| Silver     | 107-1 | 150      | 175      | 308      | 211      | 40.32   | cps   |
| Sodium     | 23-2  | 12172    | 12264    | 12089    | 12175    | 0.72    | cps   |
| Strontium  | 86-1  | 825      | 692      | 608      | 708      | 15.43   | cps   |
| Strontium  | 88-1  | 250      | 242      | 225      | 239      | 5.33    | cps   |
| Sulfur     | 34-1  | 220501   | 222556   | 218395   | 220484   | 0.94    | cps   |
| Terbium    | 159-1 | 10400270 | 10377015 | 10047073 | 10274786 | 1.92    | cps   |
| Terbium    | 159-2 | 4702815  | 4865983  | 4916702  | 4828500  | 2.31    | cps   |
| Thallium   | 203-1 | 358      | 408      | 300      | 356      | 15.25   | cps   |
| Thallium   | 205-1 | 975      | 783      | 842      | 867      | 11.34   | cps   |
| Tin        | 118-1 | 1358     | 1275     | 1383     | 1339     | 4.24    | cps   |
| Titanium   | 47-1  | 92       | 117      | 42       | 83       | 45.82   | cps   |
| Uranium    | 238-1 | 125      | 75       | 67       | 89       | 35.50   | cps   |
| Vanadium   | 51-2  | 10       | 3        | 7        | 7        | 50.03   | cps   |
| Yttrium    | 89-1  | 7429618  | 7367189  | 7188180  | 7328329  | 1.71    | cps   |
| Yttrium    | 89-2  | 1033918  | 1065572  | 1079149  | 1059546  | 2.19    | cps   |
| Zinc       | 66-2  | 303      | 263      | 283      | 283      | 7.06    | cps   |
| Zirconium  | 90-1  | 1333     | 1200     | 1333     | 1289     | 5.97    | cps   |

|                         |                     |                   |                      |
|-------------------------|---------------------|-------------------|----------------------|
| LB Number :             | LB88853             | Operator :        | Jaswal               |
| Lab Sample ID :         | CCB34               | Instrumnet Name : | P7                   |
| Client Sample ID :      | CCB34               | Dilution Factor : | 1                    |
| Date & Time Acquired :: | 2017-07-19 15:29:14 | DataFile Name :   | 050CCBE_P7071917 -M: |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|-----------|------|------|------|------|---------|--------|-------|
| Zirconium | 91-1 | 342  | 258  | 250  | 283     | 17.89  | cps   |

|                         |                     |                   |                     |
|-------------------------|---------------------|-------------------|---------------------|
| LB Number :             | LB88853             | Operator :        | Jaswal              |
| Lab Sample ID :         | I4255-01DLX2        | Instrumnet Name : | P7                  |
| Client Sample ID :      | MH0CC0              | Dilution Factor : | 2                   |
| Date & Time Acquired :: | 2017-07-19 15:32:42 | DataFile Name :   | 051SMPL_P7071917 -M |

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|------------|-------|----------|----------|----------|----------|--------|-------|
| Aluminium  | 27-2  | 908      | 1008     | 875      | 931      | 7.46   | cps   |
| Antimony   | 121-1 | 2542     | 2309     | 2450     | 2434     | 4.83   | cps   |
| Arsenic    | 75-2  | 976      | 959      | 902      | 946      | 4.11   | cps   |
| Barium     | 135-1 | 82654    | 82722    | 82469    | 82615    | 0.16   | cps   |
| Barium     | 137-1 | 147475   | 143930   | 144428   | 145278   | 1.32   | cps   |
| Beryllium  | 9-1   | 244      | 228      | 206      | 226      | 8.64   | cps   |
| Bismuth    | 209-1 | 6989092  | 6955402  | 6999960  | 6981484  | 0.33   | cps   |
| Bismuth    | 209-2 | 3895187  | 3917156  | 3910398  | 3907580  | 0.29   | cps   |
| Boron      | 10-1  | 3075     | 3209     | 3259     | 3181     | 2.98   | cps   |
| Boron      | 11-1  | 15283    | 15700    | 15759    | 15581    | 1.66   | cps   |
| Cadmium    | 111-1 | 2072     | 2137     | 2218     | 2142     | 3.42   | cps   |
| Cadmium    | 106-1 | 2942     | 3025     | 3150     | 3039     | 3.45   | cps   |
| Cadmium    | 108-1 | 221      | 246      | 250      | 239      | 6.60   | cps   |
| Calcium    | 43-1  | 2441594  | 2442233  | 2427753  | 2437193  | 0.34   | cps   |
| Calcium    | 44-1  | 39670747 | 39617599 | 39553794 | 39614046 | 0.15   | cps   |
| Chromium   | 52-2  | 597      | 597      | 553      | 582      | 4.30   | cps   |
| Cobalt     | 59-2  | 123417   | 126150   | 124438   | 124668   | 1.11   | cps   |
| Copper     | 63-2  | 2797     | 2747     | 2930     | 2825     | 3.36   | cps   |
| Dysprosium | 156-1 | 358      | 492      | 433      | 428      | 15.63  | cps   |
| Dysprosium | 156-2 | 217      | 210      | 220      | 216      | 2.36   | cps   |
| Erbium     | 164-1 | 442      | 375      | 483      | 433      | 12.61  | cps   |
| Erbium     | 164-2 | 197      | 283      | 223      | 234      | 18.93  | cps   |
| Gadolinium | 160-1 | 425      | 417      | 400      | 414      | 3.08   | cps   |
| Gadolinium | 160-2 | 287      | 350      | 237      | 291      | 19.51  | cps   |
| Holmium    | 165-1 | 10605031 | 10530042 | 10667293 | 10600789 | 0.65   | cps   |
| Holmium    | 165-2 | 5029077  | 5055771  | 5043848  | 5042899  | 0.27   | cps   |
| Indium     | 115-1 | 7771116  | 7752883  | 7806619  | 7776873  | 0.35   | cps   |
| Indium     | 115-2 | 1459911  | 1469647  | 1467952  | 1465837  | 0.35   | cps   |
| Iron       | 56-2  | 2469430  | 2472617  | 2473949  | 2471998  | 0.09   | cps   |
| Iron       | 57-2  | 66300    | 67617    | 66757    | 66891    | 1.00   | cps   |
| Lead       | 206-1 | 1456     | 1550     | 1528     | 1511     | 3.27   | cps   |
| Lead       | 207-1 | 1456     | 1400     | 1328     | 1395     | 4.59   | cps   |
| Lead       | 208-1 | 6167     | 6429     | 6173     | 6256     | 2.38   | cps   |
| Lithium    | 6-1   | 1173198  | 1162357  | 1162780  | 1166112  | 0.53   | cps   |
| Magnesium  | 24-2  | 3545992  | 3549175  | 3518627  | 3537931  | 0.47   | cps   |
| Manganese  | 55-2  | 38136346 | 38039959 | 37978476 | 38051594 | 0.21   | cps   |

|                         |                     |                   |                     |
|-------------------------|---------------------|-------------------|---------------------|
| LB Number :             | LB88853             | Operator :        | Jaswal              |
| Lab Sample ID :         | I4255-01DLX2        | Instrumnet Name : | P7                  |
| Client Sample ID :      | MH0CC0              | Dilution Factor : | 2                   |
| Date & Time Acquired :: | 2017-07-19 15:32:42 | DataFile Name :   | 051SMPL_P7071917 -M |

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|------------|-------|----------|----------|----------|----------|--------|-------|
| Molybdenum | 94-1  | 6110     | 5026     | 4743     | 5293     | 13.63  | cps   |
| Molybdenum | 95-1  | 3459     | 2984     | 3701     | 3381     | 10.79  | cps   |
| Molybdenum | 96-1  | 1925     | 1767     | 1817     | 1836     | 4.41   | cps   |
| Molybdenum | 97-1  | 475      | 542      | 558      | 525      | 8.40   | cps   |
| Molybdenum | 98-1  | 1392     | 1258     | 1475     | 1375     | 7.95   | cps   |
| Neodymium  | 150-1 | 280      | 353      | 360      | 331      | 13.41  | cps   |
| Neodymium  | 150-2 | 130      | 133      | 90       | 118      | 20.48  | cps   |
| Nickel     | 60-2  | 12562    | 12485    | 12405    | 12484    | 0.63   | cps   |
| Phosphorus | 31-2  | 450      | 458      | 458      | 456      | 1.06   | cps   |
| Potassium  | 39-2  | 592671   | 592449   | 588999   | 591373   | 0.35   | cps   |
| Rhodium    | 103-1 | 6682159  | 6621024  | 6699294  | 6667492  | 0.62   | cps   |
| Rhodium    | 103-2 | 3010772  | 3033076  | 3029246  | 3024365  | 0.39   | cps   |
| Scandium   | 45-1  | 3913209  | 3913711  | 3958341  | 3928420  | 0.66   | cps   |
| Scandium   | 45-2  | 173192   | 173067   | 171995   | 172751   | 0.38   | cps   |
| Selenium   | 77-2  | 3        | 0        | 0        | 1        | 173.21 | cps   |
| Selenium   | 78-2  | 54       | 61       | 57       | 57       | 6.45   | cps   |
| Selenium   | 82-1  | 130      | 60       | 36       | 75       | 64.57  | cps   |
| Silicon    | 28-1  | 17746383 | 17637749 | 17573014 | 17652382 | 0.50   | cps   |
| Silver     | 109-1 | 1408     | 1533     | 1592     | 1511     | 6.20   | cps   |
| Silver     | 107-1 | 1392     | 1525     | 1717     | 1545     | 10.58  | cps   |
| Sodium     | 23-2  | 2390176  | 2390866  | 2376099  | 2385714  | 0.35   | cps   |
| Strontium  | 86-1  | 887546   | 879586   | 878853   | 881995   | 0.55   | cps   |
| Strontium  | 88-1  | 7841364  | 7843231  | 7813324  | 7832639  | 0.21   | cps   |
| Sulfur     | 34-1  | 3948057  | 3946332  | 3930844  | 3941744  | 0.24   | cps   |
| Terbium    | 159-1 | 10943041 | 10914571 | 10812997 | 10890203 | 0.63   | cps   |
| Terbium    | 159-2 | 4956658  | 4985034  | 4971057  | 4970916  | 0.29   | cps   |
| Thallium   | 203-1 | 617      | 550      | 425      | 531      | 18.34  | cps   |
| Thallium   | 205-1 | 1333     | 1275     | 1083     | 1231     | 10.63  | cps   |
| Tin        | 118-1 | 1167     | 1125     | 1158     | 1150     | 1.92   | cps   |
| Titanium   | 47-1  | 2142     | 2067     | 2217     | 2142     | 3.50   | cps   |
| Uranium    | 238-1 | 2167     | 2034     | 2125     | 2109     | 3.24   | cps   |
| Vanadium   | 51-2  | 273      | 297      | 313      | 294      | 6.82   | cps   |
| Yttrium    | 89-1  | 7752999  | 7674118  | 7727066  | 7718061  | 0.52   | cps   |
| Yttrium    | 89-2  | 1079376  | 1084416  | 1083863  | 1082552  | 0.26   | cps   |
| Zinc       | 66-2  | 1394163  | 1403016  | 1396455  | 1397878  | 0.33   | cps   |
| Zirconium  | 90-1  | 14066    | 12439    | 12231    | 12912    | 7.78   | cps   |

|                         |                     |                   |                     |
|-------------------------|---------------------|-------------------|---------------------|
| LB Number :             | LB88853             | Operator :        | Jaswal              |
| Lab Sample ID :         | I4255-01DLX2        | Instrumnet Name : | P7                  |
| Client Sample ID :      | MH0CC0              | Dilution Factor : | 2                   |
| Date & Time Acquired :: | 2017-07-19 15:32:42 | DataFile Name :   | 051SMPL_P7071917 -M |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|-----------|------|------|------|------|---------|--------|-------|
| Zirconium | 91-1 | 3067 | 3134 | 2809 | 3003    | 5.72   | cps   |

|                         |                     |                   |                     |
|-------------------------|---------------------|-------------------|---------------------|
| LB Number :             | LB88853             | Operator :        | Jaswal              |
| Lab Sample ID :         | I4255-02DLX2        | Instrumnet Name : | P7                  |
| Client Sample ID :      | MH0CC1              | Dilution Factor : | 2                   |
| Date & Time Acquired :: | 2017-07-19 15:36:08 | DataFile Name :   | 052SMPL_P7071917 -M |

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|------------|-------|----------|----------|----------|----------|--------|-------|
| Aluminium  | 27-2  | 496659   | 504211   | 498848   | 499906   | 0.78   | cps   |
| Antimony   | 121-1 | 3559     | 3767     | 3876     | 3734     | 4.31   | cps   |
| Arsenic    | 75-2  | 27456    | 27853    | 27246    | 27518    | 1.12   | cps   |
| Barium     | 135-1 | 16452    | 16477    | 16527    | 16485    | 0.23   | cps   |
| Barium     | 137-1 | 28396    | 28664    | 28730    | 28597    | 0.62   | cps   |
| Beryllium  | 9-1   | 6079     | 5985     | 5696     | 5920     | 3.38   | cps   |
| Bismuth    | 209-1 | 6918461  | 6954563  | 6912879  | 6928634  | 0.33   | cps   |
| Bismuth    | 209-2 | 3848042  | 3910362  | 3888172  | 3882192  | 0.81   | cps   |
| Boron      | 10-1  | 1975     | 2192     | 2092     | 2086     | 5.20   | cps   |
| Boron      | 11-1  | 10162    | 10646    | 10346    | 10385    | 2.35   | cps   |
| Cadmium    | 111-1 | 513427   | 516600   | 514451   | 514826   | 0.31   | cps   |
| Cadmium    | 106-1 | 54121    | 55384    | 55225    | 54910    | 1.25   | cps   |
| Cadmium    | 108-1 | 35900    | 35712    | 35808    | 35807    | 0.26   | cps   |
| Calcium    | 43-1  | 2582030  | 2567447  | 2544905  | 2564794  | 0.73   | cps   |
| Calcium    | 44-1  | 41881353 | 41514148 | 41455535 | 41617012 | 0.55   | cps   |
| Chromium   | 52-2  | 2107     | 2127     | 1937     | 2057     | 5.08   | cps   |
| Cobalt     | 59-2  | 1153695  | 1165698  | 1155299  | 1158230  | 0.56   | cps   |
| Copper     | 63-2  | 5216571  | 5251419  | 5240491  | 5236160  | 0.34   | cps   |
| Dysprosium | 156-1 | 589497   | 587750   | 579012   | 585420   | 0.96   | cps   |
| Dysprosium | 156-2 | 275528   | 278585   | 280355   | 278156   | 0.88   | cps   |
| Erbium     | 164-1 | 572419   | 573520   | 574398   | 573446   | 0.17   | cps   |
| Erbium     | 164-2 | 267608   | 265631   | 264493   | 265910   | 0.59   | cps   |
| Gadolinium | 160-1 | 619573   | 621413   | 615295   | 618760   | 0.51   | cps   |
| Gadolinium | 160-2 | 322114   | 322040   | 322245   | 322133   | 0.03   | cps   |
| Holmium    | 165-1 | 11062336 | 11027279 | 10903407 | 10997674 | 0.76   | cps   |
| Holmium    | 165-2 | 5217480  | 5283239  | 5235241  | 5245320  | 0.65   | cps   |
| Indium     | 115-1 | 7716296  | 7771936  | 7764489  | 7750907  | 0.39   | cps   |
| Indium     | 115-2 | 1447001  | 1465793  | 1457919  | 1456904  | 0.65   | cps   |
| Iron       | 56-2  | 23143595 | 23330173 | 23101273 | 23191680 | 0.53   | cps   |
| Iron       | 57-2  | 573591   | 579318   | 576168   | 576359   | 0.50   | cps   |
| Lead       | 206-1 | 119705   | 120984   | 119828   | 120173   | 0.59   | cps   |
| Lead       | 207-1 | 106131   | 105314   | 106092   | 105846   | 0.44   | cps   |
| Lead       | 208-1 | 484575   | 485756   | 484737   | 485023   | 0.13   | cps   |
| Lithium    | 6-1   | 1154678  | 1148857  | 1143666  | 1149067  | 0.48   | cps   |
| Magnesium  | 24-2  | 6775657  | 6821109  | 6762266  | 6786344  | 0.45   | cps   |
| Manganese  | 55-2  | 75768919 | 75787354 | 75199594 | 75585289 | 0.44   | cps   |



|                         |                     |                   |                     |
|-------------------------|---------------------|-------------------|---------------------|
| LB Number :             | LB88853             | Operator :        | Jaswal              |
| Lab Sample ID :         | I4255-02DLX2        | Instrumnet Name : | P7                  |
| Client Sample ID :      | MH0CC1              | Dilution Factor : | 2                   |
| Date & Time Acquired :: | 2017-07-19 15:36:08 | DataFile Name :   | 052SMPL_P7071917 -M |

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|------------|-------|----------|----------|----------|----------|--------|-------|
| Molybdenum | 94-1  | 1667     | 1492     | 1759     | 1639     | 8.27   | cps   |
| Molybdenum | 95-1  | 5726     | 5418     | 5268     | 5471     | 4.27   | cps   |
| Molybdenum | 96-1  | 733      | 783      | 867      | 795      | 8.48   | cps   |
| Molybdenum | 97-1  | 133      | 158      | 175      | 156      | 13.48  | cps   |
| Molybdenum | 98-1  | 350      | 267      | 342      | 319      | 14.37  | cps   |
| Neodymium  | 150-1 | 769441   | 774982   | 765646   | 770023   | 0.61   | cps   |
| Neodymium  | 150-2 | 281724   | 287551   | 285844   | 285040   | 1.05   | cps   |
| Nickel     | 60-2  | 105586   | 107016   | 107762   | 106788   | 1.04   | cps   |
| Phosphorus | 31-2  | 158      | 175      | 108      | 147      | 23.57  | cps   |
| Potassium  | 39-2  | 686710   | 698039   | 686910   | 690553   | 0.94   | cps   |
| Rhodium    | 103-1 | 6652522  | 6692067  | 6663627  | 6669406  | 0.31   | cps   |
| Rhodium    | 103-2 | 3007288  | 3024735  | 3003376  | 3011800  | 0.38   | cps   |
| Scandium   | 45-1  | 3953562  | 3967040  | 3930455  | 3950352  | 0.47   | cps   |
| Scandium   | 45-2  | 172886   | 173527   | 171620   | 172677   | 0.56   | cps   |
| Selenium   | 77-2  | 880      | 913      | 897      | 897      | 1.86   | cps   |
| Selenium   | 78-2  | 530      | 611      | 556      | 565      | 7.36   | cps   |
| Selenium   | 82-1  | 655      | 792      | 600      | 682      | 14.44  | cps   |
| Silicon    | 28-1  | 14658177 | 14569464 | 14476460 | 14568034 | 0.62   | cps   |
| Silver     | 109-1 | 1584     | 1925     | 2159     | 1889     | 15.31  | cps   |
| Silver     | 107-1 | 2275     | 2417     | 2675     | 2456     | 8.26   | cps   |
| Sodium     | 23-2  | 4210418  | 4250642  | 4259046  | 4240035  | 0.61   | cps   |
| Strontium  | 86-1  | 1186951  | 1191027  | 1168590  | 1182190  | 1.01   | cps   |
| Strontium  | 88-1  | 10603783 | 10520074 | 10424802 | 10516220 | 0.85   | cps   |
| Sulfur     | 34-1  | 6988062  | 6930575  | 6941981  | 6953540  | 0.44   | cps   |
| Terbium    | 159-1 | 11252715 | 11152784 | 11181276 | 11195592 | 0.46   | cps   |
| Terbium    | 159-2 | 5142885  | 5182855  | 5147033  | 5157591  | 0.43   | cps   |
| Thallium   | 203-1 | 1458     | 1458     | 1317     | 1411     | 5.80   | cps   |
| Thallium   | 205-1 | 3609     | 3326     | 3251     | 3395     | 5.57   | cps   |
| Tin        | 118-1 | 958      | 1008     | 1008     | 992      | 2.91   | cps   |
| Titanium   | 47-1  | 483      | 717      | 483      | 561      | 24.01  | cps   |
| Uranium    | 238-1 | 1469156  | 1472786  | 1458728  | 1466890  | 0.50   | cps   |
| Vanadium   | 51-2  | 157      | 147      | 140      | 148      | 5.68   | cps   |
| Yttrium    | 89-1  | 16064100 | 16047720 | 16071754 | 16061191 | 0.08   | cps   |
| Yttrium    | 89-2  | 2235858  | 2259714  | 2256342  | 2250638  | 0.57   | cps   |
| Zinc       | 66-2  | 17056672 | 17063344 | 16941588 | 17020535 | 0.40   | cps   |
| Zirconium  | 90-1  | 3759     | 4351     | 4076     | 4062     | 7.29   | cps   |

|                         |                     |                   |                     |
|-------------------------|---------------------|-------------------|---------------------|
| LB Number :             | LB88853             | Operator :        | Jaswal              |
| Lab Sample ID :         | I4255-02DLX2        | Instrumnet Name : | P7                  |
| Client Sample ID :      | MH0CC1              | Dilution Factor : | 2                   |
| Date & Time Acquired :: | 2017-07-19 15:36:08 | DataFile Name :   | 052SMPL_P7071917 -M |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|-----------|------|------|------|------|---------|--------|-------|
| Zirconium | 91-1 | 883  | 992  | 867  | 914     | 7.43   | cps   |

|                         |                     |                   |                     |
|-------------------------|---------------------|-------------------|---------------------|
| LB Number :             | LB88853             | Operator :        | Jaswal              |
| Lab Sample ID :         | I4255-03DLX2        | Instrumnet Name : | P7                  |
| Client Sample ID :      | MH0CC4              | Dilution Factor : | 2                   |
| Date & Time Acquired :: | 2017-07-19 15:39:32 | DataFile Name :   | 053SMPL_P7071917 -M |

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|------------|-------|----------|----------|----------|----------|--------|-------|
| Aluminium  | 27-2  | 1212444  | 1209457  | 1217419  | 1213107  | 0.33   | cps   |
| Antimony   | 121-1 | 17603    | 18421    | 17879    | 17968    | 2.32   | cps   |
| Arsenic    | 75-2  | 86917    | 86004    | 86365    | 86429    | 0.53   | cps   |
| Barium     | 135-1 | 19064    | 18930    | 18471    | 18822    | 1.65   | cps   |
| Barium     | 137-1 | 33424    | 34419    | 31971    | 33271    | 3.70   | cps   |
| Beryllium  | 9-1   | 7346     | 7174     | 6885     | 7135     | 3.27   | cps   |
| Bismuth    | 209-1 | 7015522  | 7066826  | 7163022  | 7081790  | 1.06   | cps   |
| Bismuth    | 209-2 | 3874733  | 3909966  | 3881349  | 3888683  | 0.48   | cps   |
| Boron      | 10-1  | 1058     | 983      | 983      | 1008     | 4.29   | cps   |
| Boron      | 11-1  | 5651     | 5268     | 5359     | 5426     | 3.69   | cps   |
| Cadmium    | 111-1 | 241229   | 239860   | 242488   | 241193   | 0.54   | cps   |
| Cadmium    | 106-1 | 27995    | 26910    | 27043    | 27316    | 2.17   | cps   |
| Cadmium    | 108-1 | 16543    | 16718    | 15888    | 16383    | 2.67   | cps   |
| Calcium    | 43-1  | 1183334  | 1179071  | 1180172  | 1180859  | 0.19   | cps   |
| Calcium    | 44-1  | 19318332 | 19308569 | 19111075 | 19245992 | 0.61   | cps   |
| Chromium   | 52-2  | 5091     | 5148     | 5284     | 5174     | 1.92   | cps   |
| Cobalt     | 59-2  | 224147   | 222290   | 223729   | 223389   | 0.44   | cps   |
| Copper     | 63-2  | 2098862  | 2101695  | 2100163  | 2100240  | 0.07   | cps   |
| Dysprosium | 156-1 | 613989   | 611407   | 608549   | 611315   | 0.45   | cps   |
| Dysprosium | 156-2 | 294111   | 296068   | 293242   | 294474   | 0.49   | cps   |
| Erbium     | 164-1 | 574592   | 579061   | 579076   | 577576   | 0.45   | cps   |
| Erbium     | 164-2 | 267037   | 266757   | 263039   | 265611   | 0.84   | cps   |
| Gadolinium | 160-1 | 680796   | 677684   | 674032   | 677504   | 0.50   | cps   |
| Gadolinium | 160-2 | 345698   | 345369   | 343166   | 344744   | 0.40   | cps   |
| Holmium    | 165-1 | 10931417 | 11013128 | 11159117 | 11034554 | 1.05   | cps   |
| Holmium    | 165-2 | 5164270  | 5214084  | 5162346  | 5180233  | 0.57   | cps   |
| Indium     | 115-1 | 7814692  | 7873147  | 7952441  | 7880093  | 0.88   | cps   |
| Indium     | 115-2 | 1445433  | 1464167  | 1463058  | 1457553  | 0.72   | cps   |
| Iron       | 56-2  | 7241820  | 7205726  | 7212289  | 7219945  | 0.27   | cps   |
| Iron       | 57-2  | 181013   | 179510   | 180877   | 180467   | 0.46   | cps   |
| Lead       | 206-1 | 518762   | 517172   | 517895   | 517943   | 0.15   | cps   |
| Lead       | 207-1 | 450239   | 454565   | 448042   | 450949   | 0.74   | cps   |
| Lead       | 208-1 | 2073492  | 2078247  | 2056573  | 2069437  | 0.55   | cps   |
| Lithium    | 6-1   | 1152444  | 1148047  | 1159363  | 1153285  | 0.49   | cps   |
| Magnesium  | 24-2  | 3392583  | 3370398  | 3397005  | 3386662  | 0.42   | cps   |
| Manganese  | 55-2  | 38718276 | 38396504 | 38106332 | 38407037 | 0.80   | cps   |

|                         |                     |                   |                     |
|-------------------------|---------------------|-------------------|---------------------|
| LB Number :             | LB88853             | Operator :        | Jaswal              |
| Lab Sample ID :         | I4255-03DLX2        | Instrumnet Name : | P7                  |
| Client Sample ID :      | MH0CC4              | Dilution Factor : | 2                   |
| Date & Time Acquired :: | 2017-07-19 15:39:32 | DataFile Name :   | 053SMPL_P7071917 -M |

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|------------|-------|----------|----------|----------|----------|--------|-------|
| Molybdenum | 94-1  | 3075     | 3334     | 2992     | 3134     | 5.69   | cps   |
| Molybdenum | 95-1  | 2759     | 3034     | 2592     | 2795     | 7.98   | cps   |
| Molybdenum | 96-1  | 933      | 933      | 975      | 947      | 2.54   | cps   |
| Molybdenum | 97-1  | 142      | 167      | 75       | 128      | 37.09  | cps   |
| Molybdenum | 98-1  | 300      | 350      | 358      | 336      | 9.39   | cps   |
| Neodymium  | 150-1 | 888733   | 891627   | 893581   | 891313   | 0.27   | cps   |
| Neodymium  | 150-2 | 329984   | 328136   | 329915   | 329345   | 0.32   | cps   |
| Nickel     | 60-2  | 40192    | 40713    | 39370    | 40091    | 1.69   | cps   |
| Phosphorus | 31-2  | 192      | 192      | 242      | 208      | 13.86  | cps   |
| Potassium  | 39-2  | 403531   | 404105   | 400908   | 402848   | 0.42   | cps   |
| Rhodium    | 103-1 | 6752262  | 6785876  | 6873995  | 6804044  | 0.92   | cps   |
| Rhodium    | 103-2 | 3010053  | 3039844  | 3028363  | 3026086  | 0.50   | cps   |
| Scandium   | 45-1  | 4036052  | 4028003  | 4121249  | 4061768  | 1.27   | cps   |
| Scandium   | 45-2  | 174514   | 174669   | 174190   | 174458   | 0.14   | cps   |
| Selenium   | 77-2  | 1010     | 1113     | 1010     | 1045     | 5.71   | cps   |
| Selenium   | 78-2  | 622      | 635      | 630      | 629      | 1.03   | cps   |
| Selenium   | 82-1  | 551      | 643      | 726      | 640      | 13.73  | cps   |
| Silicon    | 28-1  | 19610388 | 19592856 | 19535142 | 19579462 | 0.20   | cps   |
| Silver     | 109-1 | 3467     | 4176     | 3851     | 3831     | 9.26   | cps   |
| Silver     | 107-1 | 3542     | 3967     | 4134     | 3881     | 7.86   | cps   |
| Sodium     | 23-2  | 1905923  | 1902284  | 1893604  | 1900604  | 0.33   | cps   |
| Strontium  | 86-1  | 455557   | 459548   | 453315   | 456140   | 0.69   | cps   |
| Strontium  | 88-1  | 4079713  | 4088449  | 4034850  | 4067671  | 0.71   | cps   |
| Sulfur     | 34-1  | 4223128  | 4218402  | 4207174  | 4216235  | 0.19   | cps   |
| Terbium    | 159-1 | 11361204 | 11359858 | 11556348 | 11425803 | 0.99   | cps   |
| Terbium    | 159-2 | 5096549  | 5158416  | 5104705  | 5119890  | 0.66   | cps   |
| Thallium   | 203-1 | 683      | 717      | 742      | 714      | 4.10   | cps   |
| Thallium   | 205-1 | 1600     | 1483     | 1717     | 1600     | 7.29   | cps   |
| Tin        | 118-1 | 967      | 992      | 833      | 931      | 9.15   | cps   |
| Titanium   | 47-1  | 517      | 583      | 683      | 594      | 14.11  | cps   |
| Uranium    | 238-1 | 1498061  | 1500543  | 1486236  | 1494947  | 0.51   | cps   |
| Vanadium   | 51-2  | 130      | 127      | 87       | 114      | 21.07  | cps   |
| Yttrium    | 89-1  | 15704065 | 15549696 | 15674757 | 15642839 | 0.52   | cps   |
| Yttrium    | 89-2  | 2173533  | 2181776  | 2176593  | 2177301  | 0.19   | cps   |
| Zinc       | 66-2  | 5822000  | 5814826  | 5813043  | 5816623  | 0.08   | cps   |
| Zirconium  | 90-1  | 8870     | 8453     | 8820     | 8714     | 2.61   | cps   |

|                         |                     |                   |                     |
|-------------------------|---------------------|-------------------|---------------------|
| LB Number :             | LB88853             | Operator :        | Jaswal              |
| Lab Sample ID :         | I4255-03DLX2        | Instrumnet Name : | P7                  |
| Client Sample ID :      | MH0CC4              | Dilution Factor : | 2                   |
| Date & Time Acquired :: | 2017-07-19 15:39:32 | DataFile Name :   | 053SMPL_P7071917 -M |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|-----------|------|------|------|------|---------|--------|-------|
| Zirconium | 91-1 | 2242 | 2359 | 2334 | 2311    | 2.66   | cps   |

|                         |                     |                   |                     |
|-------------------------|---------------------|-------------------|---------------------|
| LB Number :             | LB88853             | Operator :        | Jaswal              |
| Lab Sample ID :         | I4255-04DLX2        | Instrumnet Name : | P7                  |
| Client Sample ID :      | MH0CC4D             | Dilution Factor : | 2                   |
| Date & Time Acquired :: | 2017-07-19 15:42:58 | DataFile Name :   | 054SMPL_P7071917 -M |

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|------------|-------|----------|----------|----------|----------|--------|-------|
| Aluminium  | 27-2  | 1199642  | 1197838  | 1195450  | 1197644  | 0.18   | cps   |
| Antimony   | 121-1 | 17019    | 17728    | 16819    | 17189    | 2.78   | cps   |
| Arsenic    | 75-2  | 85307    | 85909    | 85536    | 85584    | 0.35   | cps   |
| Barium     | 135-1 | 18530    | 18580    | 18546    | 18552    | 0.14   | cps   |
| Barium     | 137-1 | 33199    | 32230    | 31888    | 32439    | 2.10   | cps   |
| Beryllium  | 9-1   | 7041     | 7219     | 6646     | 6968     | 4.20   | cps   |
| Bismuth    | 209-1 | 6901134  | 6994194  | 7136850  | 7010726  | 1.69   | cps   |
| Bismuth    | 209-2 | 3977121  | 3925802  | 3924362  | 3942428  | 0.76   | cps   |
| Boron      | 10-1  | 942      | 950      | 908      | 933      | 2.36   | cps   |
| Boron      | 11-1  | 4959     | 4918     | 5476     | 5118     | 6.08   | cps   |
| Cadmium    | 111-1 | 238040   | 233022   | 234897   | 235320   | 1.08   | cps   |
| Cadmium    | 106-1 | 27394    | 25841    | 26217    | 26484    | 3.06   | cps   |
| Cadmium    | 108-1 | 15751    | 16406    | 16322    | 16159    | 2.21   | cps   |
| Calcium    | 43-1  | 1164130  | 1154724  | 1160430  | 1159761  | 0.41   | cps   |
| Calcium    | 44-1  | 19045022 | 18847459 | 18814084 | 18902188 | 0.66   | cps   |
| Chromium   | 52-2  | 5111     | 5378     | 5214     | 5234     | 2.57   | cps   |
| Cobalt     | 59-2  | 221106   | 221637   | 220656   | 221133   | 0.22   | cps   |
| Copper     | 63-2  | 2077828  | 2083320  | 2086069  | 2082406  | 0.20   | cps   |
| Dysprosium | 156-1 | 594223   | 585891   | 587799   | 589304   | 0.74   | cps   |
| Dysprosium | 156-2 | 288173   | 290212   | 288027   | 288804   | 0.42   | cps   |
| Erbium     | 164-1 | 564287   | 563400   | 564366   | 564018   | 0.10   | cps   |
| Erbium     | 164-2 | 260878   | 264596   | 260802   | 262092   | 0.83   | cps   |
| Gadolinium | 160-1 | 662979   | 655841   | 654516   | 657779   | 0.69   | cps   |
| Gadolinium | 160-2 | 339254   | 341341   | 338740   | 339778   | 0.41   | cps   |
| Holmium    | 165-1 | 10800184 | 10926588 | 11071165 | 10932645 | 1.24   | cps   |
| Holmium    | 165-2 | 5299611  | 5239330  | 5233621  | 5257521  | 0.70   | cps   |
| Indium     | 115-1 | 7782917  | 7869457  | 7933351  | 7861908  | 0.96   | cps   |
| Indium     | 115-2 | 1498073  | 1473241  | 1471913  | 1481076  | 0.99   | cps   |
| Iron       | 56-2  | 7217040  | 7213420  | 7160839  | 7197100  | 0.44   | cps   |
| Iron       | 57-2  | 178568   | 180260   | 178127   | 178985   | 0.63   | cps   |
| Lead       | 206-1 | 505919   | 501792   | 496223   | 501312   | 0.97   | cps   |
| Lead       | 207-1 | 438046   | 433932   | 433061   | 435013   | 0.61   | cps   |
| Lead       | 208-1 | 2023207  | 2002388  | 1992679  | 2006092  | 0.78   | cps   |
| Lithium    | 6-1   | 1145832  | 1154947  | 1161987  | 1154256  | 0.70   | cps   |
| Magnesium  | 24-2  | 3336075  | 3338552  | 3333510  | 3336046  | 0.08   | cps   |
| Manganese  | 55-2  | 38146770 | 37971878 | 37957703 | 38025450 | 0.28   | cps   |

|                         |                     |                   |                     |
|-------------------------|---------------------|-------------------|---------------------|
| LB Number :             | LB88853             | Operator :        | Jaswal              |
| Lab Sample ID :         | I4255-04DLX2        | Instrumnet Name : | P7                  |
| Client Sample ID :      | MH0CC4D             | Dilution Factor : | 2                   |
| Date & Time Acquired :: | 2017-07-19 15:42:58 | DataFile Name :   | 054SMPL_P7071917 -M |

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|------------|-------|----------|----------|----------|----------|--------|-------|
| Molybdenum | 94-1  | 3201     | 3501     | 3317     | 3339     | 4.53   | cps   |
| Molybdenum | 95-1  | 3017     | 2959     | 2709     | 2895     | 5.66   | cps   |
| Molybdenum | 96-1  | 892      | 883      | 1017     | 931      | 8.03   | cps   |
| Molybdenum | 97-1  | 75       | 133      | 83       | 97       | 32.45  | cps   |
| Molybdenum | 98-1  | 292      | 333      | 350      | 325      | 9.25   | cps   |
| Neodymium  | 150-1 | 874737   | 863340   | 865726   | 867934   | 0.69   | cps   |
| Neodymium  | 150-2 | 322322   | 322933   | 321712   | 322322   | 0.19   | cps   |
| Nickel     | 60-2  | 40439    | 40189    | 40098    | 40242    | 0.44   | cps   |
| Phosphorus | 31-2  | 167      | 208      | 167      | 181      | 13.32  | cps   |
| Potassium  | 39-2  | 404134   | 395191   | 402651   | 400659   | 1.20   | cps   |
| Rhodium    | 103-1 | 6742491  | 6831795  | 6924635  | 6832974  | 1.33   | cps   |
| Rhodium    | 103-2 | 3113435  | 3071706  | 3063767  | 3082969  | 0.87   | cps   |
| Scandium   | 45-1  | 4010749  | 4056337  | 4137516  | 4068201  | 1.58   | cps   |
| Scandium   | 45-2  | 179034   | 177502   | 177853   | 178130   | 0.45   | cps   |
| Selenium   | 77-2  | 987      | 1090     | 1050     | 1042     | 5.00   | cps   |
| Selenium   | 78-2  | 582      | 606      | 585      | 591      | 2.19   | cps   |
| Selenium   | 82-1  | 611      | 587      | 597      | 598      | 2.04   | cps   |
| Silicon    | 28-1  | 19258991 | 19174958 | 19109976 | 19181308 | 0.39   | cps   |
| Silver     | 109-1 | 3384     | 3692     | 3792     | 3623     | 5.88   | cps   |
| Silver     | 107-1 | 4042     | 3934     | 3759     | 3912     | 3.66   | cps   |
| Sodium     | 23-2  | 1879693  | 1877559  | 1863625  | 1873626  | 0.47   | cps   |
| Strontium  | 86-1  | 452480   | 450269   | 447897   | 450215   | 0.51   | cps   |
| Strontium  | 88-1  | 3988128  | 3969363  | 3979000  | 3978830  | 0.24   | cps   |
| Sulfur     | 34-1  | 4145821  | 4105969  | 4092975  | 4114922  | 0.67   | cps   |
| Terbium    | 159-1 | 11196658 | 11286677 | 11428707 | 11304014 | 1.03   | cps   |
| Terbium    | 159-2 | 5238262  | 5159099  | 5149603  | 5182321  | 0.94   | cps   |
| Thallium   | 203-1 | 608      | 650      | 475      | 578      | 15.82  | cps   |
| Thallium   | 205-1 | 1709     | 1492     | 1517     | 1572     | 7.54   | cps   |
| Tin        | 118-1 | 875      | 1242     | 1042     | 1053     | 17.44  | cps   |
| Titanium   | 47-1  | 692      | 700      | 692      | 694      | 0.69   | cps   |
| Uranium    | 238-1 | 1446563  | 1435496  | 1425849  | 1435969  | 0.72   | cps   |
| Vanadium   | 51-2  | 153      | 97       | 67       | 106      | 41.70  | cps   |
| Yttrium    | 89-1  | 15339400 | 15516478 | 15519451 | 15458443 | 0.67   | cps   |
| Yttrium    | 89-2  | 2185355  | 2177810  | 2173751  | 2178972  | 0.27   | cps   |
| Zinc       | 66-2  | 5755507  | 5762883  | 5769914  | 5762768  | 0.13   | cps   |
| Zirconium  | 90-1  | 8311     | 8987     | 8628     | 8642     | 3.91   | cps   |

|                         |                     |                   |                     |
|-------------------------|---------------------|-------------------|---------------------|
| LB Number :             | LB88853             | Operator :        | Jaswal              |
| Lab Sample ID :         | I4255-04DLX2        | Instrumnet Name : | P7                  |
| Client Sample ID :      | MH0CC4D             | Dilution Factor : | 2                   |
| Date & Time Acquired :: | 2017-07-19 15:42:58 | DataFile Name :   | 054SMPL_P7071917 -M |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|-----------|------|------|------|------|---------|--------|-------|
| Zirconium | 91-1 | 2084 | 2259 | 2117 | 2153    | 4.32   | cps   |



|                         |                     |                   |                     |
|-------------------------|---------------------|-------------------|---------------------|
| LB Number :             | LB88853             | Operator :        | Jaswal              |
| Lab Sample ID :         | I4255-03LDLX10      | Instrumnet Name : | P7                  |
| Client Sample ID :      | MH0CC4L             | Dilution Factor : | 10                  |
| Date & Time Acquired :: | 2017-07-19 15:46:23 | DataFile Name :   | 055SMPL_P7071917 -M |

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|------------|-------|----------|----------|----------|----------|--------|-------|
| Aluminium  | 27-2  | 239757   | 240986   | 240147   | 240297   | 0.26   | cps   |
| Antimony   | 121-1 | 3467     | 3342     | 3434     | 3414     | 1.90   | cps   |
| Arsenic    | 75-2  | 16832    | 16893    | 17121    | 16949    | 0.90   | cps   |
| Barium     | 135-1 | 3734     | 3442     | 3734     | 3637     | 4.63   | cps   |
| Barium     | 137-1 | 6235     | 6093     | 6252     | 6193     | 1.41   | cps   |
| Beryllium  | 9-1   | 1406     | 1361     | 1500     | 1422     | 4.99   | cps   |
| Bismuth    | 209-1 | 6845242  | 6949242  | 6866665  | 6887050  | 0.80   | cps   |
| Bismuth    | 209-2 | 3896030  | 3707528  | 4081992  | 3895183  | 4.81   | cps   |
| Boron      | 10-1  | 467      | 483      | 492      | 481      | 2.65   | cps   |
| Boron      | 11-1  | 2417     | 2484     | 2300     | 2400     | 3.87   | cps   |
| Cadmium    | 111-1 | 48984    | 49792    | 48062    | 48946    | 1.77   | cps   |
| Cadmium    | 106-1 | 7427     | 7110     | 7352     | 7297     | 2.27   | cps   |
| Cadmium    | 108-1 | 3146     | 3055     | 3409     | 3203     | 5.74   | cps   |
| Calcium    | 43-1  | 227802   | 228214   | 230239   | 228752   | 0.57   | cps   |
| Calcium    | 44-1  | 3745829  | 3738918  | 3760692  | 3748480  | 0.30   | cps   |
| Chromium   | 52-2  | 1307     | 1370     | 1317     | 1331     | 2.56   | cps   |
| Cobalt     | 59-2  | 44240    | 44514    | 44059    | 44271    | 0.52   | cps   |
| Copper     | 63-2  | 421078   | 424015   | 421262   | 422118   | 0.39   | cps   |
| Dysprosium | 156-1 | 117718   | 114979   | 115391   | 116029   | 1.27   | cps   |
| Dysprosium | 156-2 | 57242    | 58374    | 57576    | 57731    | 1.01   | cps   |
| Erbium     | 164-1 | 110545   | 110570   | 110504   | 110540   | 0.03   | cps   |
| Erbium     | 164-2 | 52035    | 52738    | 51366    | 52047    | 1.32   | cps   |
| Gadolinium | 160-1 | 129651   | 127422   | 126900   | 127991   | 1.14   | cps   |
| Gadolinium | 160-2 | 68205    | 67458    | 68249    | 67971    | 0.65   | cps   |
| Holmium    | 165-1 | 10374385 | 10346005 | 10352537 | 10357642 | 0.14   | cps   |
| Holmium    | 165-2 | 4967917  | 4794176  | 5220533  | 4994208  | 4.29   | cps   |
| Indium     | 115-1 | 7724614  | 7741130  | 7656735  | 7707493  | 0.58   | cps   |
| Indium     | 115-2 | 1458182  | 1405554  | 1512910  | 1458882  | 3.68   | cps   |
| Iron       | 56-2  | 1427555  | 1431481  | 1435379  | 1431472  | 0.27   | cps   |
| Iron       | 57-2  | 36195    | 35850    | 36702    | 36249    | 1.18   | cps   |
| Lead       | 206-1 | 99972    | 98865    | 99284    | 99374    | 0.56   | cps   |
| Lead       | 207-1 | 87257    | 86267    | 86474    | 86666    | 0.60   | cps   |
| Lead       | 208-1 | 399345   | 397241   | 397491   | 398026   | 0.29   | cps   |
| Lithium    | 6-1   | 1116969  | 1122037  | 1118357  | 1119121  | 0.23   | cps   |
| Magnesium  | 24-2  | 664326   | 672868   | 663666   | 666953   | 0.77   | cps   |
| Manganese  | 55-2  | 7689767  | 7694405  | 7718493  | 7700888  | 0.20   | cps   |

|                         |                     |                   |                     |
|-------------------------|---------------------|-------------------|---------------------|
| LB Number :             | LB88853             | Operator :        | Jaswal              |
| Lab Sample ID :         | I4255-03LDLX10      | Instrumnet Name : | P7                  |
| Client Sample ID :      | MH0CC4L             | Dilution Factor : | 10                  |
| Date & Time Acquired :: | 2017-07-19 15:46:23 | DataFile Name :   | 055SMPL_P7071917 -M |

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|------------|-------|----------|----------|----------|----------|--------|-------|
| Molybdenum | 94-1  | 850      | 883      | 775      | 836      | 6.64   | cps   |
| Molybdenum | 95-1  | 600      | 617      | 558      | 592      | 5.08   | cps   |
| Molybdenum | 96-1  | 325      | 225      | 233      | 261      | 21.25  | cps   |
| Molybdenum | 97-1  | 50       | 92       | 117      | 86       | 39.11  | cps   |
| Molybdenum | 98-1  | 158      | 175      | 83       | 139      | 35.16  | cps   |
| Neodymium  | 150-1 | 168978   | 169355   | 169754   | 169362   | 0.23   | cps   |
| Neodymium  | 150-2 | 62976    | 64711    | 63750    | 63812    | 1.36   | cps   |
| Nickel     | 60-2  | 8403     | 8433     | 8426     | 8420     | 0.19   | cps   |
| Phosphorus | 31-2  | 100      | 142      | 117      | 119      | 17.55  | cps   |
| Potassium  | 39-2  | 100607   | 100750   | 100924   | 100760   | 0.16   | cps   |
| Rhodium    | 103-1 | 6772157  | 6802710  | 6720411  | 6765093  | 0.61   | cps   |
| Rhodium    | 103-2 | 3061631  | 2967000  | 3184374  | 3071002  | 3.55   | cps   |
| Scandium   | 45-1  | 3923253  | 3950491  | 3918788  | 3930844  | 0.44   | cps   |
| Scandium   | 45-2  | 170420   | 164461   | 179039   | 171307   | 4.28   | cps   |
| Selenium   | 77-2  | 260      | 217      | 180      | 219      | 18.30  | cps   |
| Selenium   | 78-2  | 172      | 165      | 187      | 175      | 6.48   | cps   |
| Selenium   | 82-1  | 121      | 92       | 91       | 101      | 17.16  | cps   |
| Silicon    | 28-1  | 4024775  | 4038917  | 4030859  | 4031517  | 0.18   | cps   |
| Silver     | 109-1 | 1092     | 1217     | 1125     | 1145     | 5.66   | cps   |
| Silver     | 107-1 | 1292     | 1317     | 1425     | 1345     | 5.27   | cps   |
| Sodium     | 23-2  | 382368   | 385172   | 383778   | 383773   | 0.37   | cps   |
| Strontium  | 86-1  | 89117    | 90090    | 88506    | 89238    | 0.90   | cps   |
| Strontium  | 88-1  | 778137   | 774837   | 776902   | 776625   | 0.21   | cps   |
| Sulfur     | 34-1  | 1071666  | 1072622  | 1068465  | 1070917  | 0.20   | cps   |
| Terbium    | 159-1 | 10762761 | 10594476 | 10699293 | 10685510 | 0.80   | cps   |
| Terbium    | 159-2 | 4929186  | 4749270  | 5132628  | 4937028  | 3.88   | cps   |
| Thallium   | 203-1 | 225      | 208      | 233      | 222      | 5.73   | cps   |
| Thallium   | 205-1 | 475      | 458      | 550      | 494      | 9.88   | cps   |
| Tin        | 118-1 | 1050     | 967      | 1142     | 1053     | 8.32   | cps   |
| Titanium   | 47-1  | 175      | 192      | 208      | 192      | 8.70   | cps   |
| Uranium    | 238-1 | 278912   | 274981   | 282887   | 278927   | 1.42   | cps   |
| Vanadium   | 51-2  | 37       | 33       | 33       | 34       | 5.60   | cps   |
| Yttrium    | 89-1  | 9060439  | 9197864  | 9116014  | 9124772  | 0.76   | cps   |
| Yttrium    | 89-2  | 1288214  | 1256077  | 1336697  | 1293663  | 3.14   | cps   |
| Zinc       | 66-2  | 1136524  | 1148822  | 1143677  | 1143008  | 0.54   | cps   |
| Zirconium  | 90-1  | 2467     | 2225     | 2342     | 2345     | 5.16   | cps   |

|                         |                     |                   |                     |
|-------------------------|---------------------|-------------------|---------------------|
| LB Number :             | LB88853             | Operator :        | Jaswal              |
| Lab Sample ID :         | I4255-03LDLX10      | Instrumnet Name : | P7                  |
| Client Sample ID :      | MH0CC4L             | Dilution Factor : | 10                  |
| Date & Time Acquired :: | 2017-07-19 15:46:23 | DataFile Name :   | 055SMPL_P7071917 -M |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|-----------|------|------|------|------|---------|--------|-------|
| Zirconium | 91-1 | 533  | 567  | 567  | 556     | 3.46   | cps   |

|                         |                     |                   |                     |
|-------------------------|---------------------|-------------------|---------------------|
| LB Number :             | LB88853             | Operator :        | Jaswal              |
| Lab Sample ID :         | I4255-05DLX2        | Instrumnet Name : | P7                  |
| Client Sample ID :      | MH0CC4S             | Dilution Factor : | 2                   |
| Date & Time Acquired :: | 2017-07-19 15:49:50 | DataFile Name :   | 056SMPL_P7071917 -M |

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|------------|-------|----------|----------|----------|----------|--------|-------|
| Aluminium  | 27-2  | 1273046  | 1259619  | 1257937  | 1263534  | 0.66   | cps   |
| Antimony   | 121-1 | 468864   | 464024   | 465666   | 466185   | 0.53   | cps   |
| Arsenic    | 75-2  | 91006    | 90611    | 91632    | 91083    | 0.57   | cps   |
| Barium     | 135-1 | 2319818  | 2321244  | 2311843  | 2317635  | 0.22   | cps   |
| Barium     | 137-1 | 4079305  | 4067876  | 4052923  | 4066701  | 0.33   | cps   |
| Beryllium  | 9-1   | 32201    | 32151    | 32151    | 32168    | 0.09   | cps   |
| Bismuth    | 209-1 | 7022209  | 6934493  | 6986777  | 6981159  | 0.63   | cps   |
| Bismuth    | 209-2 | 3963941  | 4091454  | 3961749  | 4005715  | 1.85   | cps   |
| Boron      | 10-1  | 925      | 1000     | 1008     | 978      | 4.69   | cps   |
| Boron      | 11-1  | 4476     | 4901     | 4251     | 4543     | 7.27   | cps   |
| Cadmium    | 111-1 | 289676   | 287007   | 290027   | 288904   | 0.57   | cps   |
| Cadmium    | 106-1 | 31244    | 31661    | 32079    | 31661    | 1.32   | cps   |
| Cadmium    | 108-1 | 19676    | 19823    | 20236    | 19912    | 1.46   | cps   |
| Calcium    | 43-1  | 1173831  | 1171742  | 1169797  | 1171790  | 0.17   | cps   |
| Calcium    | 44-1  | 19239682 | 19180992 | 18959910 | 19126861 | 0.77   | cps   |
| Chromium   | 52-2  | 216681   | 213123   | 214539   | 214781   | 0.83   | cps   |
| Cobalt     | 59-2  | 1112092  | 1111438  | 1115799  | 1113109  | 0.21   | cps   |
| Copper     | 63-2  | 2428254  | 2413703  | 2436365  | 2426107  | 0.47   | cps   |
| Dysprosium | 156-1 | 594201   | 596812   | 595668   | 595560   | 0.22   | cps   |
| Dysprosium | 156-2 | 293930   | 292016   | 291976   | 292640   | 0.38   | cps   |
| Erbium     | 164-1 | 571599   | 569783   | 559191   | 566858   | 1.18   | cps   |
| Erbium     | 164-2 | 264481   | 264249   | 266525   | 265085   | 0.47   | cps   |
| Gadolinium | 160-1 | 660989   | 667409   | 657730   | 662043   | 0.74   | cps   |
| Gadolinium | 160-2 | 345643   | 341677   | 344821   | 344047   | 0.61   | cps   |
| Holmium    | 165-1 | 10954564 | 10833224 | 10868921 | 10885570 | 0.57   | cps   |
| Holmium    | 165-2 | 5282120  | 5412509  | 5276846  | 5323825  | 1.44   | cps   |
| Indium     | 115-1 | 7815456  | 7877205  | 7780197  | 7824286  | 0.63   | cps   |
| Indium     | 115-2 | 1492886  | 1518491  | 1479974  | 1497117  | 1.31   | cps   |
| Iron       | 56-2  | 8120616  | 8077122  | 8093636  | 8097125  | 0.27   | cps   |
| Iron       | 57-2  | 201991   | 202194   | 202911   | 202365   | 0.24   | cps   |
| Lead       | 206-1 | 584573   | 577141   | 582483   | 581399   | 0.66   | cps   |
| Lead       | 207-1 | 514052   | 508766   | 506334   | 509717   | 0.77   | cps   |
| Lead       | 208-1 | 2352357  | 2327452  | 2329994  | 2336601  | 0.59   | cps   |
| Lithium    | 6-1   | 1144404  | 1145795  | 1137872  | 1142690  | 0.37   | cps   |
| Magnesium  | 24-2  | 3358872  | 3342783  | 3353354  | 3351670  | 0.24   | cps   |
| Manganese  | 55-2  | 38750273 | 38690415 | 38559984 | 38666891 | 0.25   | cps   |

|                         |                     |                   |                     |
|-------------------------|---------------------|-------------------|---------------------|
| LB Number :             | LB88853             | Operator :        | Jaswal              |
| Lab Sample ID :         | I4255-05DLX2        | Instrumnet Name : | P7                  |
| Client Sample ID :      | MH0CC4S             | Dilution Factor : | 2                   |
| Date & Time Acquired :: | 2017-07-19 15:49:50 | DataFile Name :   | 056SMPL_P7071917 -M |

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|------------|-------|----------|----------|----------|----------|--------|-------|
| Molybdenum | 94-1  | 3075     | 3100     | 3534     | 3237     | 7.96   | cps   |
| Molybdenum | 95-1  | 2750     | 3075     | 2684     | 2837     | 7.39   | cps   |
| Molybdenum | 96-1  | 925      | 1117     | 850      | 964      | 14.27  | cps   |
| Molybdenum | 97-1  | 108      | 150      | 150      | 136      | 17.67  | cps   |
| Molybdenum | 98-1  | 458      | 275      | 425      | 386      | 25.29  | cps   |
| Neodymium  | 150-1 | 879875   | 864335   | 870354   | 871521   | 0.90   | cps   |
| Neodymium  | 150-2 | 327549   | 325483   | 324057   | 325696   | 0.54   | cps   |
| Nickel     | 60-2  | 272088   | 271263   | 269915   | 271089   | 0.40   | cps   |
| Phosphorus | 31-2  | 192      | 150      | 217      | 186      | 18.10  | cps   |
| Potassium  | 39-2  | 404501   | 400516   | 402966   | 402661   | 0.50   | cps   |
| Rhodium    | 103-1 | 6773621  | 6773909  | 6708312  | 6751947  | 0.56   | cps   |
| Rhodium    | 103-2 | 3116857  | 3193184  | 3087984  | 3132675  | 1.74   | cps   |
| Scandium   | 45-1  | 4078555  | 4070473  | 4025882  | 4058303  | 0.70   | cps   |
| Scandium   | 45-2  | 178629   | 183669   | 179226   | 180508   | 1.53   | cps   |
| Selenium   | 77-2  | 1357     | 1273     | 1293     | 1308     | 3.33   | cps   |
| Selenium   | 78-2  | 1559     | 1445     | 1578     | 1527     | 4.73   | cps   |
| Selenium   | 82-1  | 6908     | 6811     | 6800     | 6840     | 0.87   | cps   |
| Silicon    | 28-1  | 19560310 | 19419371 | 19351700 | 19443794 | 0.55   | cps   |
| Silver     | 109-1 | 227016   | 228042   | 227736   | 227598   | 0.23   | cps   |
| Silver     | 107-1 | 235812   | 235444   | 234077   | 235111   | 0.39   | cps   |
| Sodium     | 23-2  | 1886530  | 1871260  | 1873057  | 1876949  | 0.44   | cps   |
| Strontium  | 86-1  | 455456   | 459147   | 446715   | 453773   | 1.41   | cps   |
| Strontium  | 88-1  | 4036620  | 4013738  | 4023447  | 4024602  | 0.29   | cps   |
| Sulfur     | 34-1  | 4180373  | 4186865  | 4160725  | 4175988  | 0.33   | cps   |
| Terbium    | 159-1 | 11229582 | 11166313 | 11036632 | 11144176 | 0.88   | cps   |
| Terbium    | 159-2 | 5238161  | 5343832  | 5198619  | 5260204  | 1.43   | cps   |
| Thallium   | 203-1 | 231368   | 231939   | 228379   | 230562   | 0.83   | cps   |
| Thallium   | 205-1 | 554150   | 546987   | 549864   | 550334   | 0.65   | cps   |
| Tin        | 118-1 | 10137    | 9937     | 10321    | 10132    | 1.89   | cps   |
| Titanium   | 47-1  | 683      | 667      | 617      | 656      | 5.29   | cps   |
| Uranium    | 238-1 | 1450960  | 1449497  | 1446461  | 1448973  | 0.16   | cps   |
| Vanadium   | 51-2  | 444405   | 442473   | 442253   | 443044   | 0.27   | cps   |
| Yttrium    | 89-1  | 15647409 | 15638858 | 15533033 | 15606433 | 0.41   | cps   |
| Yttrium    | 89-2  | 2198353  | 2223670  | 2194261  | 2205428  | 0.72   | cps   |
| Zinc       | 66-2  | 5886801  | 5873241  | 5887168  | 5882403  | 0.13   | cps   |
| Zirconium  | 90-1  | 8786     | 8920     | 9312     | 9006     | 3.03   | cps   |

|                         |                     |                   |                     |
|-------------------------|---------------------|-------------------|---------------------|
| LB Number :             | LB88853             | Operator :        | Jaswal              |
| Lab Sample ID :         | I4255-05DLX2        | Instrumnet Name : | P7                  |
| Client Sample ID :      | MH0CC4S             | Dilution Factor : | 2                   |
| Date & Time Acquired :: | 2017-07-19 15:49:50 | DataFile Name :   | 056SMPL_P7071917 -M |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|-----------|------|------|------|------|---------|--------|-------|
| Zirconium | 91-1 | 2284 | 2359 | 2500 | 2381    | 4.62   | cps   |

LB Number : LB88853 Operator : Jaswal  
 Lab Sample ID : I4255-06DLX2 Instrumnet Name : P7  
 Client Sample ID : MH0CC6 Dilution Factor : 2  
 Date & Time Acquired :: 2017-07-19 15:53:16 DataFile Name : 057SMPL\_P7071917 -M

| Parameter  | Mass  | CPS1      | CPS2      | CPS3      | CPSMean   | CPSRSD | Units |
|------------|-------|-----------|-----------|-----------|-----------|--------|-------|
| Aluminium  | 27-2  | 666214    | 669055    | 666080    | 667116    | 0.25   | cps   |
| Antimony   | 121-1 | 10037     | 10313     | 10262     | 10204     | 1.44   | cps   |
| Arsenic    | 75-2  | 369088    | 370987    | 368651    | 369575    | 0.34   | cps   |
| Barium     | 135-1 | 5451      | 5785      | 5185      | 5474      | 5.49   | cps   |
| Barium     | 137-1 | 9854      | 9587      | 9337      | 9593      | 2.70   | cps   |
| Beryllium  | 9-1   | 6785      | 6424      | 6707      | 6639      | 2.86   | cps   |
| Bismuth    | 209-1 | 6783959   | 6804942   | 6403999   | 6664300   | 3.39   | cps   |
| Bismuth    | 209-2 | 3727931   | 3644510   | 3697987   | 3690143   | 1.15   | cps   |
| Boron      | 10-1  | 3426      | 3292      | 3576      | 3431      | 4.13   | cps   |
| Boron      | 11-1  | 17394     | 17094     | 17894     | 17461     | 2.32   | cps   |
| Cadmium    | 111-1 | 876140    | 862643    | 859251    | 866011    | 1.03   | cps   |
| Cadmium    | 106-1 | 89977     | 88015     | 86681     | 88224     | 1.88   | cps   |
| Cadmium    | 108-1 | 61068     | 59035     | 60277     | 60127     | 1.70   | cps   |
| Calcium    | 43-1  | 4742807   | 4712467   | 4653670   | 4702982   | 0.96   | cps   |
| Calcium    | 44-1  | 76171006  | 75450945  | 75103079  | 75575010  | 0.72   | cps   |
| Chromium   | 52-2  | 9593      | 9630      | 9400      | 9541      | 1.30   | cps   |
| Cobalt     | 59-2  | 2348107   | 2340660   | 2339893   | 2342887   | 0.19   | cps   |
| Copper     | 63-2  | 6833759   | 6829063   | 6789774   | 6817532   | 0.35   | cps   |
| Dysprosium | 156-1 | 731597    | 729305    | 719401    | 726768    | 0.89   | cps   |
| Dysprosium | 156-2 | 338378    | 339762    | 339719    | 339286    | 0.23   | cps   |
| Erbium     | 164-1 | 721117    | 717550    | 708143    | 715603    | 0.94   | cps   |
| Erbium     | 164-2 | 326958    | 326280    | 327737    | 326992    | 0.22   | cps   |
| Gadolinium | 160-1 | 777326    | 772919    | 759343    | 769862    | 1.22   | cps   |
| Gadolinium | 160-2 | 392925    | 391073    | 392625    | 392208    | 0.25   | cps   |
| Holmium    | 165-1 | 10964738  | 11061126  | 10504441  | 10843435  | 2.74   | cps   |
| Holmium    | 165-2 | 5111444   | 5038289   | 5130209   | 5093314   | 0.95   | cps   |
| Indium     | 115-1 | 7643132   | 7686603   | 7293889   | 7541208   | 2.85   | cps   |
| Indium     | 115-2 | 1414528   | 1383892   | 1405592   | 1401337   | 1.12   | cps   |
| Iron       | 56-2  | 122769983 | 120669605 | 119479058 | 120972882 | 1.38   | cps   |
| Iron       | 57-2  | 2975800   | 2974703   | 2968905   | 2973136   | 0.12   | cps   |
| Lead       | 206-1 | 1812940   | 1795980   | 1791129   | 1800016   | 0.64   | cps   |
| Lead       | 207-1 | 1577737   | 1575649   | 1561432   | 1571606   | 0.56   | cps   |
| Lead       | 208-1 | 7315026   | 7260545   | 7221284   | 7265618   | 0.65   | cps   |
| Lithium    | 6-1   | 1110340   | 1110975   | 1063354   | 1094890   | 2.49   | cps   |
| Magnesium  | 24-2  | 12181823  | 12042349  | 12032973  | 12085715  | 0.69   | cps   |
| Manganese  | 55-2  | 132570391 | 132176655 | 130925918 | 131890988 | 0.65   | cps   |

|                         |                     |                   |                     |
|-------------------------|---------------------|-------------------|---------------------|
| LB Number :             | LB88853             | Operator :        | Jaswal              |
| Lab Sample ID :         | I4255-06DLX2        | Instrumnet Name : | P7                  |
| Client Sample ID :      | MH0CC6              | Dilution Factor : | 2                   |
| Date & Time Acquired :: | 2017-07-19 15:53:16 | DataFile Name :   | 057SMPL_P7071917 -M |

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|------------|-------|----------|----------|----------|----------|--------|-------|
| Molybdenum | 94-1  | 4009     | 4001     | 4051     | 4020     | 0.67   | cps   |
| Molybdenum | 95-1  | 9379     | 9704     | 10171    | 9751     | 4.08   | cps   |
| Molybdenum | 96-1  | 3751     | 3576     | 3642     | 3656     | 2.42   | cps   |
| Molybdenum | 97-1  | 417      | 358      | 333      | 369      | 11.58  | cps   |
| Molybdenum | 98-1  | 750      | 750      | 700      | 733      | 3.94   | cps   |
| Neodymium  | 150-1 | 955441   | 939973   | 930957   | 942124   | 1.31   | cps   |
| Neodymium  | 150-2 | 344859   | 344124   | 344865   | 344616   | 0.12   | cps   |
| Nickel     | 60-2  | 191030   | 191465   | 191914   | 191470   | 0.23   | cps   |
| Phosphorus | 31-2  | 183      | 350      | 225      | 253      | 34.31  | cps   |
| Potassium  | 39-2  | 1071805  | 1062898  | 1064912  | 1066538  | 0.44   | cps   |
| Rhodium    | 103-1 | 6543973  | 6540955  | 6194774  | 6426567  | 3.12   | cps   |
| Rhodium    | 103-2 | 2912113  | 2845009  | 2890825  | 2882649  | 1.19   | cps   |
| Scandium   | 45-1  | 3942670  | 3899269  | 3708328  | 3850089  | 3.24   | cps   |
| Scandium   | 45-2  | 169649   | 165155   | 166463   | 167089   | 1.38   | cps   |
| Selenium   | 77-2  | 1140     | 1017     | 1073     | 1077     | 5.73   | cps   |
| Selenium   | 78-2  | 711      | 717      | 744      | 724      | 2.47   | cps   |
| Selenium   | 82-1  | 867      | 704      | 852      | 808      | 11.15  | cps   |
| Silicon    | 28-1  | 24394465 | 24121031 | 23818759 | 24111418 | 1.19   | cps   |
| Silver     | 109-1 | 4151     | 3917     | 4067     | 4045     | 2.92   | cps   |
| Silver     | 107-1 | 4826     | 5301     | 5426     | 5184     | 6.11   | cps   |
| Sodium     | 23-2  | 7022586  | 6975154  | 6920111  | 6972617  | 0.74   | cps   |
| Strontium  | 86-1  | 2300275  | 2273462  | 2265251  | 2279662  | 0.80   | cps   |
| Strontium  | 88-1  | 20251668 | 20063237 | 19938938 | 20084614 | 0.78   | cps   |
| Sulfur     | 34-1  | 12376651 | 12290256 | 12174822 | 12280576 | 0.82   | cps   |
| Terbium    | 159-1 | 11198444 | 11241567 | 10704199 | 11048070 | 2.70   | cps   |
| Terbium    | 159-2 | 5101274  | 4959967  | 5048507  | 5036583  | 1.42   | cps   |
| Thallium   | 203-1 | 2350     | 2242     | 2500     | 2364     | 5.49   | cps   |
| Thallium   | 205-1 | 5668     | 5393     | 5768     | 5610     | 3.46   | cps   |
| Tin        | 118-1 | 2359     | 2259     | 2575     | 2398     | 6.75   | cps   |
| Titanium   | 47-1  | 1317     | 1292     | 1333     | 1314     | 1.60   | cps   |
| Uranium    | 238-1 | 1656039  | 1628364  | 1637691  | 1640698  | 0.86   | cps   |
| Vanadium   | 51-2  | 467      | 503      | 463      | 478      | 4.65   | cps   |
| Yttrium    | 89-1  | 18557674 | 18404873 | 18012743 | 18325097 | 1.53   | cps   |
| Yttrium    | 89-2  | 2556189  | 2524336  | 2554290  | 2544939  | 0.70   | cps   |
| Zinc       | 66-2  | 28307771 | 28180849 | 28259066 | 28249229 | 0.23   | cps   |
| Zirconium  | 90-1  | 10287    | 9871     | 9704     | 9954     | 3.02   | cps   |



|                         |                     |                   |                     |
|-------------------------|---------------------|-------------------|---------------------|
| LB Number :             | LB88853             | Operator :        | Jaswal              |
| Lab Sample ID :         | I4255-06DLX2        | Instrumnet Name : | P7                  |
| Client Sample ID :      | MH0CC6              | Dilution Factor : | 2                   |
| Date & Time Acquired :: | 2017-07-19 15:53:16 | DataFile Name :   | 057SMPL_P7071917 -M |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|-----------|------|------|------|------|---------|--------|-------|
| Zirconium | 91-1 | 3201 | 3192 | 3092 | 3162    | 1.91   | cps   |

LB Number : LB88853 Operator : Jaswal  
 Lab Sample ID : I4256-01DLX2 Instrumnet Name : P7  
 Client Sample ID : MH0CC2 Dilution Factor : 2  
 Date & Time Acquired :: 2017-07-19 15:56:41 DataFile Name : 058SMPL\_P7071917 -M

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|------------|-------|----------|----------|----------|----------|--------|-------|
| Aluminium  | 27-2  | 478085   | 476399   | 478445   | 477643   | 0.23   | cps   |
| Antimony   | 121-1 | 2950     | 2925     | 3117     | 2998     | 3.48   | cps   |
| Arsenic    | 75-2  | 15671    | 15710    | 16022    | 15801    | 1.22   | cps   |
| Barium     | 135-1 | 14475    | 14016    | 13849    | 14113    | 2.30   | cps   |
| Barium     | 137-1 | 25015    | 24681    | 24523    | 24740    | 1.02   | cps   |
| Beryllium  | 9-1   | 5373     | 5523     | 5668     | 5522     | 2.67   | cps   |
| Bismuth    | 209-1 | 6783599  | 6767137  | 6645336  | 6732024  | 1.12   | cps   |
| Bismuth    | 209-2 | 3840768  | 3894286  | 3819159  | 3851404  | 1.00   | cps   |
| Boron      | 10-1  | 1775     | 1800     | 1834     | 1803     | 1.62   | cps   |
| Boron      | 11-1  | 9337     | 9120     | 9061     | 9173     | 1.58   | cps   |
| Cadmium    | 111-1 | 505734   | 504039   | 499642   | 503139   | 0.62   | cps   |
| Cadmium    | 106-1 | 54422    | 52757    | 52289    | 53156    | 2.11   | cps   |
| Cadmium    | 108-1 | 35298    | 35156    | 35110    | 35188    | 0.28   | cps   |
| Calcium    | 43-1  | 2518021  | 2501467  | 2493310  | 2504266  | 0.50   | cps   |
| Calcium    | 44-1  | 40697000 | 40609173 | 40685610 | 40663928 | 0.12   | cps   |
| Chromium   | 52-2  | 1887     | 1893     | 2024     | 1935     | 3.98   | cps   |
| Cobalt     | 59-2  | 1122570  | 1134966  | 1133856  | 1130464  | 0.61   | cps   |
| Copper     | 63-2  | 5090674  | 5148261  | 5141905  | 5126946  | 0.62   | cps   |
| Dysprosium | 156-1 | 564684   | 566088   | 568599   | 566457   | 0.35   | cps   |
| Dysprosium | 156-2 | 268331   | 270680   | 273849   | 270953   | 1.02   | cps   |
| Erbium     | 164-1 | 556840   | 559994   | 558303   | 558379   | 0.28   | cps   |
| Erbium     | 164-2 | 256994   | 258253   | 258438   | 257895   | 0.30   | cps   |
| Gadolinium | 160-1 | 603457   | 602921   | 602489   | 602956   | 0.08   | cps   |
| Gadolinium | 160-2 | 310661   | 311478   | 312886   | 311675   | 0.36   | cps   |
| Holmium    | 165-1 | 10856316 | 10821595 | 10611821 | 10763244 | 1.23   | cps   |
| Holmium    | 165-2 | 5184082  | 5246799  | 5104585  | 5178489  | 1.38   | cps   |
| Indium     | 115-1 | 7673494  | 7693045  | 7498469  | 7621669  | 1.41   | cps   |
| Indium     | 115-2 | 1448806  | 1461974  | 1434628  | 1448469  | 0.94   | cps   |
| Iron       | 56-2  | 22273071 | 22138437 | 22308671 | 22240060 | 0.40   | cps   |
| Iron       | 57-2  | 546105   | 552584   | 551892   | 550194   | 0.65   | cps   |
| Lead       | 206-1 | 66896    | 64662    | 65142    | 65567    | 1.79   | cps   |
| Lead       | 207-1 | 56631    | 56693    | 56749    | 56691    | 0.10   | cps   |
| Lead       | 208-1 | 262591   | 263277   | 261034   | 262300   | 0.44   | cps   |
| Lithium    | 6-1   | 1101080  | 1099749  | 1092682  | 1097837  | 0.41   | cps   |
| Magnesium  | 24-2  | 6522764  | 6560137  | 6564876  | 6549259  | 0.35   | cps   |
| Manganese  | 55-2  | 74020074 | 74086707 | 73753777 | 73953519 | 0.24   | cps   |

|                         |                     |                   |                     |
|-------------------------|---------------------|-------------------|---------------------|
| LB Number :             | LB88853             | Operator :        | Jaswal              |
| Lab Sample ID :         | I4256-01DLX2        | Instrumnet Name : | P7                  |
| Client Sample ID :      | MH0CC2              | Dilution Factor : | 2                   |
| Date & Time Acquired :: | 2017-07-19 15:56:41 | DataFile Name :   | 058SMPL_P7071917 -M |

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|------------|-------|----------|----------|----------|----------|--------|-------|
| Molybdenum | 94-1  | 867      | 750      | 642      | 753      | 14.95  | cps   |
| Molybdenum | 95-1  | 5735     | 5068     | 5593     | 5465     | 6.43   | cps   |
| Molybdenum | 96-1  | 725      | 758      | 683      | 722      | 5.20   | cps   |
| Molybdenum | 97-1  | 92       | 75       | 100      | 89       | 14.33  | cps   |
| Molybdenum | 98-1  | 100      | 158      | 217      | 158      | 36.84  | cps   |
| Neodymium  | 150-1 | 745960   | 744472   | 754954   | 748462   | 0.76   | cps   |
| Neodymium  | 150-2 | 271781   | 279601   | 280670   | 277351   | 1.75   | cps   |
| Nickel     | 60-2  | 103180   | 105089   | 104180   | 104150   | 0.92   | cps   |
| Phosphorus | 31-2  | 117      | 158      | 142      | 139      | 15.10  | cps   |
| Potassium  | 39-2  | 680842   | 681698   | 674757   | 679099   | 0.56   | cps   |
| Rhodium    | 103-1 | 6677556  | 6607651  | 6459018  | 6581408  | 1.70   | cps   |
| Rhodium    | 103-2 | 2998905  | 3052830  | 2990921  | 3014219  | 1.12   | cps   |
| Scandium   | 45-1  | 3913468  | 3870372  | 3793884  | 3859241  | 1.57   | cps   |
| Scandium   | 45-2  | 171078   | 173101   | 171469   | 171883   | 0.62   | cps   |
| Selenium   | 77-2  | 863      | 903      | 880      | 882      | 2.28   | cps   |
| Selenium   | 78-2  | 633      | 572      | 591      | 599      | 5.23   | cps   |
| Selenium   | 82-1  | 558      | 528      | 642      | 576      | 10.28  | cps   |
| Silicon    | 28-1  | 14265838 | 14151415 | 14143724 | 14186992 | 0.48   | cps   |
| Silver     | 109-1 | 1300     | 1400     | 1658     | 1453     | 12.73  | cps   |
| Silver     | 107-1 | 1917     | 2167     | 1867     | 1984     | 8.10   | cps   |
| Sodium     | 23-2  | 4141223  | 4153650  | 4129847  | 4141573  | 0.29   | cps   |
| Strontium  | 86-1  | 1155474  | 1156837  | 1157530  | 1156614  | 0.09   | cps   |
| Strontium  | 88-1  | 10375990 | 10293616 | 10306614 | 10325407 | 0.43   | cps   |
| Sulfur     | 34-1  | 6725514  | 6733958  | 6761570  | 6740347  | 0.28   | cps   |
| Terbium    | 159-1 | 11027271 | 10982791 | 10986209 | 10998757 | 0.23   | cps   |
| Terbium    | 159-2 | 5080032  | 5129969  | 5057617  | 5089206  | 0.73   | cps   |
| Thallium   | 203-1 | 1342     | 1250     | 1308     | 1300     | 3.57   | cps   |
| Thallium   | 205-1 | 3101     | 2642     | 3100     | 2948     | 8.98   | cps   |
| Tin        | 118-1 | 783      | 733      | 700      | 739      | 5.68   | cps   |
| Titanium   | 47-1  | 308      | 358      | 408      | 358      | 13.95  | cps   |
| Uranium    | 238-1 | 1417701  | 1410717  | 1411320  | 1413246  | 0.27   | cps   |
| Vanadium   | 51-2  | 143      | 113      | 130      | 129      | 11.66  | cps   |
| Yttrium    | 89-1  | 15756481 | 15796095 | 15799010 | 15783862 | 0.15   | cps   |
| Yttrium    | 89-2  | 2207550  | 2242067  | 2206268  | 2218628  | 0.92   | cps   |
| Zinc       | 66-2  | 16600884 | 16701253 | 16678370 | 16660169 | 0.32   | cps   |
| Zirconium  | 90-1  | 2175     | 1992     | 2150     | 2106     | 4.72   | cps   |

|                         |                     |                   |                     |
|-------------------------|---------------------|-------------------|---------------------|
| LB Number :             | LB88853             | Operator :        | Jaswal              |
| Lab Sample ID :         | I4256-01DLX2        | Instrumnet Name : | P7                  |
| Client Sample ID :      | MH0CC2              | Dilution Factor : | 2                   |
| Date & Time Acquired :: | 2017-07-19 15:56:41 | DataFile Name :   | 058SMPL_P7071917 -M |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|-----------|------|------|------|------|---------|--------|-------|
| Zirconium | 91-1 | 475  | 492  | 475  | 481     | 2.00   | cps   |

LB Number : LB88853 Operator : Jaswal  
 Lab Sample ID : I4256-02DLX2 Instrumnet Name : P7  
 Client Sample ID : MH0CC3 Dilution Factor : 2  
 Date & Time Acquired :: 2017-07-19 16:00:07 DataFile Name : 059SMPL\_P7071917 -M

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|------------|-------|----------|----------|----------|----------|--------|-------|
| Aluminium  | 27-2  | 1183491  | 1185442  | 1173958  | 1180964  | 0.52   | cps   |
| Antimony   | 121-1 | 16577    | 15459    | 15259    | 15765    | 4.51   | cps   |
| Arsenic    | 75-2  | 81707    | 81977    | 81089    | 81591    | 0.56   | cps   |
| Barium     | 135-1 | 18355    | 18321    | 17829    | 18168    | 1.62   | cps   |
| Barium     | 137-1 | 32848    | 32840    | 31303    | 32330    | 2.75   | cps   |
| Beryllium  | 9-1   | 6613     | 6807     | 6807     | 6742     | 1.67   | cps   |
| Bismuth    | 209-1 | 7000325  | 7006611  | 6753686  | 6920207  | 2.08   | cps   |
| Bismuth    | 209-2 | 3879418  | 3926089  | 3923305  | 3909604  | 0.67   | cps   |
| Boron      | 10-1  | 900      | 925      | 867      | 897      | 3.26   | cps   |
| Boron      | 11-1  | 5026     | 4342     | 4643     | 4670     | 7.34   | cps   |
| Cadmium    | 111-1 | 235719   | 232628   | 232483   | 233610   | 0.78   | cps   |
| Cadmium    | 106-1 | 27152    | 27302    | 26325    | 26926    | 1.95   | cps   |
| Cadmium    | 108-1 | 15705    | 15571    | 15392    | 15556    | 1.01   | cps   |
| Calcium    | 43-1  | 1149934  | 1139875  | 1141515  | 1143775  | 0.47   | cps   |
| Calcium    | 44-1  | 18676539 | 18669874 | 18552256 | 18632890 | 0.38   | cps   |
| Chromium   | 52-2  | 5414     | 5204     | 5354     | 5324     | 2.03   | cps   |
| Cobalt     | 59-2  | 220175   | 219099   | 220817   | 220030   | 0.39   | cps   |
| Copper     | 63-2  | 2070246  | 2082129  | 2065800  | 2072725  | 0.41   | cps   |
| Dysprosium | 156-1 | 588832   | 587866   | 586150   | 587616   | 0.23   | cps   |
| Dysprosium | 156-2 | 289462   | 289368   | 288841   | 289224   | 0.12   | cps   |
| Erbium     | 164-1 | 560633   | 564438   | 560020   | 561697   | 0.43   | cps   |
| Erbium     | 164-2 | 261256   | 263410   | 261122   | 261929   | 0.49   | cps   |
| Gadolinium | 160-1 | 656269   | 655362   | 659808   | 657147   | 0.36   | cps   |
| Gadolinium | 160-2 | 338947   | 338116   | 338153   | 338405   | 0.14   | cps   |
| Holmium    | 165-1 | 10837908 | 10899104 | 10686261 | 10807758 | 1.01   | cps   |
| Holmium    | 165-2 | 5174359  | 5241808  | 5212774  | 5209647  | 0.65   | cps   |
| Indium     | 115-1 | 7776302  | 7762156  | 7587121  | 7708526  | 1.37   | cps   |
| Indium     | 115-2 | 1471599  | 1477400  | 1463925  | 1470975  | 0.46   | cps   |
| Iron       | 56-2  | 7013097  | 6976995  | 6912908  | 6967667  | 0.73   | cps   |
| Iron       | 57-2  | 173563   | 173816   | 172692   | 173357   | 0.34   | cps   |
| Lead       | 206-1 | 485014   | 485475   | 484743   | 485077   | 0.08   | cps   |
| Lead       | 207-1 | 422448   | 425578   | 421995   | 423340   | 0.46   | cps   |
| Lead       | 208-1 | 1945681  | 1951299  | 1944647  | 1947209  | 0.18   | cps   |
| Lithium    | 6-1   | 1118704  | 1114916  | 1091003  | 1108208  | 1.36   | cps   |
| Magnesium  | 24-2  | 3272885  | 3295067  | 3272238  | 3280064  | 0.40   | cps   |
| Manganese  | 55-2  | 37942146 | 37935895 | 37569219 | 37815754 | 0.56   | cps   |

|                         |                     |                   |                     |
|-------------------------|---------------------|-------------------|---------------------|
| LB Number :             | LB88853             | Operator :        | Jaswal              |
| Lab Sample ID :         | I4256-02DLX2        | Instrumnet Name : | P7                  |
| Client Sample ID :      | MH0CC3              | Dilution Factor : | 2                   |
| Date & Time Acquired :: | 2017-07-19 16:00:07 | DataFile Name :   | 059SMPL_P7071917 -M |

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|------------|-------|----------|----------|----------|----------|--------|-------|
| Molybdenum | 94-1  | 3184     | 3059     | 3092     | 3112     | 2.08   | cps   |
| Molybdenum | 95-1  | 3100     | 2975     | 2817     | 2964     | 4.79   | cps   |
| Molybdenum | 96-1  | 717      | 642      | 633      | 664      | 6.91   | cps   |
| Molybdenum | 97-1  | 50       | 117      | 108      | 92       | 39.63  | cps   |
| Molybdenum | 98-1  | 258      | 192      | 283      | 244      | 19.38  | cps   |
| Neodymium  | 150-1 | 865040   | 859192   | 862207   | 862146   | 0.34   | cps   |
| Neodymium  | 150-2 | 321342   | 320100   | 321861   | 321101   | 0.28   | cps   |
| Nickel     | 60-2  | 39025    | 40018    | 39570    | 39538    | 1.26   | cps   |
| Phosphorus | 31-2  | 217      | 292      | 208      | 239      | 19.21  | cps   |
| Potassium  | 39-2  | 391948   | 395196   | 393090   | 393411   | 0.42   | cps   |
| Rhodium    | 103-1 | 6717055  | 6741059  | 6590833  | 6682983  | 1.21   | cps   |
| Rhodium    | 103-2 | 3053060  | 3054756  | 3052629  | 3053482  | 0.04   | cps   |
| Scandium   | 45-1  | 4022108  | 3977119  | 3869506  | 3956245  | 1.98   | cps   |
| Scandium   | 45-2  | 173242   | 174744   | 174021   | 174002   | 0.43   | cps   |
| Selenium   | 77-2  | 980      | 1010     | 1113     | 1035     | 6.76   | cps   |
| Selenium   | 78-2  | 620      | 594      | 633      | 616      | 3.21   | cps   |
| Selenium   | 82-1  | 686      | 708      | 695      | 696      | 1.60   | cps   |
| Silicon    | 28-1  | 18916154 | 18870511 | 18779040 | 18855235 | 0.37   | cps   |
| Silver     | 109-1 | 3142     | 3067     | 3326     | 3178     | 4.18   | cps   |
| Silver     | 107-1 | 3442     | 3492     | 3492     | 3476     | 0.83   | cps   |
| Sodium     | 23-2  | 1818575  | 1845836  | 1837113  | 1833841  | 0.76   | cps   |
| Strontium  | 86-1  | 442793   | 444500   | 442184   | 443159   | 0.27   | cps   |
| Strontium  | 88-1  | 3927252  | 3935599  | 3953546  | 3938799  | 0.34   | cps   |
| Sulfur     | 34-1  | 4056782  | 4664279  | 4628745  | 4449936  | 7.66   | cps   |
| Terbium    | 159-1 | 11195732 | 11267546 | 10946503 | 11136593 | 1.51   | cps   |
| Terbium    | 159-2 | 5121869  | 5146638  | 5081341  | 5116616  | 0.64   | cps   |
| Thallium   | 203-1 | 600      | 458      | 550      | 536      | 13.40  | cps   |
| Thallium   | 205-1 | 1283     | 1367     | 1375     | 1342     | 3.78   | cps   |
| Tin        | 118-1 | 975      | 875      | 883      | 911      | 6.09   | cps   |
| Titanium   | 47-1  | 650      | 600      | 650      | 633      | 4.56   | cps   |
| Uranium    | 238-1 | 1440391  | 1435061  | 1442553  | 1439335  | 0.27   | cps   |
| Vanadium   | 51-2  | 100      | 77       | 77       | 84       | 15.95  | cps   |
| Yttrium    | 89-1  | 15385761 | 15282110 | 15207094 | 15291655 | 0.59   | cps   |
| Yttrium    | 89-2  | 2162555  | 2169711  | 2154854  | 2162373  | 0.34   | cps   |
| Zinc       | 66-2  | 5682111  | 5723448  | 5692425  | 5699328  | 0.38   | cps   |
| Zirconium  | 90-1  | 8128     | 7994     | 7969     | 8030     | 1.06   | cps   |

|                         |                     |                   |                     |
|-------------------------|---------------------|-------------------|---------------------|
| LB Number :             | LB88853             | Operator :        | Jaswal              |
| Lab Sample ID :         | I4256-02DLX2        | Instrumnet Name : | P7                  |
| Client Sample ID :      | MH0CC3              | Dilution Factor : | 2                   |
| Date & Time Acquired :: | 2017-07-19 16:00:07 | DataFile Name :   | 059SMPL_P7071917 -M |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|-----------|------|------|------|------|---------|--------|-------|
| Zirconium | 91-1 | 1975 | 2300 | 2025 | 2100    | 8.33   | cps   |

|                         |                     |                   |                     |
|-------------------------|---------------------|-------------------|---------------------|
| LB Number :             | LB88853             | Operator :        | Jaswal              |
| Lab Sample ID :         | I4256-03DLX2        | Instrumnet Name : | P7                  |
| Client Sample ID :      | MH0CC3D             | Dilution Factor : | 2                   |
| Date & Time Acquired :: | 2017-07-19 16:03:34 | DataFile Name :   | 060SMPL_P7071917 -M |

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|------------|-------|----------|----------|----------|----------|--------|-------|
| Aluminium  | 27-2  | 1182821  | 1176499  | 1176747  | 1178689  | 0.30   | cps   |
| Antimony   | 121-1 | 15492    | 16135    | 15576    | 15734    | 2.22   | cps   |
| Arsenic    | 75-2  | 81003    | 81147    | 81642    | 81264    | 0.41   | cps   |
| Barium     | 135-1 | 18046    | 17754    | 18163    | 17987    | 1.17   | cps   |
| Barium     | 137-1 | 31871    | 31354    | 31069    | 31431    | 1.29   | cps   |
| Beryllium  | 9-1   | 6796     | 7135     | 6780     | 6904     | 2.91   | cps   |
| Bismuth    | 209-1 | 6961069  | 7203416  | 6805326  | 6989937  | 2.87   | cps   |
| Bismuth    | 209-2 | 3893982  | 3866607  | 3869721  | 3876770  | 0.39   | cps   |
| Boron      | 10-1  | 917      | 850      | 808      | 858      | 6.37   | cps   |
| Boron      | 11-1  | 4484     | 4376     | 4451     | 4437     | 1.25   | cps   |
| Cadmium    | 111-1 | 234117   | 232441   | 230842   | 232467   | 0.70   | cps   |
| Cadmium    | 106-1 | 26626    | 26534    | 26659    | 26606    | 0.24   | cps   |
| Cadmium    | 108-1 | 15705    | 15972    | 16372    | 16016    | 2.10   | cps   |
| Calcium    | 43-1  | 1142138  | 1134266  | 1136680  | 1137694  | 0.35   | cps   |
| Calcium    | 44-1  | 18590552 | 18585963 | 18684158 | 18620224 | 0.30   | cps   |
| Chromium   | 52-2  | 5211     | 5381     | 5268     | 5287     | 1.64   | cps   |
| Cobalt     | 59-2  | 217864   | 219486   | 220500   | 219283   | 0.61   | cps   |
| Copper     | 63-2  | 2055264  | 2059802  | 2059694  | 2058253  | 0.13   | cps   |
| Dysprosium | 156-1 | 587356   | 586743   | 586648   | 586916   | 0.07   | cps   |
| Dysprosium | 156-2 | 283550   | 288093   | 289262   | 286969   | 1.05   | cps   |
| Erbium     | 164-1 | 560066   | 549870   | 550795   | 553577   | 1.02   | cps   |
| Erbium     | 164-2 | 256654   | 259738   | 259857   | 258750   | 0.70   | cps   |
| Gadolinium | 160-1 | 649390   | 653069   | 653368   | 651943   | 0.34   | cps   |
| Gadolinium | 160-2 | 336030   | 335786   | 336971   | 336262   | 0.19   | cps   |
| Holmium    | 165-1 | 10914230 | 11039928 | 10650587 | 10868248 | 1.83   | cps   |
| Holmium    | 165-2 | 5146198  | 5137141  | 5156325  | 5146555  | 0.19   | cps   |
| Indium     | 115-1 | 7770560  | 7973168  | 7666328  | 7803352  | 2.00   | cps   |
| Indium     | 115-2 | 1472354  | 1457911  | 1458559  | 1462941  | 0.56   | cps   |
| Iron       | 56-2  | 6930806  | 6901724  | 6941062  | 6924531  | 0.29   | cps   |
| Iron       | 57-2  | 170805   | 172084   | 173298   | 172062   | 0.72   | cps   |
| Lead       | 206-1 | 482765   | 485273   | 483631   | 483890   | 0.26   | cps   |
| Lead       | 207-1 | 420061   | 419912   | 419214   | 419729   | 0.11   | cps   |
| Lead       | 208-1 | 1941157  | 1930460  | 1932081  | 1934566  | 0.30   | cps   |
| Lithium    | 6-1   | 1118695  | 1131996  | 1095869  | 1115520  | 1.64   | cps   |
| Magnesium  | 24-2  | 3259699  | 3266847  | 3252574  | 3259707  | 0.22   | cps   |
| Manganese  | 55-2  | 37589627 | 37552234 | 37487103 | 37542988 | 0.14   | cps   |



|                         |                     |                   |                     |
|-------------------------|---------------------|-------------------|---------------------|
| LB Number :             | LB88853             | Operator :        | Jaswal              |
| Lab Sample ID :         | I4256-03DLX2        | Instrumnet Name : | P7                  |
| Client Sample ID :      | MH0CC3D             | Dilution Factor : | 2                   |
| Date & Time Acquired :: | 2017-07-19 16:03:34 | DataFile Name :   | 060SMPL_P7071917 -M |

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|------------|-------|----------|----------|----------|----------|--------|-------|
| Molybdenum | 94-1  | 2909     | 3117     | 2992     | 3006     | 3.49   | cps   |
| Molybdenum | 95-1  | 2875     | 2959     | 2417     | 2750     | 10.61  | cps   |
| Molybdenum | 96-1  | 758      | 758      | 808      | 775      | 3.73   | cps   |
| Molybdenum | 97-1  | 83       | 92       | 117      | 97       | 17.84  | cps   |
| Molybdenum | 98-1  | 217      | 250      | 175      | 214      | 17.57  | cps   |
| Neodymium  | 150-1 | 859646   | 851855   | 858956   | 856819   | 0.50   | cps   |
| Neodymium  | 150-2 | 315080   | 319459   | 322505   | 319014   | 1.17   | cps   |
| Nickel     | 60-2  | 39450    | 39787    | 39617    | 39618    | 0.43   | cps   |
| Phosphorus | 31-2  | 125      | 258      | 267      | 217      | 36.69  | cps   |
| Potassium  | 39-2  | 390896   | 388201   | 391141   | 390080   | 0.42   | cps   |
| Rhodium    | 103-1 | 6824426  | 6938844  | 6657721  | 6806997  | 2.08   | cps   |
| Rhodium    | 103-2 | 3060389  | 3019812  | 3036414  | 3038872  | 0.67   | cps   |
| Scandium   | 45-1  | 4066904  | 4198702  | 3888662  | 4051423  | 3.84   | cps   |
| Scandium   | 45-2  | 175695   | 173115   | 173357   | 174056   | 0.82   | cps   |
| Selenium   | 77-2  | 1003     | 1067     | 987      | 1019     | 4.14   | cps   |
| Selenium   | 78-2  | 728      | 583      | 607      | 640      | 12.10  | cps   |
| Selenium   | 82-1  | 562      | 563      | 610      | 578      | 4.70   | cps   |
| Silicon    | 28-1  | 18717008 | 18720963 | 18753912 | 18730628 | 0.11   | cps   |
| Silver     | 109-1 | 2850     | 2900     | 2842     | 2864     | 1.10   | cps   |
| Silver     | 107-1 | 3175     | 3501     | 3734     | 3470     | 8.08   | cps   |
| Sodium     | 23-2  | 1819351  | 1828389  | 1830435  | 1826058  | 0.32   | cps   |
| Strontium  | 86-1  | 446230   | 440954   | 440951   | 442712   | 0.69   | cps   |
| Strontium  | 88-1  | 3945154  | 3903741  | 3912272  | 3920389  | 0.56   | cps   |
| Sulfur     | 34-1  | 4070058  | 4030937  | 4028166  | 4043054  | 0.58   | cps   |
| Terbium    | 159-1 | 11170260 | 11487323 | 10893952 | 11183845 | 2.65   | cps   |
| Terbium    | 159-2 | 5113638  | 5099406  | 5109423  | 5107489  | 0.14   | cps   |
| Thallium   | 203-1 | 600      | 608      | 583      | 597      | 2.13   | cps   |
| Thallium   | 205-1 | 1450     | 1325     | 1333     | 1370     | 5.10   | cps   |
| Tin        | 118-1 | 675      | 842      | 750      | 756      | 11.05  | cps   |
| Titanium   | 47-1  | 658      | 692      | 608      | 653      | 6.43   | cps   |
| Uranium    | 238-1 | 1433535  | 1416888  | 1422971  | 1424465  | 0.59   | cps   |
| Vanadium   | 51-2  | 103      | 93       | 127      | 108      | 15.87  | cps   |
| Yttrium    | 89-1  | 15571847 | 15616872 | 15212564 | 15467094 | 1.43   | cps   |
| Yttrium    | 89-2  | 2150991  | 2146109  | 2151817  | 2149639  | 0.14   | cps   |
| Zinc       | 66-2  | 5659138  | 5681563  | 5691160  | 5677287  | 0.29   | cps   |
| Zirconium  | 90-1  | 8394     | 8420     | 8128     | 8314     | 1.95   | cps   |

|                         |                     |                   |                     |
|-------------------------|---------------------|-------------------|---------------------|
| LB Number :             | LB88853             | Operator :        | Jaswal              |
| Lab Sample ID :         | I4256-03DLX2        | Instrumnet Name : | P7                  |
| Client Sample ID :      | MH0CC3D             | Dilution Factor : | 2                   |
| Date & Time Acquired :: | 2017-07-19 16:03:34 | DataFile Name :   | 060SMPL_P7071917 -M |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|-----------|------|------|------|------|---------|--------|-------|
| Zirconium | 91-1 | 2300 | 2050 | 1825 | 2059    | 11.54  | cps   |

|                         |                     |                   |                     |
|-------------------------|---------------------|-------------------|---------------------|
| LB Number :             | LB88853             | Operator :        | Jaswal              |
| Lab Sample ID :         | I4256-02LDLX10      | Instrumnet Name : | P7                  |
| Client Sample ID :      | MH0CC3L             | Dilution Factor : | 10                  |
| Date & Time Acquired :: | 2017-07-19 16:07:01 | DataFile Name :   | 061SMPL_P7071917 -M |

| Parameter  | Mass  | CPS1     | CPS2     | CPS3    | CPSMean  | CPSRSD | Units |
|------------|-------|----------|----------|---------|----------|--------|-------|
| Aluminium  | 27-2  | 220046   | 222321   | 220435  | 220934   | 0.55   | cps   |
| Antimony   | 121-1 | 3059     | 2934     | 3142    | 3045     | 3.44   | cps   |
| Arsenic    | 75-2  | 14947    | 15232    | 15323   | 15167    | 1.29   | cps   |
| Barium     | 135-1 | 3317     | 3509     | 3409    | 3412     | 2.81   | cps   |
| Barium     | 137-1 | 6160     | 5851     | 6385    | 6132     | 4.37   | cps   |
| Beryllium  | 9-1   | 1295     | 1361     | 1328    | 1328     | 2.51   | cps   |
| Bismuth    | 209-1 | 6640623  | 6924550  | 6619896 | 6728356  | 2.53   | cps   |
| Bismuth    | 209-2 | 3689849  | 3789844  | 3756438 | 3745377  | 1.36   | cps   |
| Boron      | 10-1  | 475      | 317      | 450     | 414      | 20.57  | cps   |
| Boron      | 11-1  | 1942     | 2009     | 1725    | 1892     | 7.83   | cps   |
| Cadmium    | 111-1 | 46204    | 45724    | 46216   | 46048    | 0.61   | cps   |
| Cadmium    | 106-1 | 7002     | 6969     | 7386    | 7119     | 3.26   | cps   |
| Cadmium    | 108-1 | 2996     | 3034     | 3017    | 3016     | 0.62   | cps   |
| Calcium    | 43-1  | 215775   | 218506   | 215832  | 216704   | 0.72   | cps   |
| Calcium    | 44-1  | 3599093  | 3570107  | 3518511 | 3562570  | 1.15   | cps   |
| Chromium   | 52-2  | 1400     | 1300     | 1403    | 1368     | 4.29   | cps   |
| Cobalt     | 59-2  | 40787    | 41606    | 41823   | 41405    | 1.32   | cps   |
| Copper     | 63-2  | 390895   | 389822   | 391926  | 390881   | 0.27   | cps   |
| Dysprosium | 156-1 | 111122   | 112342   | 111291  | 111585   | 0.59   | cps   |
| Dysprosium | 156-2 | 53761    | 53534    | 53039   | 53445    | 0.69   | cps   |
| Erbium     | 164-1 | 106523   | 107009   | 104674  | 106069   | 1.16   | cps   |
| Erbium     | 164-2 | 48168    | 47730    | 47991   | 47963    | 0.46   | cps   |
| Gadolinium | 160-1 | 123823   | 123647   | 122655  | 123375   | 0.51   | cps   |
| Gadolinium | 160-2 | 62883    | 62599    | 62140   | 62541    | 0.60   | cps   |
| Holmium    | 165-1 | 10155616 | 10390799 | 9909797 | 10152071 | 2.37   | cps   |
| Holmium    | 165-2 | 4714943  | 4811952  | 4791415 | 4772770  | 1.07   | cps   |
| Indium     | 115-1 | 7513927  | 7671632  | 7458080 | 7547880  | 1.47   | cps   |
| Indium     | 115-2 | 1389968  | 1410070  | 1410939 | 1403659  | 0.85   | cps   |
| Iron       | 56-2  | 1291317  | 1288016  | 1296697 | 1292010  | 0.34   | cps   |
| Iron       | 57-2  | 32325    | 32910    | 32665   | 32633    | 0.90   | cps   |
| Lead       | 206-1 | 92966    | 92385    | 91949   | 92434    | 0.55   | cps   |
| Lead       | 207-1 | 80152    | 82303    | 81287   | 81247    | 1.32   | cps   |
| Lead       | 208-1 | 373657   | 372583   | 370743  | 372328   | 0.40   | cps   |
| Lithium    | 6-1   | 1067800  | 1082940  | 1050524 | 1067088  | 1.52   | cps   |
| Magnesium  | 24-2  | 617337   | 606196   | 607323  | 610285   | 1.00   | cps   |
| Manganese  | 55-2  | 7153827  | 7160967  | 7142534 | 7152443  | 0.13   | cps   |

|                         |                     |                   |                     |
|-------------------------|---------------------|-------------------|---------------------|
| LB Number :             | LB88853             | Operator :        | Jaswal              |
| Lab Sample ID :         | I4256-02LDLX10      | Instrumnet Name : | P7                  |
| Client Sample ID :      | MH0CC3L             | Dilution Factor : | 10                  |
| Date & Time Acquired :: | 2017-07-19 16:07:01 | DataFile Name :   | 061SMPL_P7071917 -M |

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|------------|-------|----------|----------|----------|----------|--------|-------|
| Molybdenum | 94-1  | 767      | 792      | 642      | 733      | 10.96  | cps   |
| Molybdenum | 95-1  | 558      | 525      | 475      | 519      | 8.07   | cps   |
| Molybdenum | 96-1  | 200      | 258      | 308      | 256      | 21.22  | cps   |
| Molybdenum | 97-1  | 92       | 33       | 142      | 89       | 61.00  | cps   |
| Molybdenum | 98-1  | 67       | 67       | 100      | 78       | 24.74  | cps   |
| Neodymium  | 150-1 | 161536   | 162832   | 162649   | 162339   | 0.43   | cps   |
| Neodymium  | 150-2 | 59297    | 60247    | 59638    | 59727    | 0.81   | cps   |
| Nickel     | 60-2  | 7846     | 7879     | 8086     | 7937     | 1.64   | cps   |
| Phosphorus | 31-2  | 75       | 117      | 167      | 119      | 38.43  | cps   |
| Potassium  | 39-2  | 93754    | 94441    | 93561    | 93919    | 0.49   | cps   |
| Rhodium    | 103-1 | 6625813  | 6805376  | 6555447  | 6662212  | 1.93   | cps   |
| Rhodium    | 103-2 | 2915048  | 2962332  | 2975113  | 2950831  | 1.07   | cps   |
| Scandium   | 45-1  | 3817570  | 3911142  | 3736768  | 3821827  | 2.28   | cps   |
| Scandium   | 45-2  | 161832   | 168569   | 167886   | 166096   | 2.23   | cps   |
| Selenium   | 77-2  | 167      | 233      | 233      | 211      | 18.23  | cps   |
| Selenium   | 78-2  | 139      | 176      | 170      | 162      | 12.35  | cps   |
| Selenium   | 82-1  | 180      | 69       | 113      | 121      | 46.47  | cps   |
| Silicon    | 28-1  | 4498791  | 4452279  | 4432736  | 4461269  | 0.76   | cps   |
| Silver     | 109-1 | 1242     | 992      | 1183     | 1139     | 11.48  | cps   |
| Silver     | 107-1 | 983      | 1142     | 1150     | 1092     | 8.60   | cps   |
| Sodium     | 23-2  | 353382   | 351810   | 350643   | 351945   | 0.39   | cps   |
| Strontium  | 86-1  | 84196    | 85228    | 83333    | 84252    | 1.13   | cps   |
| Strontium  | 88-1  | 742760   | 741633   | 732672   | 739022   | 0.75   | cps   |
| Sulfur     | 34-1  | 1027564  | 1023592  | 1028320  | 1026492  | 0.25   | cps   |
| Terbium    | 159-1 | 10427262 | 10665717 | 10304186 | 10465722 | 1.76   | cps   |
| Terbium    | 159-2 | 4658438  | 4738031  | 4743598  | 4713356  | 1.01   | cps   |
| Thallium   | 203-1 | 192      | 117      | 175      | 161      | 24.45  | cps   |
| Thallium   | 205-1 | 458      | 417      | 417      | 431      | 5.59   | cps   |
| Tin        | 118-1 | 792      | 642      | 883      | 772      | 15.80  | cps   |
| Titanium   | 47-1  | 133      | 175      | 233      | 181      | 27.82  | cps   |
| Uranium    | 238-1 | 265072   | 268954   | 265753   | 266593   | 0.78   | cps   |
| Vanadium   | 51-2  | 27       | 50       | 13       | 30       | 61.87  | cps   |
| Yttrium    | 89-1  | 8864379  | 9030644  | 8822815  | 8905946  | 1.23   | cps   |
| Yttrium    | 89-2  | 1222685  | 1233896  | 1236615  | 1231066  | 0.60   | cps   |
| Zinc       | 66-2  | 1059185  | 1059643  | 1060267  | 1059698  | 0.05   | cps   |
| Zirconium  | 90-1  | 2234     | 1884     | 1942     | 2020     | 9.29   | cps   |

|                         |                     |                   |                     |
|-------------------------|---------------------|-------------------|---------------------|
| LB Number :             | LB88853             | Operator :        | Jaswal              |
| Lab Sample ID :         | I4256-02LDLX10      | Instrumnet Name : | P7                  |
| Client Sample ID :      | MH0CC3L             | Dilution Factor : | 10                  |
| Date & Time Acquired :: | 2017-07-19 16:07:01 | DataFile Name :   | 061SMPL_P7071917 -M |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|-----------|------|------|------|------|---------|--------|-------|
| Zirconium | 91-1 | 467  | 533  | 400  | 467     | 14.29  | cps   |

|                         |                     |                   |                     |
|-------------------------|---------------------|-------------------|---------------------|
| LB Number :             | LB88853             | Operator :        | Jaswal              |
| Lab Sample ID :         | I4256-04DLX2        | Instrumnet Name : | P7                  |
| Client Sample ID :      | MH0CC3S             | Dilution Factor : | 2                   |
| Date & Time Acquired :: | 2017-07-19 16:10:29 | DataFile Name :   | 062SMPL_P7071917 -M |

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|------------|-------|----------|----------|----------|----------|--------|-------|
| Aluminium  | 27-2  | 1233050  | 1232151  | 1244899  | 1236700  | 0.58   | cps   |
| Antimony   | 121-1 | 456161   | 459137   | 458807   | 458035   | 0.36   | cps   |
| Arsenic    | 75-2  | 87189    | 87161    | 86235    | 86862    | 0.62   | cps   |
| Barium     | 135-1 | 2298537  | 2281435  | 2280106  | 2286693  | 0.45   | cps   |
| Barium     | 137-1 | 4020882  | 4026621  | 4025276  | 4024260  | 0.07   | cps   |
| Beryllium  | 9-1   | 30848    | 30993    | 31422    | 31088    | 0.96   | cps   |
| Bismuth    | 209-1 | 6905144  | 6950975  | 6930574  | 6928898  | 0.33   | cps   |
| Bismuth    | 209-2 | 3813605  | 3961675  | 3853078  | 3876119  | 1.98   | cps   |
| Boron      | 10-1  | 867      | 817      | 825      | 836      | 3.20   | cps   |
| Boron      | 11-1  | 3826     | 3801     | 4042     | 3890     | 3.42   | cps   |
| Cadmium    | 111-1 | 286181   | 287814   | 284537   | 286178   | 0.57   | cps   |
| Cadmium    | 106-1 | 30759    | 31077    | 31302    | 31046    | 0.88   | cps   |
| Cadmium    | 108-1 | 19426    | 19476    | 19459    | 19454    | 0.13   | cps   |
| Calcium    | 43-1  | 1151424  | 1150355  | 1153802  | 1151860  | 0.15   | cps   |
| Calcium    | 44-1  | 18812645 | 18707923 | 18746704 | 18755757 | 0.28   | cps   |
| Chromium   | 52-2  | 212227   | 212583   | 213417   | 212742   | 0.29   | cps   |
| Cobalt     | 59-2  | 1100388  | 1095590  | 1100751  | 1098910  | 0.26   | cps   |
| Copper     | 63-2  | 2396573  | 2385274  | 2400642  | 2394163  | 0.33   | cps   |
| Dysprosium | 156-1 | 587815   | 592072   | 587040   | 588976   | 0.46   | cps   |
| Dysprosium | 156-2 | 287007   | 289697   | 289859   | 288854   | 0.55   | cps   |
| Erbium     | 164-1 | 563702   | 562811   | 564224   | 563579   | 0.13   | cps   |
| Erbium     | 164-2 | 260247   | 261258   | 260756   | 260754   | 0.19   | cps   |
| Gadolinium | 160-1 | 656384   | 649198   | 653385   | 652989   | 0.55   | cps   |
| Gadolinium | 160-2 | 339979   | 338866   | 340977   | 339940   | 0.31   | cps   |
| Holmium    | 165-1 | 10755143 | 10885391 | 10858053 | 10832862 | 0.63   | cps   |
| Holmium    | 165-2 | 5107636  | 5266902  | 5104034  | 5159524  | 1.80   | cps   |
| Indium     | 115-1 | 7747279  | 7722541  | 7716136  | 7728652  | 0.21   | cps   |
| Indium     | 115-2 | 1437417  | 1479538  | 1436230  | 1451062  | 1.70   | cps   |
| Iron       | 56-2  | 7815896  | 7844903  | 7783816  | 7814871  | 0.39   | cps   |
| Iron       | 57-2  | 194381   | 196891   | 193022   | 194764   | 1.01   | cps   |
| Lead       | 206-1 | 562355   | 565608   | 559994   | 562652   | 0.50   | cps   |
| Lead       | 207-1 | 490745   | 489778   | 490370   | 490297   | 0.10   | cps   |
| Lead       | 208-1 | 2258071  | 2261344  | 2249114  | 2256176  | 0.28   | cps   |
| Lithium    | 6-1   | 1100414  | 1110921  | 1108590  | 1106642  | 0.50   | cps   |
| Magnesium  | 24-2  | 3297157  | 3275481  | 3293964  | 3288867  | 0.36   | cps   |
| Manganese  | 55-2  | 38246041 | 38070773 | 38237299 | 38184704 | 0.26   | cps   |

|                         |                     |                   |                     |
|-------------------------|---------------------|-------------------|---------------------|
| LB Number :             | LB88853             | Operator :        | Jaswal              |
| Lab Sample ID :         | I4256-04DLX2        | Instrumnet Name : | P7                  |
| Client Sample ID :      | MH0CC3S             | Dilution Factor : | 2                   |
| Date & Time Acquired :: | 2017-07-19 16:10:29 | DataFile Name :   | 062SMPL_P7071917 -M |

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|------------|-------|----------|----------|----------|----------|--------|-------|
| Molybdenum | 94-1  | 3301     | 3150     | 3109     | 3187     | 3.16   | cps   |
| Molybdenum | 95-1  | 2725     | 2692     | 2892     | 2770     | 3.87   | cps   |
| Molybdenum | 96-1  | 817      | 850      | 1025     | 897      | 12.47  | cps   |
| Molybdenum | 97-1  | 58       | 83       | 125      | 89       | 37.89  | cps   |
| Molybdenum | 98-1  | 292      | 350      | 392      | 344      | 14.58  | cps   |
| Neodymium  | 150-1 | 857631   | 859278   | 865559   | 860823   | 0.49   | cps   |
| Neodymium  | 150-2 | 317881   | 321193   | 321520   | 320198   | 0.63   | cps   |
| Nickel     | 60-2  | 270439   | 270340   | 267950   | 269577   | 0.52   | cps   |
| Phosphorus | 31-2  | 167      | 217      | 208      | 197      | 13.58  | cps   |
| Potassium  | 39-2  | 391454   | 390584   | 393166   | 391735   | 0.34   | cps   |
| Rhodium    | 103-1 | 6719425  | 6757600  | 6763784  | 6746937  | 0.36   | cps   |
| Rhodium    | 103-2 | 2997313  | 3116042  | 3002732  | 3038696  | 2.21   | cps   |
| Scandium   | 45-1  | 3999931  | 4030970  | 3992492  | 4007797  | 0.51   | cps   |
| Scandium   | 45-2  | 171061   | 176107   | 170511   | 172560   | 1.79   | cps   |
| Selenium   | 77-2  | 1287     | 1323     | 1283     | 1298     | 1.71   | cps   |
| Selenium   | 78-2  | 1448     | 1472     | 1591     | 1504     | 5.08   | cps   |
| Selenium   | 82-1  | 6840     | 6691     | 6674     | 6735     | 1.36   | cps   |
| Silicon    | 28-1  | 18955769 | 18961188 | 18882172 | 18933043 | 0.23   | cps   |
| Silver     | 109-1 | 226629   | 221564   | 222293   | 223495   | 1.23   | cps   |
| Silver     | 107-1 | 233171   | 229689   | 226778   | 229879   | 1.39   | cps   |
| Sodium     | 23-2  | 1841547  | 1850779  | 1844004  | 1845444  | 0.26   | cps   |
| Strontium  | 86-1  | 449067   | 445420   | 443243   | 445910   | 0.66   | cps   |
| Strontium  | 88-1  | 3953233  | 3956873  | 3935986  | 3948697  | 0.28   | cps   |
| Sulfur     | 34-1  | 4087017  | 4107305  | 4073462  | 4089261  | 0.42   | cps   |
| Terbium    | 159-1 | 11121557 | 11202755 | 11097586 | 11140633 | 0.49   | cps   |
| Terbium    | 159-2 | 5029424  | 5205429  | 5045751  | 5093535  | 1.91   | cps   |
| Thallium   | 203-1 | 228114   | 225241   | 227368   | 226908   | 0.66   | cps   |
| Thallium   | 205-1 | 545614   | 548604   | 545324   | 546514   | 0.33   | cps   |
| Tin        | 118-1 | 917      | 642      | 900      | 820      | 18.82  | cps   |
| Titanium   | 47-1  | 642      | 717      | 650      | 669      | 6.14   | cps   |
| Uranium    | 238-1 | 1427676  | 1435814  | 1439128  | 1434206  | 0.41   | cps   |
| Vanadium   | 51-2  | 438367   | 434038   | 436850   | 436419   | 0.50   | cps   |
| Yttrium    | 89-1  | 15358266 | 15392898 | 15316205 | 15355790 | 0.25   | cps   |
| Yttrium    | 89-2  | 2157999  | 2176859  | 2138386  | 2157748  | 0.89   | cps   |
| Zinc       | 66-2  | 5771945  | 5767861  | 5808811  | 5782872  | 0.39   | cps   |
| Zirconium  | 90-1  | 7811     | 8161     | 8278     | 8083     | 3.01   | cps   |

|                         |                     |                   |                     |
|-------------------------|---------------------|-------------------|---------------------|
| LB Number :             | LB88853             | Operator :        | Jaswal              |
| Lab Sample ID :         | I4256-04DLX2        | Instrumnet Name : | P7                  |
| Client Sample ID :      | MH0CC3S             | Dilution Factor : | 2                   |
| Date & Time Acquired :: | 2017-07-19 16:10:29 | DataFile Name :   | 062SMPL_P7071917 -M |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|-----------|------|------|------|------|---------|--------|-------|
| Zirconium | 91-1 | 2309 | 2250 | 1975 | 2178    | 8.17   | cps   |



|                         |                     |                   |                     |
|-------------------------|---------------------|-------------------|---------------------|
| LB Number :             | LB88853             | Operator :        | Jaswal              |
| Lab Sample ID :         | I4256-05DLX2        | Instrumnet Name : | P7                  |
| Client Sample ID :      | MH0CC5              | Dilution Factor : | 2                   |
| Date & Time Acquired :: | 2017-07-19 16:13:55 | DataFile Name :   | 063SMPL_P7071917 -M |

| Parameter  | Mass  | CPS1      | CPS2      | CPS3      | CPSMean   | CPSRSD | Units |
|------------|-------|-----------|-----------|-----------|-----------|--------|-------|
| Aluminium  | 27-2  | 559886    | 557528    | 557185    | 558200    | 0.26   | cps   |
| Antimony   | 121-1 | 8611      | 8903      | 9345      | 8953      | 4.13   | cps   |
| Arsenic    | 75-2  | 147167    | 146604    | 146452    | 146741    | 0.26   | cps   |
| Barium     | 135-1 | 4092      | 4493      | 3976      | 4187      | 6.47   | cps   |
| Barium     | 137-1 | 7394      | 7611      | 7719      | 7575      | 2.19   | cps   |
| Beryllium  | 9-1   | 5979      | 6318      | 5851      | 6050      | 3.99   | cps   |
| Bismuth    | 209-1 | 6640033   | 6618109   | 6640843   | 6632995   | 0.19   | cps   |
| Bismuth    | 209-2 | 3638024   | 3661606   | 3691015   | 3663548   | 0.72   | cps   |
| Boron      | 10-1  | 3234      | 3242      | 3300      | 3259      | 1.11   | cps   |
| Boron      | 11-1  | 16752     | 17444     | 17502     | 17233     | 2.42   | cps   |
| Cadmium    | 111-1 | 860102    | 854538    | 856096    | 856912    | 0.33   | cps   |
| Cadmium    | 106-1 | 88601     | 87789     | 86732     | 87707     | 1.07   | cps   |
| Cadmium    | 108-1 | 58721     | 59612     | 59504     | 59279     | 0.82   | cps   |
| Calcium    | 43-1  | 4666804   | 4632694   | 4616120   | 4638540   | 0.56   | cps   |
| Calcium    | 44-1  | 75085358  | 74916325  | 74350895  | 74784193  | 0.51   | cps   |
| Chromium   | 52-2  | 4691      | 4647      | 4908      | 4749      | 2.93   | cps   |
| Cobalt     | 59-2  | 2313067   | 2316090   | 2322893   | 2317350   | 0.22   | cps   |
| Copper     | 63-2  | 6749375   | 6729613   | 6707077   | 6728688   | 0.31   | cps   |
| Dysprosium | 156-1 | 710894    | 715732    | 717704    | 714777    | 0.49   | cps   |
| Dysprosium | 156-2 | 334677    | 333717    | 339577    | 335990    | 0.94   | cps   |
| Erbium     | 164-1 | 701647    | 707394    | 703940    | 704327    | 0.41   | cps   |
| Erbium     | 164-2 | 319820    | 320207    | 321530    | 320519    | 0.28   | cps   |
| Gadolinium | 160-1 | 758464    | 756510    | 755451    | 756809    | 0.20   | cps   |
| Gadolinium | 160-2 | 383255    | 385918    | 388898    | 386024    | 0.73   | cps   |
| Holmium    | 165-1 | 10784744  | 10835633  | 10879027  | 10833135  | 0.44   | cps   |
| Holmium    | 165-2 | 5048420   | 5081032   | 5109588   | 5079680   | 0.60   | cps   |
| Indium     | 115-1 | 7567550   | 7560445   | 7469816   | 7532604   | 0.72   | cps   |
| Indium     | 115-2 | 1377933   | 1376042   | 1389765   | 1381247   | 0.54   | cps   |
| Iron       | 56-2  | 114489819 | 113839005 | 113214783 | 113847869 | 0.56   | cps   |
| Iron       | 57-2  | 2799915   | 2810396   | 2816357   | 2808889   | 0.30   | cps   |
| Lead       | 206-1 | 13046     | 12590     | 12968     | 12868     | 1.90   | cps   |
| Lead       | 207-1 | 11010     | 10732     | 10972     | 10905     | 1.38   | cps   |
| Lead       | 208-1 | 51652     | 50183     | 51078     | 50971     | 1.45   | cps   |
| Lithium    | 6-1   | 1076951   | 1061310   | 1066504   | 1068255   | 0.75   | cps   |
| Magnesium  | 24-2  | 11922748  | 11910249  | 11938526  | 11923841  | 0.12   | cps   |
| Manganese  | 55-2  | 131261671 | 130216298 | 129856915 | 130444961 | 0.56   | cps   |

|                         |                     |                   |                     |
|-------------------------|---------------------|-------------------|---------------------|
| LB Number :             | LB88853             | Operator :        | Jaswal              |
| Lab Sample ID :         | I4256-05DLX2        | Instrumnet Name : | P7                  |
| Client Sample ID :      | MH0CC5              | Dilution Factor : | 2                   |
| Date & Time Acquired :: | 2017-07-19 16:13:55 | DataFile Name :   | 063SMPL_P7071917 -M |

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|------------|-------|----------|----------|----------|----------|--------|-------|
| Molybdenum | 94-1  | 2550     | 2725     | 2525     | 2600     | 4.19   | cps   |
| Molybdenum | 95-1  | 9537     | 9579     | 9829     | 9648     | 1.64   | cps   |
| Molybdenum | 96-1  | 2925     | 3151     | 3192     | 3089     | 4.65   | cps   |
| Molybdenum | 97-1  | 208      | 308      | 142      | 219      | 38.23  | cps   |
| Molybdenum | 98-1  | 292      | 500      | 450      | 414      | 26.28  | cps   |
| Neodymium  | 150-1 | 924759   | 930436   | 926339   | 927178   | 0.32   | cps   |
| Neodymium  | 150-2 | 338096   | 338411   | 340001   | 338836   | 0.30   | cps   |
| Nickel     | 60-2  | 187947   | 189439   | 187768   | 188385   | 0.49   | cps   |
| Phosphorus | 31-2  | 158      | 150      | 83       | 131      | 31.49  | cps   |
| Potassium  | 39-2  | 1048857  | 1049048  | 1047028  | 1048311  | 0.11   | cps   |
| Rhodium    | 103-1 | 6392715  | 6392196  | 6379462  | 6388124  | 0.12   | cps   |
| Rhodium    | 103-2 | 2851705  | 2867032  | 2875997  | 2864911  | 0.43   | cps   |
| Scandium   | 45-1  | 3823961  | 3808705  | 3797122  | 3809929  | 0.35   | cps   |
| Scandium   | 45-2  | 162877   | 163965   | 164683   | 163842   | 0.56   | cps   |
| Selenium   | 77-2  | 947      | 970      | 857      | 924      | 6.47   | cps   |
| Selenium   | 78-2  | 611      | 685      | 611      | 636      | 6.73   | cps   |
| Selenium   | 82-1  | 816      | 912      | 894      | 874      | 5.83   | cps   |
| Silicon    | 28-1  | 23438423 | 23417751 | 23291160 | 23382445 | 0.34   | cps   |
| Silver     | 109-1 | 2784     | 3159     | 3284     | 3075     | 8.46   | cps   |
| Silver     | 107-1 | 3976     | 4301     | 3934     | 4070     | 4.93   | cps   |
| Sodium     | 23-2  | 6903775  | 6836278  | 6893400  | 6877818  | 0.53   | cps   |
| Strontium  | 86-1  | 2254299  | 2246601  | 2243335  | 2248078  | 0.25   | cps   |
| Strontium  | 88-1  | 20131835 | 19797207 | 20011295 | 19980112 | 0.85   | cps   |
| Sulfur     | 34-1  | 12124476 | 12147350 | 11982741 | 12084856 | 0.74   | cps   |
| Terbium    | 159-1 | 10959360 | 11110818 | 11061916 | 11044031 | 0.70   | cps   |
| Terbium    | 159-2 | 4966343  | 4962702  | 5043203  | 4990749  | 0.91   | cps   |
| Thallium   | 203-1 | 2600     | 2450     | 2459     | 2503     | 3.37   | cps   |
| Thallium   | 205-1 | 5760     | 5535     | 5718     | 5671     | 2.11   | cps   |
| Tin        | 118-1 | 842      | 833      | 875      | 850      | 2.59   | cps   |
| Titanium   | 47-1  | 633      | 608      | 467      | 569      | 15.78  | cps   |
| Uranium    | 238-1 | 1511220  | 1513814  | 1511501  | 1512178  | 0.09   | cps   |
| Vanadium   | 51-2  | 310      | 260      | 243      | 271      | 12.80  | cps   |
| Yttrium    | 89-1  | 18396069 | 18198995 | 18140388 | 18245151 | 0.73   | cps   |
| Yttrium    | 89-2  | 2511560  | 2513497  | 2521122  | 2515393  | 0.20   | cps   |
| Zinc       | 66-2  | 28158027 | 27904790 | 27851014 | 27971277 | 0.59   | cps   |
| Zirconium  | 90-1  | 6727     | 6719     | 6102     | 6516     | 5.50   | cps   |

|                         |                     |                   |                     |
|-------------------------|---------------------|-------------------|---------------------|
| LB Number :             | LB88853             | Operator :        | Jaswal              |
| Lab Sample ID :         | I4256-05DLX2        | Instrumnet Name : | P7                  |
| Client Sample ID :      | MH0CC5              | Dilution Factor : | 2                   |
| Date & Time Acquired :: | 2017-07-19 16:13:55 | DataFile Name :   | 063SMPL_P7071917 -M |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|-----------|------|------|------|------|---------|--------|-------|
| Zirconium | 91-1 | 2034 | 1850 | 1934 | 1939    | 4.73   | cps   |

|                         |                     |                   |                     |
|-------------------------|---------------------|-------------------|---------------------|
| LB Number :             | LB88853             | Operator :        | Jaswal              |
| Lab Sample ID :         | I4256-01DL3X500     | Instrumnet Name : | P7                  |
| Client Sample ID :      | MH0CC2              | Dilution Factor : | 500                 |
| Date & Time Acquired :: | 2017-07-19 16:17:19 | DataFile Name :   | 064SMPL_P7071917 -M |

| Parameter  | Mass  | CPS1    | CPS2     | CPS3    | CPSMean | CPSRSD | Units |
|------------|-------|---------|----------|---------|---------|--------|-------|
| Aluminium  | 27-2  | 1850    | 1834     | 1692    | 1792    | 4.86   | cps   |
| Antimony   | 121-1 | 217     | 133      | 158     | 169     | 25.24  | cps   |
| Arsenic    | 75-2  | 98      | 137      | 152     | 129     | 21.50  | cps   |
| Barium     | 135-1 | 75      | 75       | 92      | 81      | 11.95  | cps   |
| Barium     | 137-1 | 117     | 175      | 158     | 150     | 20.03  | cps   |
| Beryllium  | 9-1   | 117     | 144      | 150     | 137     | 13.03  | cps   |
| Bismuth    | 209-1 | 6344067 | 6905345  | 6479413 | 6576275 | 4.45   | cps   |
| Bismuth    | 209-2 | 3464577 | 3552984  | 3601498 | 3539686 | 1.96   | cps   |
| Boron      | 10-1  | 433     | 383      | 383     | 400     | 7.22   | cps   |
| Boron      | 11-1  | 1642    | 1867     | 1734    | 1747    | 6.48   | cps   |
| Cadmium    | 111-1 | 3482    | 3810     | 3866    | 3719    | 5.58   | cps   |
| Cadmium    | 106-1 | 2467    | 3084     | 3000    | 2850    | 11.74  | cps   |
| Cadmium    | 108-1 | 154     | 171      | 175     | 167     | 6.61   | cps   |
| Calcium    | 43-1  | 9779    | 9695     | 9820    | 9765    | 0.65   | cps   |
| Calcium    | 44-1  | 158793  | 153808   | 153094  | 155232  | 2.00   | cps   |
| Chromium   | 52-2  | 377     | 447      | 393     | 406     | 9.02   | cps   |
| Cobalt     | 59-2  | 4301    | 4241     | 4354    | 4298    | 1.32   | cps   |
| Copper     | 63-2  | 20047   | 20384    | 19907   | 20113   | 1.22   | cps   |
| Dysprosium | 156-1 | 2309    | 2092     | 2067    | 2156    | 6.16   | cps   |
| Dysprosium | 156-2 | 967     | 963      | 1093    | 1008    | 7.35   | cps   |
| Erbium     | 164-1 | 2375    | 2092     | 2075    | 2181    | 7.73   | cps   |
| Erbium     | 164-2 | 1073    | 950      | 900     | 975     | 9.16   | cps   |
| Gadolinium | 160-1 | 2409    | 2275     | 2292    | 2325    | 3.12   | cps   |
| Gadolinium | 160-2 | 1260    | 1207     | 1180    | 1216    | 3.35   | cps   |
| Holmium    | 165-1 | 9505253 | 10058105 | 9654556 | 9739305 | 2.94   | cps   |
| Holmium    | 165-2 | 4409562 | 4465124  | 4532718 | 4469135 | 1.38   | cps   |
| Indium     | 115-1 | 7141035 | 7546216  | 7159258 | 7282169 | 3.14   | cps   |
| Indium     | 115-2 | 1300369 | 1321138  | 1335676 | 1319061 | 1.35   | cps   |
| Iron       | 56-2  | 90527   | 92400    | 91042   | 91323   | 1.06   | cps   |
| Iron       | 57-2  | 2456    | 2456     | 2606    | 2506    | 3.46   | cps   |
| Lead       | 206-1 | 1095    | 1200     | 1078    | 1124    | 5.90   | cps   |
| Lead       | 207-1 | 1122    | 878      | 933     | 978     | 13.11  | cps   |
| Lead       | 208-1 | 4573    | 4484     | 4328    | 4462    | 2.77   | cps   |
| Lithium    | 6-1   | 996237  | 1028987  | 994163  | 1006462 | 1.94   | cps   |
| Magnesium  | 24-2  | 24145   | 24279    | 25715   | 24713   | 3.52   | cps   |
| Manganese  | 55-2  | 272726  | 274847   | 276143  | 274572  | 0.63   | cps   |

|                         |                     |                   |                     |
|-------------------------|---------------------|-------------------|---------------------|
| LB Number :             | LB88853             | Operator :        | Jaswal              |
| Lab Sample ID :         | I4256-01DL3X500     | Instrumnet Name : | P7                  |
| Client Sample ID :      | MH0CC2              | Dilution Factor : | 500                 |
| Date & Time Acquired :: | 2017-07-19 16:17:19 | DataFile Name :   | 064SMPL_P7071917 -M |

| Parameter  | Mass  | CPS1    | CPS2     | CPS3    | CPSMean | CPSRSD  | Units |
|------------|-------|---------|----------|---------|---------|---------|-------|
| Molybdenum | 94-1  | 167     | 150      | 150     | 156     | 6.18    | cps   |
| Molybdenum | 95-1  | 58      | 50       | 33      | 47      | 26.97   | cps   |
| Molybdenum | 96-1  | 58      | 50       | 117     | 75      | 48.43   | cps   |
| Molybdenum | 97-1  | 50      | 75       | 42      | 56      | 31.22   | cps   |
| Molybdenum | 98-1  | 42      | 33       | 50      | 42      | 20.00   | cps   |
| Neodymium  | 150-1 | 2874    | 2707     | 2700    | 2760    | 3.56    | cps   |
| Neodymium  | 150-2 | 957     | 973      | 1030    | 987     | 3.90    | cps   |
| Nickel     | 60-2  | 760     | 853      | 867     | 827     | 7.03    | cps   |
| Phosphorus | 31-2  | 108     | 75       | 117     | 100     | 22.05   | cps   |
| Potassium  | 39-2  | 29096   | 28428    | 28462   | 28662   | 1.31    | cps   |
| Rhodium    | 103-1 | 6252932 | 6588933  | 6314399 | 6385422 | 2.80    | cps   |
| Rhodium    | 103-2 | 2748610 | 2794571  | 2835919 | 2793033 | 1.56    | cps   |
| Scandium   | 45-1  | 3545746 | 3759831  | 3544709 | 3616762 | 3.43    | cps   |
| Scandium   | 45-2  | 152077  | 152397   | 156015  | 153496  | 1.42    | cps   |
| Selenium   | 77-2  | 3       | 7        | 0       | 3       | 100.05  | cps   |
| Selenium   | 78-2  | 44      | 52       | 61      | 52      | 15.92   | cps   |
| Selenium   | 82-1  | -3      | -76      | 28      | -17     | -313.61 | cps   |
| Silicon    | 28-1  | 304637  | 302821   | 304476  | 303978  | 0.33    | cps   |
| Silver     | 109-1 | 533     | 542      | 383     | 486     | 18.33   | cps   |
| Silver     | 107-1 | 533     | 458      | 483     | 492     | 7.77    | cps   |
| Sodium     | 23-2  | 29430   | 29388    | 28804   | 29207   | 1.20    | cps   |
| Strontium  | 86-1  | 5318    | 4893     | 5193    | 5134    | 4.26    | cps   |
| Strontium  | 88-1  | 39288   | 37492    | 38528   | 38436   | 2.35    | cps   |
| Sulfur     | 34-1  | 230252  | 229764   | 227513  | 229176  | 0.64    | cps   |
| Terbium    | 159-1 | 9785640 | 10249727 | 9808850 | 9948072 | 2.63    | cps   |
| Terbium    | 159-2 | 4327272 | 4436246  | 4486060 | 4416526 | 1.84    | cps   |
| Thallium   | 203-1 | 125     | 100      | 100     | 108     | 13.33   | cps   |
| Thallium   | 205-1 | 175     | 158      | 233     | 189     | 20.85   | cps   |
| Tin        | 118-1 | 900     | 850      | 842     | 864     | 3.65    | cps   |
| Titanium   | 47-1  | 33      | 100      | 83      | 72      | 48.04   | cps   |
| Uranium    | 238-1 | 5226    | 5201     | 5318    | 5249    | 1.17    | cps   |
| Vanadium   | 51-2  | 13      | 13       | 17      | 14      | 13.35   | cps   |
| Yttrium    | 89-1  | 6991004 | 7365793  | 7081458 | 7146085 | 2.74    | cps   |
| Yttrium    | 89-2  | 959059  | 968751   | 987680  | 971830  | 1.50    | cps   |
| Zinc       | 66-2  | 61512   | 62379    | 61820   | 61904   | 0.71    | cps   |
| Zirconium  | 90-1  | 375     | 342      | 425     | 381     | 11.02   | cps   |

|                         |                     |                   |                     |
|-------------------------|---------------------|-------------------|---------------------|
| LB Number :             | LB88853             | Operator :        | Jaswal              |
| Lab Sample ID :         | I4256-01DL3X500     | Instrumnet Name : | P7                  |
| Client Sample ID :      | MH0CC2              | Dilution Factor : | 500                 |
| Date & Time Acquired :: | 2017-07-19 16:17:19 | DataFile Name :   | 064SMPL_P7071917 -M |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|-----------|------|------|------|------|---------|--------|-------|
| Zirconium | 91-1 | 33   | 92   | 133  | 86      | 58.34  | cps   |

|                         |                     |                   |                     |
|-------------------------|---------------------|-------------------|---------------------|
| LB Number :             | LB88853             | Operator :        | Jaswal              |
| Lab Sample ID :         | I4256-02DL3X500     | Instrumnet Name : | P7                  |
| Client Sample ID :      | MH0CC3              | Dilution Factor : | 500                 |
| Date & Time Acquired :: | 2017-07-19 16:20:48 | DataFile Name :   | 065SMPL_P7071917 -M |

| Parameter  | Mass  | CPS1    | CPS2     | CPS3    | CPSMean | CPSRSD | Units |
|------------|-------|---------|----------|---------|---------|--------|-------|
| Aluminium  | 27-2  | 4509    | 4784     | 4468    | 4587    | 3.75   | cps   |
| Antimony   | 121-1 | 242     | 225      | 217     | 228     | 5.59   | cps   |
| Arsenic    | 75-2  | 337     | 294      | 363     | 331     | 10.44  | cps   |
| Barium     | 135-1 | 92      | 150      | 33      | 92      | 63.64  | cps   |
| Barium     | 137-1 | 200     | 167      | 133     | 167     | 20.00  | cps   |
| Beryllium  | 9-1   | 128     | 111      | 133     | 124     | 9.32   | cps   |
| Bismuth    | 209-1 | 6537123 | 6720867  | 6726734 | 6661575 | 1.62   | cps   |
| Bismuth    | 209-2 | 3792254 | 3711161  | 3614937 | 3706117 | 2.40   | cps   |
| Boron      | 10-1  | 217     | 250      | 183     | 217     | 15.38  | cps   |
| Boron      | 11-1  | 1267    | 1267     | 1033    | 1189    | 11.33  | cps   |
| Cadmium    | 111-1 | 2594    | 2631     | 2348    | 2524    | 6.09   | cps   |
| Cadmium    | 106-1 | 2675    | 2534     | 2350    | 2520    | 6.47   | cps   |
| Cadmium    | 108-1 | 71      | 79       | 79      | 76      | 6.30   | cps   |
| Calcium    | 43-1  | 4468    | 4601     | 4142    | 4404    | 5.35   | cps   |
| Calcium    | 44-1  | 73751   | 74907    | 73047   | 73901   | 1.27   | cps   |
| Chromium   | 52-2  | 403     | 393      | 433     | 410     | 5.08   | cps   |
| Cobalt     | 59-2  | 977     | 1093     | 970     | 1013    | 6.85   | cps   |
| Copper     | 63-2  | 8563    | 8829     | 8383    | 8592    | 2.62   | cps   |
| Dysprosium | 156-1 | 2175    | 2159     | 2134    | 2156    | 0.97   | cps   |
| Dysprosium | 156-2 | 1150    | 1030     | 1033    | 1071    | 6.38   | cps   |
| Erbium     | 164-1 | 2025    | 2084     | 2084    | 2064    | 1.63   | cps   |
| Erbium     | 164-2 | 983     | 923      | 1043    | 983     | 6.10   | cps   |
| Gadolinium | 160-1 | 2525    | 2300     | 2359    | 2395    | 4.88   | cps   |
| Gadolinium | 160-2 | 1263    | 1363     | 1360    | 1329    | 4.27   | cps   |
| Holmium    | 165-1 | 9748212 | 10077936 | 9973436 | 9933195 | 1.70   | cps   |
| Holmium    | 165-2 | 4772625 | 4660953  | 4596161 | 4676580 | 1.91   | cps   |
| Indium     | 115-1 | 7281607 | 7463148  | 7501155 | 7415303 | 1.58   | cps   |
| Indium     | 115-2 | 1402061 | 1374927  | 1357790 | 1378259 | 1.62   | cps   |
| Iron       | 56-2  | 33416   | 33472    | 33784   | 33557   | 0.59   | cps   |
| Iron       | 57-2  | 928     | 1017     | 1072    | 1006    | 7.25   | cps   |
| Lead       | 206-1 | 2773    | 2750     | 2567    | 2697    | 4.18   | cps   |
| Lead       | 207-1 | 2261    | 2545     | 2400    | 2402    | 5.90   | cps   |
| Lead       | 208-1 | 11069   | 11236    | 11147   | 11150   | 0.75   | cps   |
| Lithium    | 6-1   | 1023864 | 1051302  | 1047669 | 1040945 | 1.43   | cps   |
| Magnesium  | 24-2  | 12764   | 13031    | 12539   | 12778   | 1.93   | cps   |
| Manganese  | 55-2  | 141425  | 141812   | 142656  | 141964  | 0.44   | cps   |

|                         |                     |                   |                     |
|-------------------------|---------------------|-------------------|---------------------|
| LB Number :             | LB88853             | Operator :        | Jaswal              |
| Lab Sample ID :         | I4256-02DL3X500     | Instrumnet Name : | P7                  |
| Client Sample ID :      | MH0CC3              | Dilution Factor : | 500                 |
| Date & Time Acquired :: | 2017-07-19 16:20:48 | DataFile Name :   | 065SMPL_P7071917 -M |

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD  | Units |
|------------|-------|----------|----------|----------|----------|---------|-------|
| Molybdenum | 94-1  | 167      | 183      | 208      | 186      | 11.27   | cps   |
| Molybdenum | 95-1  | 75       | 42       | 33       | 50       | 44.10   | cps   |
| Molybdenum | 96-1  | 117      | 100      | 83       | 100      | 16.66   | cps   |
| Molybdenum | 97-1  | 33       | 42       | 67       | 47       | 36.74   | cps   |
| Molybdenum | 98-1  | 58       | 42       | 67       | 56       | 22.91   | cps   |
| Neodymium  | 150-1 | 3181     | 3080     | 3134     | 3132     | 1.60    | cps   |
| Neodymium  | 150-2 | 1293     | 1090     | 1177     | 1187     | 8.60    | cps   |
| Nickel     | 60-2  | 687      | 603      | 663      | 651      | 6.60    | cps   |
| Phosphorus | 31-2  | 75       | 117      | 125      | 106      | 25.38   | cps   |
| Potassium  | 39-2  | 26433    | 26959    | 26224    | 26539    | 1.43    | cps   |
| Rhodium    | 103-1 | 6437739  | 6574353  | 6582474  | 6531522  | 1.25    | cps   |
| Rhodium    | 103-2 | 2973532  | 2916611  | 2894112  | 2928085  | 1.40    | cps   |
| Scandium   | 45-1  | 3584154  | 3667936  | 3749305  | 3667132  | 2.25    | cps   |
| Scandium   | 45-2  | 166075   | 159553   | 158596   | 161408   | 2.52    | cps   |
| Selenium   | 77-2  | 0        | 7        | 0        | 2        | 173.21  | cps   |
| Selenium   | 78-2  | 54       | 56       | 63       | 57       | 8.53    | cps   |
| Selenium   | 82-1  | -56      | 44       | -26      | -12      | -413.31 | cps   |
| Silicon    | 28-1  | 323652   | 320979   | 323377   | 322669   | 0.46    | cps   |
| Silver     | 109-1 | 233      | 292      | 275      | 267      | 11.27   | cps   |
| Silver     | 107-1 | 392      | 317      | 292      | 333      | 15.61   | cps   |
| Sodium     | 23-2  | 19672    | 19772    | 18863    | 19436    | 2.57    | cps   |
| Strontium  | 86-1  | 2542     | 2292     | 2675     | 2503     | 7.78    | cps   |
| Strontium  | 88-1  | 14725    | 15058    | 14366    | 14716    | 2.35    | cps   |
| Sulfur     | 34-1  | 223678   | 222420   | 223884   | 223327   | 0.36    | cps   |
| Terbium    | 159-1 | 10013907 | 10283556 | 10296633 | 10198032 | 1.56    | cps   |
| Terbium    | 159-2 | 4670271  | 4576533  | 4529948  | 4592251  | 1.56    | cps   |
| Thallium   | 203-1 | 167      | 117      | 167      | 150      | 19.25   | cps   |
| Thallium   | 205-1 | 342      | 317      | 400      | 353      | 12.12   | cps   |
| Tin        | 118-1 | 883      | 900      | 942      | 908      | 3.31    | cps   |
| Titanium   | 47-1  | 100      | 108      | 133      | 114      | 15.23   | cps   |
| Uranium    | 238-1 | 5501     | 5068     | 5460     | 5343     | 4.48    | cps   |
| Vanadium   | 51-2  | 20       | 7        | 7        | 11       | 69.25   | cps   |
| Yttrium    | 89-1  | 7156971  | 7372387  | 7440996  | 7323451  | 2.02    | cps   |
| Yttrium    | 89-2  | 1027831  | 1014303  | 1002592  | 1014909  | 1.24    | cps   |
| Zinc       | 66-2  | 21182    | 21917    | 21426    | 21508    | 1.74    | cps   |
| Zirconium  | 90-1  | 367      | 417      | 375      | 386      | 6.94    | cps   |



|                         |                     |                   |                     |
|-------------------------|---------------------|-------------------|---------------------|
| LB Number :             | LB88853             | Operator :        | Jaswal              |
| Lab Sample ID :         | I4256-02DL3X500     | Instrumnet Name : | P7                  |
| Client Sample ID :      | MH0CC3              | Dilution Factor : | 500                 |
| Date & Time Acquired :: | 2017-07-19 16:20:48 | DataFile Name :   | 065SMPL_P7071917 -M |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|-----------|------|------|------|------|---------|--------|-------|
| Zirconium | 91-1 | 75   | 117  | 117  | 103     | 23.41  | cps   |

|                         |                     |                   |                     |
|-------------------------|---------------------|-------------------|---------------------|
| LB Number :             | LB88853             | Operator :        | Jaswal              |
| Lab Sample ID :         | I4256-03DL3X500     | Instrumnet Name : | P7                  |
| Client Sample ID :      | MH0CC3D             | Dilution Factor : | 500                 |
| Date & Time Acquired :: | 2017-07-19 16:24:16 | DataFile Name :   | 066SMPL_P7071917 -M |

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|------------|-------|----------|----------|----------|----------|--------|-------|
| Aluminium  | 27-2  | 4634     | 4226     | 4759     | 4540     | 6.15   | cps   |
| Antimony   | 121-1 | 275      | 175      | 200      | 217      | 24.02  | cps   |
| Arsenic    | 75-2  | 313      | 300      | 346      | 320      | 7.47   | cps   |
| Barium     | 135-1 | 83       | 100      | 142      | 108      | 27.73  | cps   |
| Barium     | 137-1 | 150      | 150      | 158      | 153      | 3.15   | cps   |
| Beryllium  | 9-1   | 128      | 117      | 128      | 124      | 5.17   | cps   |
| Bismuth    | 209-1 | 6724054  | 6782739  | 6770918  | 6759237  | 0.46   | cps   |
| Bismuth    | 209-2 | 3792335  | 3789995  | 3748331  | 3776887  | 0.66   | cps   |
| Boron      | 10-1  | 217      | 208      | 183      | 203      | 8.56   | cps   |
| Boron      | 11-1  | 1017     | 1050     | 1083     | 1050     | 3.17   | cps   |
| Cadmium    | 111-1 | 2952     | 2905     | 2691     | 2849     | 4.88   | cps   |
| Cadmium    | 106-1 | 2875     | 2875     | 2600     | 2784     | 5.70   | cps   |
| Cadmium    | 108-1 | 88       | 100      | 83       | 90       | 9.60   | cps   |
| Calcium    | 43-1  | 4851     | 4426     | 4726     | 4668     | 4.68   | cps   |
| Calcium    | 44-1  | 76490    | 75535    | 75360    | 75795    | 0.80   | cps   |
| Chromium   | 52-2  | 480      | 387      | 377      | 414      | 13.75  | cps   |
| Cobalt     | 59-2  | 1160     | 913      | 917      | 997      | 14.19  | cps   |
| Copper     | 63-2  | 8803     | 8739     | 9323     | 8955     | 3.58   | cps   |
| Dysprosium | 156-1 | 2375     | 2075     | 2200     | 2217     | 6.80   | cps   |
| Dysprosium | 156-2 | 1090     | 1063     | 1230     | 1128     | 7.94   | cps   |
| Erbium     | 164-1 | 2117     | 2359     | 2317     | 2264     | 5.71   | cps   |
| Erbium     | 164-2 | 940      | 970      | 993      | 968      | 2.76   | cps   |
| Gadolinium | 160-1 | 2400     | 2492     | 2675     | 2523     | 5.55   | cps   |
| Gadolinium | 160-2 | 1310     | 1260     | 1383     | 1318     | 4.71   | cps   |
| Holmium    | 165-1 | 10056052 | 10120061 | 10062724 | 10079613 | 0.35   | cps   |
| Holmium    | 165-2 | 4768940  | 4734698  | 4723761  | 4742466  | 0.50   | cps   |
| Indium     | 115-1 | 7514793  | 7503534  | 7541555  | 7519961  | 0.26   | cps   |
| Indium     | 115-2 | 1405962  | 1399573  | 1389284  | 1398273  | 0.60   | cps   |
| Iron       | 56-2  | 32208    | 33372    | 33806    | 33129    | 2.49   | cps   |
| Iron       | 57-2  | 945      | 1083     | 833      | 954      | 13.13  | cps   |
| Lead       | 206-1 | 3017     | 2889     | 2945     | 2950     | 2.17   | cps   |
| Lead       | 207-1 | 2661     | 2561     | 2750     | 2658     | 3.56   | cps   |
| Lead       | 208-1 | 11825    | 11847    | 11758    | 11810    | 0.39   | cps   |
| Lithium    | 6-1   | 1052058  | 1047122  | 1054619  | 1051266  | 0.36   | cps   |
| Magnesium  | 24-2  | 13682    | 14091    | 14216    | 13996    | 1.99   | cps   |
| Manganese  | 55-2  | 146258   | 146460   | 146769   | 146496   | 0.18   | cps   |

|                         |                     |                   |                     |
|-------------------------|---------------------|-------------------|---------------------|
| LB Number :             | LB88853             | Operator :        | Jaswal              |
| Lab Sample ID :         | I4256-03DL3X500     | Instrumnet Name : | P7                  |
| Client Sample ID :      | MH0CC3D             | Dilution Factor : | 500                 |
| Date & Time Acquired :: | 2017-07-19 16:24:16 | DataFile Name :   | 066SMPL_P7071917 -M |

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|------------|-------|----------|----------|----------|----------|--------|-------|
| Molybdenum | 94-1  | 158      | 200      | 125      | 161      | 23.32  | cps   |
| Molybdenum | 95-1  | 8        | 50       | 33       | 31       | 68.64  | cps   |
| Molybdenum | 96-1  | 75       | 75       | 108      | 86       | 22.35  | cps   |
| Molybdenum | 97-1  | 83       | 50       | 42       | 58       | 37.80  | cps   |
| Molybdenum | 98-1  | 67       | 17       | 75       | 53       | 59.77  | cps   |
| Neodymium  | 150-1 | 3321     | 3100     | 3167     | 3196     | 3.53   | cps   |
| Neodymium  | 150-2 | 1130     | 1240     | 1360     | 1243     | 9.25   | cps   |
| Nickel     | 60-2  | 633      | 547      | 617      | 599      | 7.68   | cps   |
| Phosphorus | 31-2  | 108      | 117      | 175      | 133      | 27.24  | cps   |
| Potassium  | 39-2  | 26750    | 26600    | 26850    | 26733    | 0.47   | cps   |
| Rhodium    | 103-1 | 6586207  | 6576357  | 6603537  | 6588701  | 0.21   | cps   |
| Rhodium    | 103-2 | 2971524  | 2970243  | 2936561  | 2959443  | 0.67   | cps   |
| Scandium   | 45-1  | 3724300  | 3727387  | 3725939  | 3725875  | 0.04   | cps   |
| Scandium   | 45-2  | 161738   | 163537   | 162974   | 162750   | 0.57   | cps   |
| Selenium   | 77-2  | 0        | 10       | 3        | 4        | 114.60 | cps   |
| Selenium   | 78-2  | 43       | 65       | 65       | 57       | 22.36  | cps   |
| Selenium   | 82-1  | 25       | 38       | -28      | 12       | 293.57 | cps   |
| Silicon    | 28-1  | 325965   | 325507   | 329451   | 326974   | 0.66   | cps   |
| Silver     | 109-1 | 283      | 258      | 233      | 258      | 9.68   | cps   |
| Silver     | 107-1 | 283      | 225      | 358      | 289      | 23.14  | cps   |
| Sodium     | 23-2  | 20156    | 18579    | 19881    | 19539    | 4.31   | cps   |
| Strontium  | 86-1  | 2292     | 2642     | 2100     | 2345     | 11.72  | cps   |
| Strontium  | 88-1  | 15667    | 15300    | 15150    | 15373    | 1.73   | cps   |
| Sulfur     | 34-1  | 228256   | 229696   | 226456   | 228136   | 0.71   | cps   |
| Terbium    | 159-1 | 10290591 | 10299302 | 10326294 | 10305395 | 0.18   | cps   |
| Terbium    | 159-2 | 4681523  | 4680153  | 4629602  | 4663759  | 0.63   | cps   |
| Thallium   | 203-1 | 150      | 217      | 133      | 167      | 26.46  | cps   |
| Thallium   | 205-1 | 300      | 442      | 492      | 411      | 24.18  | cps   |
| Tin        | 118-1 | 1092     | 975      | 800      | 956      | 15.36  | cps   |
| Titanium   | 47-1  | 133      | 133      | 75       | 114      | 29.57  | cps   |
| Uranium    | 238-1 | 5426     | 5318     | 5426     | 5390     | 1.16   | cps   |
| Vanadium   | 51-2  | 7        | 17       | 17       | 13       | 43.29  | cps   |
| Yttrium    | 89-1  | 7395593  | 7384466  | 7430019  | 7403359  | 0.32   | cps   |
| Yttrium    | 89-2  | 1028413  | 1033960  | 1024720  | 1029031  | 0.45   | cps   |
| Zinc       | 66-2  | 21666    | 22074    | 22471    | 22070    | 1.82   | cps   |
| Zirconium  | 90-1  | 442      | 383      | 517      | 447      | 14.95  | cps   |

|                         |                     |                   |                     |
|-------------------------|---------------------|-------------------|---------------------|
| LB Number :             | LB88853             | Operator :        | Jaswal              |
| Lab Sample ID :         | I4256-03DL3X500     | Instrumnet Name : | P7                  |
| Client Sample ID :      | MH0CC3D             | Dilution Factor : | 500                 |
| Date & Time Acquired :: | 2017-07-19 16:24:16 | DataFile Name :   | 066SMPL_P7071917 -M |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|-----------|------|------|------|------|---------|--------|-------|
| Zirconium | 91-1 | 100  | 117  | 125  | 114     | 11.18  | cps   |

|                         |                     |                   |                     |
|-------------------------|---------------------|-------------------|---------------------|
| LB Number :             | LB88853             | Operator :        | Jaswal              |
| Lab Sample ID :         | I4256-03LDL3X2500   | Instrumnet Name : | P7                  |
| Client Sample ID :      | MH0CC3L             | Dilution Factor : | 2500                |
| Date & Time Acquired :: | 2017-07-19 16:27:45 | DataFile Name :   | 067SMPL_P7071917 -M |

| Parameter  | Mass  | CPS1    | CPS2    | CPS3    | CPSMean | CPSRSD | Units |
|------------|-------|---------|---------|---------|---------|--------|-------|
| Aluminium  | 27-2  | 1000    | 867     | 742     | 870     | 14.86  | cps   |
| Antimony   | 121-1 | 125     | 158     | 175     | 153     | 16.66  | cps   |
| Arsenic    | 75-2  | 83      | 93      | 67      | 81      | 16.24  | cps   |
| Barium     | 135-1 | 25      | 17      | 125     | 56      | 108.51 | cps   |
| Barium     | 137-1 | 33      | 75      | 75      | 61      | 39.37  | cps   |
| Beryllium  | 9-1   | 72      | 139     | 106     | 106     | 31.58  | cps   |
| Bismuth    | 209-1 | 6726263 | 6625136 | 6770810 | 6707403 | 1.11   | cps   |
| Bismuth    | 209-2 | 3731512 | 3744140 | 3791014 | 3755555 | 0.83   | cps   |
| Boron      | 10-1  | 142     | 208     | 200     | 183     | 19.81  | cps   |
| Boron      | 11-1  | 992     | 1058    | 783     | 945     | 15.19  | cps   |
| Cadmium    | 111-1 | 2120    | 1844    | 1858    | 1941    | 8.00   | cps   |
| Cadmium    | 106-1 | 2725    | 2392    | 2467    | 2528    | 6.92   | cps   |
| Cadmium    | 108-1 | 13      | 25      | 21      | 19      | 32.73  | cps   |
| Calcium    | 43-1  | 1308    | 1350    | 1175    | 1278    | 7.15   | cps   |
| Calcium    | 44-1  | 22535   | 22167   | 22827   | 22510   | 1.47   | cps   |
| Chromium   | 52-2  | 433     | 327     | 360     | 373     | 14.62  | cps   |
| Cobalt     | 59-2  | 233     | 297     | 293     | 274     | 12.99  | cps   |
| Copper     | 63-2  | 2550    | 2347    | 2574    | 2490    | 5.01   | cps   |
| Dysprosium | 156-1 | 567     | 575     | 358     | 500     | 24.55  | cps   |
| Dysprosium | 156-2 | 210     | 193     | 183     | 196     | 6.89   | cps   |
| Erbium     | 164-1 | 533     | 442     | 442     | 472     | 11.21  | cps   |
| Erbium     | 164-2 | 210     | 227     | 203     | 213     | 5.63   | cps   |
| Gadolinium | 160-1 | 492     | 542     | 458     | 497     | 8.44   | cps   |
| Gadolinium | 160-2 | 327     | 293     | 367     | 329     | 11.16  | cps   |
| Holmium    | 165-1 | 9902907 | 9888648 | 9938319 | 9909958 | 0.26   | cps   |
| Holmium    | 165-2 | 4673310 | 4730435 | 4757194 | 4720313 | 0.91   | cps   |
| Indium     | 115-1 | 7418741 | 7391981 | 7444405 | 7418376 | 0.35   | cps   |
| Indium     | 115-2 | 1366404 | 1387894 | 1389736 | 1381345 | 0.94   | cps   |
| Iron       | 56-2  | 12039   | 11427   | 11199   | 11555   | 3.76   | cps   |
| Iron       | 57-2  | 489     | 367     | 406     | 420     | 14.85  | cps   |
| Lead       | 206-1 | 1572    | 1556    | 1567    | 1565    | 0.54   | cps   |
| Lead       | 207-1 | 1389    | 1395    | 1395    | 1393    | 0.23   | cps   |
| Lead       | 208-1 | 6273    | 6195    | 6167    | 6212    | 0.88   | cps   |
| Lithium    | 6-1   | 1041172 | 1042227 | 1044254 | 1042551 | 0.15   | cps   |
| Magnesium  | 24-2  | 3584    | 3409    | 3642    | 3545    | 3.43   | cps   |
| Manganese  | 55-2  | 30779   | 30385   | 30919   | 30694   | 0.90   | cps   |

|                         |                     |                   |                     |
|-------------------------|---------------------|-------------------|---------------------|
| LB Number :             | LB88853             | Operator :        | Jaswal              |
| Lab Sample ID :         | I4256-03LDL3X2500   | Instrumnet Name : | P7                  |
| Client Sample ID :      | MH0CC3L             | Dilution Factor : | 2500                |
| Date & Time Acquired :: | 2017-07-19 16:27:45 | DataFile Name :   | 067SMPL_P7071917 -M |

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD  | Units |
|------------|-------|----------|----------|----------|----------|---------|-------|
| Molybdenum | 94-1  | 175      | 192      | 117      | 161      | 24.45   | cps   |
| Molybdenum | 95-1  | 25       | 58       | 67       | 50       | 44.10   | cps   |
| Molybdenum | 96-1  | 83       | 92       | 75       | 83       | 10.00   | cps   |
| Molybdenum | 97-1  | 33       | 25       | 0        | 19       | 89.21   | cps   |
| Molybdenum | 98-1  | 58       | 33       | 50       | 47       | 26.97   | cps   |
| Neodymium  | 150-1 | 587      | 567      | 713      | 622      | 12.78   | cps   |
| Neodymium  | 150-2 | 283      | 260      | 230      | 258      | 10.37   | cps   |
| Nickel     | 60-2  | 460      | 463      | 577      | 500      | 13.28   | cps   |
| Phosphorus | 31-2  | 125      | 58       | 133      | 106      | 38.94   | cps   |
| Potassium  | 39-2  | 25898    | 24963    | 25064    | 25308    | 2.03    | cps   |
| Rhodium    | 103-1 | 6505914  | 6462233  | 6468622  | 6478923  | 0.36    | cps   |
| Rhodium    | 103-2 | 2941714  | 2939786  | 2949302  | 2943601  | 0.17    | cps   |
| Scandium   | 45-1  | 3728400  | 3623462  | 3720872  | 3690911  | 1.59    | cps   |
| Scandium   | 45-2  | 158658   | 160094   | 161964   | 160239   | 1.03    | cps   |
| Selenium   | 77-2  | 0        | 0        | 0        | 0        | 0.00    | cps   |
| Selenium   | 78-2  | 46       | 35       | 59       | 47       | 25.68   | cps   |
| Selenium   | 82-1  | -33      | 10       | -66      | -30      | -127.78 | cps   |
| Silicon    | 28-1  | 254509   | 254562   | 256605   | 255225   | 0.47    | cps   |
| Silver     | 109-1 | 175      | 175      | 233      | 194      | 17.32   | cps   |
| Silver     | 107-1 | 275      | 183      | 225      | 228      | 20.15   | cps   |
| Sodium     | 23-2  | 13106    | 13265    | 13406    | 13259    | 1.13    | cps   |
| Strontium  | 86-1  | 1100     | 1117     | 1058     | 1092     | 2.75    | cps   |
| Strontium  | 88-1  | 3409     | 3267     | 2975     | 3217     | 6.87    | cps   |
| Sulfur     | 34-1  | 216729   | 216994   | 212376   | 215366   | 1.20    | cps   |
| Terbium    | 159-1 | 10232868 | 10085644 | 10187858 | 10168790 | 0.74    | cps   |
| Terbium    | 159-2 | 4620748  | 4643729  | 4687317  | 4650598  | 0.73    | cps   |
| Thallium   | 203-1 | 142      | 192      | 217      | 183      | 20.83   | cps   |
| Thallium   | 205-1 | 333      | 442      | 483      | 419      | 18.46   | cps   |
| Tin        | 118-1 | 967      | 1050     | 875      | 964      | 9.08    | cps   |
| Titanium   | 47-1  | 83       | 100      | 117      | 100      | 16.66   | cps   |
| Uranium    | 238-1 | 1000     | 1042     | 925      | 989      | 5.98    | cps   |
| Vanadium   | 51-2  | 3        | 3        | 0        | 2        | 86.60   | cps   |
| Yttrium    | 89-1  | 7289996  | 7253789  | 7263086  | 7268957  | 0.26    | cps   |
| Yttrium    | 89-2  | 1011763  | 1016409  | 1018185  | 1015452  | 0.33    | cps   |
| Zinc       | 66-2  | 4788     | 4637     | 4794     | 4740     | 1.87    | cps   |
| Zirconium  | 90-1  | 475      | 375      | 442      | 431      | 11.83   | cps   |

|                         |                     |                   |                     |
|-------------------------|---------------------|-------------------|---------------------|
| LB Number :             | LB88853             | Operator :        | Jaswal              |
| Lab Sample ID :         | I4256-03LDL3X2500   | Instrumnet Name : | P7                  |
| Client Sample ID :      | MH0CC3L             | Dilution Factor : | 2500                |
| Date & Time Acquired :: | 2017-07-19 16:27:45 | DataFile Name :   | 067SMPL_P7071917 -M |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|-----------|------|------|------|------|---------|--------|-------|
| Zirconium | 91-1 | 75   | 125  | 100  | 100     | 25.00  | cps   |

|                         |                     |                   |                     |
|-------------------------|---------------------|-------------------|---------------------|
| LB Number :             | LB88853             | Operator :        | Jaswal              |
| Lab Sample ID :         | I4256-04DL3X500     | Instrumnet Name : | P7                  |
| Client Sample ID :      | MH0CC3S             | Dilution Factor : | 500                 |
| Date & Time Acquired :: | 2017-07-19 16:31:13 | DataFile Name :   | 068SMPL_P7071917 -M |

| Parameter  | Mass  | CPS1    | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|------------|-------|---------|----------|----------|----------|--------|-------|
| Aluminium  | 27-2  | 4676    | 4776     | 4859     | 4770     | 1.92   | cps   |
| Antimony   | 121-1 | 1759    | 1658     | 1817     | 1745     | 4.59   | cps   |
| Arsenic    | 75-2  | 367     | 380      | 311      | 352      | 10.33  | cps   |
| Barium     | 135-1 | 8486    | 8561     | 8578     | 8542     | 0.57   | cps   |
| Barium     | 137-1 | 15259   | 14775    | 15376    | 15137    | 2.10   | cps   |
| Beryllium  | 9-1   | 189     | 178      | 150      | 172      | 11.63  | cps   |
| Bismuth    | 209-1 | 6613147 | 6943653  | 6852133  | 6802978  | 2.51   | cps   |
| Bismuth    | 209-2 | 3774670 | 3802134  | 3700256  | 3759020  | 1.40   | cps   |
| Boron      | 10-1  | 175     | 192      | 158      | 175      | 9.53   | cps   |
| Boron      | 11-1  | 867     | 667      | 750      | 761      | 13.20  | cps   |
| Cadmium    | 111-1 | 2627    | 2753     | 2932     | 2771     | 5.55   | cps   |
| Cadmium    | 106-1 | 2409    | 2600     | 2700     | 2570     | 5.77   | cps   |
| Cadmium    | 108-1 | 79      | 67       | 71       | 72       | 8.81   | cps   |
| Calcium    | 43-1  | 4768    | 4384     | 4334     | 4495     | 5.28   | cps   |
| Calcium    | 44-1  | 75502   | 74764    | 73751    | 74672    | 1.18   | cps   |
| Chromium   | 52-2  | 1160    | 1230     | 1253     | 1215     | 4.00   | cps   |
| Cobalt     | 59-2  | 4321    | 4434     | 4347     | 4367     | 1.36   | cps   |
| Copper     | 63-2  | 9990    | 9787     | 10164    | 9980     | 1.89   | cps   |
| Dysprosium | 156-1 | 2834    | 2000     | 2517     | 2450     | 17.17  | cps   |
| Dysprosium | 156-2 | 1067    | 1100     | 1137     | 1101     | 3.18   | cps   |
| Erbium     | 164-1 | 2184    | 2292     | 2125     | 2200     | 3.84   | cps   |
| Erbium     | 164-2 | 1060    | 1103     | 1073     | 1079     | 2.06   | cps   |
| Gadolinium | 160-1 | 2325    | 2467     | 2625     | 2473     | 6.07   | cps   |
| Gadolinium | 160-2 | 1373    | 1353     | 1413     | 1380     | 2.21   | cps   |
| Holmium    | 165-1 | 9838583 | 10131481 | 10220393 | 10063486 | 1.99   | cps   |
| Holmium    | 165-2 | 4717727 | 4762130  | 4653550  | 4711136  | 1.16   | cps   |
| Indium     | 115-1 | 7349082 | 7530452  | 7483000  | 7454178  | 1.26   | cps   |
| Indium     | 115-2 | 1383421 | 1400392  | 1357758  | 1380524  | 1.55   | cps   |
| Iron       | 56-2  | 35855   | 35750    | 35432    | 35679    | 0.62   | cps   |
| Iron       | 57-2  | 1011    | 956      | 1045     | 1004     | 4.47   | cps   |
| Lead       | 206-1 | 3078    | 3223     | 3128     | 3143     | 2.33   | cps   |
| Lead       | 207-1 | 3062    | 2734     | 2995     | 2930     | 5.91   | cps   |
| Lead       | 208-1 | 13120   | 12603    | 12614    | 12779    | 2.31   | cps   |
| Lithium    | 6-1   | 1029999 | 1059832  | 1050755  | 1046862  | 1.46   | cps   |
| Magnesium  | 24-2  | 14015   | 13465    | 12956    | 13479    | 3.93   | cps   |
| Manganese  | 55-2  | 145400  | 146918   | 145820   | 146046   | 0.54   | cps   |



|                         |                     |                   |                     |
|-------------------------|---------------------|-------------------|---------------------|
| LB Number :             | LB88853             | Operator :        | Jaswal              |
| Lab Sample ID :         | I4256-04DL3X500     | Instrumnet Name : | P7                  |
| Client Sample ID :      | MH0CC3S             | Dilution Factor : | 500                 |
| Date & Time Acquired :: | 2017-07-19 16:31:13 | DataFile Name :   | 068SMPL_P7071917 -M |

| Parameter  | Mass  | CPS1    | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|------------|-------|---------|----------|----------|----------|--------|-------|
| Molybdenum | 94-1  | 183     | 175      | 167      | 175      | 4.76   | cps   |
| Molybdenum | 95-1  | 25      | 33       | 33       | 31       | 15.74  | cps   |
| Molybdenum | 96-1  | 50      | 42       | 75       | 56       | 31.22  | cps   |
| Molybdenum | 97-1  | 25      | 42       | 17       | 28       | 45.82  | cps   |
| Molybdenum | 98-1  | 50      | 25       | 67       | 47       | 44.41  | cps   |
| Neodymium  | 150-1 | 3067    | 3441     | 3461     | 3323     | 6.67   | cps   |
| Neodymium  | 150-2 | 1300    | 1263     | 1210     | 1258     | 3.60   | cps   |
| Nickel     | 60-2  | 1577    | 1383     | 1390     | 1450     | 7.57   | cps   |
| Phosphorus | 31-2  | 92      | 58       | 42       | 64       | 39.85  | cps   |
| Potassium  | 39-2  | 25689   | 26742    | 26324    | 26252    | 2.02   | cps   |
| Rhodium    | 103-1 | 6366031 | 6635070  | 6608962  | 6536688  | 2.27   | cps   |
| Rhodium    | 103-2 | 2943003 | 2950795  | 2900977  | 2931592  | 0.91   | cps   |
| Scandium   | 45-1  | 3586204 | 3747682  | 3742546  | 3692144  | 2.49   | cps   |
| Scandium   | 45-2  | 163682  | 161449   | 156385   | 160505   | 2.33   | cps   |
| Selenium   | 77-2  | 7       | 3        | 10       | 7        | 50.03  | cps   |
| Selenium   | 78-2  | 61      | 61       | 59       | 60       | 1.77   | cps   |
| Selenium   | 82-1  | 28      | 22       | -15      | 12       | 194.84 | cps   |
| Silicon    | 28-1  | 320540  | 316695   | 319353   | 318863   | 0.62   | cps   |
| Silver     | 109-1 | 958     | 1117     | 1050     | 1042     | 7.63   | cps   |
| Silver     | 107-1 | 1050    | 992      | 875      | 972      | 9.17   | cps   |
| Sodium     | 23-2  | 20314   | 19196    | 19338    | 19616    | 3.10   | cps   |
| Strontium  | 86-1  | 2317    | 2317     | 2609     | 2414     | 6.98   | cps   |
| Strontium  | 88-1  | 14808   | 14850    | 15067    | 14908    | 0.93   | cps   |
| Sulfur     | 34-1  | 227311  | 226522   | 226327   | 226720   | 0.23   | cps   |
| Terbium    | 159-1 | 9935137 | 10496063 | 10312390 | 10247863 | 2.79   | cps   |
| Terbium    | 159-2 | 4655959 | 4681141  | 4590735  | 4642612  | 1.00   | cps   |
| Thallium   | 203-1 | 1117    | 1150     | 1000     | 1089     | 7.23   | cps   |
| Thallium   | 205-1 | 2534    | 2467     | 2442     | 2481     | 1.91   | cps   |
| Tin        | 118-1 | 2685    | 1025     | 717      | 1476     | 71.74  | cps   |
| Titanium   | 47-1  | 108     | 33       | 58       | 67       | 57.29  | cps   |
| Uranium    | 238-1 | 4918    | 5485     | 5368     | 5257     | 5.69   | cps   |
| Vanadium   | 51-2  | 1663    | 1723     | 1710     | 1699     | 1.85   | cps   |
| Yttrium    | 89-1  | 7220476 | 7389234  | 7288295  | 7299335  | 1.16   | cps   |
| Yttrium    | 89-2  | 1021687 | 1028149  | 997493   | 1015776  | 1.59   | cps   |
| Zinc       | 66-2  | 21913   | 21973    | 21900    | 21929    | 0.18   | cps   |
| Zirconium  | 90-1  | 300     | 492      | 583      | 458      | 31.54  | cps   |

|                         |                     |                   |                     |
|-------------------------|---------------------|-------------------|---------------------|
| LB Number :             | LB88853             | Operator :        | Jaswal              |
| Lab Sample ID :         | I4256-04DL3X500     | Instrumnet Name : | P7                  |
| Client Sample ID :      | MH0CC3S             | Dilution Factor : | 500                 |
| Date & Time Acquired :: | 2017-07-19 16:31:13 | DataFile Name :   | 068SMPL_P7071917 -M |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|-----------|------|------|------|------|---------|--------|-------|
| Zirconium | 91-1 | 117  | 117  | 75   | 103     | 23.41  | cps   |

|                         |                     |                   |                     |
|-------------------------|---------------------|-------------------|---------------------|
| LB Number :             | LB88853             | Operator :        | Jaswal              |
| Lab Sample ID :         | I4256-05DL3X500     | Instrumnet Name : | P7                  |
| Client Sample ID :      | MH0CC5              | Dilution Factor : | 500                 |
| Date & Time Acquired :: | 2017-07-19 16:34:42 | DataFile Name :   | 069SMPL_P7071917 -M |

| Parameter  | Mass  | CPS1     | CPS2     | CPS3    | CPSMean  | CPSRSD | Units |
|------------|-------|----------|----------|---------|----------|--------|-------|
| Aluminium  | 27-2  | 2125     | 2309     | 2159    | 2197     | 4.44   | cps   |
| Antimony   | 121-1 | 192      | 125      | 267     | 194      | 36.45  | cps   |
| Arsenic    | 75-2  | 522      | 548      | 563     | 544      | 3.79   | cps   |
| Barium     | 135-1 | 8        | 58       | 33      | 33       | 75.02  | cps   |
| Barium     | 137-1 | 83       | 83       | 75      | 81       | 5.98   | cps   |
| Beryllium  | 9-1   | 117      | 106      | 72      | 98       | 23.57  | cps   |
| Bismuth    | 209-1 | 6838483  | 7103365  | 6786778 | 6909542  | 2.46   | cps   |
| Bismuth    | 209-2 | 3726508  | 3575226  | 3815721 | 3705818  | 3.28   | cps   |
| Boron      | 10-1  | 208      | 158      | 158     | 175      | 16.50  | cps   |
| Boron      | 11-1  | 775      | 783      | 867     | 808      | 6.27   | cps   |
| Cadmium    | 111-1 | 4537     | 4884     | 4799    | 4740     | 3.81   | cps   |
| Cadmium    | 106-1 | 2509     | 2817     | 2642    | 2656     | 5.82   | cps   |
| Cadmium    | 108-1 | 242      | 275      | 233     | 250      | 8.82   | cps   |
| Calcium    | 43-1  | 17127    | 16334    | 16502   | 16654    | 2.51   | cps   |
| Calcium    | 44-1  | 276022   | 270505   | 271777  | 272768   | 1.06   | cps   |
| Chromium   | 52-2  | 333      | 447      | 400     | 393      | 14.48  | cps   |
| Cobalt     | 59-2  | 9020     | 9100     | 8789    | 8970     | 1.80   | cps   |
| Copper     | 63-2  | 25876    | 25973    | 26137   | 25995    | 0.51   | cps   |
| Dysprosium | 156-1 | 2500     | 2642     | 2792    | 2645     | 5.52   | cps   |
| Dysprosium | 156-2 | 1213     | 1287     | 1203    | 1235     | 3.69   | cps   |
| Erbium     | 164-1 | 2550     | 2467     | 2659    | 2559     | 3.76   | cps   |
| Erbium     | 164-2 | 1250     | 1130     | 1057    | 1146     | 8.52   | cps   |
| Gadolinium | 160-1 | 2742     | 2617     | 2984    | 2781     | 6.70   | cps   |
| Gadolinium | 160-2 | 1643     | 1550     | 1430    | 1541     | 6.94   | cps   |
| Holmium    | 165-1 | 10110707 | 10409135 | 9920195 | 10146679 | 2.43   | cps   |
| Holmium    | 165-2 | 4641435  | 4536861  | 4772509 | 4650268  | 2.54   | cps   |
| Indium     | 115-1 | 7464878  | 7643412  | 7369547 | 7492613  | 1.86   | cps   |
| Indium     | 115-2 | 1367701  | 1322121  | 1406091 | 1365304  | 3.08   | cps   |
| Iron       | 56-2  | 430787   | 429262   | 432960  | 431003   | 0.43   | cps   |
| Iron       | 57-2  | 10565    | 11077    | 10838   | 10827    | 2.36   | cps   |
| Lead       | 206-1 | 1045     | 983      | 1011    | 1013     | 3.02   | cps   |
| Lead       | 207-1 | 945      | 1011     | 850     | 935      | 8.66   | cps   |
| Lead       | 208-1 | 4273     | 4284     | 4312    | 4289     | 0.47   | cps   |
| Lithium    | 6-1   | 1067312  | 1076379  | 1051450 | 1065047  | 1.18   | cps   |
| Magnesium  | 24-2  | 46557    | 46230    | 45972   | 46253    | 0.63   | cps   |
| Manganese  | 55-2  | 485244   | 484307   | 485987  | 485179   | 0.17   | cps   |

|                         |                     |                   |                     |
|-------------------------|---------------------|-------------------|---------------------|
| LB Number :             | LB88853             | Operator :        | Jaswal              |
| Lab Sample ID :         | I4256-05DL3X500     | Instrumnet Name : | P7                  |
| Client Sample ID :      | MH0CC5              | Dilution Factor : | 500                 |
| Date & Time Acquired :: | 2017-07-19 16:34:42 | DataFile Name :   | 069SMPL_P7071917 -M |

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|------------|-------|----------|----------|----------|----------|--------|-------|
| Molybdenum | 94-1  | 133      | 167      | 142      | 147      | 11.78  | cps   |
| Molybdenum | 95-1  | 92       | 100      | 58       | 83       | 26.45  | cps   |
| Molybdenum | 96-1  | 75       | 108      | 58       | 81       | 31.60  | cps   |
| Molybdenum | 97-1  | 25       | 42       | 33       | 33       | 25.01  | cps   |
| Molybdenum | 98-1  | 33       | 33       | 58       | 42       | 34.65  | cps   |
| Neodymium  | 150-1 | 3527     | 3140     | 3574     | 3414     | 6.97   | cps   |
| Neodymium  | 150-2 | 1290     | 1343     | 1237     | 1290     | 4.13   | cps   |
| Nickel     | 60-2  | 1220     | 1213     | 1143     | 1192     | 3.56   | cps   |
| Phosphorus | 31-2  | 100      | 83       | 83       | 89       | 10.82  | cps   |
| Potassium  | 39-2  | 28311    | 28261    | 28912    | 28495    | 1.27   | cps   |
| Rhodium    | 103-1 | 6503341  | 6727385  | 6515116  | 6581947  | 1.92   | cps   |
| Rhodium    | 103-2 | 2892868  | 2809019  | 2953641  | 2885176  | 2.52   | cps   |
| Scandium   | 45-1  | 3718323  | 3806875  | 3659175  | 3728124  | 1.99   | cps   |
| Scandium   | 45-2  | 159353   | 148645   | 161688   | 156562   | 4.44   | cps   |
| Selenium   | 77-2  | 7        | 10       | 7        | 8        | 24.71  | cps   |
| Selenium   | 78-2  | 56       | 52       | 74       | 60       | 19.69  | cps   |
| Selenium   | 82-1  | -23      | 49       | 22       | 16       | 230.28 | cps   |
| Silicon    | 28-1  | 336320   | 334692   | 332806   | 334606   | 0.53   | cps   |
| Silver     | 109-1 | 133      | 133      | 150      | 139      | 6.93   | cps   |
| Silver     | 107-1 | 192      | 200      | 133      | 175      | 20.76  | cps   |
| Sodium     | 23-2  | 36746    | 36470    | 35660    | 36292    | 1.56   | cps   |
| Strontium  | 86-1  | 8595     | 8411     | 8778     | 8595     | 2.13   | cps   |
| Strontium  | 88-1  | 69637    | 69989    | 71261    | 70296    | 1.22   | cps   |
| Sulfur     | 34-1  | 261794   | 258598   | 260586   | 260326   | 0.62   | cps   |
| Terbium    | 159-1 | 10367709 | 10618745 | 10350342 | 10445599 | 1.44   | cps   |
| Terbium    | 159-2 | 4602961  | 4469877  | 4699370  | 4590736  | 2.51   | cps   |
| Thallium   | 203-1 | 217      | 267      | 233      | 239      | 10.66  | cps   |
| Thallium   | 205-1 | 517      | 583      | 733      | 611      | 18.16  | cps   |
| Tin        | 118-1 | 850      | 875      | 1017     | 914      | 9.84   | cps   |
| Titanium   | 47-1  | 42       | 42       | 100      | 61       | 55.11  | cps   |
| Uranium    | 238-1 | 5276     | 5160     | 5593     | 5343     | 4.20   | cps   |
| Vanadium   | 51-2  | 7        | 10       | 7        | 8        | 24.71  | cps   |
| Yttrium    | 89-1  | 7322404  | 7543177  | 7267173  | 7377585  | 1.98   | cps   |
| Yttrium    | 89-2  | 1003576  | 976209   | 1024780  | 1001522  | 2.43   | cps   |
| Zinc       | 66-2  | 106968   | 108079   | 105599   | 106882   | 1.16   | cps   |
| Zirconium  | 90-1  | 475      | 583      | 650      | 569      | 15.51  | cps   |

|                         |                     |                   |                     |
|-------------------------|---------------------|-------------------|---------------------|
| LB Number :             | LB88853             | Operator :        | Jaswal              |
| Lab Sample ID :         | I4256-05DL3X500     | Instrumnet Name : | P7                  |
| Client Sample ID :      | MH0CC5              | Dilution Factor : | 500                 |
| Date & Time Acquired :: | 2017-07-19 16:34:42 | DataFile Name :   | 069SMPL_P7071917 -M |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|-----------|------|------|------|------|---------|--------|-------|
| Zirconium | 91-1 | 100  | 125  | 117  | 114     | 11.18  | cps   |

LB Number : LB88853 Operator : Jaswal  
 Lab Sample ID : I4278-03RE Instrumnet Name : P7  
 Client Sample ID : DC3126-03-BS-CLB46-V Dilution Factor : 1  
 Date & Time Acquired :: 2017-07-19 16:38:11 DataFile Name : 070SMPL\_P7071917 -M

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|------------|-------|----------|----------|----------|----------|--------|-------|
| Aluminium  | 27-2  | 1175     | 1242     | 1158     | 1192     | 3.70   | cps   |
| Antimony   | 121-1 | 1083     | 1000     | 1267     | 1117     | 12.22  | cps   |
| Arsenic    | 75-2  | 85       | 106      | 81       | 91       | 14.29  | cps   |
| Barium     | 135-1 | 104970   | 103188   | 104071   | 104076   | 0.86   | cps   |
| Barium     | 137-1 | 180357   | 181168   | 179477   | 180334   | 0.47   | cps   |
| Beryllium  | 9-1   | 78       | 94       | 89       | 87       | 9.75   | cps   |
| Bismuth    | 209-1 | 6996888  | 7075853  | 6975819  | 7016187  | 0.75   | cps   |
| Bismuth    | 209-2 | 3902558  | 3794696  | 3792416  | 3829890  | 1.64   | cps   |
| Boron      | 10-1  | 5401     | 4926     | 4884     | 5071     | 5.66   | cps   |
| Boron      | 11-1  | 25973    | 25756    | 26975    | 26235    | 2.48   | cps   |
| Cadmium    | 111-1 | 1847     | 1785     | 1665     | 1766     | 5.23   | cps   |
| Cadmium    | 106-1 | 2609     | 2517     | 2350     | 2492     | 5.26   | cps   |
| Cadmium    | 108-1 | 0        | 8        | 25       | 11       | 114.58 | cps   |
| Calcium    | 43-1  | 571023   | 567237   | 560105   | 566122   | 0.98   | cps   |
| Calcium    | 44-1  | 9343249  | 9228789  | 9275698  | 9282579  | 0.62   | cps   |
| Chromium   | 52-2  | 757      | 700      | 797      | 751      | 6.47   | cps   |
| Cobalt     | 59-2  | 417      | 323      | 323      | 354      | 15.20  | cps   |
| Copper     | 63-2  | 213675   | 212854   | 209263   | 211931   | 1.11   | cps   |
| Dysprosium | 156-1 | 58       | 25       | 75       | 53       | 48.24  | cps   |
| Dysprosium | 156-2 | 30       | 27       | 27       | 28       | 6.92   | cps   |
| Erbium     | 164-1 | 83       | 67       | 100      | 83       | 20.00  | cps   |
| Erbium     | 164-2 | 37       | 33       | 33       | 34       | 5.60   | cps   |
| Gadolinium | 160-1 | 183      | 150      | 58       | 131      | 49.58  | cps   |
| Gadolinium | 160-2 | 117      | 93       | 123      | 111      | 14.18  | cps   |
| Holmium    | 165-1 | 10614959 | 10664581 | 10501069 | 10593536 | 0.79   | cps   |
| Holmium    | 165-2 | 5020009  | 4815367  | 4889310  | 4908229  | 2.11   | cps   |
| Indium     | 115-1 | 7761366  | 7819142  | 7740470  | 7773659  | 0.52   | cps   |
| Indium     | 115-2 | 1440351  | 1384617  | 1406006  | 1410325  | 1.99   | cps   |
| Iron       | 56-2  | 100828   | 101169   | 100457   | 100818   | 0.35   | cps   |
| Iron       | 57-2  | 3612     | 3940     | 3923     | 3825     | 4.83   | cps   |
| Lead       | 206-1 | 8903     | 8920     | 8625     | 8816     | 1.88   | cps   |
| Lead       | 207-1 | 7580     | 7652     | 7358     | 7530     | 2.04   | cps   |
| Lead       | 208-1 | 34774    | 34830    | 34519    | 34708    | 0.48   | cps   |
| Lithium    | 6-1   | 1126753  | 1120559  | 1103630  | 1116981  | 1.07   | cps   |
| Magnesium  | 24-2  | 1285987  | 1283393  | 1282112  | 1283831  | 0.15   | cps   |
| Manganese  | 55-2  | 16449    | 16730    | 16506    | 16562    | 0.89   | cps   |

|                         |                      |                   |                     |
|-------------------------|----------------------|-------------------|---------------------|
| LB Number :             | LB88853              | Operator :        | Jaswal              |
| Lab Sample ID :         | I4278-03RE           | Instrumnet Name : | P7                  |
| Client Sample ID :      | DC3126-03-BS-CLB46-V | Dilution Factor : | 1                   |
| Date & Time Acquired :: | 2017-07-19 16:38:11  | DataFile Name :   | 070SMPL_P7071917 -M |

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|------------|-------|----------|----------|----------|----------|--------|-------|
| Molybdenum | 94-1  | 3792     | 3534     | 3684     | 3670     | 3.54   | cps   |
| Molybdenum | 95-1  | 6043     | 6052     | 6310     | 6135     | 2.47   | cps   |
| Molybdenum | 96-1  | 6602     | 6652     | 6202     | 6485     | 3.81   | cps   |
| Molybdenum | 97-1  | 3951     | 3684     | 3942     | 3859     | 3.93   | cps   |
| Molybdenum | 98-1  | 9987     | 9795     | 10337    | 10040    | 2.74   | cps   |
| Neodymium  | 150-1 | 27       | 27       | 27       | 27       | 0.00   | cps   |
| Neodymium  | 150-2 | 3        | 0        | 7        | 3        | 100.05 | cps   |
| Nickel     | 60-2  | 987      | 1020     | 983      | 997      | 2.03   | cps   |
| Phosphorus | 31-2  | 933      | 983      | 1050     | 989      | 5.92   | cps   |
| Potassium  | 39-2  | 404359   | 402883   | 402313   | 403185   | 0.26   | cps   |
| Rhodium    | 103-1 | 6815687  | 6694317  | 6699500  | 6736502  | 1.02   | cps   |
| Rhodium    | 103-2 | 3022151  | 2909618  | 2943297  | 2958356  | 1.95   | cps   |
| Scandium   | 45-1  | 3890419  | 3884687  | 3820392  | 3865166  | 1.01   | cps   |
| Scandium   | 45-2  | 169592   | 159888   | 163005   | 164162   | 3.02   | cps   |
| Selenium   | 77-2  | 0        | 0        | 0        | 0        | 0.00   | cps   |
| Selenium   | 78-2  | 59       | 59       | 44       | 54       | 15.75  | cps   |
| Selenium   | 82-1  | 19       | 121      | 213      | 117      | 82.75  | cps   |
| Silicon    | 28-1  | 14522972 | 14333064 | 14358451 | 14404829 | 0.72   | cps   |
| Silver     | 109-1 | 200      | 275      | 142      | 206      | 32.52  | cps   |
| Silver     | 107-1 | 308      | 150      | 183      | 214      | 39.03  | cps   |
| Sodium     | 23-2  | 9800258  | 9677112  | 9670794  | 9716055  | 0.75   | cps   |
| Strontium  | 86-1  | 469539   | 465828   | 469208   | 468191   | 0.44   | cps   |
| Strontium  | 88-1  | 4171693  | 4136428  | 4138594  | 4148905  | 0.48   | cps   |
| Sulfur     | 34-1  | 774607   | 758382   | 766056   | 766348   | 1.06   | cps   |
| Terbium    | 159-1 | 10932996 | 10822325 | 10718997 | 10824772 | 0.99   | cps   |
| Terbium    | 159-2 | 4953120  | 4740492  | 4813380  | 4835664  | 2.23   | cps   |
| Thallium   | 203-1 | 142      | 133      | 233      | 169      | 32.75  | cps   |
| Thallium   | 205-1 | 408      | 367      | 508      | 428      | 17.02  | cps   |
| Tin        | 118-1 | 442      | 500      | 600      | 514      | 15.58  | cps   |
| Titanium   | 47-1  | 475      | 525      | 492      | 497      | 5.12   | cps   |
| Uranium    | 238-1 | 3242     | 2992     | 3159     | 3131     | 4.07   | cps   |
| Vanadium   | 51-2  | 1567     | 1567     | 1453     | 1529     | 4.28   | cps   |
| Yttrium    | 89-1  | 7698647  | 7648208  | 7538710  | 7628522  | 1.07   | cps   |
| Yttrium    | 89-2  | 1068081  | 1021846  | 1028211  | 1039380  | 2.41   | cps   |
| Zinc       | 66-2  | 3964     | 4081     | 4151     | 4065     | 2.32   | cps   |
| Zirconium  | 90-1  | 683      | 550      | 533      | 589      | 13.96  | cps   |

|                         |                      |                   |                     |
|-------------------------|----------------------|-------------------|---------------------|
| LB Number :             | LB88853              | Operator :        | Jaswal              |
| Lab Sample ID :         | I4278-03RE           | Instrumnet Name : | P7                  |
| Client Sample ID :      | DC3126-03-BS-CLB46-V | Dilution Factor : | 1                   |
| Date & Time Acquired :: | 2017-07-19 16:38:11  | DataFile Name :   | 070SMPL_P7071917 -M |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|-----------|------|------|------|------|---------|--------|-------|
| Zirconium | 91-1 | 100  | 117  | 158  | 125     | 24.04  | cps   |



LB Number : LB88853 Operator : Jaswal  
 Lab Sample ID : I4278-04RE Instrumnet Name : P7  
 Client Sample ID : DC3126-04-BS-CLB46-V Dilution Factor : 1  
 Date & Time Acquired :: 2017-07-19 16:41:39 DataFile Name : 071SMPL\_P7071917 -M

| Parameter  | Mass  | CPS1     | CPS2     | CPS3    | CPSMean  | CPSRSD | Units |
|------------|-------|----------|----------|---------|----------|--------|-------|
| Aluminium  | 27-2  | 1142     | 1242     | 1217    | 1200     | 4.34   | cps   |
| Antimony   | 121-1 | 1175     | 1083     | 1000    | 1086     | 8.06   | cps   |
| Arsenic    | 75-2  | 94       | 70       | 67      | 77       | 19.55  | cps   |
| Barium     | 135-1 | 102468   | 96282    | 97860   | 98870    | 3.25   | cps   |
| Barium     | 137-1 | 174558   | 172643   | 172500  | 173234   | 0.66   | cps   |
| Beryllium  | 9-1   | 44       | 128      | 72      | 81       | 52.07  | cps   |
| Bismuth    | 209-1 | 6953876  | 6935906  | 6522446 | 6804076  | 3.59   | cps   |
| Bismuth    | 209-2 | 3699051  | 3756555  | 3862263 | 3772623  | 2.19   | cps   |
| Boron      | 10-1  | 5259     | 4951     | 5568    | 5259     | 5.87   | cps   |
| Boron      | 11-1  | 25831    | 26733    | 27125   | 26563    | 2.50   | cps   |
| Cadmium    | 111-1 | 1672     | 1776     | 1515    | 1654     | 7.94   | cps   |
| Cadmium    | 106-1 | 2375     | 2517     | 2117    | 2336     | 8.68   | cps   |
| Cadmium    | 108-1 | 17       | 4        | 13      | 11       | 57.27  | cps   |
| Calcium    | 43-1  | 540071   | 533730   | 532914  | 535572   | 0.73   | cps   |
| Calcium    | 44-1  | 8790594  | 8837494  | 8840618 | 8822902  | 0.32   | cps   |
| Chromium   | 52-2  | 693      | 690      | 717     | 700      | 2.08   | cps   |
| Cobalt     | 59-2  | 333      | 323      | 393     | 350      | 10.82  | cps   |
| Copper     | 63-2  | 174448   | 176202   | 175518  | 175390   | 0.50   | cps   |
| Dysprosium | 156-1 | 50       | 42       | 33      | 42       | 19.99  | cps   |
| Dysprosium | 156-2 | 13       | 30       | 13      | 19       | 50.96  | cps   |
| Erbium     | 164-1 | 92       | 42       | 92      | 75       | 38.49  | cps   |
| Erbium     | 164-2 | 23       | 23       | 20      | 22       | 8.65   | cps   |
| Gadolinium | 160-1 | 83       | 92       | 108     | 94       | 13.48  | cps   |
| Gadolinium | 160-2 | 120      | 110      | 103     | 111      | 7.55   | cps   |
| Holmium    | 165-1 | 10281436 | 10461295 | 9942737 | 10228489 | 2.57   | cps   |
| Holmium    | 165-2 | 4782498  | 4813697  | 4861444 | 4819213  | 0.83   | cps   |
| Indium     | 115-1 | 7524002  | 7591300  | 7228754 | 7448019  | 2.59   | cps   |
| Indium     | 115-2 | 1380851  | 1387445  | 1410897 | 1393064  | 1.13   | cps   |
| Iron       | 56-2  | 106668   | 108571   | 106640  | 107293   | 1.03   | cps   |
| Iron       | 57-2  | 3739     | 4045     | 3895    | 3893     | 3.93   | cps   |
| Lead       | 206-1 | 4601     | 4318     | 5140    | 4686     | 8.92   | cps   |
| Lead       | 207-1 | 3956     | 3684     | 3906    | 3849     | 3.77   | cps   |
| Lead       | 208-1 | 18550    | 17622    | 18111   | 18094    | 2.57   | cps   |
| Lithium    | 6-1   | 1082503  | 1091334  | 1056354 | 1076730  | 1.69   | cps   |
| Magnesium  | 24-2  | 1250342  | 1250781  | 1250116 | 1250413  | 0.03   | cps   |
| Manganese  | 55-2  | 15639    | 15759    | 15855   | 15751    | 0.69   | cps   |

|                         |                      |                   |                     |
|-------------------------|----------------------|-------------------|---------------------|
| LB Number :             | LB88853              | Operator :        | Jaswal              |
| Lab Sample ID :         | I4278-04RE           | Instrumnet Name : | P7                  |
| Client Sample ID :      | DC3126-04-BS-CLB46-V | Dilution Factor : | 1                   |
| Date & Time Acquired :: | 2017-07-19 16:41:39  | DataFile Name :   | 071SMPL_P7071917 -M |

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|------------|-------|----------|----------|----------|----------|--------|-------|
| Molybdenum | 94-1  | 3534     | 3626     | 3384     | 3514     | 3.47   | cps   |
| Molybdenum | 95-1  | 6043     | 6002     | 6085     | 6043     | 0.69   | cps   |
| Molybdenum | 96-1  | 6535     | 6027     | 6177     | 6246     | 4.18   | cps   |
| Molybdenum | 97-1  | 3451     | 3459     | 3659     | 3523     | 3.35   | cps   |
| Molybdenum | 98-1  | 9362     | 9629     | 9620     | 9537     | 1.59   | cps   |
| Neodymium  | 150-1 | 20       | 33       | 27       | 27       | 24.99  | cps   |
| Neodymium  | 150-2 | 7        | 3        | 0        | 3        | 100.05 | cps   |
| Nickel     | 60-2  | 900      | 953      | 880      | 911      | 4.16   | cps   |
| Phosphorus | 31-2  | 1033     | 992      | 900      | 975      | 7.00   | cps   |
| Potassium  | 39-2  | 392325   | 393130   | 391576   | 392344   | 0.20   | cps   |
| Rhodium    | 103-1 | 6480022  | 6569209  | 6238403  | 6429211  | 2.66   | cps   |
| Rhodium    | 103-2 | 2879426  | 2900018  | 2942879  | 2907441  | 1.11   | cps   |
| Scandium   | 45-1  | 3747200  | 3783158  | 3586112  | 3705490  | 2.83   | cps   |
| Scandium   | 45-2  | 161017   | 162846   | 164620   | 162828   | 1.11   | cps   |
| Selenium   | 77-2  | 0        | 0        | 0        | 0        | 0.00   | cps   |
| Selenium   | 78-2  | 56       | 54       | 61       | 57       | 6.79   | cps   |
| Selenium   | 82-1  | 55       | 128      | 106      | 96       | 39.08  | cps   |
| Silicon    | 28-1  | 13854256 | 13643654 | 13764475 | 13754129 | 0.77   | cps   |
| Silver     | 109-1 | 158      | 183      | 175      | 172      | 7.39   | cps   |
| Silver     | 107-1 | 133      | 225      | 125      | 161      | 34.44  | cps   |
| Sodium     | 23-2  | 9385147  | 9443473  | 9437738  | 9422120  | 0.34   | cps   |
| Strontium  | 86-1  | 444876   | 444472   | 445052   | 444800   | 0.07   | cps   |
| Strontium  | 88-1  | 3929513  | 3934754  | 3919538  | 3927935  | 0.20   | cps   |
| Sulfur     | 34-1  | 737587   | 734281   | 740991   | 737620   | 0.45   | cps   |
| Terbium    | 159-1 | 10536059 | 10667614 | 10165023 | 10456232 | 2.49   | cps   |
| Terbium    | 159-2 | 4715624  | 4736470  | 4778284  | 4743459  | 0.67   | cps   |
| Thallium   | 203-1 | 175      | 175      | 150      | 167      | 8.66   | cps   |
| Thallium   | 205-1 | 392      | 450      | 483      | 442      | 10.51  | cps   |
| Tin        | 118-1 | 425      | 508      | 492      | 475      | 9.28   | cps   |
| Titanium   | 47-1  | 517      | 417      | 375      | 436      | 16.70  | cps   |
| Uranium    | 238-1 | 2825     | 2842     | 3459     | 3042     | 11.87  | cps   |
| Vanadium   | 51-2  | 1480     | 1463     | 1360     | 1435     | 4.53   | cps   |
| Yttrium    | 89-1  | 7362363  | 7512246  | 7165317  | 7346642  | 2.37   | cps   |
| Yttrium    | 89-2  | 1014170  | 1021322  | 1033300  | 1022931  | 0.94   | cps   |
| Zinc       | 66-2  | 4861     | 5141     | 5048     | 5017     | 2.84   | cps   |
| Zirconium  | 90-1  | 508      | 592      | 608      | 569      | 9.41   | cps   |

|                         |                      |                   |                     |
|-------------------------|----------------------|-------------------|---------------------|
| LB Number :             | LB88853              | Operator :        | Jaswal              |
| Lab Sample ID :         | I4278-04RE           | Instrumnet Name : | P7                  |
| Client Sample ID :      | DC3126-04-BS-CLB46-V | Dilution Factor : | 1                   |
| Date & Time Acquired :: | 2017-07-19 16:41:39  | DataFile Name :   | 071SMPL_P7071917 -M |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|-----------|------|------|------|------|---------|--------|-------|
| Zirconium | 91-1 | 83   | 108  | 58   | 83      | 30.00  | cps   |

LB Number : LB88853 Operator : Jaswal  
 Lab Sample ID : I4278-05RE Instrumnet Name : P7  
 Client Sample ID : DC3126-05-BS-CLB46-V Dilution Factor : 1  
 Date & Time Acquired :: 2017-07-19 16:45:06 DataFile Name : 072SMPL\_P7071917 -M

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|------------|-------|----------|----------|----------|----------|--------|-------|
| Aluminium  | 27-2  | 9612     | 9995     | 9695     | 9767     | 2.07   | cps   |
| Antimony   | 121-1 | 1208     | 1108     | 1308     | 1208     | 8.28   | cps   |
| Arsenic    | 75-2  | 124      | 96       | 107      | 109      | 12.80  | cps   |
| Barium     | 135-1 | 108051   | 109002   | 106631   | 107894   | 1.11   | cps   |
| Barium     | 137-1 | 189561   | 184982   | 185766   | 186770   | 1.31   | cps   |
| Beryllium  | 9-1   | 94       | 89       | 56       | 80       | 26.41  | cps   |
| Bismuth    | 209-1 | 7094669  | 7023126  | 7296495  | 7138097  | 1.99   | cps   |
| Bismuth    | 209-2 | 3918830  | 3823233  | 3789024  | 3843696  | 1.75   | cps   |
| Boron      | 10-1  | 6693     | 6810     | 6902     | 6802     | 1.54   | cps   |
| Boron      | 11-1  | 32678    | 33521    | 34741    | 33647    | 3.08   | cps   |
| Cadmium    | 111-1 | 2436     | 2287     | 2186     | 2303     | 5.46   | cps   |
| Cadmium    | 106-1 | 2867     | 2617     | 2575     | 2686     | 5.87   | cps   |
| Cadmium    | 108-1 | 54       | 46       | 54       | 51       | 9.37   | cps   |
| Calcium    | 43-1  | 578599   | 576806   | 574071   | 576492   | 0.40   | cps   |
| Calcium    | 44-1  | 9465753  | 9466800  | 9327630  | 9420061  | 0.85   | cps   |
| Chromium   | 52-2  | 1010     | 1073     | 853      | 979      | 11.57  | cps   |
| Cobalt     | 59-2  | 340      | 317      | 347      | 334      | 4.71   | cps   |
| Copper     | 63-2  | 121979   | 122434   | 122366   | 122260   | 0.20   | cps   |
| Dysprosium | 156-1 | 108      | 50       | 83       | 81       | 36.33  | cps   |
| Dysprosium | 156-2 | 47       | 40       | 23       | 37       | 32.79  | cps   |
| Erbium     | 164-1 | 67       | 67       | 67       | 67       | 0.00   | cps   |
| Erbium     | 164-2 | 37       | 33       | 30       | 33       | 10.01  | cps   |
| Gadolinium | 160-1 | 150      | 133      | 142      | 142      | 5.88   | cps   |
| Gadolinium | 160-2 | 103      | 97       | 110      | 103      | 6.45   | cps   |
| Holmium    | 165-1 | 10672648 | 10607396 | 10977062 | 10752369 | 1.84   | cps   |
| Holmium    | 165-2 | 5013085  | 4899166  | 4930702  | 4947651  | 1.19   | cps   |
| Indium     | 115-1 | 7768391  | 7796773  | 7961023  | 7842062  | 1.33   | cps   |
| Indium     | 115-2 | 1458038  | 1414795  | 1426938  | 1433257  | 1.56   | cps   |
| Iron       | 56-2  | 369758   | 367543   | 363580   | 366960   | 0.85   | cps   |
| Iron       | 57-2  | 10204    | 10548    | 10771    | 10508    | 2.72   | cps   |
| Lead       | 206-1 | 2989     | 2956     | 2884     | 2943     | 1.83   | cps   |
| Lead       | 207-1 | 2573     | 2411     | 2689     | 2558     | 5.46   | cps   |
| Lead       | 208-1 | 11669    | 11319    | 11619    | 11536    | 1.64   | cps   |
| Lithium    | 6-1   | 1120528  | 1113281  | 1130906  | 1121571  | 0.79   | cps   |
| Magnesium  | 24-2  | 1301974  | 1301484  | 1301560  | 1301672  | 0.02   | cps   |
| Manganese  | 55-2  | 20284    | 20555    | 20247    | 20362    | 0.82   | cps   |

|                         |                      |                   |                     |
|-------------------------|----------------------|-------------------|---------------------|
| LB Number :             | LB88853              | Operator :        | Jaswal              |
| Lab Sample ID :         | I4278-05RE           | Instrumnet Name : | P7                  |
| Client Sample ID :      | DC3126-05-BS-CLB46-V | Dilution Factor : | 1                   |
| Date & Time Acquired :: | 2017-07-19 16:45:06  | DataFile Name :   | 072SMPL_P7071917 -M |

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|------------|-------|----------|----------|----------|----------|--------|-------|
| Molybdenum | 94-1  | 3392     | 3292     | 3709     | 3464     | 6.28   | cps   |
| Molybdenum | 95-1  | 6285     | 5893     | 5860     | 6013     | 3.93   | cps   |
| Molybdenum | 96-1  | 6935     | 6877     | 7069     | 6960     | 1.41   | cps   |
| Molybdenum | 97-1  | 3759     | 3801     | 3759     | 3773     | 0.64   | cps   |
| Molybdenum | 98-1  | 9545     | 9812     | 10096    | 9818     | 2.80   | cps   |
| Neodymium  | 150-1 | 73       | 113      | 47       | 78       | 43.14  | cps   |
| Neodymium  | 150-2 | 30       | 30       | 10       | 23       | 49.49  | cps   |
| Nickel     | 60-2  | 1080     | 1037     | 1127     | 1081     | 4.16   | cps   |
| Phosphorus | 31-2  | 867      | 950      | 1042     | 953      | 9.19   | cps   |
| Potassium  | 39-2  | 408492   | 409274   | 413951   | 410572   | 0.72   | cps   |
| Rhodium    | 103-1 | 6792739  | 6699355  | 6883401  | 6791832  | 1.35   | cps   |
| Rhodium    | 103-2 | 3051538  | 2977270  | 2985190  | 3004666  | 1.36   | cps   |
| Scandium   | 45-1  | 3938503  | 3820275  | 3939794  | 3899524  | 1.76   | cps   |
| Scandium   | 45-2  | 169756   | 164853   | 166689   | 167099   | 1.48   | cps   |
| Selenium   | 77-2  | 3        | 0        | 0        | 1        | 173.21 | cps   |
| Selenium   | 78-2  | 80       | 56       | 74       | 70       | 18.07  | cps   |
| Selenium   | 82-1  | 115      | 160      | 55       | 110      | 47.73  | cps   |
| Silicon    | 28-1  | 14471431 | 14459339 | 14391873 | 14440881 | 0.30   | cps   |
| Silver     | 109-1 | 125      | 158      | 200      | 161      | 23.32  | cps   |
| Silver     | 107-1 | 217      | 250      | 192      | 219      | 13.34  | cps   |
| Sodium     | 23-2  | 9804927  | 9840117  | 9825677  | 9823574  | 0.18   | cps   |
| Strontium  | 86-1  | 495678   | 487392   | 484569   | 489213   | 1.18   | cps   |
| Strontium  | 88-1  | 4356381  | 4341599  | 4299951  | 4332644  | 0.68   | cps   |
| Sulfur     | 34-1  | 778512   | 769692   | 769675   | 772626   | 0.66   | cps   |
| Terbium    | 159-1 | 11043392 | 10977697 | 11096549 | 11039213 | 0.54   | cps   |
| Terbium    | 159-2 | 4955045  | 4815472  | 4882761  | 4884426  | 1.43   | cps   |
| Thallium   | 203-1 | 217      | 225      | 175      | 206      | 13.03  | cps   |
| Thallium   | 205-1 | 375      | 483      | 367      | 408      | 15.94  | cps   |
| Tin        | 118-1 | 458      | 567      | 467      | 497      | 12.13  | cps   |
| Titanium   | 47-1  | 642      | 492      | 642      | 592      | 14.64  | cps   |
| Uranium    | 238-1 | 3759     | 3234     | 3501     | 3498     | 7.51   | cps   |
| Vanadium   | 51-2  | 1537     | 1517     | 1497     | 1517     | 1.32   | cps   |
| Yttrium    | 89-1  | 7668940  | 7619857  | 7845491  | 7711429  | 1.54   | cps   |
| Yttrium    | 89-2  | 1071751  | 1041748  | 1049735  | 1054411  | 1.47   | cps   |
| Zinc       | 66-2  | 53240    | 52842    | 53628    | 53237    | 0.74   | cps   |
| Zirconium  | 90-1  | 692      | 675      | 725      | 697      | 3.65   | cps   |

|                         |                      |                   |                     |
|-------------------------|----------------------|-------------------|---------------------|
| LB Number :             | LB88853              | Operator :        | Jaswal              |
| Lab Sample ID :         | I4278-05RE           | Instrumnet Name : | P7                  |
| Client Sample ID :      | DC3126-05-BS-CLB46-V | Dilution Factor : | 1                   |
| Date & Time Acquired :: | 2017-07-19 16:45:06  | DataFile Name :   | 072SMPL_P7071917 -M |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|-----------|------|------|------|------|---------|--------|-------|
| Zirconium | 91-1 | 142  | 192  | 158  | 164     | 15.54  | cps   |

|                         |                     |                   |                      |
|-------------------------|---------------------|-------------------|----------------------|
| LB Number :             | LB88853             | Operator :        | Jaswal               |
| Lab Sample ID :         | CCV35               | Instrumnet Name : | P7                   |
| Client Sample ID :      | CCV35               | Dilution Factor : | 1                    |
| Date & Time Acquired :: | 2017-07-19 16:48:34 | DataFile Name :   | 073CCV_P7071917 -MS. |

| Parameter  | Mass  | CPS1      | CPS2      | CPS3      | CPSMean   | CPSRSD | Units |
|------------|-------|-----------|-----------|-----------|-----------|--------|-------|
| Aluminium  | 27-2  | 2822297   | 2812192   | 2793203   | 2809231   | 0.53   | cps   |
| Antimony   | 121-1 | 3796538   | 3836664   | 3824786   | 3819329   | 0.54   | cps   |
| Arsenic    | 75-2  | 111398    | 111079    | 111135    | 111204    | 0.15   | cps   |
| Barium     | 135-1 | 5006502   | 5000209   | 5007473   | 5004728   | 0.08   | cps   |
| Barium     | 137-1 | 8742648   | 8797261   | 8762534   | 8767481   | 0.32   | cps   |
| Beryllium  | 9-1   | 441561    | 444843    | 444340    | 443582    | 0.40   | cps   |
| Bismuth    | 209-1 | 6132331   | 5850176   | 5994841   | 5992449   | 2.35   | cps   |
| Bismuth    | 209-2 | 3378480   | 3335624   | 3338702   | 3350935   | 0.71   | cps   |
| Boron      | 10-1  | 47216     | 48228     | 49465     | 48303     | 2.33   | cps   |
| Boron      | 11-1  | 235006    | 239742    | 245967    | 240238    | 2.29   | cps   |
| Cadmium    | 111-1 | 848100    | 850963    | 849864    | 849642    | 0.17   | cps   |
| Cadmium    | 106-1 | 93373     | 95035     | 92594     | 93667     | 1.33   | cps   |
| Cadmium    | 108-1 | 60336     | 62077     | 60914     | 61109     | 1.45   | cps   |
| Calcium    | 43-1  | 4725136   | 4743532   | 4768289   | 4745653   | 0.46   | cps   |
| Calcium    | 44-1  | 76220985  | 75568545  | 75832060  | 75873864  | 0.43   | cps   |
| Chromium   | 52-2  | 958122    | 949834    | 949174    | 952377    | 0.52   | cps   |
| Cobalt     | 59-2  | 1515203   | 1504120   | 1496827   | 1505383   | 0.61   | cps   |
| Copper     | 63-2  | 2100970   | 2079026   | 2094114   | 2091370   | 0.54   | cps   |
| Dysprosium | 156-1 | 142       | 292       | 117       | 183       | 51.63  | cps   |
| Dysprosium | 156-2 | 80        | 83        | 90        | 84        | 6.03   | cps   |
| Erbium     | 164-1 | 83        | 67        | 42        | 64        | 32.83  | cps   |
| Erbium     | 164-2 | 27        | 47        | 20        | 31        | 44.61  | cps   |
| Gadolinium | 160-1 | 92        | 125       | 133       | 117       | 18.90  | cps   |
| Gadolinium | 160-2 | 123       | 87        | 100       | 103       | 17.96  | cps   |
| Holmium    | 165-1 | 9788850   | 9500547   | 9697049   | 9662149   | 1.52   | cps   |
| Holmium    | 165-2 | 4638406   | 4587166   | 4588970   | 4604847   | 0.63   | cps   |
| Indium     | 115-1 | 7000357   | 6802400   | 6859211   | 6887323   | 1.48   | cps   |
| Indium     | 115-2 | 1308779   | 1293505   | 1292307   | 1298197   | 0.71   | cps   |
| Iron       | 56-2  | 190114732 | 187469532 | 187333104 | 188305789 | 0.83   | cps   |
| Iron       | 57-2  | 4729504   | 4728782   | 4713619   | 4723968   | 0.19   | cps   |
| Lead       | 206-1 | 3201211   | 3192246   | 3184189   | 3192549   | 0.27   | cps   |
| Lead       | 207-1 | 2943433   | 2929709   | 2917620   | 2930254   | 0.44   | cps   |
| Lead       | 208-1 | 13309203  | 13250461  | 13260027  | 13273230  | 0.24   | cps   |
| Lithium    | 6-1   | 1046928   | 1032817   | 1047437   | 1042394   | 0.80   | cps   |
| Magnesium  | 24-2  | 32037438  | 31711376  | 31571123  | 31773312  | 0.75   | cps   |
| Manganese  | 55-2  | 1090424   | 1085779   | 1081168   | 1085790   | 0.43   | cps   |

|                         |                     |                   |                      |
|-------------------------|---------------------|-------------------|----------------------|
| LB Number :             | LB88853             | Operator :        | Jaswal               |
| Lab Sample ID :         | CCV35               | Instrumnet Name : | P7                   |
| Client Sample ID :      | CCV35               | Dilution Factor : | 1                    |
| Date & Time Acquired :: | 2017-07-19 16:48:34 | DataFile Name :   | 073CCV_P7071917 -MS. |

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|------------|-------|----------|----------|----------|----------|--------|-------|
| Molybdenum | 94-1  | 3197382  | 3191077  | 3202763  | 3197074  | 0.18   | cps   |
| Molybdenum | 95-1  | 1823898  | 1815219  | 1816940  | 1818685  | 0.25   | cps   |
| Molybdenum | 96-1  | 2303040  | 2310124  | 2305744  | 2306303  | 0.15   | cps   |
| Molybdenum | 97-1  | 1122802  | 1129130  | 1129491  | 1127141  | 0.33   | cps   |
| Molybdenum | 98-1  | 2946317  | 2939321  | 2941487  | 2942375  | 0.12   | cps   |
| Neodymium  | 150-1 | 480      | 493      | 547      | 507      | 6.96   | cps   |
| Neodymium  | 150-2 | 80       | 67       | 37       | 61       | 36.31  | cps   |
| Nickel     | 60-2  | 391229   | 390309   | 390364   | 390634   | 0.13   | cps   |
| Phosphorus | 31-2  | 30215    | 29380    | 29530    | 29708    | 1.50   | cps   |
| Potassium  | 39-2  | 17191430 | 17008880 | 16990748 | 17063686 | 0.65   | cps   |
| Rhodium    | 103-1 | 5932082  | 5698957  | 5840192  | 5823743  | 2.02   | cps   |
| Rhodium    | 103-2 | 2657920  | 2642717  | 2637438  | 2646025  | 0.40   | cps   |
| Scandium   | 45-1  | 3724008  | 3577868  | 3672974  | 3658283  | 2.03   | cps   |
| Scandium   | 45-2  | 163669   | 163962   | 163036   | 163555   | 0.29   | cps   |
| Selenium   | 77-2  | 2240     | 2180     | 2137     | 2186     | 2.37   | cps   |
| Selenium   | 78-2  | 7600     | 7637     | 7546     | 7595     | 0.60   | cps   |
| Selenium   | 82-1  | 50789    | 50185    | 50218    | 50397    | 0.67   | cps   |
| Silicon    | 28-1  | 2174460  | 2186256  | 2194150  | 2184955  | 0.45   | cps   |
| Silver     | 109-1 | 4030593  | 4044798  | 4012638  | 4029343  | 0.40   | cps   |
| Silver     | 107-1 | 4196176  | 4187113  | 4160818  | 4181369  | 0.44   | cps   |
| Sodium     | 23-2  | 60415939 | 59788801 | 59780447 | 59995062 | 0.61   | cps   |
| Strontium  | 86-1  | 1198577  | 1196432  | 1191191  | 1195400  | 0.32   | cps   |
| Strontium  | 88-1  | 10522606 | 10610183 | 10509997 | 10547595 | 0.52   | cps   |
| Sulfur     | 34-1  | 467095   | 464081   | 463157   | 464778   | 0.44   | cps   |
| Terbium    | 159-1 | 10061155 | 9692064  | 9896785  | 9883335  | 1.87   | cps   |
| Terbium    | 159-2 | 4581728  | 4500126  | 4495539  | 4525798  | 1.07   | cps   |
| Thallium   | 203-1 | 3945924  | 3952220  | 3938583  | 3945576  | 0.17   | cps   |
| Thallium   | 205-1 | 9548233  | 9583593  | 9537200  | 9556342  | 0.25   | cps   |
| Tin        | 118-1 | 3116798  | 3120768  | 3102120  | 3113229  | 0.32   | cps   |
| Titanium   | 47-1  | 445687   | 445515   | 442973   | 444725   | 0.34   | cps   |
| Uranium    | 238-1 | 14253145 | 14113393 | 14092952 | 14153163 | 0.62   | cps   |
| Vanadium   | 51-2  | 796519   | 786983   | 790233   | 791245   | 0.61   | cps   |
| Yttrium    | 89-1  | 7182611  | 6935305  | 7075865  | 7064594  | 1.76   | cps   |
| Yttrium    | 89-2  | 1006809  | 994815   | 991915   | 997846   | 0.79   | cps   |
| Zinc       | 66-2  | 285671   | 285543   | 285199   | 285471   | 0.09   | cps   |
| Zirconium  | 90-1  | 5937238  | 5924019  | 5965047  | 5942101  | 0.35   | cps   |



|                         |                     |                   |                      |
|-------------------------|---------------------|-------------------|----------------------|
| LB Number :             | LB88853             | Operator :        | Jaswal               |
| Lab Sample ID :         | CCV35               | Instrumnet Name : | P7                   |
| Client Sample ID :      | CCV35               | Dilution Factor : | 1                    |
| Date & Time Acquired :: | 2017-07-19 16:48:34 | DataFile Name :   | 073CCV_P7071917 -MS. |

| Parameter | Mass | CPS1    | CPS2    | CPS3    | CPSMean | CPSRSD | Units |
|-----------|------|---------|---------|---------|---------|--------|-------|
| Zirconium | 91-1 | 1307014 | 1307936 | 1312324 | 1309091 | 0.22   | cps   |

LB Number : LB88853 Operator : Jaswal  
 Lab Sample ID : CCB35 Instrumnet Name : P7  
 Client Sample ID : CCB35 Dilution Factor : 1  
 Date & Time Acquired :: 2017-07-19 17:22:39 DataFile Name : 075CCBE\_P7071917 -M:

| Parameter  | Mass  | CPS1    | CPS2    | CPS3    | CPSMean | CPSRSD | Units |
|------------|-------|---------|---------|---------|---------|--------|-------|
| Aluminium  | 27-2  | 67      | 50      | 50      | 56      | 17.32  | cps   |
| Antimony   | 121-1 | 325     | 317     | 367     | 336     | 7.97   | cps   |
| Arsenic    | 75-2  | 11      | 2       | 9       | 7       | 66.16  | cps   |
| Barium     | 135-1 | 25      | 42      | 42      | 36      | 26.65  | cps   |
| Barium     | 137-1 | 100     | 67      | 108     | 92      | 24.05  | cps   |
| Beryllium  | 9-1   | 83      | 144     | 106     | 111     | 27.84  | cps   |
| Bismuth    | 209-1 | 6599560 | 6272457 | 6546375 | 6472798 | 2.71   | cps   |
| Bismuth    | 209-2 | 3623772 | 3662590 | 3466920 | 3584427 | 2.89   | cps   |
| Boron      | 10-1  | 183     | 267     | 217     | 222     | 18.88  | cps   |
| Boron      | 11-1  | 1392    | 1075    | 1142    | 1203    | 13.88  | cps   |
| Cadmium    | 111-1 | 1661    | 1655    | 1634    | 1650    | 0.87   | cps   |
| Cadmium    | 106-1 | 2359    | 2367    | 2350    | 2359    | 0.35   | cps   |
| Cadmium    | 108-1 | 4       | 8       | 17      | 10      | 65.47  | cps   |
| Calcium    | 43-1  | 92      | 142     | 233     | 156     | 46.19  | cps   |
| Calcium    | 44-1  | 4042    | 3767    | 4076    | 3962    | 4.27   | cps   |
| Chromium   | 52-2  | 370     | 410     | 397     | 392     | 5.19   | cps   |
| Cobalt     | 59-2  | 120     | 93      | 87      | 100     | 17.64  | cps   |
| Copper     | 63-2  | 733     | 747     | 783     | 754     | 3.43   | cps   |
| Dysprosium | 156-1 | 8       | 25      | 0       | 11      | 114.58 | cps   |
| Dysprosium | 156-2 | 3       | 3       | 0       | 2       | 86.60  | cps   |
| Erbium     | 164-1 | 33      | 25      | 33      | 31      | 15.75  | cps   |
| Erbium     | 164-2 | 10      | 10      | 13      | 11      | 17.30  | cps   |
| Gadolinium | 160-1 | 25      | 50      | 25      | 33      | 43.30  | cps   |
| Gadolinium | 160-2 | 80      | 87      | 77      | 81      | 6.28   | cps   |
| Holmium    | 165-1 | 9704875 | 9305563 | 9618570 | 9543003 | 2.20   | cps   |
| Holmium    | 165-2 | 4529710 | 4585311 | 4341797 | 4485606 | 2.84   | cps   |
| Indium     | 115-1 | 7084267 | 6815594 | 7067635 | 6989165 | 2.15   | cps   |
| Indium     | 115-2 | 1321138 | 1336692 | 1266651 | 1308161 | 2.81   | cps   |
| Iron       | 56-2  | 5045    | 5384    | 5535    | 5321    | 4.71   | cps   |
| Iron       | 57-2  | 222     | 261     | 244     | 243     | 8.04   | cps   |
| Lead       | 206-1 | 989     | 961     | 956     | 969     | 1.84   | cps   |
| Lead       | 207-1 | 1067    | 811     | 833     | 904     | 15.67  | cps   |
| Lead       | 208-1 | 4278    | 3834    | 4000    | 4037    | 5.56   | cps   |
| Lithium    | 6-1   | 1047559 | 1020830 | 1042933 | 1037107 | 1.38   | cps   |
| Magnesium  | 24-2  | 1267    | 1300    | 1283    | 1283    | 1.30   | cps   |
| Manganese  | 55-2  | 1337    | 1143    | 1193    | 1225    | 8.20   | cps   |

|                         |                     |                   |                     |
|-------------------------|---------------------|-------------------|---------------------|
| LB Number :             | LB88853             | Operator :        | Jaswal              |
| Lab Sample ID :         | CCB35               | Instrumnet Name : | P7                  |
| Client Sample ID :      | CCB35               | Dilution Factor : | 1                   |
| Date & Time Acquired :: | 2017-07-19 17:22:39 | DataFile Name :   | 075CCBE_P7071917 -M |

| Parameter  | Mass  | CPS1    | CPS2    | CPS3    | CPSMean | CPSRSD | Units |
|------------|-------|---------|---------|---------|---------|--------|-------|
| Molybdenum | 94-1  | 375     | 358     | 475     | 403     | 15.67  | cps   |
| Molybdenum | 95-1  | 50      | 75      | 50      | 58      | 24.74  | cps   |
| Molybdenum | 96-1  | 158     | 100     | 158     | 139     | 24.25  | cps   |
| Molybdenum | 97-1  | 33      | 50      | 33      | 39      | 24.75  | cps   |
| Molybdenum | 98-1  | 100     | 67      | 67      | 78      | 24.74  | cps   |
| Neodymium  | 150-1 | 0       | 0       | 0       | 0       | 0.00   | cps   |
| Neodymium  | 150-2 | 0       | 0       | 3       | 1       | 173.21 | cps   |
| Nickel     | 60-2  | 347     | 330     | 323     | 333     | 3.61   | cps   |
| Phosphorus | 31-2  | 50      | 92      | 167     | 103     | 57.53  | cps   |
| Potassium  | 39-2  | 24671   | 24379   | 23945   | 24332   | 1.50   | cps   |
| Rhodium    | 103-1 | 6232999 | 5983425 | 6180117 | 6132180 | 2.14   | cps   |
| Rhodium    | 103-2 | 2800763 | 2828148 | 2684190 | 2771034 | 2.76   | cps   |
| Scandium   | 45-1  | 3568289 | 3388345 | 3554478 | 3503704 | 2.86   | cps   |
| Scandium   | 45-2  | 154314  | 158049  | 148397  | 153587  | 3.17   | cps   |
| Selenium   | 77-2  | 0       | 0       | 0       | 0       | 0.00   | cps   |
| Selenium   | 78-2  | 46      | 57      | 69      | 57      | 19.35  | cps   |
| Selenium   | 82-1  | -19     | -19     | -55     | -31     | -66.46 | cps   |
| Silicon    | 28-1  | 251923  | 246286  | 243292  | 247167  | 1.77   | cps   |
| Silver     | 109-1 | 100     | 25      | 92      | 72      | 56.92  | cps   |
| Silver     | 107-1 | 125     | 117     | 142     | 128     | 9.96   | cps   |
| Sodium     | 23-2  | 10096   | 9754    | 9954    | 9934    | 1.73   | cps   |
| Strontium  | 86-1  | 833     | 558     | 600     | 664     | 22.33  | cps   |
| Strontium  | 88-1  | 283     | 150     | 167     | 200     | 36.32  | cps   |
| Sulfur     | 34-1  | 221863  | 223468  | 221041  | 222124  | 0.56   | cps   |
| Terbium    | 159-1 | 9979753 | 9491987 | 9876199 | 9782646 | 2.63   | cps   |
| Terbium    | 159-2 | 4449382 | 4511373 | 4298350 | 4419702 | 2.48   | cps   |
| Thallium   | 203-1 | 292     | 292     | 333     | 306     | 7.87   | cps   |
| Thallium   | 205-1 | 617     | 658     | 883     | 719     | 19.94  | cps   |
| Tin        | 118-1 | 933     | 1400    | 1075    | 1136    | 21.07  | cps   |
| Titanium   | 47-1  | 92      | 67      | 100     | 86      | 20.15  | cps   |
| Uranium    | 238-1 | 33      | 8       | 83      | 42      | 91.65  | cps   |
| Vanadium   | 51-2  | 17      | 0       | 0       | 6       | 173.21 | cps   |
| Yttrium    | 89-1  | 6881689 | 6619962 | 6883389 | 6795013 | 2.23   | cps   |
| Yttrium    | 89-2  | 963566  | 972392  | 927815  | 954591  | 2.47   | cps   |
| Zinc       | 66-2  | 213     | 223     | 250     | 229     | 8.28   | cps   |
| Zirconium  | 90-1  | 1142    | 850     | 967     | 986     | 14.89  | cps   |

|                         |                     |                   |                      |
|-------------------------|---------------------|-------------------|----------------------|
| LB Number :             | LB88853             | Operator :        | Jaswal               |
| Lab Sample ID :         | CCB35               | Instrumnet Name : | P7                   |
| Client Sample ID :      | CCB35               | Dilution Factor : | 1                    |
| Date & Time Acquired :: | 2017-07-19 17:22:39 | DataFile Name :   | 075CCBE_P7071917 -M: |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|-----------|------|------|------|------|---------|--------|-------|
| Zirconium | 91-1 | 267  | 217  | 292  | 258     | 14.78  | cps   |

|                         |                     |                   |                     |
|-------------------------|---------------------|-------------------|---------------------|
| LB Number :             | LB88853             | Operator :        | Jaswal              |
| Lab Sample ID :         | I4255-01DL2X250     | Instrumnet Name : | P7                  |
| Client Sample ID :      | MH0CC0              | Dilution Factor : | 250                 |
| Date & Time Acquired :: | 2017-07-19 17:26:08 | DataFile Name :   | 076SMPL_P7071917 -M |

| Parameter  | Mass  | CPS1    | CPS2    | CPS3    | CPSMean | CPSRSD | Units |
|------------|-------|---------|---------|---------|---------|--------|-------|
| Aluminium  | 27-2  | 67      | 58      | 50      | 58      | 14.29  | cps   |
| Antimony   | 121-1 | 342     | 183     | 325     | 283     | 30.71  | cps   |
| Arsenic    | 75-2  | 7       | 15      | 17      | 13      | 37.79  | cps   |
| Barium     | 135-1 | 767     | 675     | 575     | 672     | 14.26  | cps   |
| Barium     | 137-1 | 1017    | 1117    | 1075    | 1070    | 4.70   | cps   |
| Beryllium  | 9-1   | 89      | 122     | 61      | 91      | 33.72  | cps   |
| Bismuth    | 209-1 | 6558261 | 6584663 | 6654403 | 6599109 | 0.75   | cps   |
| Bismuth    | 209-2 | 3768440 | 3788673 | 3566901 | 3708005 | 3.31   | cps   |
| Boron      | 10-1  | 283     | 200     | 267     | 250     | 17.64  | cps   |
| Boron      | 11-1  | 1167    | 850     | 1142    | 1053    | 16.72  | cps   |
| Cadmium    | 111-1 | 1792    | 1706    | 1575    | 1691    | 6.47   | cps   |
| Cadmium    | 106-1 | 2550    | 2434    | 2250    | 2411    | 6.27   | cps   |
| Cadmium    | 108-1 | 8       | 8       | 13      | 10      | 24.77  | cps   |
| Calcium    | 43-1  | 17202   | 16885   | 16468   | 16852   | 2.19   | cps   |
| Calcium    | 44-1  | 277896  | 281298  | 280715  | 279969  | 0.65   | cps   |
| Chromium   | 52-2  | 350     | 437     | 350     | 379     | 13.21  | cps   |
| Cobalt     | 59-2  | 980     | 983     | 1060    | 1008    | 4.49   | cps   |
| Copper     | 63-2  | 740     | 727     | 673     | 713     | 4.95   | cps   |
| Dysprosium | 156-1 | 25      | 8       | 33      | 22      | 57.29  | cps   |
| Dysprosium | 156-2 | 7       | 0       | 3       | 3       | 100.05 | cps   |
| Erbium     | 164-1 | 33      | 17      | 25      | 25      | 33.32  | cps   |
| Erbium     | 164-2 | 27      | 27      | 13      | 22      | 34.66  | cps   |
| Gadolinium | 160-1 | 92      | 17      | 42      | 50      | 76.37  | cps   |
| Gadolinium | 160-2 | 93      | 80      | 67      | 80      | 16.67  | cps   |
| Holmium    | 165-1 | 9773341 | 9690198 | 9770598 | 9744712 | 0.48   | cps   |
| Holmium    | 165-2 | 4705444 | 4729488 | 4488943 | 4641292 | 2.85   | cps   |
| Indium     | 115-1 | 7096151 | 7080465 | 7242866 | 7139827 | 1.25   | cps   |
| Indium     | 115-2 | 1368190 | 1375743 | 1312110 | 1352014 | 2.57   | cps   |
| Iron       | 56-2  | 23441   | 23041   | 22863   | 23115   | 1.28   | cps   |
| Iron       | 57-2  | 672     | 900     | 756     | 776     | 14.85  | cps   |
| Lead       | 206-1 | 1045    | 867     | 1045    | 985     | 10.42  | cps   |
| Lead       | 207-1 | 911     | 995     | 889     | 932     | 5.97   | cps   |
| Lead       | 208-1 | 4211    | 4095    | 4011    | 4106    | 2.45   | cps   |
| Lithium    | 6-1   | 1058617 | 1062615 | 1068450 | 1063228 | 0.47   | cps   |
| Magnesium  | 24-2  | 25873   | 26391   | 26917   | 26393   | 1.98   | cps   |
| Manganese  | 55-2  | 262537  | 264975  | 266055  | 264522  | 0.68   | cps   |

|                         |                     |                   |                     |
|-------------------------|---------------------|-------------------|---------------------|
| LB Number :             | LB88853             | Operator :        | Jaswal              |
| Lab Sample ID :         | I4255-01DL2X250     | Instrumnet Name : | P7                  |
| Client Sample ID :      | MH0CC0              | Dilution Factor : | 250                 |
| Date & Time Acquired :: | 2017-07-19 17:26:08 | DataFile Name :   | 076SMPL_P7071917 -M |

| Parameter  | Mass  | CPS1    | CPS2     | CPS3     | CPSMean | CPSRSD  | Units |
|------------|-------|---------|----------|----------|---------|---------|-------|
| Molybdenum | 94-1  | 292     | 250      | 325      | 289     | 13.01   | cps   |
| Molybdenum | 95-1  | 75      | 50       | 58       | 61      | 20.84   | cps   |
| Molybdenum | 96-1  | 108     | 92       | 108      | 103     | 9.36    | cps   |
| Molybdenum | 97-1  | 50      | 58       | 50       | 53      | 9.12    | cps   |
| Molybdenum | 98-1  | 83      | 75       | 108      | 89      | 19.52   | cps   |
| Neodymium  | 150-1 | 0       | 7        | 0        | 2       | 173.21  | cps   |
| Neodymium  | 150-2 | 0       | 0        | 3        | 1       | 173.21  | cps   |
| Nickel     | 60-2  | 490     | 397      | 460      | 449     | 10.61   | cps   |
| Phosphorus | 31-2  | 83      | 100      | 100      | 94      | 10.18   | cps   |
| Potassium  | 39-2  | 27627   | 27885    | 29063    | 28192   | 2.72    | cps   |
| Rhodium    | 103-1 | 6202868 | 6264564  | 6296255  | 6254562 | 0.76    | cps   |
| Rhodium    | 103-2 | 2895212 | 2914080  | 2780405  | 2863232 | 2.53    | cps   |
| Scandium   | 45-1  | 3529058 | 3528506  | 3553979  | 3537181 | 0.41    | cps   |
| Scandium   | 45-2  | 161307  | 164097   | 151631   | 159012  | 4.11    | cps   |
| Selenium   | 77-2  | 0       | 3        | 0        | 1       | 173.21  | cps   |
| Selenium   | 78-2  | 48      | 57       | 46       | 51      | 11.76   | cps   |
| Selenium   | 82-1  | -123    | 21       | 10       | -31     | -261.78 | cps   |
| Silicon    | 28-1  | 374615  | 377086   | 381496   | 377732  | 0.92    | cps   |
| Silver     | 109-1 | 125     | 117      | 75       | 106     | 25.38   | cps   |
| Silver     | 107-1 | 100     | 133      | 83       | 106     | 24.12   | cps   |
| Sodium     | 23-2  | 26783   | 26449    | 26140    | 26458   | 1.21    | cps   |
| Strontium  | 86-1  | 6752    | 6960     | 6760     | 6824    | 1.73    | cps   |
| Strontium  | 88-1  | 55868   | 54563    | 53827    | 54753   | 1.89    | cps   |
| Sulfur     | 34-1  | 243923  | 241147   | 242746   | 242605  | 0.57    | cps   |
| Terbium    | 159-1 | 9838169 | 10032453 | 10018560 | 9963061 | 1.09    | cps   |
| Terbium    | 159-2 | 4635981 | 4651159  | 4431548  | 4572896 | 2.68    | cps   |
| Thallium   | 203-1 | 283     | 350      | 267      | 300     | 14.70   | cps   |
| Thallium   | 205-1 | 592     | 700      | 600      | 631     | 9.56    | cps   |
| Tin        | 118-1 | 783     | 858      | 725      | 789     | 8.47    | cps   |
| Titanium   | 47-1  | 158     | 117      | 58       | 111     | 45.21   | cps   |
| Uranium    | 238-1 | 58      | 50       | 83       | 64      | 27.15   | cps   |
| Vanadium   | 51-2  | 3       | 17       | 0        | 7       | 132.33  | cps   |
| Yttrium    | 89-1  | 6934595 | 6922590  | 7023184  | 6960123 | 0.79    | cps   |
| Yttrium    | 89-2  | 993902  | 1002546  | 964454   | 986967  | 2.02    | cps   |
| Zinc       | 66-2  | 10280   | 10157    | 9947     | 10128   | 1.66    | cps   |
| Zirconium  | 90-1  | 800     | 800      | 783      | 795     | 1.21    | cps   |

|                         |                     |                   |                     |
|-------------------------|---------------------|-------------------|---------------------|
| LB Number :             | LB88853             | Operator :        | Jaswal              |
| Lab Sample ID :         | I4255-01DL2X250     | Instrumnet Name : | P7                  |
| Client Sample ID :      | MH0CC0              | Dilution Factor : | 250                 |
| Date & Time Acquired :: | 2017-07-19 17:26:08 | DataFile Name :   | 076SMPL_P7071917 -M |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|-----------|------|------|------|------|---------|--------|-------|
| Zirconium | 91-1 | 183  | 167  | 117  | 156     | 22.30  | cps   |

LB Number : LB88853 Operator : Jaswal  
 Lab Sample ID : I4255-02DL2X250 Instrumnet Name : P7  
 Client Sample ID : MH0CC1 Dilution Factor : 250  
 Date & Time Acquired :: 2017-07-19 17:29:37 DataFile Name : 077SMPL\_P7071917 -M

| Parameter  | Mass  | CPS1    | CPS2    | CPS3    | CPSMean | CPSRSD | Units |
|------------|-------|---------|---------|---------|---------|--------|-------|
| Aluminium  | 27-2  | 3659    | 3576    | 3467    | 3567    | 2.70   | cps   |
| Antimony   | 121-1 | 242     | 283     | 250     | 258     | 8.53   | cps   |
| Arsenic    | 75-2  | 191     | 235     | 217     | 214     | 10.42  | cps   |
| Barium     | 135-1 | 142     | 142     | 200     | 161     | 20.91  | cps   |
| Barium     | 137-1 | 292     | 233     | 283     | 269     | 11.71  | cps   |
| Beryllium  | 9-1   | 94      | 150     | 122     | 122     | 22.73  | cps   |
| Bismuth    | 209-1 | 6660689 | 6657740 | 6632671 | 6650367 | 0.23   | cps   |
| Bismuth    | 209-2 | 3691661 | 3736308 | 3693244 | 3707071 | 0.68   | cps   |
| Boron      | 10-1  | 150     | 175     | 317     | 214     | 42.02  | cps   |
| Boron      | 11-1  | 958     | 958     | 983     | 967     | 1.49   | cps   |
| Cadmium    | 111-1 | 5456    | 5460    | 5494    | 5470    | 0.38   | cps   |
| Cadmium    | 106-1 | 2684    | 3025    | 2892    | 2867    | 6.01   | cps   |
| Cadmium    | 108-1 | 242     | 221     | 271     | 244     | 10.27  | cps   |
| Calcium    | 43-1  | 17753   | 18445   | 18754   | 18318   | 2.80   | cps   |
| Calcium    | 44-1  | 305265  | 298856  | 299372  | 301164  | 1.18   | cps   |
| Chromium   | 52-2  | 413     | 410     | 427     | 417     | 2.12   | cps   |
| Cobalt     | 59-2  | 8373    | 8563    | 8663    | 8533    | 1.73   | cps   |
| Copper     | 63-2  | 38397   | 38167   | 38531   | 38365   | 0.48   | cps   |
| Dysprosium | 156-1 | 4501    | 4668    | 4126    | 4431    | 6.26   | cps   |
| Dysprosium | 156-2 | 2017    | 2090    | 2014    | 2040    | 2.12   | cps   |
| Erbium     | 164-1 | 4151    | 4376    | 4151    | 4226    | 3.08   | cps   |
| Erbium     | 164-2 | 1890    | 1990    | 1747    | 1876    | 6.52   | cps   |
| Gadolinium | 160-1 | 4193    | 4784    | 4309    | 4429    | 7.08   | cps   |
| Gadolinium | 160-2 | 2450    | 2274    | 2334    | 2352    | 3.82   | cps   |
| Holmium    | 165-1 | 9818190 | 9797589 | 9677918 | 9764566 | 0.78   | cps   |
| Holmium    | 165-2 | 4631868 | 4624601 | 4608244 | 4621571 | 0.26   | cps   |
| Indium     | 115-1 | 7049987 | 7173723 | 7117940 | 7113883 | 0.87   | cps   |
| Indium     | 115-2 | 1349155 | 1357004 | 1353107 | 1353089 | 0.29   | cps   |
| Iron       | 56-2  | 173394  | 172298  | 174445  | 173379  | 0.62   | cps   |
| Iron       | 57-2  | 4367    | 4451    | 4523    | 4447    | 1.75   | cps   |
| Lead       | 206-1 | 2006    | 2222    | 1911    | 2047    | 7.79   | cps   |
| Lead       | 207-1 | 1595    | 1639    | 1800    | 1678    | 6.45   | cps   |
| Lead       | 208-1 | 7501    | 8090    | 7701    | 7764    | 3.86   | cps   |
| Lithium    | 6-1   | 1070283 | 1074843 | 1073574 | 1072900 | 0.22   | cps   |
| Magnesium  | 24-2  | 51648   | 51966   | 51782   | 51799   | 0.31   | cps   |
| Manganese  | 55-2  | 541749  | 542838  | 548650  | 544412  | 0.68   | cps   |



|                         |                     |                   |                     |
|-------------------------|---------------------|-------------------|---------------------|
| LB Number :             | LB88853             | Operator :        | Jaswal              |
| Lab Sample ID :         | I4255-02DL2X250     | Instrumnet Name : | P7                  |
| Client Sample ID :      | MH0CC1              | Dilution Factor : | 250                 |
| Date & Time Acquired :: | 2017-07-19 17:29:37 | DataFile Name :   | 077SMPL_P7071917 -M |

| Parameter  | Mass  | CPS1     | CPS2     | CPS3    | CPSMean  | CPSRSD  | Units |
|------------|-------|----------|----------|---------|----------|---------|-------|
| Molybdenum | 94-1  | 325      | 242      | 333     | 300      | 16.90   | cps   |
| Molybdenum | 95-1  | 83       | 83       | 92      | 86       | 5.58    | cps   |
| Molybdenum | 96-1  | 75       | 83       | 83      | 81       | 5.98    | cps   |
| Molybdenum | 97-1  | 33       | 75       | 50      | 53       | 39.74   | cps   |
| Molybdenum | 98-1  | 67       | 42       | 33      | 47       | 36.74   | cps   |
| Neodymium  | 150-1 | 5601     | 5655     | 5775    | 5677     | 1.56    | cps   |
| Neodymium  | 150-2 | 2174     | 2080     | 2060    | 2105     | 2.87    | cps   |
| Nickel     | 60-2  | 1037     | 1143     | 1063    | 1081     | 5.13    | cps   |
| Phosphorus | 31-2  | 67       | 158      | 100     | 108      | 42.83   | cps   |
| Potassium  | 39-2  | 28871    | 28553    | 30165   | 29196    | 2.92    | cps   |
| Rhodium    | 103-1 | 6278674  | 6223351  | 6269789 | 6257271  | 0.47    | cps   |
| Rhodium    | 103-2 | 2853287  | 2869711  | 2858810 | 2860603  | 0.29    | cps   |
| Scandium   | 45-1  | 3565568  | 3588195  | 3571210 | 3574991  | 0.33    | cps   |
| Scandium   | 45-2  | 156600   | 156893   | 155660  | 156385   | 0.41    | cps   |
| Selenium   | 77-2  | 7        | 7        | 7       | 7        | 0.00    | cps   |
| Selenium   | 78-2  | 46       | 43       | 69      | 52       | 26.73   | cps   |
| Selenium   | 82-1  | -32      | -45      | 45      | -11      | -448.04 | cps   |
| Silicon    | 28-1  | 351681   | 352583   | 355608  | 353291   | 0.58    | cps   |
| Silver     | 109-1 | 75       | 67       | 58      | 67       | 12.49   | cps   |
| Silver     | 107-1 | 150      | 125      | 92      | 122      | 23.95   | cps   |
| Sodium     | 23-2  | 40372    | 40874    | 41458   | 40901    | 1.33    | cps   |
| Strontium  | 86-1  | 8845     | 9137     | 9228    | 9070     | 2.21    | cps   |
| Strontium  | 88-1  | 72927    | 73556    | 74494   | 73659    | 1.07    | cps   |
| Sulfur     | 34-1  | 269436   | 271488   | 271704  | 270876   | 0.46    | cps   |
| Terbium    | 159-1 | 10004601 | 10100144 | 9928078 | 10010941 | 0.86    | cps   |
| Terbium    | 159-2 | 4561089  | 4571416  | 4556134 | 4562880  | 0.17    | cps   |
| Thallium   | 203-1 | 283      | 375      | 200     | 286      | 30.59   | cps   |
| Thallium   | 205-1 | 758      | 708      | 583     | 683      | 13.19   | cps   |
| Tin        | 118-1 | 975      | 925      | 750     | 883      | 13.38   | cps   |
| Titanium   | 47-1  | 75       | 142      | 67      | 94       | 43.53   | cps   |
| Uranium    | 238-1 | 10463    | 10805    | 10521   | 10596    | 1.73    | cps   |
| Vanadium   | 51-2  | 0        | 7        | 13      | 7        | 99.98   | cps   |
| Yttrium    | 89-1  | 7104212  | 7009325  | 7041241 | 7051593  | 0.68    | cps   |
| Yttrium    | 89-2  | 992850   | 991521   | 987826  | 990732   | 0.26    | cps   |
| Zinc       | 66-2  | 122760   | 123587   | 123876  | 123408   | 0.47    | cps   |
| Zirconium  | 90-1  | 792      | 633      | 742     | 722      | 11.21   | cps   |

|                         |                     |                   |                     |
|-------------------------|---------------------|-------------------|---------------------|
| LB Number :             | LB88853             | Operator :        | Jaswal              |
| Lab Sample ID :         | I4255-02DL2X250     | Instrumnet Name : | P7                  |
| Client Sample ID :      | MH0CC1              | Dilution Factor : | 250                 |
| Date & Time Acquired :: | 2017-07-19 17:29:37 | DataFile Name :   | 077SMPL_P7071917 -M |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|-----------|------|------|------|------|---------|--------|-------|
| Zirconium | 91-1 | 158  | 192  | 208  | 186     | 13.68  | cps   |

|                         |                     |                   |                     |
|-------------------------|---------------------|-------------------|---------------------|
| LB Number :             | LB88853             | Operator :        | Jaswal              |
| Lab Sample ID :         | I4255-03DL2X250     | Instrumnet Name : | P7                  |
| Client Sample ID :      | MH0CC4              | Dilution Factor : | 250                 |
| Date & Time Acquired :: | 2017-07-19 17:33:06 | DataFile Name :   | 078SMPL_P7071917 -M |

| Parameter  | Mass  | CPS1    | CPS2    | CPS3    | CPSMean | CPSRSD | Units |
|------------|-------|---------|---------|---------|---------|--------|-------|
| Aluminium  | 27-2  | 8711    | 8728    | 8870    | 8770    | 0.99   | cps   |
| Antimony   | 121-1 | 450     | 367     | 442     | 419     | 10.94  | cps   |
| Arsenic    | 75-2  | 550     | 613     | 626     | 596     | 6.81   | cps   |
| Barium     | 135-1 | 200     | 192     | 217     | 203     | 6.28   | cps   |
| Barium     | 137-1 | 433     | 367     | 492     | 431     | 14.53  | cps   |
| Beryllium  | 9-1   | 150     | 111     | 94      | 119     | 24.05  | cps   |
| Bismuth    | 209-1 | 6692628 | 6576414 | 6630940 | 6633327 | 0.88   | cps   |
| Bismuth    | 209-2 | 3683779 | 3710582 | 3727521 | 3707294 | 0.59   | cps   |
| Boron      | 10-1  | 208     | 175     | 217     | 200     | 11.02  | cps   |
| Boron      | 11-1  | 933     | 900     | 942     | 925     | 2.38   | cps   |
| Cadmium    | 111-1 | 3521    | 3236    | 3352    | 3370    | 4.26   | cps   |
| Cadmium    | 106-1 | 2575    | 2525    | 2525    | 2542    | 1.14   | cps   |
| Cadmium    | 108-1 | 158     | 129     | 113     | 133     | 17.40  | cps   |
| Calcium    | 43-1  | 8970    | 8419    | 8936    | 8775    | 3.52   | cps   |
| Calcium    | 44-1  | 137745  | 140646  | 139949  | 139447  | 1.09   | cps   |
| Chromium   | 52-2  | 417     | 493     | 400     | 437     | 11.40  | cps   |
| Cobalt     | 59-2  | 1713    | 1633    | 1650    | 1666    | 2.53   | cps   |
| Copper     | 63-2  | 15685   | 14948   | 15345   | 15326   | 2.41   | cps   |
| Dysprosium | 156-1 | 3959    | 3976    | 4418    | 4117    | 6.32   | cps   |
| Dysprosium | 156-2 | 2024    | 2077    | 2180    | 2094    | 3.81   | cps   |
| Erbium     | 164-1 | 4159    | 4268    | 4226    | 4217    | 1.30   | cps   |
| Erbium     | 164-2 | 1920    | 1917    | 1817    | 1885    | 3.12   | cps   |
| Gadolinium | 160-1 | 4843    | 4993    | 4876    | 4904    | 1.61   | cps   |
| Gadolinium | 160-2 | 2544    | 2404    | 2427    | 2458    | 3.05   | cps   |
| Holmium    | 165-1 | 9781590 | 9657930 | 9768761 | 9736093 | 0.70   | cps   |
| Holmium    | 165-2 | 4612469 | 4651890 | 4645373 | 4636577 | 0.46   | cps   |
| Indium     | 115-1 | 7152208 | 7059404 | 7146959 | 7119524 | 0.73   | cps   |
| Indium     | 115-2 | 1340844 | 1347746 | 1357185 | 1348592 | 0.61   | cps   |
| Iron       | 56-2  | 55550   | 56040   | 56375   | 55988   | 0.74   | cps   |
| Iron       | 57-2  | 1500    | 1628    | 1428    | 1519    | 6.67   | cps   |
| Lead       | 206-1 | 4540    | 4829    | 4840    | 4736    | 3.59   | cps   |
| Lead       | 207-1 | 4062    | 4384    | 3984    | 4143    | 5.12   | cps   |
| Lead       | 208-1 | 18589   | 19573   | 18594   | 18919   | 2.99   | cps   |
| Lithium    | 6-1   | 1079136 | 1062690 | 1070381 | 1070736 | 0.77   | cps   |
| Magnesium  | 24-2  | 26249   | 26074   | 25464   | 25929   | 1.59   | cps   |
| Manganese  | 55-2  | 265150  | 265272  | 267630  | 266017  | 0.53   | cps   |

|                         |                     |                   |                     |
|-------------------------|---------------------|-------------------|---------------------|
| LB Number :             | LB88853             | Operator :        | Jaswal              |
| Lab Sample ID :         | I4255-03DL2X250     | Instrumnet Name : | P7                  |
| Client Sample ID :      | MH0CC4              | Dilution Factor : | 250                 |
| Date & Time Acquired :: | 2017-07-19 17:33:06 | DataFile Name :   | 078SMPL_P7071917 -M |

| Parameter  | Mass  | CPS1     | CPS2    | CPS3    | CPSMean  | CPSRSD  | Units |
|------------|-------|----------|---------|---------|----------|---------|-------|
| Molybdenum | 94-1  | 350      | 192     | 258     | 267      | 29.81   | cps   |
| Molybdenum | 95-1  | 42       | 67      | 67      | 58       | 24.74   | cps   |
| Molybdenum | 96-1  | 108      | 150     | 150     | 136      | 17.67   | cps   |
| Molybdenum | 97-1  | 17       | 58      | 50      | 42       | 52.91   | cps   |
| Molybdenum | 98-1  | 83       | 33      | 67      | 61       | 41.67   | cps   |
| Neodymium  | 150-1 | 6462     | 6408    | 6468    | 6446     | 0.51    | cps   |
| Neodymium  | 150-2 | 2277     | 2204    | 2360    | 2280     | 3.44    | cps   |
| Nickel     | 60-2  | 600      | 637     | 660     | 632      | 4.78    | cps   |
| Phosphorus | 31-2  | 100      | 83      | 167     | 117      | 37.80   | cps   |
| Potassium  | 39-2  | 27293    | 26374   | 27426   | 27031    | 2.12    | cps   |
| Rhodium    | 103-1 | 6291678  | 6182025 | 6229691 | 6234465  | 0.88    | cps   |
| Rhodium    | 103-2 | 2844151  | 2856756 | 2862517 | 2854475  | 0.33    | cps   |
| Scandium   | 45-1  | 3590805  | 3480734 | 3577666 | 3549735  | 1.69    | cps   |
| Scandium   | 45-2  | 157170   | 157149  | 157823  | 157381   | 0.24    | cps   |
| Selenium   | 77-2  | 17       | 10      | 3       | 10       | 66.70   | cps   |
| Selenium   | 78-2  | 59       | 74      | 50      | 61       | 19.88   | cps   |
| Selenium   | 82-1  | -37      | -77     | 37      | -26      | -227.22 | cps   |
| Silicon    | 28-1  | 393308   | 390175  | 389737  | 391073   | 0.50    | cps   |
| Silver     | 109-1 | 25       | 92      | 75      | 64       | 54.31   | cps   |
| Silver     | 107-1 | 125      | 158     | 75      | 119      | 35.12   | cps   |
| Sodium     | 23-2  | 24020    | 22851   | 24846   | 23906    | 4.19    | cps   |
| Strontium  | 86-1  | 3926     | 3801    | 4109    | 3945     | 3.93    | cps   |
| Strontium  | 88-1  | 28788    | 28471   | 27627   | 28295    | 2.12    | cps   |
| Sulfur     | 34-1  | 250670   | 252802  | 250253  | 251242   | 0.54    | cps   |
| Terbium    | 159-1 | 10174406 | 9892088 | 9999507 | 10022000 | 1.42    | cps   |
| Terbium    | 159-2 | 4528965  | 4569014 | 4557583 | 4551854  | 0.45    | cps   |
| Thallium   | 203-1 | 267      | 392     | 375     | 344      | 19.70   | cps   |
| Thallium   | 205-1 | 675      | 725     | 667     | 689      | 4.58    | cps   |
| Tin        | 118-1 | 975      | 975     | 1025    | 992      | 2.91    | cps   |
| Titanium   | 47-1  | 133      | 117     | 117     | 122      | 7.87    | cps   |
| Uranium    | 238-1 | 10521    | 10371   | 10738   | 10544    | 1.75    | cps   |
| Vanadium   | 51-2  | 17       | 0       | 7       | 8        | 107.84  | cps   |
| Yttrium    | 89-1  | 7004662  | 6928317 | 7046168 | 6993049  | 0.85    | cps   |
| Yttrium    | 89-2  | 990966   | 985730  | 990225  | 988974   | 0.29    | cps   |
| Zinc       | 66-2  | 40784    | 40336   | 40302   | 40474    | 0.66    | cps   |
| Zirconium  | 90-1  | 700      | 750     | 908     | 786      | 13.84   | cps   |

|                         |                     |                   |                     |
|-------------------------|---------------------|-------------------|---------------------|
| LB Number :             | LB88853             | Operator :        | Jaswal              |
| Lab Sample ID :         | I4255-03DL2X250     | Instrumnet Name : | P7                  |
| Client Sample ID :      | MH0CC4              | Dilution Factor : | 250                 |
| Date & Time Acquired :: | 2017-07-19 17:33:06 | DataFile Name :   | 078SMPL_P7071917 -M |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|-----------|------|------|------|------|---------|--------|-------|
| Zirconium | 91-1 | 242  | 208  | 192  | 214     | 11.90  | cps   |

|                         |                     |                   |                     |
|-------------------------|---------------------|-------------------|---------------------|
| LB Number :             | LB88853             | Operator :        | Jaswal              |
| Lab Sample ID :         | I4255-04DL2X250     | Instrumnet Name : | P7                  |
| Client Sample ID :      | MH0CC4D             | Dilution Factor : | 250                 |
| Date & Time Acquired :: | 2017-07-19 17:36:35 | DataFile Name :   | 079SMPL_P7071917 -M |

| Parameter  | Mass  | CPS1    | CPS2    | CPS3    | CPSMean | CPSRSD | Units |
|------------|-------|---------|---------|---------|---------|--------|-------|
| Aluminium  | 27-2  | 9028    | 8778    | 8461    | 8756    | 3.25   | cps   |
| Antimony   | 121-1 | 267     | 283     | 367     | 306     | 17.53  | cps   |
| Arsenic    | 75-2  | 654     | 585     | 582     | 607     | 6.70   | cps   |
| Barium     | 135-1 | 258     | 200     | 200     | 219     | 15.35  | cps   |
| Barium     | 137-1 | 383     | 292     | 267     | 314     | 19.57  | cps   |
| Beryllium  | 9-1   | 117     | 189     | 133     | 146     | 25.85  | cps   |
| Bismuth    | 209-1 | 6627041 | 6671651 | 6591510 | 6630067 | 0.61   | cps   |
| Bismuth    | 209-2 | 3686731 | 3680816 | 3777967 | 3715171 | 1.47   | cps   |
| Boron      | 10-1  | 183     | 142     | 175     | 167     | 13.23  | cps   |
| Boron      | 11-1  | 950     | 742     | 975     | 889     | 14.41  | cps   |
| Cadmium    | 111-1 | 3412    | 3213    | 3343    | 3323    | 3.05   | cps   |
| Cadmium    | 106-1 | 2692    | 2550    | 2484    | 2575    | 4.13   | cps   |
| Cadmium    | 108-1 | 163     | 133     | 113     | 136     | 18.45  | cps   |
| Calcium    | 43-1  | 8453    | 9103    | 8286    | 8614    | 5.01   | cps   |
| Calcium    | 44-1  | 139629  | 140377  | 137929  | 139311  | 0.90   | cps   |
| Chromium   | 52-2  | 477     | 367     | 420     | 421     | 13.06  | cps   |
| Cobalt     | 59-2  | 1587    | 1637    | 1680    | 1635    | 2.86   | cps   |
| Copper     | 63-2  | 15385   | 15462   | 15228   | 15358   | 0.78   | cps   |
| Dysprosium | 156-1 | 3876    | 4301    | 3884    | 4020    | 6.05   | cps   |
| Dysprosium | 156-2 | 2224    | 2104    | 2147    | 2158    | 2.82   | cps   |
| Erbium     | 164-1 | 4117    | 3926    | 4268    | 4104    | 4.17   | cps   |
| Erbium     | 164-2 | 1924    | 1880    | 1773    | 1859    | 4.15   | cps   |
| Gadolinium | 160-1 | 5093    | 4676    | 4651    | 4807    | 5.16   | cps   |
| Gadolinium | 160-2 | 2507    | 2474    | 2544    | 2508    | 1.40   | cps   |
| Holmium    | 165-1 | 9814686 | 9754567 | 9683072 | 9750775 | 0.68   | cps   |
| Holmium    | 165-2 | 4596781 | 4584765 | 4690981 | 4624176 | 1.26   | cps   |
| Indium     | 115-1 | 7207141 | 7101902 | 7144176 | 7151073 | 0.74   | cps   |
| Indium     | 115-2 | 1338830 | 1339031 | 1361511 | 1346457 | 0.97   | cps   |
| Iron       | 56-2  | 55126   | 55901   | 56325   | 55784   | 1.09   | cps   |
| Iron       | 57-2  | 1689    | 1622    | 1561    | 1624    | 3.94   | cps   |
| Lead       | 206-1 | 4584    | 4695    | 4784    | 4688    | 2.14   | cps   |
| Lead       | 207-1 | 4217    | 3990    | 4151    | 4119    | 2.84   | cps   |
| Lead       | 208-1 | 18850   | 18645   | 19028   | 18841   | 1.02   | cps   |
| Lithium    | 6-1   | 1068083 | 1068227 | 1067075 | 1067795 | 0.06   | cps   |
| Magnesium  | 24-2  | 26216   | 25539   | 25598   | 25784   | 1.45   | cps   |
| Manganese  | 55-2  | 269945  | 271262  | 268943  | 270050  | 0.43   | cps   |

|                         |                     |                   |                     |
|-------------------------|---------------------|-------------------|---------------------|
| LB Number :             | LB88853             | Operator :        | Jaswal              |
| Lab Sample ID :         | I4255-04DL2X250     | Instrumnet Name : | P7                  |
| Client Sample ID :      | MH0CC4D             | Dilution Factor : | 250                 |
| Date & Time Acquired :: | 2017-07-19 17:36:35 | DataFile Name :   | 079SMPL_P7071917 -M |

| Parameter  | Mass  | CPS1    | CPS2    | CPS3    | CPSMean | CPSRSD | Units |
|------------|-------|---------|---------|---------|---------|--------|-------|
| Molybdenum | 94-1  | 267     | 283     | 242     | 264     | 7.95   | cps   |
| Molybdenum | 95-1  | 83      | 58      | 67      | 69      | 18.33  | cps   |
| Molybdenum | 96-1  | 58      | 117     | 83      | 86      | 33.98  | cps   |
| Molybdenum | 97-1  | 33      | 33      | 50      | 39      | 24.75  | cps   |
| Molybdenum | 98-1  | 25      | 58      | 33      | 39      | 44.62  | cps   |
| Neodymium  | 150-1 | 6422    | 6088    | 6622    | 6377    | 4.23   | cps   |
| Neodymium  | 150-2 | 2287    | 2270    | 2280    | 2279    | 0.37   | cps   |
| Nickel     | 60-2  | 660     | 617     | 627     | 634     | 3.58   | cps   |
| Phosphorus | 31-2  | 67      | 108     | 42      | 72      | 46.63  | cps   |
| Potassium  | 39-2  | 26942   | 27042   | 27167   | 27050   | 0.42   | cps   |
| Rhodium    | 103-1 | 6202208 | 6223224 | 6206700 | 6210711 | 0.18   | cps   |
| Rhodium    | 103-2 | 2826691 | 2820392 | 2888109 | 2845064 | 1.31   | cps   |
| Scandium   | 45-1  | 3582093 | 3521836 | 3543686 | 3549205 | 0.86   | cps   |
| Scandium   | 45-2  | 155768  | 156769  | 160252  | 157596  | 1.49   | cps   |
| Selenium   | 77-2  | 10      | 0       | 10      | 7       | 86.60  | cps   |
| Selenium   | 78-2  | 57      | 35      | 69      | 54      | 31.60  | cps   |
| Selenium   | 82-1  | -39     | 34      | 27      | 7       | 551.74 | cps   |
| Silicon    | 28-1  | 394681  | 386863  | 389302  | 390282  | 1.02   | cps   |
| Silver     | 109-1 | 75      | 100     | 92      | 89      | 14.32  | cps   |
| Silver     | 107-1 | 125     | 58      | 100     | 94      | 35.66  | cps   |
| Sodium     | 23-2  | 23603   | 23745   | 22626   | 23325   | 2.61   | cps   |
| Strontium  | 86-1  | 4067    | 3526    | 3951    | 3848    | 7.41   | cps   |
| Strontium  | 88-1  | 28688   | 28679   | 28696   | 28688   | 0.03   | cps   |
| Sulfur     | 34-1  | 252700  | 252913  | 247211  | 250941  | 1.29   | cps   |
| Terbium    | 159-1 | 9928773 | 9972801 | 9904129 | 9935234 | 0.35   | cps   |
| Terbium    | 159-2 | 4517031 | 4545003 | 4630293 | 4564109 | 1.29   | cps   |
| Thallium   | 203-1 | 342     | 325     | 383     | 350     | 8.59   | cps   |
| Thallium   | 205-1 | 733     | 650     | 625     | 669     | 8.47   | cps   |
| Tin        | 118-1 | 1017    | 733     | 675     | 808     | 22.61  | cps   |
| Titanium   | 47-1  | 108     | 117     | 125     | 117     | 7.14   | cps   |
| Uranium    | 238-1 | 10596   | 11013   | 10788   | 10799   | 1.93   | cps   |
| Vanadium   | 51-2  | 7       | 13      | 0       | 7       | 99.98  | cps   |
| Yttrium    | 89-1  | 7044925 | 6980344 | 7021012 | 7015427 | 0.47   | cps   |
| Yttrium    | 89-2  | 977004  | 985850  | 1001650 | 988168  | 1.26   | cps   |
| Zinc       | 66-2  | 40911   | 41048   | 40162   | 40707   | 1.17   | cps   |
| Zirconium  | 90-1  | 667     | 542     | 550     | 586     | 11.92  | cps   |

|                         |                     |                   |                     |
|-------------------------|---------------------|-------------------|---------------------|
| LB Number :             | LB88853             | Operator :        | Jaswal              |
| Lab Sample ID :         | I4255-04DL2X250     | Instrumnet Name : | P7                  |
| Client Sample ID :      | MH0CC4D             | Dilution Factor : | 250                 |
| Date & Time Acquired :: | 2017-07-19 17:36:35 | DataFile Name :   | 079SMPL_P7071917 -M |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|-----------|------|------|------|------|---------|--------|-------|
| Zirconium | 91-1 | 150  | 133  | 125  | 136     | 9.35   | cps   |



|                         |                     |                   |                     |
|-------------------------|---------------------|-------------------|---------------------|
| LB Number :             | LB88853             | Operator :        | Jaswal              |
| Lab Sample ID :         | I4255-03LDL2X1250   | Instrumnet Name : | P7                  |
| Client Sample ID :      | MH0CC4L             | Dilution Factor : | 1250                |
| Date & Time Acquired :: | 2017-07-19 17:40:04 | DataFile Name :   | 080SMPL_P7071917 -M |

| Parameter  | Mass  | CPS1    | CPS2    | CPS3    | CPSMean | CPSRSD | Units |
|------------|-------|---------|---------|---------|---------|--------|-------|
| Aluminium  | 27-2  | 1709    | 1583    | 1834    | 1709    | 7.32   | cps   |
| Antimony   | 121-1 | 283     | 192     | 267     | 247     | 19.75  | cps   |
| Arsenic    | 75-2  | 126     | 122     | 69      | 106     | 30.44  | cps   |
| Barium     | 135-1 | 125     | 92      | 117     | 111     | 15.61  | cps   |
| Barium     | 137-1 | 167     | 208     | 217     | 197     | 13.59  | cps   |
| Beryllium  | 9-1   | 72      | 67      | 94      | 78      | 18.90  | cps   |
| Bismuth    | 209-1 | 6516884 | 6708355 | 6666605 | 6630615 | 1.52   | cps   |
| Bismuth    | 209-2 | 3572934 | 3638545 | 3381349 | 3530943 | 3.78   | cps   |
| Boron      | 10-1  | 150     | 192     | 167     | 169     | 12.38  | cps   |
| Boron      | 11-1  | 850     | 992     | 783     | 875     | 12.16  | cps   |
| Cadmium    | 111-1 | 2125    | 2106    | 1953    | 2061    | 4.59   | cps   |
| Cadmium    | 106-1 | 2567    | 2625    | 2300    | 2498    | 6.94   | cps   |
| Cadmium    | 108-1 | 25      | 33      | 17      | 25      | 33.32  | cps   |
| Calcium    | 43-1  | 1984    | 2117    | 2242    | 2114    | 6.11   | cps   |
| Calcium    | 44-1  | 33105   | 32838   | 32036   | 32659   | 1.70   | cps   |
| Chromium   | 52-2  | 357     | 393     | 440     | 397     | 10.53  | cps   |
| Cobalt     | 59-2  | 407     | 383     | 407     | 399     | 3.38   | cps   |
| Copper     | 63-2  | 3574    | 3624    | 3377    | 3525    | 3.70   | cps   |
| Dysprosium | 156-1 | 975     | 742     | 892     | 870     | 13.60  | cps   |
| Dysprosium | 156-2 | 423     | 460     | 407     | 430     | 6.35   | cps   |
| Erbium     | 164-1 | 750     | 767     | 867     | 795     | 7.94   | cps   |
| Erbium     | 164-2 | 370     | 427     | 360     | 386     | 9.33   | cps   |
| Gadolinium | 160-1 | 983     | 975     | 1050    | 1003    | 4.10   | cps   |
| Gadolinium | 160-2 | 520     | 560     | 613     | 564     | 8.30   | cps   |
| Holmium    | 165-1 | 9563275 | 9759103 | 9716427 | 9679602 | 1.06   | cps   |
| Holmium    | 165-2 | 4444685 | 4505263 | 4249503 | 4399817 | 3.04   | cps   |
| Indium     | 115-1 | 7007638 | 7239370 | 7178121 | 7141710 | 1.68   | cps   |
| Indium     | 115-2 | 1296712 | 1309174 | 1233815 | 1279900 | 3.16   | cps   |
| Iron       | 56-2  | 14758   | 14051   | 13657   | 14155   | 3.94   | cps   |
| Iron       | 57-2  | 450     | 461     | 444     | 452     | 1.88   | cps   |
| Lead       | 206-1 | 1795    | 1772    | 1778    | 1782    | 0.65   | cps   |
| Lead       | 207-1 | 1556    | 1433    | 1422    | 1471    | 5.03   | cps   |
| Lead       | 208-1 | 7123    | 6801    | 6534    | 6819    | 4.33   | cps   |
| Lithium    | 6-1   | 1051448 | 1066580 | 1063039 | 1060356 | 0.75   | cps   |
| Magnesium  | 24-2  | 6335    | 5951    | 6001    | 6096    | 3.42   | cps   |
| Manganese  | 55-2  | 51470   | 51751   | 50008   | 51076   | 1.83   | cps   |

|                         |                     |                   |                     |
|-------------------------|---------------------|-------------------|---------------------|
| LB Number :             | LB88853             | Operator :        | Jaswal              |
| Lab Sample ID :         | I4255-03LDL2X1250   | Instrumnet Name : | P7                  |
| Client Sample ID :      | MH0CC4L             | Dilution Factor : | 1250                |
| Date & Time Acquired :: | 2017-07-19 17:40:04 | DataFile Name :   | 080SMPL_P7071917 -M |

| Parameter  | Mass  | CPS1    | CPS2     | CPS3    | CPSMean | CPSRSD | Units |
|------------|-------|---------|----------|---------|---------|--------|-------|
| Molybdenum | 94-1  | 275     | 200      | 167     | 214     | 25.94  | cps   |
| Molybdenum | 95-1  | 50      | 50       | 25      | 42      | 34.64  | cps   |
| Molybdenum | 96-1  | 92      | 133      | 100     | 108     | 20.35  | cps   |
| Molybdenum | 97-1  | 50      | 25       | 42      | 39      | 32.73  | cps   |
| Molybdenum | 98-1  | 42      | 25       | 75      | 47      | 53.91  | cps   |
| Neodymium  | 150-1 | 1193    | 1120     | 1187    | 1167    | 3.48   | cps   |
| Neodymium  | 150-2 | 400     | 403      | 413     | 406     | 1.71   | cps   |
| Nickel     | 60-2  | 380     | 423      | 340     | 381     | 10.94  | cps   |
| Phosphorus | 31-2  | 67      | 83       | 142     | 97      | 40.50  | cps   |
| Potassium  | 39-2  | 24555   | 25031    | 24530   | 24705   | 1.14   | cps   |
| Rhodium    | 103-1 | 6232637 | 6315000  | 6213450 | 6253696 | 0.86   | cps   |
| Rhodium    | 103-2 | 2755696 | 2793057  | 2617185 | 2721979 | 3.40   | cps   |
| Scandium   | 45-1  | 3444285 | 3566602  | 3598784 | 3536557 | 2.30   | cps   |
| Scandium   | 45-2  | 154368  | 152509   | 143446  | 150108  | 3.89   | cps   |
| Selenium   | 77-2  | 3       | 0        | 0       | 1       | 173.21 | cps   |
| Selenium   | 78-2  | 57      | 41       | 59      | 52      | 19.44  | cps   |
| Selenium   | 82-1  | 43      | -8       | 31      | 22      | 121.23 | cps   |
| Silicon    | 28-1  | 263238  | 260661   | 259972  | 261290  | 0.66   | cps   |
| Silver     | 109-1 | 92      | 92       | 58      | 81      | 23.89  | cps   |
| Silver     | 107-1 | 108     | 208      | 50      | 122     | 65.52  | cps   |
| Sodium     | 23-2  | 12356   | 12406    | 12539   | 12433   | 0.76   | cps   |
| Strontium  | 86-1  | 1575    | 1417     | 1350    | 1447    | 7.99   | cps   |
| Strontium  | 88-1  | 5785    | 5751     | 5735    | 5757    | 0.44   | cps   |
| Sulfur     | 34-1  | 225895  | 228190   | 225126  | 226404  | 0.70   | cps   |
| Terbium    | 159-1 | 9833185 | 10184969 | 9872726 | 9963627 | 1.93   | cps   |
| Terbium    | 159-2 | 4395133 | 4447558  | 4195144 | 4345945 | 3.06   | cps   |
| Thallium   | 203-1 | 292     | 425      | 392     | 369     | 18.78  | cps   |
| Thallium   | 205-1 | 625     | 700      | 800     | 708     | 12.40  | cps   |
| Tin        | 118-1 | 875     | 942      | 958     | 925     | 4.77   | cps   |
| Titanium   | 47-1  | 75      | 150      | 158     | 128     | 35.92  | cps   |
| Uranium    | 238-1 | 2234    | 1925     | 2159    | 2106    | 7.64   | cps   |
| Vanadium   | 51-2  | 3       | 13       | 3       | 7       | 86.65  | cps   |
| Yttrium    | 89-1  | 6892612 | 7039895  | 6940077 | 6957528 | 1.08   | cps   |
| Yttrium    | 89-2  | 949817  | 963568   | 903108  | 938831  | 3.38   | cps   |
| Zinc       | 66-2  | 7892    | 8022     | 7699    | 7871    | 2.07   | cps   |
| Zirconium  | 90-1  | 600     | 600      | 583     | 594     | 1.62   | cps   |

|                         |                     |                   |                     |
|-------------------------|---------------------|-------------------|---------------------|
| LB Number :             | LB88853             | Operator :        | Jaswal              |
| Lab Sample ID :         | I4255-03LDL2X1250   | Instrumnet Name : | P7                  |
| Client Sample ID :      | MH0CC4L             | Dilution Factor : | 1250                |
| Date & Time Acquired :: | 2017-07-19 17:40:04 | DataFile Name :   | 080SMPL_P7071917 -M |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|-----------|------|------|------|------|---------|--------|-------|
| Zirconium | 91-1 | 117  | 100  | 167  | 128     | 27.15  | cps   |

|                         |                     |                   |                     |
|-------------------------|---------------------|-------------------|---------------------|
| LB Number :             | LB88853             | Operator :        | Jaswal              |
| Lab Sample ID :         | I4255-05DL2X250     | Instrumnet Name : | P7                  |
| Client Sample ID :      | MH0CC4S             | Dilution Factor : | 250                 |
| Date & Time Acquired :: | 2017-07-19 17:43:32 | DataFile Name :   | 081SMPL_P7071917 -M |

| Parameter  | Mass  | CPS1    | CPS2    | CPS3    | CPSMean | CPSRSD | Units |
|------------|-------|---------|---------|---------|---------|--------|-------|
| Aluminium  | 27-2  | 9437    | 9211    | 9462    | 9370    | 1.47   | cps   |
| Antimony   | 121-1 | 3726    | 3759    | 3601    | 3695    | 2.26   | cps   |
| Arsenic    | 75-2  | 574     | 678     | 589     | 614     | 9.14   | cps   |
| Barium     | 135-1 | 16569   | 16727   | 17019   | 16772   | 1.36   | cps   |
| Barium     | 137-1 | 29399   | 29783   | 28990   | 29390   | 1.35   | cps   |
| Beryllium  | 9-1   | 361     | 339     | 283     | 328     | 12.22  | cps   |
| Bismuth    | 209-1 | 6623801 | 6600903 | 6612747 | 6612484 | 0.17   | cps   |
| Bismuth    | 209-2 | 3638764 | 3732491 | 3656142 | 3675799 | 1.36   | cps   |
| Boron      | 10-1  | 142     | 92      | 133     | 122     | 21.92  | cps   |
| Boron      | 11-1  | 800     | 725     | 650     | 725     | 10.34  | cps   |
| Cadmium    | 111-1 | 3625    | 4104    | 4001    | 3910    | 6.44   | cps   |
| Cadmium    | 106-1 | 2400    | 2634    | 2842    | 2625    | 8.42   | cps   |
| Cadmium    | 108-1 | 108     | 104     | 133     | 115     | 13.68  | cps   |
| Calcium    | 43-1  | 8811    | 8603    | 8686    | 8700    | 1.21   | cps   |
| Calcium    | 44-1  | 144390  | 143338  | 144457  | 144062  | 0.44   | cps   |
| Chromium   | 52-2  | 2014    | 1984    | 2017    | 2005    | 0.92   | cps   |
| Cobalt     | 59-2  | 8172    | 8196    | 8049    | 8139    | 0.97   | cps   |
| Copper     | 63-2  | 17774   | 17928   | 18232   | 17978   | 1.29   | cps   |
| Dysprosium | 156-1 | 4176    | 4584    | 4251    | 4337    | 5.01   | cps   |
| Dysprosium | 156-2 | 2037    | 2067    | 2224    | 2109    | 4.75   | cps   |
| Erbium     | 164-1 | 4493    | 4159    | 4059    | 4237    | 5.36   | cps   |
| Erbium     | 164-2 | 1997    | 1967    | 1974    | 1979    | 0.80   | cps   |
| Gadolinium | 160-1 | 4693    | 4959    | 4793    | 4815    | 2.80   | cps   |
| Gadolinium | 160-2 | 2597    | 2460    | 2434    | 2497    | 3.51   | cps   |
| Holmium    | 165-1 | 9773405 | 9721356 | 9672865 | 9722542 | 0.52   | cps   |
| Holmium    | 165-2 | 4557931 | 4690905 | 4566153 | 4604996 | 1.62   | cps   |
| Indium     | 115-1 | 7053728 | 7060389 | 7119449 | 7077856 | 0.51   | cps   |
| Indium     | 115-2 | 1331564 | 1357466 | 1330238 | 1339756 | 1.15   | cps   |
| Iron       | 56-2  | 63855   | 64173   | 64346   | 64125   | 0.39   | cps   |
| Iron       | 57-2  | 1733    | 1850    | 1822    | 1802    | 3.38   | cps   |
| Lead       | 206-1 | 5496    | 5590    | 5396    | 5494    | 1.77   | cps   |
| Lead       | 207-1 | 4579    | 4562    | 4540    | 4560    | 0.43   | cps   |
| Lead       | 208-1 | 21229   | 21446   | 21085   | 21254   | 0.86   | cps   |
| Lithium    | 6-1   | 1064507 | 1061080 | 1062871 | 1062819 | 0.16   | cps   |
| Magnesium  | 24-2  | 25598   | 26758   | 26015   | 26123   | 2.25   | cps   |
| Manganese  | 55-2  | 278022  | 278847  | 277592  | 278153  | 0.23   | cps   |

|                         |                     |                   |                     |
|-------------------------|---------------------|-------------------|---------------------|
| LB Number :             | LB88853             | Operator :        | Jaswal              |
| Lab Sample ID :         | I4255-05DL2X250     | Instrumnet Name : | P7                  |
| Client Sample ID :      | MH0CC4S             | Dilution Factor : | 250                 |
| Date & Time Acquired :: | 2017-07-19 17:43:32 | DataFile Name :   | 081SMPL_P7071917 -M |

| Parameter  | Mass  | CPS1    | CPS2    | CPS3     | CPSMean | CPSRSD | Units |
|------------|-------|---------|---------|----------|---------|--------|-------|
| Molybdenum | 94-1  | 167     | 375     | 308      | 283     | 37.55  | cps   |
| Molybdenum | 95-1  | 42      | 17      | 33       | 31      | 41.66  | cps   |
| Molybdenum | 96-1  | 108     | 108     | 100      | 106     | 4.56   | cps   |
| Molybdenum | 97-1  | 58      | 17      | 25       | 33      | 66.14  | cps   |
| Molybdenum | 98-1  | 67      | 42      | 67       | 58      | 24.74  | cps   |
| Neodymium  | 150-1 | 6122    | 6775    | 6342     | 6413    | 5.19   | cps   |
| Neodymium  | 150-2 | 2364    | 2414    | 2624     | 2467    | 5.59   | cps   |
| Nickel     | 60-2  | 2420    | 2287    | 2344     | 2350    | 2.85   | cps   |
| Phosphorus | 31-2  | 83      | 58      | 92       | 78      | 22.30  | cps   |
| Potassium  | 39-2  | 26725   | 26424   | 26733    | 26628   | 0.66   | cps   |
| Rhodium    | 103-1 | 6188978 | 6223145 | 6191662  | 6201262 | 0.31   | cps   |
| Rhodium    | 103-2 | 2813729 | 2878952 | 2814662  | 2835781 | 1.32   | cps   |
| Scandium   | 45-1  | 3488303 | 3555125 | 3554658  | 3532695 | 1.09   | cps   |
| Scandium   | 45-2  | 154425  | 159629  | 151179   | 155078  | 2.75   | cps   |
| Selenium   | 77-2  | 0       | 20      | 13       | 11      | 91.66  | cps   |
| Selenium   | 78-2  | 81      | 57      | 69       | 69      | 17.42  | cps   |
| Selenium   | 82-1  | 153     | 64      | -28      | 63      | 144.03 | cps   |
| Silicon    | 28-1  | 393390  | 391759  | 390442   | 391864  | 0.38   | cps   |
| Silver     | 109-1 | 1917    | 1709    | 1925     | 1850    | 6.64   | cps   |
| Silver     | 107-1 | 1717    | 1584    | 1809     | 1703    | 6.64   | cps   |
| Sodium     | 23-2  | 23419   | 24154   | 24120    | 23898   | 1.74   | cps   |
| Strontium  | 86-1  | 3759    | 3817    | 3934     | 3837    | 2.32   | cps   |
| Strontium  | 88-1  | 29214   | 28529   | 27962    | 28568   | 2.20   | cps   |
| Sulfur     | 34-1  | 253801  | 250979  | 251439   | 252073  | 0.60   | cps   |
| Terbium    | 159-1 | 9923711 | 9909377 | 10052411 | 9961833 | 0.79   | cps   |
| Terbium    | 159-2 | 4503823 | 4605796 | 4498686  | 4536102 | 1.33   | cps   |
| Thallium   | 203-1 | 2175    | 1842    | 1925     | 1981    | 8.76   | cps   |
| Thallium   | 205-1 | 5093    | 4784    | 4759     | 4879    | 3.81   | cps   |
| Tin        | 118-1 | 908     | 708     | 775      | 797     | 12.77  | cps   |
| Titanium   | 47-1  | 150     | 117     | 33       | 100     | 60.09  | cps   |
| Uranium    | 238-1 | 11164   | 10496   | 10972    | 10877   | 3.16   | cps   |
| Vanadium   | 51-2  | 3284    | 3224    | 3167     | 3225    | 1.81   | cps   |
| Yttrium    | 89-1  | 6996048 | 7010128 | 7019322  | 7008499 | 0.17   | cps   |
| Yttrium    | 89-2  | 973819  | 1000577 | 975360   | 983252  | 1.53   | cps   |
| Zinc       | 66-2  | 42963   | 41439   | 43204    | 42535   | 2.25   | cps   |
| Zirconium  | 90-1  | 700     | 658     | 642      | 667     | 4.51   | cps   |

|                         |                     |                   |                     |
|-------------------------|---------------------|-------------------|---------------------|
| LB Number :             | LB88853             | Operator :        | Jaswal              |
| Lab Sample ID :         | I4255-05DL2X250     | Instrumnet Name : | P7                  |
| Client Sample ID :      | MH0CC4S             | Dilution Factor : | 250                 |
| Date & Time Acquired :: | 2017-07-19 17:43:32 | DataFile Name :   | 081SMPL_P7071917 -M |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|-----------|------|------|------|------|---------|--------|-------|
| Zirconium | 91-1 | 200  | 183  | 150  | 178     | 14.32  | cps   |

|                         |                     |                   |                     |
|-------------------------|---------------------|-------------------|---------------------|
| LB Number :             | LB88853             | Operator :        | Jaswal              |
| Lab Sample ID :         | I4255-06DL2X250     | Instrumnet Name : | P7                  |
| Client Sample ID :      | MH0CC6              | Dilution Factor : | 250                 |
| Date & Time Acquired :: | 2017-07-19 17:47:01 | DataFile Name :   | 082SMPL_P7071917 -M |

| Parameter  | Mass  | CPS1    | CPS2    | CPS3    | CPSMean | CPSRSD | Units |
|------------|-------|---------|---------|---------|---------|--------|-------|
| Aluminium  | 27-2  | 9045    | 8928    | 8645    | 8872    | 2.32   | cps   |
| Antimony   | 121-1 | 500     | 500     | 533     | 511     | 3.77   | cps   |
| Arsenic    | 75-2  | 2804    | 2648    | 2726    | 2726    | 2.85   | cps   |
| Barium     | 135-1 | 750     | 908     | 717     | 792     | 12.94  | cps   |
| Barium     | 137-1 | 1600    | 1634    | 1600    | 1611    | 1.19   | cps   |
| Beryllium  | 9-1   | 150     | 117     | 150     | 139     | 13.85  | cps   |
| Bismuth    | 209-1 | 6690295 | 6650702 | 6526017 | 6622338 | 1.29   | cps   |
| Bismuth    | 209-2 | 3754929 | 3736378 | 3731942 | 3741083 | 0.33   | cps   |
| Boron      | 10-1  | 175     | 158     | 200     | 178     | 11.80  | cps   |
| Boron      | 11-1  | 700     | 883     | 700     | 761     | 13.91  | cps   |
| Cadmium    | 111-1 | 8545    | 8176    | 8412    | 8378    | 2.23   | cps   |
| Cadmium    | 106-1 | 3050    | 2975    | 2992    | 3006    | 1.31   | cps   |
| Cadmium    | 108-1 | 442     | 458     | 471     | 457     | 3.20   | cps   |
| Calcium    | 43-1  | 35919   | 34324   | 36354   | 35533   | 3.01   | cps   |
| Calcium    | 44-1  | 578322  | 573672  | 575440  | 575811  | 0.41   | cps   |
| Chromium   | 52-2  | 500     | 520     | 477     | 499     | 4.35   | cps   |
| Cobalt     | 59-2  | 18425   | 18682   | 18489   | 18532   | 0.72   | cps   |
| Copper     | 63-2  | 55759   | 56412   | 55013   | 55728   | 1.26   | cps   |
| Dysprosium | 156-1 | 5626    | 5676    | 5560    | 5621    | 1.04   | cps   |
| Dysprosium | 156-2 | 2784    | 2620    | 2670    | 2691    | 3.11   | cps   |
| Erbium     | 164-1 | 5593    | 5151    | 5718    | 5487    | 5.43   | cps   |
| Erbium     | 164-2 | 2430    | 2590    | 2630    | 2550    | 4.15   | cps   |
| Gadolinium | 160-1 | 6027    | 5768    | 6168    | 5988    | 3.39   | cps   |
| Gadolinium | 160-2 | 3207    | 3057    | 3100    | 3122    | 2.47   | cps   |
| Holmium    | 165-1 | 9919612 | 9871132 | 9709928 | 9833558 | 1.12   | cps   |
| Holmium    | 165-2 | 4686585 | 4675900 | 4651989 | 4671492 | 0.38   | cps   |
| Indium     | 115-1 | 7162762 | 7211408 | 7045336 | 7139836 | 1.20   | cps   |
| Indium     | 115-2 | 1363016 | 1350846 | 1355079 | 1356314 | 0.46   | cps   |
| Iron       | 56-2  | 1059381 | 1062545 | 1059954 | 1060627 | 0.16   | cps   |
| Iron       | 57-2  | 26458   | 26736   | 27309   | 26834   | 1.62   | cps   |
| Lead       | 206-1 | 15398   | 15554   | 15760   | 15571   | 1.16   | cps   |
| Lead       | 207-1 | 13563   | 12868   | 13396   | 13276   | 2.73   | cps   |
| Lead       | 208-1 | 62565   | 61937   | 62882   | 62461   | 0.77   | cps   |
| Lithium    | 6-1   | 1075965 | 1068331 | 1062773 | 1069023 | 0.62   | cps   |
| Magnesium  | 24-2  | 98280   | 99370   | 98725   | 98791   | 0.55   | cps   |
| Manganese  | 55-2  | 1017682 | 1023798 | 1026173 | 1022551 | 0.43   | cps   |

|                         |                     |                   |                     |
|-------------------------|---------------------|-------------------|---------------------|
| LB Number :             | LB88853             | Operator :        | Jaswal              |
| Lab Sample ID :         | I4255-06DL2X250     | Instrumnet Name : | P7                  |
| Client Sample ID :      | MH0CC6              | Dilution Factor : | 250                 |
| Date & Time Acquired :: | 2017-07-19 17:47:01 | DataFile Name :   | 082SMPL_P7071917 -M |

| Parameter  | Mass  | CPS1     | CPS2    | CPS3    | CPSMean | CPSRSD  | Units |
|------------|-------|----------|---------|---------|---------|---------|-------|
| Molybdenum | 94-1  | 325      | 283     | 367     | 325     | 12.82   | cps   |
| Molybdenum | 95-1  | 92       | 75      | 142     | 103     | 33.76   | cps   |
| Molybdenum | 96-1  | 108      | 108     | 142     | 119     | 16.11   | cps   |
| Molybdenum | 97-1  | 50       | 17      | 83      | 50      | 66.67   | cps   |
| Molybdenum | 98-1  | 108      | 67      | 133     | 103     | 32.77   | cps   |
| Neodymium  | 150-1 | 7222     | 7336    | 7469    | 7342    | 1.68    | cps   |
| Neodymium  | 150-2 | 2560     | 2727    | 2664    | 2650    | 3.17    | cps   |
| Nickel     | 60-2  | 1910     | 1850    | 1840    | 1867    | 2.03    | cps   |
| Phosphorus | 31-2  | 133      | 100     | 133     | 122     | 15.75   | cps   |
| Potassium  | 39-2  | 32829    | 32520   | 31802   | 32384   | 1.63    | cps   |
| Rhodium    | 103-1 | 6310036  | 6253065 | 6171114 | 6244739 | 1.12    | cps   |
| Rhodium    | 103-2 | 2885689  | 2879434 | 2880225 | 2881783 | 0.12    | cps   |
| Scandium   | 45-1  | 3599370  | 3517359 | 3477920 | 3531549 | 1.75    | cps   |
| Scandium   | 45-2  | 158018   | 157985  | 157304  | 157769  | 0.26    | cps   |
| Selenium   | 77-2  | 13       | 3       | 13      | 10      | 57.75   | cps   |
| Selenium   | 78-2  | 43       | 59      | 48      | 50      | 16.98   | cps   |
| Selenium   | 82-1  | -101     | 13      | 7       | -27     | -237.40 | cps   |
| Silicon    | 28-1  | 457156   | 458231  | 458546  | 457978  | 0.16    | cps   |
| Silver     | 109-1 | 125      | 117     | 150     | 131     | 13.29   | cps   |
| Silver     | 107-1 | 200      | 175     | 100     | 158     | 32.87   | cps   |
| Sodium     | 23-2  | 66716    | 65937   | 66440   | 66364   | 0.59    | cps   |
| Strontium  | 86-1  | 17578    | 18195   | 17520   | 17764   | 2.11    | cps   |
| Strontium  | 88-1  | 150229   | 148216  | 149142  | 149196  | 0.68    | cps   |
| Sulfur     | 34-1  | 324880   | 323416  | 324395  | 324230  | 0.23    | cps   |
| Terbium    | 159-1 | 10128537 | 9924075 | 9935962 | 9996191 | 1.15    | cps   |
| Terbium    | 159-2 | 4616934  | 4594123 | 4577309 | 4596122 | 0.43    | cps   |
| Thallium   | 203-1 | 292      | 258     | 367     | 306     | 18.16   | cps   |
| Thallium   | 205-1 | 742      | 558     | 808     | 703     | 18.42   | cps   |
| Tin        | 118-1 | 1425     | 1508    | 1483    | 1472    | 2.90    | cps   |
| Titanium   | 47-1  | 142      | 108     | 192     | 147     | 28.49   | cps   |
| Uranium    | 238-1 | 12598    | 12590   | 12215   | 12468   | 1.76    | cps   |
| Vanadium   | 51-2  | 47       | 43      | 40      | 43      | 7.70    | cps   |
| Yttrium    | 89-1  | 7079835  | 7041902 | 7001958 | 7041232 | 0.55    | cps   |
| Yttrium    | 89-2  | 1006204  | 1001534 | 1001123 | 1002953 | 0.28    | cps   |
| Zinc       | 66-2  | 260915   | 261408  | 262233  | 261519  | 0.25    | cps   |
| Zirconium  | 90-1  | 1000     | 933     | 1092    | 1008    | 7.88    | cps   |



|                         |                     |                   |                     |
|-------------------------|---------------------|-------------------|---------------------|
| LB Number :             | LB88853             | Operator :        | Jaswal              |
| Lab Sample ID :         | I4255-06DL2X250     | Instrumnet Name : | P7                  |
| Client Sample ID :      | MH0CC6              | Dilution Factor : | 250                 |
| Date & Time Acquired :: | 2017-07-19 17:47:01 | DataFile Name :   | 082SMPL_P7071917 -M |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|-----------|------|------|------|------|---------|--------|-------|
| Zirconium | 91-1 | 200  | 242  | 283  | 242     | 17.24  | cps   |

|                         |                     |                   |                     |
|-------------------------|---------------------|-------------------|---------------------|
| LB Number :             | LB88853             | Operator :        | Jaswal              |
| Lab Sample ID :         | I4256-01DL2X250     | Instrumnet Name : | P7                  |
| Client Sample ID :      | MH0CC2              | Dilution Factor : | 250                 |
| Date & Time Acquired :: | 2017-07-19 17:50:30 | DataFile Name :   | 083SMPL_P7071917 -M |

| Parameter  | Mass  | CPS1    | CPS2    | CPS3    | CPSMean | CPSRSD | Units |
|------------|-------|---------|---------|---------|---------|--------|-------|
| Aluminium  | 27-2  | 3759    | 3551    | 3834    | 3714    | 3.95   | cps   |
| Antimony   | 121-1 | 158     | 192     | 175     | 175     | 9.53   | cps   |
| Arsenic    | 75-2  | 102     | 139     | 126     | 122     | 15.38  | cps   |
| Barium     | 135-1 | 208     | 125     | 158     | 164     | 25.59  | cps   |
| Barium     | 137-1 | 325     | 267     | 250     | 281     | 14.04  | cps   |
| Beryllium  | 9-1   | 94      | 83      | 111     | 96      | 14.52  | cps   |
| Bismuth    | 209-1 | 6663846 | 6627627 | 6863537 | 6718336 | 1.89   | cps   |
| Bismuth    | 209-2 | 3700360 | 3769057 | 3728192 | 3732537 | 0.93   | cps   |
| Boron      | 10-1  | 192     | 125     | 175     | 164     | 21.17  | cps   |
| Boron      | 11-1  | 808     | 700     | 692     | 733     | 8.88   | cps   |
| Cadmium    | 111-1 | 5267    | 5370    | 5507    | 5381    | 2.24   | cps   |
| Cadmium    | 106-1 | 2684    | 2709    | 2659    | 2684    | 0.93   | cps   |
| Cadmium    | 108-1 | 292     | 300     | 192     | 261     | 23.09  | cps   |
| Calcium    | 43-1  | 17970   | 18629   | 18312   | 18304   | 1.80   | cps   |
| Calcium    | 44-1  | 297290  | 298482  | 297154  | 297642  | 0.25   | cps   |
| Chromium   | 52-2  | 450     | 330     | 397     | 392     | 15.33  | cps   |
| Cobalt     | 59-2  | 8793    | 8503    | 8343    | 8546    | 2.67   | cps   |
| Copper     | 63-2  | 38260   | 37381   | 38033   | 37891   | 1.20   | cps   |
| Dysprosium | 156-1 | 3951    | 4634    | 4434    | 4340    | 8.10   | cps   |
| Dysprosium | 156-2 | 1964    | 2077    | 2070    | 2037    | 3.12   | cps   |
| Erbium     | 164-1 | 3951    | 4134    | 4176    | 4087    | 2.93   | cps   |
| Erbium     | 164-2 | 1880    | 1874    | 1837    | 1863    | 1.25   | cps   |
| Gadolinium | 160-1 | 3859    | 4968    | 4493    | 4440    | 12.53  | cps   |
| Gadolinium | 160-2 | 2277    | 2434    | 2284    | 2331    | 3.80   | cps   |
| Holmium    | 165-1 | 9756156 | 9769186 | 9922248 | 9815864 | 0.94   | cps   |
| Holmium    | 165-2 | 4632108 | 4705649 | 4662268 | 4666675 | 0.79   | cps   |
| Indium     | 115-1 | 7123557 | 7173467 | 7330201 | 7209075 | 1.50   | cps   |
| Indium     | 115-2 | 1345991 | 1359597 | 1362085 | 1355891 | 0.64   | cps   |
| Iron       | 56-2  | 166757  | 167296  | 166218  | 166757  | 0.32   | cps   |
| Iron       | 57-2  | 4417    | 4173    | 4518    | 4369    | 4.06   | cps   |
| Lead       | 206-1 | 1461    | 1328    | 1306    | 1365    | 6.16   | cps   |
| Lead       | 207-1 | 1356    | 1456    | 1256    | 1356    | 7.38   | cps   |
| Lead       | 208-1 | 5867    | 5823    | 5601    | 5764    | 2.48   | cps   |
| Lithium    | 6-1   | 1064566 | 1064430 | 1080300 | 1069765 | 0.85   | cps   |
| Magnesium  | 24-2  | 50821   | 50954   | 49357   | 50377   | 1.76   | cps   |
| Manganese  | 55-2  | 535283  | 538414  | 536192  | 536630  | 0.30   | cps   |

|                         |                     |                   |                     |
|-------------------------|---------------------|-------------------|---------------------|
| LB Number :             | LB88853             | Operator :        | Jaswal              |
| Lab Sample ID :         | I4256-01DL2X250     | Instrumnet Name : | P7                  |
| Client Sample ID :      | MH0CC2              | Dilution Factor : | 250                 |
| Date & Time Acquired :: | 2017-07-19 17:50:30 | DataFile Name :   | 083SMPL_P7071917 -M |

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|------------|-------|----------|----------|----------|----------|--------|-------|
| Molybdenum | 94-1  | 225      | 167      | 183      | 192      | 15.68  | cps   |
| Molybdenum | 95-1  | 67       | 108      | 133      | 103      | 32.77  | cps   |
| Molybdenum | 96-1  | 108      | 75       | 67       | 83       | 26.46  | cps   |
| Molybdenum | 97-1  | 25       | 50       | 58       | 44       | 39.04  | cps   |
| Molybdenum | 98-1  | 33       | 17       | 42       | 31       | 41.66  | cps   |
| Neodymium  | 150-1 | 5508     | 5288     | 5908     | 5568     | 5.65   | cps   |
| Neodymium  | 150-2 | 2047     | 2137     | 1994     | 2059     | 3.52   | cps   |
| Nickel     | 60-2  | 1023     | 1100     | 1140     | 1088     | 5.45   | cps   |
| Phosphorus | 31-2  | 125      | 92       | 142      | 119      | 21.31  | cps   |
| Potassium  | 39-2  | 29405    | 29864    | 29555    | 29608    | 0.79   | cps   |
| Rhodium    | 103-1 | 6209159  | 6225187  | 6338033  | 6257460  | 1.12   | cps   |
| Rhodium    | 103-2 | 2849281  | 2887351  | 2892304  | 2876312  | 0.82   | cps   |
| Scandium   | 45-1  | 3519627  | 3550115  | 3576397  | 3548713  | 0.80   | cps   |
| Scandium   | 45-2  | 156001   | 157733   | 158435   | 157390   | 0.80   | cps   |
| Selenium   | 77-2  | 3        | 13       | 3        | 7        | 86.65  | cps   |
| Selenium   | 78-2  | 41       | 39       | 72       | 51       | 37.01  | cps   |
| Selenium   | 82-1  | 47       | -17      | 92       | 40       | 135.17 | cps   |
| Silicon    | 28-1  | 357668   | 352724   | 351657   | 354016   | 0.91   | cps   |
| Silver     | 109-1 | 67       | 50       | 58       | 58       | 14.29  | cps   |
| Silver     | 107-1 | 100      | 142      | 100      | 114      | 21.12  | cps   |
| Sodium     | 23-2  | 39712    | 39829    | 38851    | 39464    | 1.35   | cps   |
| Strontium  | 86-1  | 8761     | 9337     | 8728     | 8942     | 3.83   | cps   |
| Strontium  | 88-1  | 73413    | 70649    | 72140    | 72068    | 1.92   | cps   |
| Sulfur     | 34-1  | 278779   | 277989   | 275679   | 277482   | 0.58   | cps   |
| Terbium    | 159-1 | 10049985 | 10090452 | 10161809 | 10100748 | 0.56   | cps   |
| Terbium    | 159-2 | 4551243  | 4599109  | 4605808  | 4585387  | 0.65   | cps   |
| Thallium   | 203-1 | 283      | 350      | 317      | 317      | 10.53  | cps   |
| Thallium   | 205-1 | 750      | 767      | 708      | 742      | 4.05   | cps   |
| Tin        | 118-1 | 767      | 833      | 1033     | 878      | 15.81  | cps   |
| Titanium   | 47-1  | 167      | 83       | 100      | 117      | 37.80  | cps   |
| Uranium    | 238-1 | 10221    | 10071    | 10855    | 10382    | 4.01   | cps   |
| Vanadium   | 51-2  | 0        | 3        | 0        | 1        | 173.21 | cps   |
| Yttrium    | 89-1  | 6973302  | 7045447  | 7113269  | 7044006  | 0.99   | cps   |
| Yttrium    | 89-2  | 987679   | 1000411  | 994743   | 994277   | 0.64   | cps   |
| Zinc       | 66-2  | 120616   | 121248   | 120992   | 120952   | 0.26   | cps   |
| Zirconium  | 90-1  | 542      | 592      | 525      | 553      | 6.28   | cps   |

|                         |                     |                   |                     |
|-------------------------|---------------------|-------------------|---------------------|
| LB Number :             | LB88853             | Operator :        | Jaswal              |
| Lab Sample ID :         | I4256-01DL2X250     | Instrumnet Name : | P7                  |
| Client Sample ID :      | MH0CC2              | Dilution Factor : | 250                 |
| Date & Time Acquired :: | 2017-07-19 17:50:30 | DataFile Name :   | 083SMPL_P7071917 -M |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|-----------|------|------|------|------|---------|--------|-------|
| Zirconium | 91-1 | 158  | 117  | 158  | 144     | 16.66  | cps   |

|                         |                     |                   |                     |
|-------------------------|---------------------|-------------------|---------------------|
| LB Number :             | LB88853             | Operator :        | Jaswal              |
| Lab Sample ID :         | I4256-02DL2X250     | Instrumnet Name : | P7                  |
| Client Sample ID :      | MH0CC3              | Dilution Factor : | 250                 |
| Date & Time Acquired :: | 2017-07-19 17:53:59 | DataFile Name :   | 084SMPL_P7071917 -M |

| Parameter  | Mass  | CPS1    | CPS2     | CPS3    | CPSMean | CPSRSD | Units |
|------------|-------|---------|----------|---------|---------|--------|-------|
| Aluminium  | 27-2  | 8761    | 8886     | 8795    | 8814    | 0.73   | cps   |
| Antimony   | 121-1 | 242     | 267      | 233     | 247     | 7.02   | cps   |
| Arsenic    | 75-2  | 617     | 604      | 544     | 588     | 6.55   | cps   |
| Barium     | 135-1 | 192     | 167      | 167     | 175     | 8.25   | cps   |
| Barium     | 137-1 | 333     | 358      | 342     | 344     | 3.70   | cps   |
| Beryllium  | 9-1   | 67      | 106      | 72      | 81      | 25.81  | cps   |
| Bismuth    | 209-1 | 6797317 | 6847643  | 6709799 | 6784920 | 1.03   | cps   |
| Bismuth    | 209-2 | 3770186 | 3742917  | 3702716 | 3738606 | 0.91   | cps   |
| Boron      | 10-1  | 117     | 125      | 158     | 133     | 16.54  | cps   |
| Boron      | 11-1  | 825     | 658      | 633     | 706     | 14.77  | cps   |
| Cadmium    | 111-1 | 3448    | 3545     | 3541    | 3511    | 1.56   | cps   |
| Cadmium    | 106-1 | 2634    | 2700     | 2675    | 2670    | 1.26   | cps   |
| Cadmium    | 108-1 | 113     | 125      | 158     | 132     | 17.96  | cps   |
| Calcium    | 43-1  | 8520    | 8386     | 8178    | 8361    | 2.06   | cps   |
| Calcium    | 44-1  | 138216  | 135499   | 135037  | 136251  | 1.26   | cps   |
| Chromium   | 52-2  | 403     | 360      | 467     | 410     | 13.08  | cps   |
| Cobalt     | 59-2  | 1720    | 1800     | 1717    | 1746    | 2.70   | cps   |
| Copper     | 63-2  | 14874   | 15031    | 15185   | 15030   | 1.03   | cps   |
| Dysprosium | 156-1 | 4434    | 4501     | 4734    | 4556    | 3.46   | cps   |
| Dysprosium | 156-2 | 2010    | 2047     | 2017    | 2025    | 0.97   | cps   |
| Erbium     | 164-1 | 3884    | 4276     | 4109    | 4090    | 4.81   | cps   |
| Erbium     | 164-2 | 2007    | 1994     | 1964    | 1988    | 1.12   | cps   |
| Gadolinium | 160-1 | 4493    | 4918     | 4701    | 4704    | 4.52   | cps   |
| Gadolinium | 160-2 | 2487    | 2524     | 2580    | 2530    | 1.86   | cps   |
| Holmium    | 165-1 | 9876219 | 10038910 | 9902380 | 9939170 | 0.88   | cps   |
| Holmium    | 165-2 | 4719284 | 4652826  | 4665946 | 4679352 | 0.75   | cps   |
| Indium     | 115-1 | 7295945 | 7260608  | 7252829 | 7269794 | 0.32   | cps   |
| Indium     | 115-2 | 1359816 | 1359531  | 1350461 | 1356603 | 0.39   | cps   |
| Iron       | 56-2  | 53893   | 53821    | 54323   | 54012   | 0.50   | cps   |
| Iron       | 57-2  | 1417    | 1495     | 1317    | 1409    | 6.32   | cps   |
| Lead       | 206-1 | 4456    | 4412     | 4540    | 4469    | 1.45   | cps   |
| Lead       | 207-1 | 4067    | 4190     | 3928    | 4062    | 3.22   | cps   |
| Lead       | 208-1 | 18305   | 18133    | 18122   | 18187   | 0.57   | cps   |
| Lithium    | 6-1   | 1078617 | 1086402  | 1073726 | 1079582 | 0.59   | cps   |
| Magnesium  | 24-2  | 25397   | 25514    | 25439   | 25450   | 0.23   | cps   |
| Manganese  | 55-2  | 265522  | 265916   | 268488  | 266642  | 0.60   | cps   |

|                         |                     |                   |                     |
|-------------------------|---------------------|-------------------|---------------------|
| LB Number :             | LB88853             | Operator :        | Jaswal              |
| Lab Sample ID :         | I4256-02DL2X250     | Instrumnet Name : | P7                  |
| Client Sample ID :      | MH0CC3              | Dilution Factor : | 250                 |
| Date & Time Acquired :: | 2017-07-19 17:53:59 | DataFile Name :   | 084SMPL_P7071917 -M |

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|------------|-------|----------|----------|----------|----------|--------|-------|
| Molybdenum | 94-1  | 183      | 292      | 283      | 253      | 23.85  | cps   |
| Molybdenum | 95-1  | 33       | 8        | 17       | 19       | 65.47  | cps   |
| Molybdenum | 96-1  | 58       | 108      | 83       | 83       | 30.00  | cps   |
| Molybdenum | 97-1  | 33       | 50       | 42       | 42       | 19.99  | cps   |
| Molybdenum | 98-1  | 92       | 50       | 67       | 69       | 30.20  | cps   |
| Neodymium  | 150-1 | 6322     | 6235     | 6195     | 6251     | 1.04   | cps   |
| Neodymium  | 150-2 | 2234     | 2244     | 2350     | 2276     | 2.84   | cps   |
| Nickel     | 60-2  | 587      | 630      | 653      | 623      | 5.43   | cps   |
| Phosphorus | 31-2  | 50       | 58       | 42       | 50       | 16.67  | cps   |
| Potassium  | 39-2  | 26692    | 27351    | 26391    | 26811    | 1.83   | cps   |
| Rhodium    | 103-1 | 6237612  | 6286308  | 6330403  | 6284774  | 0.74   | cps   |
| Rhodium    | 103-2 | 2899240  | 2873246  | 2864239  | 2878908  | 0.63   | cps   |
| Scandium   | 45-1  | 3589037  | 3621286  | 3628487  | 3612937  | 0.58   | cps   |
| Scandium   | 45-2  | 160246   | 158373   | 156300   | 158306   | 1.25   | cps   |
| Selenium   | 77-2  | 17       | 0        | 27       | 14       | 93.26  | cps   |
| Selenium   | 78-2  | 65       | 57       | 48       | 57       | 14.71  | cps   |
| Selenium   | 82-1  | 57       | -13      | -7       | 12       | 315.51 | cps   |
| Silicon    | 28-1  | 392591   | 388733   | 387733   | 389686   | 0.66   | cps   |
| Silver     | 109-1 | 58       | 50       | 58       | 56       | 8.67   | cps   |
| Silver     | 107-1 | 125      | 133      | 100      | 119      | 14.53  | cps   |
| Sodium     | 23-2  | 23311    | 22977    | 22468    | 22918    | 1.85   | cps   |
| Strontium  | 86-1  | 4376     | 3767     | 3992     | 4045     | 7.61   | cps   |
| Strontium  | 88-1  | 27302    | 27703    | 28262    | 27756    | 1.74   | cps   |
| Sulfur     | 34-1  | 255283   | 257316   | 255978   | 256192   | 0.40   | cps   |
| Terbium    | 159-1 | 10059953 | 10272927 | 10119683 | 10150854 | 1.08   | cps   |
| Terbium    | 159-2 | 4629947  | 4584567  | 4602129  | 4605547  | 0.50   | cps   |
| Thallium   | 203-1 | 308      | 358      | 350      | 339      | 7.91   | cps   |
| Thallium   | 205-1 | 750      | 592      | 692      | 678      | 11.81  | cps   |
| Tin        | 118-1 | 842      | 875      | 775      | 831      | 6.13   | cps   |
| Titanium   | 47-1  | 75       | 125      | 100      | 100      | 25.00  | cps   |
| Uranium    | 238-1 | 10880    | 10196    | 10563    | 10546    | 3.25   | cps   |
| Vanadium   | 51-2  | 10       | 10       | 7        | 9        | 21.63  | cps   |
| Yttrium    | 89-1  | 7129638  | 7122845  | 7101923  | 7118135  | 0.20   | cps   |
| Yttrium    | 89-2  | 1000776  | 988994   | 987895   | 992555   | 0.72   | cps   |
| Zinc       | 66-2  | 40272    | 40032    | 40864    | 40389    | 1.06   | cps   |
| Zirconium  | 90-1  | 525      | 550      | 758      | 611      | 20.96  | cps   |

|                         |                     |                   |                     |
|-------------------------|---------------------|-------------------|---------------------|
| LB Number :             | LB88853             | Operator :        | Jaswal              |
| Lab Sample ID :         | I4256-02DL2X250     | Instrumnet Name : | P7                  |
| Client Sample ID :      | MH0CC3              | Dilution Factor : | 250                 |
| Date & Time Acquired :: | 2017-07-19 17:53:59 | DataFile Name :   | 084SMPL_P7071917 -M |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|-----------|------|------|------|------|---------|--------|-------|
| Zirconium | 91-1 | 133  | 58   | 142  | 111     | 41.30  | cps   |

|                         |                     |                   |                     |
|-------------------------|---------------------|-------------------|---------------------|
| LB Number :             | LB88853             | Operator :        | Jaswal              |
| Lab Sample ID :         | I4256-03DL2X250     | Instrumnet Name : | P7                  |
| Client Sample ID :      | MH0CC3D             | Dilution Factor : | 250                 |
| Date & Time Acquired :: | 2017-07-19 17:57:28 | DataFile Name :   | 085SMPL_P7071917 -M |

| Parameter  | Mass  | CPS1    | CPS2    | CPS3    | CPSMean | CPSRSD | Units |
|------------|-------|---------|---------|---------|---------|--------|-------|
| Aluminium  | 27-2  | 8861    | 8428    | 8103    | 8464    | 4.50   | cps   |
| Antimony   | 121-1 | 283     | 225     | 292     | 267     | 13.62  | cps   |
| Arsenic    | 75-2  | 591     | 596     | 570     | 586     | 2.33   | cps   |
| Barium     | 135-1 | 200     | 225     | 167     | 197     | 14.84  | cps   |
| Barium     | 137-1 | 383     | 300     | 325     | 336     | 12.72  | cps   |
| Beryllium  | 9-1   | 178     | 83      | 83      | 115     | 47.49  | cps   |
| Bismuth    | 209-1 | 6776298 | 6508365 | 6320776 | 6535146 | 3.50   | cps   |
| Bismuth    | 209-2 | 3541976 | 3531037 | 3518566 | 3530526 | 0.33   | cps   |
| Boron      | 10-1  | 175     | 83      | 100     | 119     | 40.88  | cps   |
| Boron      | 11-1  | 625     | 650     | 617     | 631     | 2.75   | cps   |
| Cadmium    | 111-1 | 3417    | 3397    | 3010    | 3275    | 7.00   | cps   |
| Cadmium    | 106-1 | 2700    | 2692    | 2309    | 2567    | 8.72   | cps   |
| Cadmium    | 108-1 | 75      | 83      | 133     | 97      | 32.45  | cps   |
| Calcium    | 43-1  | 8019    | 8036    | 8028    | 8028    | 0.10   | cps   |
| Calcium    | 44-1  | 135162  | 133415  | 131926  | 133501  | 1.21   | cps   |
| Chromium   | 52-2  | 447     | 373     | 387     | 402     | 9.71   | cps   |
| Cobalt     | 59-2  | 1697    | 1563    | 1543    | 1601    | 5.21   | cps   |
| Copper     | 63-2  | 14975   | 14434   | 14537   | 14649   | 1.96   | cps   |
| Dysprosium | 156-1 | 4584    | 4493    | 4076    | 4384    | 6.18   | cps   |
| Dysprosium | 156-2 | 1964    | 1857    | 1937    | 1919    | 2.89   | cps   |
| Erbium     | 164-1 | 4134    | 3859    | 3776    | 3923    | 4.78   | cps   |
| Erbium     | 164-2 | 1687    | 1827    | 1737    | 1750    | 4.05   | cps   |
| Gadolinium | 160-1 | 4901    | 4993    | 4409    | 4768    | 6.58   | cps   |
| Gadolinium | 160-2 | 2370    | 2444    | 2490    | 2435    | 2.49   | cps   |
| Holmium    | 165-1 | 9700270 | 9503821 | 9299971 | 9501354 | 2.11   | cps   |
| Holmium    | 165-2 | 4420100 | 4407523 | 4387153 | 4404925 | 0.38   | cps   |
| Indium     | 115-1 | 7136197 | 7056043 | 6785930 | 6992723 | 2.62   | cps   |
| Indium     | 115-2 | 1290191 | 1279449 | 1280571 | 1283404 | 0.46   | cps   |
| Iron       | 56-2  | 51217   | 50793   | 52215   | 51409   | 1.42   | cps   |
| Iron       | 57-2  | 1350    | 1272    | 1406    | 1343    | 4.99   | cps   |
| Lead       | 206-1 | 4584    | 4534    | 4651    | 4590    | 1.28   | cps   |
| Lead       | 207-1 | 4084    | 4151    | 3706    | 3980    | 6.02   | cps   |
| Lead       | 208-1 | 18267   | 17989   | 17283   | 17846   | 2.84   | cps   |
| Lithium    | 6-1   | 1064943 | 1050565 | 1026289 | 1047265 | 1.87   | cps   |
| Magnesium  | 24-2  | 24754   | 24254   | 23970   | 24326   | 1.63   | cps   |
| Manganese  | 55-2  | 253547  | 254903  | 254652  | 254367  | 0.28   | cps   |



|                         |                     |                   |                     |
|-------------------------|---------------------|-------------------|---------------------|
| LB Number :             | LB88853             | Operator :        | Jaswal              |
| Lab Sample ID :         | I4256-03DL2X250     | Instrumnet Name : | P7                  |
| Client Sample ID :      | MH0CC3D             | Dilution Factor : | 250                 |
| Date & Time Acquired :: | 2017-07-19 17:57:28 | DataFile Name :   | 085SMPL_P7071917 -M |

| Parameter  | Mass  | CPS1     | CPS2    | CPS3    | CPSMean | CPSRSD | Units |
|------------|-------|----------|---------|---------|---------|--------|-------|
| Molybdenum | 94-1  | 233      | 233     | 175     | 214     | 15.74  | cps   |
| Molybdenum | 95-1  | 25       | 50      | 42      | 39      | 32.73  | cps   |
| Molybdenum | 96-1  | 83       | 92      | 67      | 81      | 15.80  | cps   |
| Molybdenum | 97-1  | 50       | 8       | 33      | 31      | 68.64  | cps   |
| Molybdenum | 98-1  | 50       | 25      | 42      | 39      | 32.73  | cps   |
| Neodymium  | 150-1 | 6508     | 5948    | 5821    | 6093    | 6.00   | cps   |
| Neodymium  | 150-2 | 2320     | 2187    | 2107    | 2205    | 4.89   | cps   |
| Nickel     | 60-2  | 610      | 590     | 560     | 587     | 4.29   | cps   |
| Phosphorus | 31-2  | 83       | 108     | 100     | 97      | 13.09  | cps   |
| Potassium  | 39-2  | 26600    | 26149   | 28044   | 26931   | 3.68   | cps   |
| Rhodium    | 103-1 | 6262249  | 6113439 | 5901391 | 6092360 | 2.98   | cps   |
| Rhodium    | 103-2 | 2736523  | 2730232 | 2722750 | 2729835 | 0.25   | cps   |
| Scandium   | 45-1  | 3559870  | 3494430 | 3332244 | 3462182 | 3.38   | cps   |
| Scandium   | 45-2  | 149959   | 149206  | 148808  | 149324  | 0.39   | cps   |
| Selenium   | 77-2  | 10       | 13      | 10      | 11      | 17.30  | cps   |
| Selenium   | 78-2  | 54       | 48      | 59      | 54      | 10.34  | cps   |
| Selenium   | 82-1  | 47       | 27      | 27      | 34      | 33.91  | cps   |
| Silicon    | 28-1  | 391953   | 383615  | 384198  | 386589  | 1.20   | cps   |
| Silver     | 109-1 | 33       | 100     | 83      | 72      | 48.04  | cps   |
| Silver     | 107-1 | 117      | 133     | 133     | 128     | 7.53   | cps   |
| Sodium     | 23-2  | 22159    | 22109   | 22676   | 22315   | 1.41   | cps   |
| Strontium  | 86-1  | 3551     | 3676    | 3759    | 3662    | 2.86   | cps   |
| Strontium  | 88-1  | 27436    | 27544   | 26158   | 27046   | 2.85   | cps   |
| Sulfur     | 34-1  | 253091   | 252024  | 248747  | 251287  | 0.90   | cps   |
| Terbium    | 159-1 | 10055112 | 9772560 | 9533611 | 9787094 | 2.67   | cps   |
| Terbium    | 159-2 | 4366992  | 4320771 | 4338443 | 4342069 | 0.54   | cps   |
| Thallium   | 203-1 | 250      | 267     | 308     | 275     | 10.93  | cps   |
| Thallium   | 205-1 | 742      | 725     | 708     | 725     | 2.30   | cps   |
| Tin        | 118-1 | 900      | 1175    | 767     | 947     | 21.99  | cps   |
| Titanium   | 47-1  | 92       | 67      | 42      | 67      | 37.50  | cps   |
| Uranium    | 238-1 | 10496    | 10722   | 10663   | 10627   | 1.10   | cps   |
| Vanadium   | 51-2  | 3        | 10      | 7       | 7       | 50.03  | cps   |
| Yttrium    | 89-1  | 7022242  | 6838852 | 6745226 | 6868773 | 2.05   | cps   |
| Yttrium    | 89-2  | 950801   | 941964  | 939273  | 944012  | 0.64   | cps   |
| Zinc       | 66-2  | 38374    | 38220   | 38404   | 38333   | 0.26   | cps   |
| Zirconium  | 90-1  | 650      | 650     | 542     | 614     | 10.19  | cps   |

|                         |                     |                   |                     |
|-------------------------|---------------------|-------------------|---------------------|
| LB Number :             | LB88853             | Operator :        | Jaswal              |
| Lab Sample ID :         | I4256-03DL2X250     | Instrumnet Name : | P7                  |
| Client Sample ID :      | MH0CC3D             | Dilution Factor : | 250                 |
| Date & Time Acquired :: | 2017-07-19 17:57:28 | DataFile Name :   | 085SMPL_P7071917 -M |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|-----------|------|------|------|------|---------|--------|-------|
| Zirconium | 91-1 | 117  | 100  | 158  | 125     | 24.03  | cps   |

|                         |                     |                   |                     |
|-------------------------|---------------------|-------------------|---------------------|
| LB Number :             | LB88853             | Operator :        | Jaswal              |
| Lab Sample ID :         | I4256-02LDL2X1250   | Instrumnet Name : | P7                  |
| Client Sample ID :      | MH0CC3L             | Dilution Factor : | 1250                |
| Date & Time Acquired :: | 2017-07-19 18:00:58 | DataFile Name :   | 086SMPL_P7071917 -M |

| Parameter  | Mass  | CPS1    | CPS2    | CPS3    | CPSMean | CPSRSD | Units |
|------------|-------|---------|---------|---------|---------|--------|-------|
| Aluminium  | 27-2  | 1934    | 1709    | 1650    | 1764    | 8.48   | cps   |
| Antimony   | 121-1 | 100     | 175     | 158     | 144     | 27.27  | cps   |
| Arsenic    | 75-2  | 137     | 113     | 144     | 131     | 12.52  | cps   |
| Barium     | 135-1 | 83      | 50      | 50      | 61      | 31.50  | cps   |
| Barium     | 137-1 | 183     | 150     | 167     | 167     | 10.00  | cps   |
| Beryllium  | 9-1   | 89      | 89      | 67      | 81      | 15.74  | cps   |
| Bismuth    | 209-1 | 6671368 | 6677837 | 6644471 | 6664558 | 0.27   | cps   |
| Bismuth    | 209-2 | 3768384 | 3672316 | 3626210 | 3688970 | 1.97   | cps   |
| Boron      | 10-1  | 125     | 92      | 92      | 103     | 18.73  | cps   |
| Boron      | 11-1  | 625     | 667     | 608     | 633     | 4.74   | cps   |
| Cadmium    | 111-1 | 2022    | 1912    | 2141    | 2025    | 5.65   | cps   |
| Cadmium    | 106-1 | 2450    | 2309    | 2542    | 2434    | 4.83   | cps   |
| Cadmium    | 108-1 | 38      | 29      | 25      | 31      | 20.83  | cps   |
| Calcium    | 43-1  | 1842    | 1867    | 1975    | 1895    | 3.74   | cps   |
| Calcium    | 44-1  | 31610   | 32061   | 31777   | 31816   | 0.72   | cps   |
| Chromium   | 52-2  | 360     | 380     | 410     | 383     | 6.56   | cps   |
| Cobalt     | 59-2  | 443     | 473     | 360     | 426     | 13.80  | cps   |
| Copper     | 63-2  | 3514    | 3400    | 3527    | 3480    | 2.00   | cps   |
| Dysprosium | 156-1 | 850     | 858     | 750     | 820     | 7.36   | cps   |
| Dysprosium | 156-2 | 407     | 397     | 447     | 417     | 6.35   | cps   |
| Erbium     | 164-1 | 767     | 1033    | 800     | 867     | 16.77  | cps   |
| Erbium     | 164-2 | 393     | 380     | 390     | 388     | 1.79   | cps   |
| Gadolinium | 160-1 | 908     | 1025    | 1167    | 1033    | 12.52  | cps   |
| Gadolinium | 160-2 | 500     | 620     | 533     | 551     | 11.24  | cps   |
| Holmium    | 165-1 | 9846598 | 9869351 | 9801465 | 9839138 | 0.35   | cps   |
| Holmium    | 165-2 | 4647121 | 4618215 | 4583384 | 4616240 | 0.69   | cps   |
| Indium     | 115-1 | 7220725 | 7199824 | 7113653 | 7178068 | 0.79   | cps   |
| Indium     | 115-2 | 1357921 | 1333057 | 1323024 | 1338001 | 1.34   | cps   |
| Iron       | 56-2  | 13729   | 13646   | 13823   | 13733   | 0.65   | cps   |
| Iron       | 57-2  | 489     | 472     | 433     | 465     | 6.13   | cps   |
| Lead       | 206-1 | 1356    | 1722    | 1583    | 1554    | 11.92  | cps   |
| Lead       | 207-1 | 1328    | 1406    | 1356    | 1363    | 2.89   | cps   |
| Lead       | 208-1 | 5951    | 6673    | 6356    | 6327    | 5.72   | cps   |
| Lithium    | 6-1   | 1073938 | 1070203 | 1066182 | 1070108 | 0.36   | cps   |
| Magnesium  | 24-2  | 6552    | 6527    | 5960    | 6346    | 5.28   | cps   |
| Manganese  | 55-2  | 53259   | 54163   | 54012   | 53811   | 0.90   | cps   |

|                         |                     |                   |                     |
|-------------------------|---------------------|-------------------|---------------------|
| LB Number :             | LB88853             | Operator :        | Jaswal              |
| Lab Sample ID :         | I4256-02LDL2X1250   | Instrumnet Name : | P7                  |
| Client Sample ID :      | MH0CC3L             | Dilution Factor : | 1250                |
| Date & Time Acquired :: | 2017-07-19 18:00:58 | DataFile Name :   | 086SMPL_P7071917 -M |

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD   | Units |
|------------|-------|----------|----------|----------|----------|----------|-------|
| Molybdenum | 94-1  | 175      | 217      | 233      | 208      | 14.42    | cps   |
| Molybdenum | 95-1  | 42       | 17       | 25       | 28       | 45.82    | cps   |
| Molybdenum | 96-1  | 58       | 67       | 92       | 72       | 24.02    | cps   |
| Molybdenum | 97-1  | 42       | 58       | 0        | 33       | 90.14    | cps   |
| Molybdenum | 98-1  | 42       | 17       | 33       | 31       | 41.66    | cps   |
| Neodymium  | 150-1 | 1313     | 1007     | 1227     | 1182     | 13.37    | cps   |
| Neodymium  | 150-2 | 417      | 460      | 473      | 450      | 6.58     | cps   |
| Nickel     | 60-2  | 303      | 393      | 310      | 336      | 14.95    | cps   |
| Phosphorus | 31-2  | 125      | 108      | 42       | 92       | 48.10    | cps   |
| Potassium  | 39-2  | 25639    | 24830    | 25589    | 25353    | 1.79     | cps   |
| Rhodium    | 103-1 | 6348381  | 6284458  | 6261432  | 6298090  | 0.72     | cps   |
| Rhodium    | 103-2 | 2878672  | 2850185  | 2824977  | 2851278  | 0.94     | cps   |
| Scandium   | 45-1  | 3554533  | 3576883  | 3562638  | 3564685  | 0.32     | cps   |
| Scandium   | 45-2  | 160078   | 156206   | 155469   | 157251   | 1.57     | cps   |
| Selenium   | 77-2  | 3        | 0        | 0        | 1        | 173.21   | cps   |
| Selenium   | 78-2  | 37       | 65       | 44       | 49       | 29.50    | cps   |
| Selenium   | 82-1  | -69      | 23       | 32       | -5       | -1240.92 | cps   |
| Silicon    | 28-1  | 262000   | 263121   | 267438   | 264187   | 1.09     | cps   |
| Silver     | 109-1 | 50       | 83       | 83       | 72       | 26.65    | cps   |
| Silver     | 107-1 | 58       | 83       | 58       | 67       | 21.65    | cps   |
| Sodium     | 23-2  | 10904    | 12239    | 12314    | 11819    | 6.71     | cps   |
| Strontium  | 86-1  | 1242     | 1242     | 1325     | 1270     | 3.79     | cps   |
| Strontium  | 88-1  | 5751     | 5560     | 5501     | 5604     | 2.33     | cps   |
| Sulfur     | 34-1  | 229974   | 231900   | 233225   | 231700   | 0.71     | cps   |
| Terbium    | 159-1 | 10095524 | 10120234 | 10046743 | 10087500 | 0.37     | cps   |
| Terbium    | 159-2 | 4589051  | 4534239  | 4497033  | 4540108  | 1.02     | cps   |
| Thallium   | 203-1 | 408      | 258      | 283      | 317      | 25.38    | cps   |
| Thallium   | 205-1 | 842      | 658      | 533      | 678      | 22.88    | cps   |
| Tin        | 118-1 | 958      | 908      | 917      | 928      | 2.89     | cps   |
| Titanium   | 47-1  | 125      | 67       | 83       | 92       | 32.78    | cps   |
| Uranium    | 238-1 | 2092     | 2367     | 1909     | 2123     | 10.87    | cps   |
| Vanadium   | 51-2  | 3        | 10       | 7        | 7        | 50.03    | cps   |
| Yttrium    | 89-1  | 7019651  | 7040119  | 6964535  | 7008102  | 0.56     | cps   |
| Yttrium    | 89-2  | 989335   | 974192   | 965413   | 976313   | 1.24     | cps   |
| Zinc       | 66-2  | 7986     | 8112     | 8219     | 8106     | 1.44     | cps   |
| Zirconium  | 90-1  | 525      | 508      | 467      | 500      | 6.01     | cps   |

|                         |                     |                   |                     |
|-------------------------|---------------------|-------------------|---------------------|
| LB Number :             | LB88853             | Operator :        | Jaswal              |
| Lab Sample ID :         | I4256-02LDL2X1250   | Instrumnet Name : | P7                  |
| Client Sample ID :      | MH0CC3L             | Dilution Factor : | 1250                |
| Date & Time Acquired :: | 2017-07-19 18:00:58 | DataFile Name :   | 086SMPL_P7071917 -M |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|-----------|------|------|------|------|---------|--------|-------|
| Zirconium | 91-1 | 117  | 158  | 67   | 114     | 40.30  | cps   |

|                         |                     |                   |                     |
|-------------------------|---------------------|-------------------|---------------------|
| LB Number :             | LB88853             | Operator :        | Jaswal              |
| Lab Sample ID :         | I4256-04DL2X250     | Instrumnet Name : | P7                  |
| Client Sample ID :      | MH0CC3S             | Dilution Factor : | 250                 |
| Date & Time Acquired :: | 2017-07-19 18:04:28 | DataFile Name :   | 087SMPL_P7071917 -M |

| Parameter  | Mass  | CPS1    | CPS2    | CPS3    | CPSMean | CPSRSD | Units |
|------------|-------|---------|---------|---------|---------|--------|-------|
| Aluminium  | 27-2  | 9587    | 9211    | 9754    | 9517    | 2.92   | cps   |
| Antimony   | 121-1 | 3334    | 3442    | 3426    | 3401    | 1.72   | cps   |
| Arsenic    | 75-2  | 696     | 637     | 630     | 654     | 5.58   | cps   |
| Barium     | 135-1 | 17203   | 17662   | 17253   | 17373   | 1.45   | cps   |
| Barium     | 137-1 | 30150   | 29842   | 29699   | 29897   | 0.77   | cps   |
| Beryllium  | 9-1   | 294     | 344     | 333     | 324     | 8.10   | cps   |
| Bismuth    | 209-1 | 6649756 | 6630741 | 6621312 | 6633936 | 0.22   | cps   |
| Bismuth    | 209-2 | 3678801 | 3763277 | 3753459 | 3731845 | 1.24   | cps   |
| Boron      | 10-1  | 133     | 100     | 167     | 133     | 25.00  | cps   |
| Boron      | 11-1  | 442     | 500     | 700     | 547     | 24.76  | cps   |
| Cadmium    | 111-1 | 3840    | 4064    | 3699    | 3868    | 4.76   | cps   |
| Cadmium    | 106-1 | 2709    | 2892    | 2625    | 2742    | 4.98   | cps   |
| Cadmium    | 108-1 | 117     | 158     | 163     | 146     | 17.38  | cps   |
| Calcium    | 43-1  | 8995    | 8786    | 8853    | 8878    | 1.20   | cps   |
| Calcium    | 44-1  | 142825  | 142901  | 143775  | 143167  | 0.37   | cps   |
| Chromium   | 52-2  | 2060    | 1960    | 1853    | 1958    | 5.28   | cps   |
| Cobalt     | 59-2  | 8076    | 8443    | 8182    | 8234    | 2.29   | cps   |
| Copper     | 63-2  | 18642   | 18148   | 18365   | 18385   | 1.35   | cps   |
| Dysprosium | 156-1 | 4501    | 4534    | 4734    | 4590    | 2.75   | cps   |
| Dysprosium | 156-2 | 2200    | 2200    | 2244    | 2215    | 1.13   | cps   |
| Erbium     | 164-1 | 4226    | 4509    | 4559    | 4431    | 4.06   | cps   |
| Erbium     | 164-2 | 1870    | 2017    | 2007    | 1965    | 4.17   | cps   |
| Gadolinium | 160-1 | 5076    | 5084    | 5101    | 5087    | 0.25   | cps   |
| Gadolinium | 160-2 | 2664    | 2687    | 2594    | 2648    | 1.83   | cps   |
| Holmium    | 165-1 | 9740314 | 9812311 | 9791359 | 9781328 | 0.38   | cps   |
| Holmium    | 165-2 | 4608087 | 4660258 | 4686036 | 4651460 | 0.85   | cps   |
| Indium     | 115-1 | 7242948 | 7133430 | 7134782 | 7170387 | 0.88   | cps   |
| Indium     | 115-2 | 1332135 | 1353657 | 1356422 | 1347405 | 0.99   | cps   |
| Iron       | 56-2  | 62489   | 62622   | 62896   | 62669   | 0.33   | cps   |
| Iron       | 57-2  | 1806    | 1489    | 1561    | 1619    | 10.25  | cps   |
| Lead       | 206-1 | 5168    | 5285    | 5162    | 5205    | 1.33   | cps   |
| Lead       | 207-1 | 4179    | 4868    | 4662    | 4569    | 7.74   | cps   |
| Lead       | 208-1 | 20968   | 21324   | 21252   | 21181   | 0.89   | cps   |
| Lithium    | 6-1   | 1067544 | 1076336 | 1062829 | 1068903 | 0.64   | cps   |
| Magnesium  | 24-2  | 26700   | 27409   | 27017   | 27042   | 1.31   | cps   |
| Manganese  | 55-2  | 280459  | 284690  | 284292  | 283147  | 0.83   | cps   |

|                         |                     |                   |                     |
|-------------------------|---------------------|-------------------|---------------------|
| LB Number :             | LB88853             | Operator :        | Jaswal              |
| Lab Sample ID :         | I4256-04DL2X250     | Instrumnet Name : | P7                  |
| Client Sample ID :      | MH0CC3S             | Dilution Factor : | 250                 |
| Date & Time Acquired :: | 2017-07-19 18:04:28 | DataFile Name :   | 087SMPL_P7071917 -M |

| Parameter  | Mass  | CPS1     | CPS2     | CPS3    | CPSMean  | CPSRSD | Units |
|------------|-------|----------|----------|---------|----------|--------|-------|
| Molybdenum | 94-1  | 200      | 258      | 267     | 242      | 15.03  | cps   |
| Molybdenum | 95-1  | 25       | 25       | 50      | 33       | 43.30  | cps   |
| Molybdenum | 96-1  | 75       | 58       | 75      | 69       | 13.85  | cps   |
| Molybdenum | 97-1  | 25       | 33       | 25      | 28       | 17.31  | cps   |
| Molybdenum | 98-1  | 17       | 33       | 33      | 28       | 34.63  | cps   |
| Neodymium  | 150-1 | 6455     | 6602     | 6195    | 6417     | 3.21   | cps   |
| Neodymium  | 150-2 | 2364     | 2400     | 2457    | 2407     | 1.95   | cps   |
| Nickel     | 60-2  | 2194     | 2357     | 2384    | 2311     | 4.45   | cps   |
| Phosphorus | 31-2  | 158      | 175      | 67      | 133      | 43.75  | cps   |
| Potassium  | 39-2  | 25940    | 27134    | 27627   | 26900    | 3.22   | cps   |
| Rhodium    | 103-1 | 6264573  | 6210203  | 6188973 | 6221250  | 0.63   | cps   |
| Rhodium    | 103-2 | 2834277  | 2864590  | 2877316 | 2858727  | 0.77   | cps   |
| Scandium   | 45-1  | 3586064  | 3603839  | 3490985 | 3560296  | 1.70   | cps   |
| Scandium   | 45-2  | 154613   | 158238   | 156890  | 156580   | 1.17   | cps   |
| Selenium   | 77-2  | 0        | 10       | 20      | 10       | 100.00 | cps   |
| Selenium   | 78-2  | 52       | 43       | 61      | 52       | 17.86  | cps   |
| Selenium   | 82-1  | 87       | 3        | 48      | 46       | 90.99  | cps   |
| Silicon    | 28-1  | 392952   | 397649   | 394708  | 395103   | 0.60   | cps   |
| Silver     | 109-1 | 1842     | 1917     | 1759    | 1839     | 4.31   | cps   |
| Silver     | 107-1 | 1659     | 1850     | 1834    | 1781     | 5.96   | cps   |
| Sodium     | 23-2  | 22776    | 23294    | 22968   | 23013    | 1.14   | cps   |
| Strontium  | 86-1  | 4159     | 4067     | 4026    | 4084     | 1.67   | cps   |
| Strontium  | 88-1  | 29039    | 30174    | 29047   | 29420    | 2.22   | cps   |
| Sulfur     | 34-1  | 257228   | 251855   | 256562  | 255215   | 1.15   | cps   |
| Terbium    | 159-1 | 10089867 | 10099273 | 9970937 | 10053359 | 0.71   | cps   |
| Terbium    | 159-2 | 4520541  | 4585882  | 4626176 | 4577533  | 1.16   | cps   |
| Thallium   | 203-1 | 2267     | 2034     | 2009    | 2103     | 6.78   | cps   |
| Thallium   | 205-1 | 4884     | 5126     | 4859    | 4957     | 2.97   | cps   |
| Tin        | 118-1 | 867      | 867      | 992     | 908      | 7.95   | cps   |
| Titanium   | 47-1  | 92       | 142      | 92      | 108      | 26.65  | cps   |
| Uranium    | 238-1 | 11055    | 11297    | 11063   | 11139    | 1.23   | cps   |
| Vanadium   | 51-2  | 3267     | 3287     | 3207    | 3254     | 1.28   | cps   |
| Yttrium    | 89-1  | 7007192  | 7021786  | 6954824 | 6994601  | 0.50   | cps   |
| Yttrium    | 89-2  | 979419   | 993734   | 992989  | 988714   | 0.82   | cps   |
| Zinc       | 66-2  | 42408    | 43702    | 44010   | 43373    | 1.96   | cps   |
| Zirconium  | 90-1  | 517      | 667      | 633     | 606      | 13.01  | cps   |

|                         |                     |                   |                     |
|-------------------------|---------------------|-------------------|---------------------|
| LB Number :             | LB88853             | Operator :        | Jaswal              |
| Lab Sample ID :         | I4256-04DL2X250     | Instrumnet Name : | P7                  |
| Client Sample ID :      | MH0CC3S             | Dilution Factor : | 250                 |
| Date & Time Acquired :: | 2017-07-19 18:04:28 | DataFile Name :   | 087SMPL_P7071917 -M |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|-----------|------|------|------|------|---------|--------|-------|
| Zirconium | 91-1 | 117  | 125  | 192  | 144     | 28.46  | cps   |



|                         |                     |                   |                     |
|-------------------------|---------------------|-------------------|---------------------|
| LB Number :             | LB88853             | Operator :        | Jaswal              |
| Lab Sample ID :         | I4256-05DL2X250     | Instrumnet Name : | P7                  |
| Client Sample ID :      | MH0CC5              | Dilution Factor : | 250                 |
| Date & Time Acquired :: | 2017-07-19 18:07:56 | DataFile Name :   | 088SMPL_P7071917 -M |

| Parameter  | Mass  | CPS1    | CPS2    | CPS3    | CPSMean | CPSRSD | Units |
|------------|-------|---------|---------|---------|---------|--------|-------|
| Aluminium  | 27-2  | 4559    | 4584    | 4701    | 4615    | 1.64   | cps   |
| Antimony   | 121-1 | 233     | 192     | 275     | 233     | 17.86  | cps   |
| Arsenic    | 75-2  | 1093    | 1096    | 1167    | 1119    | 3.73   | cps   |
| Barium     | 135-1 | 92      | 133     | 142     | 122     | 21.92  | cps   |
| Barium     | 137-1 | 158     | 142     | 83      | 128     | 30.82  | cps   |
| Beryllium  | 9-1   | 89      | 89      | 128     | 102     | 22.04  | cps   |
| Bismuth    | 209-1 | 6496589 | 6635434 | 6675687 | 6602570 | 1.42   | cps   |
| Bismuth    | 209-2 | 3706748 | 3680083 | 3706596 | 3697809 | 0.42   | cps   |
| Boron      | 10-1  | 117     | 117     | 233     | 156     | 43.30  | cps   |
| Boron      | 11-1  | 625     | 600     | 667     | 631     | 5.34   | cps   |
| Cadmium    | 111-1 | 8417    | 8367    | 8507    | 8430    | 0.84   | cps   |
| Cadmium    | 106-1 | 2967    | 2925    | 3059    | 2984    | 2.29   | cps   |
| Cadmium    | 108-1 | 488     | 433     | 492     | 471     | 6.91   | cps   |
| Calcium    | 43-1  | 34825   | 35677   | 35126   | 35210   | 1.23   | cps   |
| Calcium    | 44-1  | 573028  | 569345  | 577501  | 573291  | 0.71   | cps   |
| Chromium   | 52-2  | 447     | 387     | 387     | 407     | 8.52   | cps   |
| Cobalt     | 59-2  | 18395   | 18255   | 18118   | 18256   | 0.76   | cps   |
| Copper     | 63-2  | 53156   | 53585   | 53852   | 53531   | 0.66   | cps   |
| Dysprosium | 156-1 | 5560    | 5276    | 5518    | 5451    | 2.81   | cps   |
| Dysprosium | 156-2 | 2667    | 2624    | 2524    | 2605    | 2.82   | cps   |
| Erbium     | 164-1 | 5226    | 5710    | 5401    | 5446    | 4.50   | cps   |
| Erbium     | 164-2 | 2484    | 2427    | 2597    | 2502    | 3.46   | cps   |
| Gadolinium | 160-1 | 5526    | 5860    | 5843    | 5743    | 3.27   | cps   |
| Gadolinium | 160-2 | 2930    | 3034    | 3047    | 3004    | 2.13   | cps   |
| Holmium    | 165-1 | 9627767 | 9836422 | 9798261 | 9754150 | 1.14   | cps   |
| Holmium    | 165-2 | 4611187 | 4617723 | 4653804 | 4627571 | 0.50   | cps   |
| Indium     | 115-1 | 7008192 | 7225094 | 7220438 | 7151242 | 1.73   | cps   |
| Indium     | 115-2 | 1342864 | 1346412 | 1346046 | 1345107 | 0.15   | cps   |
| Iron       | 56-2  | 895771  | 897749  | 895188  | 896236  | 0.15   | cps   |
| Iron       | 57-2  | 22585   | 22763   | 22601   | 22649   | 0.43   | cps   |
| Lead       | 206-1 | 1111    | 1039    | 1133    | 1095    | 4.51   | cps   |
| Lead       | 207-1 | 1033    | 1000    | 833     | 956     | 11.21  | cps   |
| Lead       | 208-1 | 4139    | 4145    | 4067    | 4117    | 1.05   | cps   |
| Lithium    | 6-1   | 1056936 | 1072180 | 1077083 | 1068733 | 0.98   | cps   |
| Magnesium  | 24-2  | 98195   | 98254   | 97759   | 98069   | 0.28   | cps   |
| Manganese  | 55-2  | 1017397 | 1023017 | 1017162 | 1019192 | 0.33   | cps   |

|                         |                     |                   |                     |
|-------------------------|---------------------|-------------------|---------------------|
| LB Number :             | LB88853             | Operator :        | Jaswal              |
| Lab Sample ID :         | I4256-05DL2X250     | Instrumnet Name : | P7                  |
| Client Sample ID :      | MH0CC5              | Dilution Factor : | 250                 |
| Date & Time Acquired :: | 2017-07-19 18:07:56 | DataFile Name :   | 088SMPL_P7071917 -M |

| Parameter  | Mass  | CPS1    | CPS2     | CPS3     | CPSMean | CPSRSD | Units |
|------------|-------|---------|----------|----------|---------|--------|-------|
| Molybdenum | 94-1  | 325     | 250      | 217      | 264     | 21.03  | cps   |
| Molybdenum | 95-1  | 108     | 83       | 142      | 111     | 26.34  | cps   |
| Molybdenum | 96-1  | 67      | 92       | 108      | 89      | 23.59  | cps   |
| Molybdenum | 97-1  | 33      | 42       | 50       | 42      | 20.00  | cps   |
| Molybdenum | 98-1  | 25      | 33       | 50       | 36      | 35.25  | cps   |
| Neodymium  | 150-1 | 7269    | 6942     | 7162     | 7124    | 2.34   | cps   |
| Neodymium  | 150-2 | 2514    | 2514     | 2560     | 2529    | 1.07   | cps   |
| Nickel     | 60-2  | 1717    | 1713     | 1783     | 1738    | 2.27   | cps   |
| Phosphorus | 31-2  | 117     | 58       | 92       | 89      | 32.92  | cps   |
| Potassium  | 39-2  | 31142   | 32954    | 32027    | 32041   | 2.83   | cps   |
| Rhodium    | 103-1 | 6164149 | 6259070  | 6248322  | 6223847 | 0.84   | cps   |
| Rhodium    | 103-2 | 2831722 | 2853517  | 2847417  | 2844219 | 0.40   | cps   |
| Scandium   | 45-1  | 3464751 | 3554170  | 3578518  | 3532480 | 1.70   | cps   |
| Scandium   | 45-2  | 155510  | 157469   | 156267   | 156415  | 0.63   | cps   |
| Selenium   | 77-2  | 7       | 13       | 13       | 11      | 34.61  | cps   |
| Selenium   | 78-2  | 54      | 50       | 52       | 52      | 3.57   | cps   |
| Selenium   | 82-1  | 45      | 72       | 61       | 59      | 22.80  | cps   |
| Silicon    | 28-1  | 440277  | 440608   | 443147   | 441344  | 0.36   | cps   |
| Silver     | 109-1 | 117     | 125      | 100      | 114     | 11.18  | cps   |
| Silver     | 107-1 | 100     | 117      | 175      | 131     | 30.16  | cps   |
| Sodium     | 23-2  | 65184   | 64029    | 65317    | 64843   | 1.09   | cps   |
| Strontium  | 86-1  | 17586   | 17244    | 17194    | 17342   | 1.23   | cps   |
| Strontium  | 88-1  | 146569  | 147535   | 148974   | 147693  | 0.82   | cps   |
| Sulfur     | 34-1  | 327760  | 328542   | 324505   | 326936  | 0.65   | cps   |
| Terbium    | 159-1 | 9838632 | 10057273 | 10071795 | 9989234 | 1.31   | cps   |
| Terbium    | 159-2 | 4531238 | 4532962  | 4564196  | 4542799 | 0.41   | cps   |
| Thallium   | 203-1 | 333     | 383      | 317      | 344     | 10.07  | cps   |
| Thallium   | 205-1 | 658     | 725      | 858      | 747     | 13.63  | cps   |
| Tin        | 118-1 | 808     | 892      | 975      | 892     | 9.35   | cps   |
| Titanium   | 47-1  | 125     | 117      | 50       | 97      | 42.28  | cps   |
| Uranium    | 238-1 | 11756   | 11814    | 11022    | 11531   | 3.83   | cps   |
| Vanadium   | 51-2  | 20      | 10       | 10       | 13      | 43.30  | cps   |
| Yttrium    | 89-1  | 6920006 | 7029400  | 7104538  | 7017981 | 1.32   | cps   |
| Yttrium    | 89-2  | 982653  | 988328   | 995804   | 988928  | 0.67   | cps   |
| Zinc       | 66-2  | 226237  | 224402   | 225218   | 225286  | 0.41   | cps   |
| Zirconium  | 90-1  | 692     | 567      | 650      | 636     | 10.01  | cps   |

|                         |                     |                   |                     |
|-------------------------|---------------------|-------------------|---------------------|
| LB Number :             | LB88853             | Operator :        | Jaswal              |
| Lab Sample ID :         | I4256-05DL2X250     | Instrumnet Name : | P7                  |
| Client Sample ID :      | MH0CC5              | Dilution Factor : | 250                 |
| Date & Time Acquired :: | 2017-07-19 18:07:56 | DataFile Name :   | 088SMPL_P7071917 -M |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|-----------|------|------|------|------|---------|--------|-------|
| Zirconium | 91-1 | 125  | 100  | 183  | 136     | 31.41  | cps   |

|                         |                     |                   |                      |
|-------------------------|---------------------|-------------------|----------------------|
| LB Number :             | LB88853             | Operator :        | Jaswal               |
| Lab Sample ID :         | CCV36               | Instrumnet Name : | P7                   |
| Client Sample ID :      | CCV36               | Dilution Factor : | 1                    |
| Date & Time Acquired :: | 2017-07-19 18:11:25 | DataFile Name :   | 089CCV_P7071917 -MS. |

| Parameter  | Mass  | CPS1      | CPS2      | CPS3      | CPSMean   | CPSRSD | Units |
|------------|-------|-----------|-----------|-----------|-----------|--------|-------|
| Aluminium  | 27-2  | 2657454   | 2685252   | 2657518   | 2666742   | 0.60   | cps   |
| Antimony   | 121-1 | 3582502   | 3616505   | 3643253   | 3614087   | 0.84   | cps   |
| Arsenic    | 75-2  | 103323    | 104886    | 104335    | 104181    | 0.76   | cps   |
| Barium     | 135-1 | 4709517   | 4735590   | 4721136   | 4722081   | 0.28   | cps   |
| Barium     | 137-1 | 8270441   | 8321461   | 8238819   | 8276907   | 0.50   | cps   |
| Beryllium  | 9-1   | 427889    | 428684    | 430240    | 428938    | 0.28   | cps   |
| Bismuth    | 209-1 | 5907659   | 5666720   | 5816775   | 5797051   | 2.10   | cps   |
| Bismuth    | 209-2 | 3210449   | 3191217   | 3189602   | 3197089   | 0.36   | cps   |
| Boron      | 10-1  | 44959     | 45929     | 47458     | 46116     | 2.73   | cps   |
| Boron      | 11-1  | 225109    | 231189    | 232697    | 229665    | 1.75   | cps   |
| Cadmium    | 111-1 | 799699    | 801479    | 804859    | 802012    | 0.33   | cps   |
| Cadmium    | 106-1 | 87957     | 86455     | 89255     | 87889     | 1.59   | cps   |
| Cadmium    | 108-1 | 57173     | 56847     | 57709     | 57243     | 0.76   | cps   |
| Calcium    | 43-1  | 4431604   | 4450031   | 4446708   | 4442781   | 0.22   | cps   |
| Calcium    | 44-1  | 70901083  | 71144075  | 71034466  | 71026541  | 0.17   | cps   |
| Chromium   | 52-2  | 894522    | 901486    | 897741    | 897917    | 0.39   | cps   |
| Cobalt     | 59-2  | 1413782   | 1418877   | 1424791   | 1419150   | 0.39   | cps   |
| Copper     | 63-2  | 1967078   | 1984935   | 1994438   | 1982151   | 0.70   | cps   |
| Dysprosium | 156-1 | 200       | 233       | 117       | 183       | 32.78  | cps   |
| Dysprosium | 156-2 | 47        | 73        | 80        | 67        | 26.45  | cps   |
| Erbium     | 164-1 | 75        | 92        | 142       | 103       | 33.76  | cps   |
| Erbium     | 164-2 | 67        | 13        | 7         | 29        | 113.84 | cps   |
| Gadolinium | 160-1 | 67        | 83        | 92        | 81        | 15.80  | cps   |
| Gadolinium | 160-2 | 110       | 83        | 113       | 102       | 16.08  | cps   |
| Holmium    | 165-1 | 9395839   | 9096289   | 9319127   | 9270418   | 1.68   | cps   |
| Holmium    | 165-2 | 4409615   | 4387365   | 4370643   | 4389208   | 0.45   | cps   |
| Indium     | 115-1 | 6671790   | 6360529   | 6620877   | 6551065   | 2.55   | cps   |
| Indium     | 115-2 | 1228694   | 1222969   | 1221894   | 1224519   | 0.30   | cps   |
| Iron       | 56-2  | 176834954 | 176650365 | 179116004 | 177533774 | 0.77   | cps   |
| Iron       | 57-2  | 4434871   | 4456059   | 4458651   | 4449861   | 0.29   | cps   |
| Lead       | 206-1 | 3096644   | 3087809   | 3081141   | 3088531   | 0.25   | cps   |
| Lead       | 207-1 | 2847615   | 2832389   | 2828021   | 2836008   | 0.36   | cps   |
| Lead       | 208-1 | 12867487  | 12773535  | 12823064  | 12821362  | 0.37   | cps   |
| Lithium    | 6-1   | 1028386   | 1006863   | 1024792   | 1020014   | 1.13   | cps   |
| Magnesium  | 24-2  | 29926600  | 30242679  | 30245202  | 30138160  | 0.61   | cps   |
| Manganese  | 55-2  | 1014607   | 1026978   | 1027457   | 1023014   | 0.71   | cps   |

|                         |                     |                   |                      |
|-------------------------|---------------------|-------------------|----------------------|
| LB Number :             | LB88853             | Operator :        | Jaswal               |
| Lab Sample ID :         | CCV36               | Instrumnet Name : | P7                   |
| Client Sample ID :      | CCV36               | Dilution Factor : | 1                    |
| Date & Time Acquired :: | 2017-07-19 18:11:25 | DataFile Name :   | 089CCV_P7071917 -MS. |

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|------------|-------|----------|----------|----------|----------|--------|-------|
| Molybdenum | 94-1  | 3002926  | 3013408  | 3015203  | 3010512  | 0.22   | cps   |
| Molybdenum | 95-1  | 1707611  | 1718880  | 1707074  | 1711188  | 0.39   | cps   |
| Molybdenum | 96-1  | 2159713  | 2166920  | 2169726  | 2165453  | 0.24   | cps   |
| Molybdenum | 97-1  | 1048623  | 1062677  | 1055985  | 1055762  | 0.67   | cps   |
| Molybdenum | 98-1  | 2765399  | 2776626  | 2761492  | 2767839  | 0.28   | cps   |
| Neodymium  | 150-1 | 573      | 333      | 447      | 451      | 26.62  | cps   |
| Neodymium  | 150-2 | 40       | 37       | 47       | 41       | 12.39  | cps   |
| Nickel     | 60-2  | 366594   | 369869   | 370067   | 368843   | 0.53   | cps   |
| Phosphorus | 31-2  | 27459    | 28319    | 28086    | 27955    | 1.59   | cps   |
| Potassium  | 39-2  | 15874371 | 16112555 | 16067276 | 16018067 | 0.79   | cps   |
| Rhodium    | 103-1 | 5571491  | 5371542  | 5532755  | 5491929  | 1.93   | cps   |
| Rhodium    | 103-2 | 2512987  | 2490673  | 2506995  | 2503552  | 0.46   | cps   |
| Scandium   | 45-1  | 3482353  | 3391082  | 3462434  | 3445289  | 1.39   | cps   |
| Scandium   | 45-2  | 153691   | 152266   | 155301   | 153753   | 0.99   | cps   |
| Selenium   | 77-2  | 1957     | 2140     | 2024     | 2040     | 4.55   | cps   |
| Selenium   | 78-2  | 7065     | 7226     | 7446     | 7246     | 2.64   | cps   |
| Selenium   | 82-1  | 47277    | 47080    | 47418    | 47258    | 0.36   | cps   |
| Silicon    | 28-1  | 2027874  | 2041933  | 2070269  | 2046692  | 1.06   | cps   |
| Silver     | 109-1 | 3787933  | 3792293  | 3776623  | 3785616  | 0.21   | cps   |
| Silver     | 107-1 | 3937380  | 3934512  | 3966847  | 3946247  | 0.45   | cps   |
| Sodium     | 23-2  | 56960635 | 57030933 | 56730803 | 56907457 | 0.28   | cps   |
| Strontium  | 86-1  | 1112926  | 1117840  | 1114555  | 1115107  | 0.22   | cps   |
| Strontium  | 88-1  | 9866856  | 9954034  | 9933979  | 9918290  | 0.46   | cps   |
| Sulfur     | 34-1  | 444972   | 452748   | 451840   | 449853   | 0.95   | cps   |
| Terbium    | 159-1 | 9621767  | 9338985  | 9526135  | 9495629  | 1.51   | cps   |
| Terbium    | 159-2 | 4289419  | 4292422  | 4290183  | 4290675  | 0.04   | cps   |
| Thallium   | 203-1 | 3821737  | 3795669  | 3815019  | 3810808  | 0.36   | cps   |
| Thallium   | 205-1 | 9213345  | 9207183  | 9114960  | 9178496  | 0.60   | cps   |
| Tin        | 118-1 | 2949407  | 2950660  | 2962398  | 2954155  | 0.24   | cps   |
| Titanium   | 47-1  | 416104   | 414399   | 416614   | 415706   | 0.28   | cps   |
| Uranium    | 238-1 | 13775123 | 13833044 | 13629472 | 13745879 | 0.76   | cps   |
| Vanadium   | 51-2  | 741251   | 745005   | 743818   | 743358   | 0.26   | cps   |
| Yttrium    | 89-1  | 6705762  | 6500713  | 6641298  | 6615924  | 1.58   | cps   |
| Yttrium    | 89-2  | 939934   | 931983   | 934304   | 935407   | 0.44   | cps   |
| Zinc       | 66-2  | 268927   | 272693   | 272546   | 271389   | 0.79   | cps   |
| Zirconium  | 90-1  | 5533171  | 5550192  | 5586291  | 5556551  | 0.49   | cps   |

|                         |                     |                   |                      |
|-------------------------|---------------------|-------------------|----------------------|
| LB Number :             | LB88853             | Operator :        | Jaswal               |
| Lab Sample ID :         | CCV36               | Instrumnet Name : | P7                   |
| Client Sample ID :      | CCV36               | Dilution Factor : | 1                    |
| Date & Time Acquired :: | 2017-07-19 18:11:25 | DataFile Name :   | 089CCV_P7071917 -MS. |

| Parameter | Mass | CPS1    | CPS2    | CPS3    | CPSMean | CPSRSD | Units |
|-----------|------|---------|---------|---------|---------|--------|-------|
| Zirconium | 91-1 | 1226584 | 1232835 | 1233740 | 1231053 | 0.32   | cps   |

|                         |                     |                   |                     |
|-------------------------|---------------------|-------------------|---------------------|
| LB Number :             | LB88853             | Operator :        | Jaswal              |
| Lab Sample ID :         | CCB36               | Instrumnet Name : | P7                  |
| Client Sample ID :      | CCB36               | Dilution Factor : | 1                   |
| Date & Time Acquired :: | 2017-07-19 18:28:47 | DataFile Name :   | 090CCBE_P7071917 -M |

| Parameter  | Mass  | CPS1    | CPS2    | CPS3    | CPSMean | CPSRSD | Units |
|------------|-------|---------|---------|---------|---------|--------|-------|
| Aluminium  | 27-2  | 50      | 50      | 33      | 44      | 21.66  | cps   |
| Antimony   | 121-1 | 900     | 792     | 875     | 856     | 6.63   | cps   |
| Arsenic    | 75-2  | 9       | 13      | 6       | 9       | 39.96  | cps   |
| Barium     | 135-1 | 33      | 33      | 42      | 36      | 13.33  | cps   |
| Barium     | 137-1 | 42      | 33      | 42      | 39      | 12.38  | cps   |
| Beryllium  | 9-1   | 139     | 128     | 83      | 117     | 25.19  | cps   |
| Bismuth    | 209-1 | 6382162 | 6365134 | 6403680 | 6383659 | 0.30   | cps   |
| Bismuth    | 209-2 | 3515492 | 3490806 | 3500273 | 3502190 | 0.36   | cps   |
| Boron      | 10-1  | 317     | 283     | 258     | 286     | 10.23  | cps   |
| Boron      | 11-1  | 1525    | 1892    | 1633    | 1684    | 11.19  | cps   |
| Cadmium    | 111-1 | 1427    | 1438    | 1452    | 1439    | 0.86   | cps   |
| Cadmium    | 106-1 | 2034    | 2059    | 2059    | 2050    | 0.70   | cps   |
| Cadmium    | 108-1 | 13      | 17      | 8       | 13      | 33.36  | cps   |
| Calcium    | 43-1  | 217     | 208     | 142     | 189     | 21.76  | cps   |
| Calcium    | 44-1  | 3717    | 3934    | 3801    | 3817    | 2.86   | cps   |
| Chromium   | 52-2  | 457     | 417     | 393     | 422     | 7.59   | cps   |
| Cobalt     | 59-2  | 103     | 130     | 127     | 120     | 12.11  | cps   |
| Copper     | 63-2  | 687     | 703     | 660     | 683     | 3.20   | cps   |
| Dysprosium | 156-1 | 17      | 17      | 17      | 17      | 0.00   | cps   |
| Dysprosium | 156-2 | 7       | 0       | 0       | 2       | 173.21 | cps   |
| Erbium     | 164-1 | 58      | 0       | 42      | 33      | 90.14  | cps   |
| Erbium     | 164-2 | 13      | 13      | 17      | 14      | 13.35  | cps   |
| Gadolinium | 160-1 | 25      | 50      | 25      | 33      | 43.30  | cps   |
| Gadolinium | 160-2 | 90      | 93      | 77      | 87      | 10.18  | cps   |
| Holmium    | 165-1 | 9388943 | 9330753 | 9429019 | 9382905 | 0.53   | cps   |
| Holmium    | 165-2 | 4397269 | 4385714 | 4395986 | 4392990 | 0.14   | cps   |
| Indium     | 115-1 | 6896847 | 6842916 | 6882411 | 6874058 | 0.41   | cps   |
| Indium     | 115-2 | 1270099 | 1271729 | 1279605 | 1273811 | 0.40   | cps   |
| Iron       | 56-2  | 5145    | 5290    | 5540    | 5325    | 3.75   | cps   |
| Iron       | 57-2  | 228     | 278     | 328     | 278     | 18.00  | cps   |
| Lead       | 206-1 | 922     | 978     | 895     | 932     | 4.56   | cps   |
| Lead       | 207-1 | 756     | 922     | 950     | 876     | 12.01  | cps   |
| Lead       | 208-1 | 3600    | 3806    | 3817    | 3741    | 3.26   | cps   |
| Lithium    | 6-1   | 1024244 | 1023689 | 1024972 | 1024301 | 0.06   | cps   |
| Magnesium  | 24-2  | 1008    | 850     | 1042    | 967     | 10.59  | cps   |
| Manganese  | 55-2  | 803     | 930     | 947     | 893     | 8.77   | cps   |

|                         |                     |                   |                     |
|-------------------------|---------------------|-------------------|---------------------|
| LB Number :             | LB88853             | Operator :        | Jaswal              |
| Lab Sample ID :         | CCB36               | Instrumnet Name : | P7                  |
| Client Sample ID :      | CCB36               | Dilution Factor : | 1                   |
| Date & Time Acquired :: | 2017-07-19 18:28:47 | DataFile Name :   | 090CCBE_P7071917 -M |

| Parameter  | Mass  | CPS1    | CPS2    | CPS3    | CPSMean | CPSRSD  | Units |
|------------|-------|---------|---------|---------|---------|---------|-------|
| Molybdenum | 94-1  | 675     | 592     | 508     | 592     | 14.08   | cps   |
| Molybdenum | 95-1  | 117     | 92      | 125     | 111     | 15.61   | cps   |
| Molybdenum | 96-1  | 233     | 225     | 150     | 203     | 22.63   | cps   |
| Molybdenum | 97-1  | 50      | 75      | 92      | 72      | 29.04   | cps   |
| Molybdenum | 98-1  | 100     | 125     | 217     | 147     | 41.72   | cps   |
| Neodymium  | 150-1 | 7       | 0       | 0       | 2       | 173.21  | cps   |
| Neodymium  | 150-2 | 0       | 3       | 0       | 1       | 173.21  | cps   |
| Nickel     | 60-2  | 270     | 240     | 307     | 272     | 12.27   | cps   |
| Phosphorus | 31-2  | 92      | 50      | 108     | 83      | 36.06   | cps   |
| Potassium  | 39-2  | 23561   | 24354   | 25339   | 24418   | 3.65    | cps   |
| Rhodium    | 103-1 | 5960883 | 5885202 | 5933448 | 5926511 | 0.65    | cps   |
| Rhodium    | 103-2 | 2709113 | 2677300 | 2706139 | 2697517 | 0.65    | cps   |
| Scandium   | 45-1  | 3409871 | 3372071 | 3389749 | 3390564 | 0.56    | cps   |
| Scandium   | 45-2  | 147341  | 148266  | 150208  | 148605  | 0.98    | cps   |
| Selenium   | 77-2  | 0       | 0       | 0       | 0       | 0.00    | cps   |
| Selenium   | 78-2  | 54      | 44      | 44      | 48      | 11.25   | cps   |
| Selenium   | 82-1  | -11     | -67     | 36      | -14     | -365.20 | cps   |
| Silicon    | 28-1  | 244615  | 244156  | 241505  | 243425  | 0.69    | cps   |
| Silver     | 109-1 | 67      | 192     | 125     | 128     | 48.95   | cps   |
| Silver     | 107-1 | 133     | 125     | 92      | 117     | 18.90   | cps   |
| Sodium     | 23-2  | 9637    | 9812    | 9537    | 9662    | 1.44    | cps   |
| Strontium  | 86-1  | 700     | 683     | 650     | 678     | 3.76    | cps   |
| Strontium  | 88-1  | 258     | 233     | 217     | 236     | 8.88    | cps   |
| Sulfur     | 34-1  | 214278  | 212275  | 214236  | 213596  | 0.54    | cps   |
| Terbium    | 159-1 | 9595028 | 9493265 | 9523191 | 9537161 | 0.55    | cps   |
| Terbium    | 159-2 | 4310611 | 4300328 | 4319765 | 4310235 | 0.23    | cps   |
| Thallium   | 203-1 | 225     | 267     | 292     | 261     | 12.90   | cps   |
| Thallium   | 205-1 | 758     | 742     | 850     | 783     | 7.45    | cps   |
| Tin        | 118-1 | 2245    | 1083    | 1433    | 1587    | 37.54   | cps   |
| Titanium   | 47-1  | 58      | 92      | 67      | 72      | 24.02   | cps   |
| Uranium    | 238-1 | 33      | 58      | 67      | 53      | 32.88   | cps   |
| Vanadium   | 51-2  | 7       | 0       | 10      | 6       | 91.64   | cps   |
| Yttrium    | 89-1  | 6711221 | 6619663 | 6680046 | 6670310 | 0.70    | cps   |
| Yttrium    | 89-2  | 933746  | 924754  | 932952  | 930484  | 0.53    | cps   |
| Zinc       | 66-2  | 223     | 143     | 187     | 184     | 21.71   | cps   |
| Zirconium  | 90-1  | 1367    | 1500    | 1417    | 1428    | 4.72    | cps   |



|                         |                     |                   |                      |
|-------------------------|---------------------|-------------------|----------------------|
| LB Number :             | LB88853             | Operator :        | Jaswal               |
| Lab Sample ID :         | CCB36               | Instrumnet Name : | P7                   |
| Client Sample ID :      | CCB36               | Dilution Factor : | 1                    |
| Date & Time Acquired :: | 2017-07-19 18:28:47 | DataFile Name :   | 090CCBE_P7071917 -M: |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|-----------|------|------|------|------|---------|--------|-------|
| Zirconium | 91-1 | 400  | 308  | 300  | 336     | 16.51  | cps   |

LB Number : LB88853 Operator : Jaswal  
 Lab Sample ID : I4255-03A Instrumnet Name : P7  
 Client Sample ID : MH0CC4A Dilution Factor : 1  
 Date & Time Acquired :: 2017-07-19 18:32:55 DataFile Name : 091SMPL\_P7071917 -M

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|------------|-------|----------|----------|----------|----------|--------|-------|
| Aluminium  | 27-2  | 2139085  | 2126772  | 2136507  | 2134121  | 0.30   | cps   |
| Antimony   | 121-1 | 32330    | 32706    | 32505    | 32514    | 0.58   | cps   |
| Arsenic    | 75-2  | 152815   | 153223   | 154095   | 153378   | 0.43   | cps   |
| Barium     | 135-1 | 34527    | 34511    | 34068    | 34369    | 0.76   | cps   |
| Barium     | 137-1 | 60634    | 59420    | 60483    | 60179    | 1.10   | cps   |
| Beryllium  | 9-1   | 12528    | 12127    | 12161    | 12272    | 1.81   | cps   |
| Bismuth    | 209-1 | 6946541  | 6934978  | 6934279  | 6938599  | 0.10   | cps   |
| Bismuth    | 209-2 | 3695048  | 3708692  | 3715216  | 3706319  | 0.28   | cps   |
| Boron      | 10-1  | 1225     | 1167     | 1325     | 1239     | 6.46   | cps   |
| Boron      | 11-1  | 6627     | 6860     | 6477     | 6655     | 2.90   | cps   |
| Cadmium    | 111-1 | 433818   | 430293   | 433273   | 432461   | 0.44   | cps   |
| Cadmium    | 106-1 | 47080    | 45850    | 46678    | 46536    | 1.35   | cps   |
| Cadmium    | 108-1 | 29331    | 28454    | 29026    | 28937    | 1.54   | cps   |
| Calcium    | 43-1  | 2114798  | 2093598  | 2074650  | 2094349  | 0.96   | cps   |
| Calcium    | 44-1  | 34126427 | 33829385 | 33723785 | 33893199 | 0.62   | cps   |
| Chromium   | 52-2  | 9487     | 9186     | 9023     | 9232     | 2.55   | cps   |
| Cobalt     | 59-2  | 394545   | 396335   | 394750   | 395210   | 0.25   | cps   |
| Copper     | 63-2  | 3710984  | 3721536  | 3714613  | 3715711  | 0.14   | cps   |
| Dysprosium | 156-1 | 1127454  | 1123182  | 1122398  | 1124345  | 0.24   | cps   |
| Dysprosium | 156-2 | 542844   | 538284   | 543036   | 541388   | 0.50   | cps   |
| Erbium     | 164-1 | 1085013  | 1071006  | 1068162  | 1074727  | 0.84   | cps   |
| Erbium     | 164-2 | 485616   | 484600   | 492933   | 487716   | 0.93   | cps   |
| Gadolinium | 160-1 | 1254988  | 1259347  | 1244332  | 1252889  | 0.62   | cps   |
| Gadolinium | 160-2 | 632278   | 636121   | 637318   | 635239   | 0.41   | cps   |
| Holmium    | 165-1 | 11187026 | 11029296 | 11146815 | 11121045 | 0.74   | cps   |
| Holmium    | 165-2 | 5097012  | 5118702  | 5143692  | 5119802  | 0.46   | cps   |
| Indium     | 115-1 | 7558660  | 7489230  | 7561970  | 7536620  | 0.54   | cps   |
| Indium     | 115-2 | 1368625  | 1369724  | 1372852  | 1370400  | 0.16   | cps   |
| Iron       | 56-2  | 12732303 | 12805971 | 12750164 | 12762813 | 0.30   | cps   |
| Iron       | 57-2  | 320141   | 322527   | 319028   | 320565   | 0.56   | cps   |
| Lead       | 206-1 | 966471   | 962891   | 957856   | 962406   | 0.45   | cps   |
| Lead       | 207-1 | 841679   | 839959   | 831880   | 837839   | 0.62   | cps   |
| Lead       | 208-1 | 3879248  | 3867481  | 3844143  | 3863624  | 0.46   | cps   |
| Lithium    | 6-1   | 1103966  | 1097876  | 1085737  | 1095860  | 0.85   | cps   |
| Magnesium  | 24-2  | 5947029  | 5976722  | 5923860  | 5949204  | 0.45   | cps   |
| Manganese  | 55-2  | 68104221 | 67856219 | 67819642 | 67926694 | 0.23   | cps   |

|                         |                     |                   |                     |
|-------------------------|---------------------|-------------------|---------------------|
| LB Number :             | LB88853             | Operator :        | Jaswal              |
| Lab Sample ID :         | I4255-03A           | Instrumnet Name : | P7                  |
| Client Sample ID :      | MH0CC4A             | Dilution Factor : | 1                   |
| Date & Time Acquired :: | 2017-07-19 18:32:55 | DataFile Name :   | 091SMPL_P7071917 -M |

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|------------|-------|----------|----------|----------|----------|--------|-------|
| Molybdenum | 94-1  | 6852     | 6794     | 6285     | 6643     | 4.69   | cps   |
| Molybdenum | 95-1  | 4568     | 4776     | 4693     | 4679     | 2.24   | cps   |
| Molybdenum | 96-1  | 1400     | 1700     | 1425     | 1508     | 11.04  | cps   |
| Molybdenum | 97-1  | 175      | 150      | 192      | 172      | 12.18  | cps   |
| Molybdenum | 98-1  | 342      | 467      | 483      | 431      | 17.98  | cps   |
| Neodymium  | 150-1 | 1646788  | 1629683  | 1641116  | 1639196  | 0.53   | cps   |
| Neodymium  | 150-2 | 594067   | 595356   | 598176   | 595866   | 0.35   | cps   |
| Nickel     | 60-2  | 69909    | 69825    | 69785    | 69840    | 0.09   | cps   |
| Phosphorus | 31-2  | 342      | 317      | 308      | 322      | 5.38   | cps   |
| Potassium  | 39-2  | 684681   | 679796   | 682136   | 682204   | 0.36   | cps   |
| Rhodium    | 103-1 | 6397049  | 6329841  | 6355810  | 6360900  | 0.53   | cps   |
| Rhodium    | 103-2 | 2821526  | 2831709  | 2833348  | 2828861  | 0.23   | cps   |
| Scandium   | 45-1  | 3856116  | 3803419  | 3803249  | 3820928  | 0.80   | cps   |
| Scandium   | 45-2  | 161442   | 161341   | 162136   | 161639   | 0.27   | cps   |
| Selenium   | 77-2  | 1837     | 1887     | 1937     | 1887     | 2.65   | cps   |
| Selenium   | 78-2  | 1182     | 1152     | 1176     | 1170     | 1.35   | cps   |
| Selenium   | 82-1  | 1981     | 2298     | 1880     | 2053     | 10.62  | cps   |
| Silicon    | 28-1  | 34115342 | 33809795 | 33670921 | 33865352 | 0.67   | cps   |
| Silver     | 109-1 | 5468     | 4984     | 5151     | 5201     | 4.72   | cps   |
| Silver     | 107-1 | 5393     | 5793     | 5876     | 5688     | 4.54   | cps   |
| Sodium     | 23-2  | 3381305  | 3365979  | 3382814  | 3376699  | 0.28   | cps   |
| Strontium  | 86-1  | 825639   | 817057   | 820634   | 821110   | 0.52   | cps   |
| Strontium  | 88-1  | 7335986  | 7279641  | 7298649  | 7304758  | 0.39   | cps   |
| Sulfur     | 34-1  | 7186338  | 7156545  | 7181872  | 7174918  | 0.22   | cps   |
| Terbium    | 159-1 | 11457154 | 11434870 | 11365262 | 11419095 | 0.42   | cps   |
| Terbium    | 159-2 | 5023887  | 5028926  | 5052030  | 5034947  | 0.30   | cps   |
| Thallium   | 203-1 | 1734     | 1667     | 1500     | 1634     | 7.36   | cps   |
| Thallium   | 205-1 | 4001     | 3451     | 3376     | 3609     | 9.46   | cps   |
| Tin        | 118-1 | 942      | 842      | 1025     | 936      | 9.81   | cps   |
| Titanium   | 47-1  | 1217     | 1042     | 1117     | 1125     | 7.80   | cps   |
| Uranium    | 238-1 | 2838502  | 2824832  | 2816557  | 2826630  | 0.39   | cps   |
| Vanadium   | 51-2  | 153      | 133      | 160      | 149      | 9.32   | cps   |
| Yttrium    | 89-1  | 21600431 | 21501791 | 21395634 | 21499285 | 0.48   | cps   |
| Yttrium    | 89-2  | 2947115  | 2979079  | 2985477  | 2970557  | 0.69   | cps   |
| Zinc       | 66-2  | 10287621 | 10346482 | 10215219 | 10283107 | 0.64   | cps   |
| Zirconium  | 90-1  | 18179    | 17670    | 17904    | 17917    | 1.42   | cps   |

|                         |                     |                   |                     |
|-------------------------|---------------------|-------------------|---------------------|
| LB Number :             | LB88853             | Operator :        | Jaswal              |
| Lab Sample ID :         | I4255-03A           | Instrumnet Name : | P7                  |
| Client Sample ID :      | MH0CC4A             | Dilution Factor : | 1                   |
| Date & Time Acquired :: | 2017-07-19 18:32:55 | DataFile Name :   | 091SMPL_P7071917 -M |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|-----------|------|------|------|------|---------|--------|-------|
| Zirconium | 91-1 | 4242 | 4309 | 4242 | 4265    | 0.90   | cps   |

|                         |                     |                   |                     |
|-------------------------|---------------------|-------------------|---------------------|
| LB Number :             | LB88853             | Operator :        | Jaswal              |
| Lab Sample ID :         | I4256-02A           | Instrumnet Name : | P7                  |
| Client Sample ID :      | MH0CC3A             | Dilution Factor : | 1                   |
| Date & Time Acquired :: | 2017-07-19 18:36:20 | DataFile Name :   | 092SMPL_P7071917 -M |

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|------------|-------|----------|----------|----------|----------|--------|-------|
| Aluminium  | 27-2  | 2121414  | 2129237  | 2112788  | 2121146  | 0.39   | cps   |
| Antimony   | 121-1 | 31027    | 31929    | 30526    | 31161    | 2.28   | cps   |
| Arsenic    | 75-2  | 147281   | 148660   | 146681   | 147541   | 0.69   | cps   |
| Barium     | 135-1 | 35371    | 35078    | 34803    | 35084    | 0.81   | cps   |
| Barium     | 137-1 | 60767    | 60373    | 60934    | 60691    | 0.47   | cps   |
| Beryllium  | 9-1   | 12528    | 12594    | 12606    | 12576    | 0.33   | cps   |
| Bismuth    | 209-1 | 6931746  | 6940471  | 6850771  | 6907662  | 0.72   | cps   |
| Bismuth    | 209-2 | 3633987  | 3706053  | 3590995  | 3643678  | 1.60   | cps   |
| Boron      | 10-1  | 1375     | 1300     | 1142     | 1272     | 9.36   | cps   |
| Boron      | 11-1  | 6410     | 6727     | 6777     | 6638     | 3.00   | cps   |
| Cadmium    | 111-1 | 441501   | 441190   | 437530   | 440074   | 0.50   | cps   |
| Cadmium    | 106-1 | 47146    | 46987    | 46520    | 46884    | 0.69   | cps   |
| Cadmium    | 108-1 | 30562    | 29936    | 30120    | 30206    | 1.07   | cps   |
| Calcium    | 43-1  | 2133062  | 2131757  | 2110005  | 2124941  | 0.61   | cps   |
| Calcium    | 44-1  | 34424278 | 34519747 | 34315707 | 34419910 | 0.30   | cps   |
| Chromium   | 52-2  | 9246     | 8926     | 8906     | 9026     | 2.12   | cps   |
| Cobalt     | 59-2  | 396583   | 400329   | 393212   | 396708   | 0.90   | cps   |
| Copper     | 63-2  | 3717198  | 3734152  | 3720353  | 3723901  | 0.24   | cps   |
| Dysprosium | 156-1 | 1155089  | 1138912  | 1138089  | 1144030  | 0.84   | cps   |
| Dysprosium | 156-2 | 539224   | 548185   | 538017   | 541809   | 1.03   | cps   |
| Erbium     | 164-1 | 1099542  | 1085079  | 1086316  | 1090312  | 0.74   | cps   |
| Erbium     | 164-2 | 488312   | 492270   | 483557   | 488046   | 0.89   | cps   |
| Gadolinium | 160-1 | 1277783  | 1252906  | 1275886  | 1268858  | 1.09   | cps   |
| Gadolinium | 160-2 | 631596   | 639698   | 630455   | 633917   | 0.79   | cps   |
| Holmium    | 165-1 | 11167318 | 11013800 | 11035995 | 11072371 | 0.75   | cps   |
| Holmium    | 165-2 | 5011780  | 5106005  | 4911362  | 5009715  | 1.94   | cps   |
| Indium     | 115-1 | 7491980  | 7468414  | 7464439  | 7474944  | 0.20   | cps   |
| Indium     | 115-2 | 1349751  | 1365470  | 1329237  | 1348153  | 1.35   | cps   |
| Iron       | 56-2  | 12474726 | 12491310 | 12382758 | 12449598 | 0.47   | cps   |
| Iron       | 57-2  | 309493   | 311780   | 309311   | 310195   | 0.44   | cps   |
| Lead       | 206-1 | 959647   | 959452   | 946128   | 955075   | 0.81   | cps   |
| Lead       | 207-1 | 836383   | 829874   | 822933   | 829730   | 0.81   | cps   |
| Lead       | 208-1 | 3842215  | 3834928  | 3794590  | 3823911  | 0.67   | cps   |
| Lithium    | 6-1   | 1087087  | 1080001  | 1081435  | 1082841  | 0.35   | cps   |
| Magnesium  | 24-2  | 5924203  | 5938693  | 5873107  | 5912001  | 0.58   | cps   |
| Manganese  | 55-2  | 67905527 | 67817951 | 67224834 | 67649437 | 0.55   | cps   |

|                         |                     |                   |                     |
|-------------------------|---------------------|-------------------|---------------------|
| LB Number :             | LB88853             | Operator :        | Jaswal              |
| Lab Sample ID :         | I4256-02A           | Instrumnet Name : | P7                  |
| Client Sample ID :      | MH0CC3A             | Dilution Factor : | 1                   |
| Date & Time Acquired :: | 2017-07-19 18:36:20 | DataFile Name :   | 092SMPL_P7071917 -M |

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|------------|-------|----------|----------|----------|----------|--------|-------|
| Molybdenum | 94-1  | 6644     | 6143     | 6569     | 6452     | 4.18   | cps   |
| Molybdenum | 95-1  | 5318     | 4901     | 5143     | 5121     | 4.09   | cps   |
| Molybdenum | 96-1  | 1584     | 1417     | 1308     | 1436     | 9.65   | cps   |
| Molybdenum | 97-1  | 133      | 83       | 158      | 125      | 30.55  | cps   |
| Molybdenum | 98-1  | 308      | 258      | 342      | 303      | 13.85  | cps   |
| Neodymium  | 150-1 | 1683785  | 1665066  | 1642549  | 1663800  | 1.24   | cps   |
| Neodymium  | 150-2 | 592241   | 595619   | 589735   | 592532   | 0.50   | cps   |
| Nickel     | 60-2  | 69273    | 69728    | 70381    | 69794    | 0.80   | cps   |
| Phosphorus | 31-2  | 233      | 358      | 175      | 256      | 36.65  | cps   |
| Potassium  | 39-2  | 677030   | 683998   | 678159   | 679729   | 0.55   | cps   |
| Rhodium    | 103-1 | 6369487  | 6315064  | 6316535  | 6333695  | 0.49   | cps   |
| Rhodium    | 103-2 | 2798315  | 2826288  | 2764301  | 2796301  | 1.11   | cps   |
| Scandium   | 45-1  | 3811948  | 3800739  | 3793946  | 3802211  | 0.24   | cps   |
| Scandium   | 45-2  | 160501   | 162124   | 155055   | 159227   | 2.33   | cps   |
| Selenium   | 77-2  | 1897     | 1927     | 1877     | 1900     | 1.32   | cps   |
| Selenium   | 78-2  | 1152     | 1182     | 1159     | 1164     | 1.32   | cps   |
| Selenium   | 82-1  | 2183     | 2199     | 2082     | 2155     | 2.94   | cps   |
| Silicon    | 28-1  | 34186866 | 34092056 | 33924511 | 34067811 | 0.39   | cps   |
| Silver     | 109-1 | 5101     | 5393     | 5193     | 5229     | 2.85   | cps   |
| Silver     | 107-1 | 5885     | 6568     | 6535     | 6329     | 6.09   | cps   |
| Sodium     | 23-2  | 3369491  | 3369425  | 3342381  | 3360433  | 0.47   | cps   |
| Strontium  | 86-1  | 845008   | 841366   | 826091   | 837488   | 1.20   | cps   |
| Strontium  | 88-1  | 7485314  | 7528703  | 7379849  | 7464622  | 1.03   | cps   |
| Sulfur     | 34-1  | 7286095  | 7297243  | 7226957  | 7270099  | 0.52   | cps   |
| Terbium    | 159-1 | 11337089 | 11241116 | 11405904 | 11328036 | 0.73   | cps   |
| Terbium    | 159-2 | 4926701  | 5022308  | 4884789  | 4944599  | 1.43   | cps   |
| Thallium   | 203-1 | 975      | 992      | 1067     | 1011     | 4.83   | cps   |
| Thallium   | 205-1 | 2842     | 2800     | 2900     | 2848     | 1.76   | cps   |
| Tin        | 118-1 | 817      | 833      | 742      | 797      | 6.13   | cps   |
| Titanium   | 47-1  | 1242     | 1342     | 1142     | 1242     | 8.05   | cps   |
| Uranium    | 238-1 | 2896371  | 2885879  | 2855396  | 2879215  | 0.74   | cps   |
| Vanadium   | 51-2  | 143      | 123      | 93       | 120      | 20.97  | cps   |
| Yttrium    | 89-1  | 22015913 | 21915556 | 21737855 | 21889775 | 0.64   | cps   |
| Yttrium    | 89-2  | 2950604  | 2981550  | 2933201  | 2955118  | 0.83   | cps   |
| Zinc       | 66-2  | 10353206 | 10341502 | 10308193 | 10334300 | 0.23   | cps   |
| Zirconium  | 90-1  | 17069    | 16452    | 16652    | 16724    | 1.88   | cps   |

|                         |                     |                   |                     |
|-------------------------|---------------------|-------------------|---------------------|
| LB Number :             | LB88853             | Operator :        | Jaswal              |
| Lab Sample ID :         | I4256-02A           | Instrumnet Name : | P7                  |
| Client Sample ID :      | MH0CC3A             | Dilution Factor : | 1                   |
| Date & Time Acquired :: | 2017-07-19 18:36:20 | DataFile Name :   | 092SMPL_P7071917 -M |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|-----------|------|------|------|------|---------|--------|-------|
| Zirconium | 91-1 | 4226 | 4009 | 3884 | 4040    | 4.28   | cps   |

|                         |                     |                   |                     |
|-------------------------|---------------------|-------------------|---------------------|
| LB Number :             | LB88853             | Operator :        | Jaswal              |
| Lab Sample ID :         | I4255-03ADLX2       | Instrumnet Name : | P7                  |
| Client Sample ID :      | MH0CC4A             | Dilution Factor : | 2                   |
| Date & Time Acquired :: | 2017-07-19 18:39:44 | DataFile Name :   | 093SMPL_P7071917 -M |

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|------------|-------|----------|----------|----------|----------|--------|-------|
| Aluminium  | 27-2  | 1050811  | 1047223  | 1048604  | 1048880  | 0.17   | cps   |
| Antimony   | 121-1 | 16477    | 15868    | 16043    | 16129    | 1.94   | cps   |
| Arsenic    | 75-2  | 75679    | 75150    | 75636    | 75488    | 0.39   | cps   |
| Barium     | 135-1 | 16786    | 16761    | 17211    | 16919    | 1.50   | cps   |
| Barium     | 137-1 | 29741    | 29123    | 28405    | 29090    | 2.30   | cps   |
| Beryllium  | 9-1   | 5796     | 6079     | 6135     | 6003     | 3.03   | cps   |
| Bismuth    | 209-1 | 6653580  | 6745126  | 6619671  | 6672793  | 0.97   | cps   |
| Bismuth    | 209-2 | 3635679  | 3608573  | 3633936  | 3626063  | 0.42   | cps   |
| Boron      | 10-1  | 725      | 842      | 742      | 770      | 8.20   | cps   |
| Boron      | 11-1  | 4042     | 3976     | 4017     | 4012     | 0.84   | cps   |
| Cadmium    | 111-1 | 214472   | 213149   | 214183   | 213935   | 0.33   | cps   |
| Cadmium    | 106-1 | 24222    | 24497    | 24288    | 24336    | 0.59   | cps   |
| Cadmium    | 108-1 | 14783    | 14370    | 15304    | 14819    | 3.16   | cps   |
| Calcium    | 43-1  | 1036657  | 1026256  | 1025326  | 1029413  | 0.61   | cps   |
| Calcium    | 44-1  | 16656099 | 16720331 | 16635049 | 16670493 | 0.27   | cps   |
| Chromium   | 52-2  | 4774     | 4784     | 4711     | 4756     | 0.84   | cps   |
| Cobalt     | 59-2  | 197242   | 196911   | 197154   | 197103   | 0.09   | cps   |
| Copper     | 63-2  | 1850113  | 1860939  | 1863221  | 1858091  | 0.38   | cps   |
| Dysprosium | 156-1 | 548643   | 545203   | 543903   | 545916   | 0.45   | cps   |
| Dysprosium | 156-2 | 262582   | 262588   | 261675   | 262282   | 0.20   | cps   |
| Erbium     | 164-1 | 522192   | 521800   | 522667   | 522220   | 0.08   | cps   |
| Erbium     | 164-2 | 237193   | 237146   | 238018   | 237453   | 0.21   | cps   |
| Gadolinium | 160-1 | 611255   | 601523   | 606118   | 606299   | 0.80   | cps   |
| Gadolinium | 160-2 | 311019   | 309540   | 309945   | 310168   | 0.25   | cps   |
| Holmium    | 165-1 | 10382340 | 10411761 | 10286287 | 10360129 | 0.63   | cps   |
| Holmium    | 165-2 | 4806428  | 4777130  | 4823244  | 4802267  | 0.49   | cps   |
| Indium     | 115-1 | 7215615  | 7333185  | 7309239  | 7286013  | 0.85   | cps   |
| Indium     | 115-2 | 1349708  | 1340053  | 1348555  | 1346106  | 0.39   | cps   |
| Iron       | 56-2  | 6393036  | 6361877  | 6446637  | 6400517  | 0.67   | cps   |
| Iron       | 57-2  | 157598   | 158889   | 157811   | 158099   | 0.44   | cps   |
| Lead       | 206-1 | 475046   | 468510   | 474552   | 472703   | 0.77   | cps   |
| Lead       | 207-1 | 410473   | 409645   | 411091   | 410403   | 0.18   | cps   |
| Lead       | 208-1 | 1899731  | 1874935  | 1889062  | 1887909  | 0.66   | cps   |
| Lithium    | 6-1   | 1035807  | 1038475  | 1034661  | 1036314  | 0.19   | cps   |
| Magnesium  | 24-2  | 2933937  | 2936924  | 2927048  | 2932636  | 0.17   | cps   |
| Manganese  | 55-2  | 33767753 | 33667880 | 33659655 | 33698429 | 0.18   | cps   |



|                         |                     |                   |                     |
|-------------------------|---------------------|-------------------|---------------------|
| LB Number :             | LB88853             | Operator :        | Jaswal              |
| Lab Sample ID :         | I4255-03ADLX2       | Instrumnet Name : | P7                  |
| Client Sample ID :      | MH0CC4A             | Dilution Factor : | 2                   |
| Date & Time Acquired :: | 2017-07-19 18:39:44 | DataFile Name :   | 093SMPL_P7071917 -M |

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|------------|-------|----------|----------|----------|----------|--------|-------|
| Molybdenum | 94-1  | 3401     | 3351     | 3576     | 3442     | 3.43   | cps   |
| Molybdenum | 95-1  | 2792     | 2742     | 2484     | 2673     | 6.19   | cps   |
| Molybdenum | 96-1  | 758      | 767      | 975      | 833      | 14.73  | cps   |
| Molybdenum | 97-1  | 92       | 125      | 83       | 100      | 22.05  | cps   |
| Molybdenum | 98-1  | 250      | 217      | 292      | 253      | 14.87  | cps   |
| Neodymium  | 150-1 | 802490   | 798925   | 793927   | 798447   | 0.54   | cps   |
| Neodymium  | 150-2 | 290594   | 291661   | 292608   | 291621   | 0.35   | cps   |
| Nickel     | 60-2  | 35126    | 35587    | 34875    | 35196    | 1.03   | cps   |
| Phosphorus | 31-2  | 150      | 167      | 142      | 153      | 8.33   | cps   |
| Potassium  | 39-2  | 353932   | 350597   | 354561   | 353030   | 0.60   | cps   |
| Rhodium    | 103-1 | 6219512  | 6329658  | 6253893  | 6267687  | 0.90   | cps   |
| Rhodium    | 103-2 | 2813732  | 2798772  | 2820363  | 2810956  | 0.39   | cps   |
| Scandium   | 45-1  | 3663373  | 3681845  | 3600954  | 3648724  | 1.16   | cps   |
| Scandium   | 45-2  | 157402   | 156409   | 157133   | 156981   | 0.33   | cps   |
| Selenium   | 77-2  | 1000     | 1013     | 907      | 973      | 5.97   | cps   |
| Selenium   | 78-2  | 646      | 609      | 617      | 624      | 3.14   | cps   |
| Selenium   | 82-1  | 1163     | 1024     | 1060     | 1082     | 6.67   | cps   |
| Silicon    | 28-1  | 16659194 | 16673982 | 16654198 | 16662458 | 0.06   | cps   |
| Silver     | 109-1 | 2975     | 3242     | 3075     | 3098     | 4.35   | cps   |
| Silver     | 107-1 | 3376     | 3417     | 3617     | 3470     | 3.72   | cps   |
| Sodium     | 23-2  | 1658491  | 1649561  | 1660632  | 1656228  | 0.35   | cps   |
| Strontium  | 86-1  | 403727   | 403568   | 403227   | 403507   | 0.06   | cps   |
| Strontium  | 88-1  | 3589612  | 3569656  | 3573590  | 3577619  | 0.30   | cps   |
| Sulfur     | 34-1  | 4164721  | 4176083  | 4163197  | 4168000  | 0.17   | cps   |
| Terbium    | 159-1 | 10528285 | 10770589 | 10643268 | 10647381 | 1.14   | cps   |
| Terbium    | 159-2 | 4760627  | 4692569  | 4764306  | 4739167  | 0.85   | cps   |
| Thallium   | 203-1 | 708      | 450      | 600      | 586      | 22.13  | cps   |
| Thallium   | 205-1 | 1400     | 1617     | 1425     | 1481     | 8.01   | cps   |
| Tin        | 118-1 | 817      | 1025     | 742      | 861      | 17.05  | cps   |
| Titanium   | 47-1  | 600      | 600      | 600      | 600      | 0.00   | cps   |
| Uranium    | 238-1 | 1360531  | 1363629  | 1357894  | 1360685  | 0.21   | cps   |
| Vanadium   | 51-2  | 60       | 67       | 67       | 64       | 5.98   | cps   |
| Yttrium    | 89-1  | 14140436 | 14026625 | 14115037 | 14094033 | 0.42   | cps   |
| Yttrium    | 89-2  | 1946415  | 1945851  | 1955998  | 1949421  | 0.29   | cps   |
| Zinc       | 66-2  | 5102706  | 5123378  | 5125398  | 5117160  | 0.25   | cps   |
| Zirconium  | 90-1  | 8461     | 7902     | 9178     | 8514     | 7.51   | cps   |

|                         |                     |                   |                     |
|-------------------------|---------------------|-------------------|---------------------|
| LB Number :             | LB88853             | Operator :        | Jaswal              |
| Lab Sample ID :         | I4255-03ADLX2       | Instrumnet Name : | P7                  |
| Client Sample ID :      | MH0CC4A             | Dilution Factor : | 2                   |
| Date & Time Acquired :: | 2017-07-19 18:39:44 | DataFile Name :   | 093SMPL_P7071917 -M |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|-----------|------|------|------|------|---------|--------|-------|
| Zirconium | 91-1 | 2292 | 2234 | 2167 | 2231    | 2.80   | cps   |

|                         |                     |                   |                     |
|-------------------------|---------------------|-------------------|---------------------|
| LB Number :             | LB88853             | Operator :        | Jaswal              |
| Lab Sample ID :         | I4256-02ADLX2       | Instrumnet Name : | P7                  |
| Client Sample ID :      | MH0CC3A             | Dilution Factor : | 2                   |
| Date & Time Acquired :: | 2017-07-19 18:43:12 | DataFile Name :   | 094SMPL_P7071917 -M |

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|------------|-------|----------|----------|----------|----------|--------|-------|
| Aluminium  | 27-2  | 1066291  | 1066306  | 1071119  | 1067905  | 0.26   | cps   |
| Antimony   | 121-1 | 14608    | 15134    | 15618    | 15120    | 3.34   | cps   |
| Arsenic    | 75-2  | 74011    | 73962    | 74435    | 74136    | 0.35   | cps   |
| Barium     | 135-1 | 17887    | 16510    | 17637    | 17345    | 4.23   | cps   |
| Barium     | 137-1 | 29583    | 29399    | 29557    | 29513    | 0.34   | cps   |
| Beryllium  | 9-1   | 6113     | 6001     | 6185     | 6100     | 1.51   | cps   |
| Bismuth    | 209-1 | 6617020  | 6902730  | 6621122  | 6713624  | 2.44   | cps   |
| Bismuth    | 209-2 | 3635914  | 3634659  | 3623434  | 3631335  | 0.19   | cps   |
| Boron      | 10-1  | 825      | 833      | 742      | 800      | 6.34   | cps   |
| Boron      | 11-1  | 3992     | 3917     | 4134     | 4015     | 2.74   | cps   |
| Cadmium    | 111-1 | 220595   | 217085   | 216576   | 218085   | 1.00   | cps   |
| Cadmium    | 106-1 | 25574    | 23896    | 24747    | 24739    | 3.39   | cps   |
| Cadmium    | 108-1 | 14896    | 14437    | 14804    | 14712    | 1.65   | cps   |
| Calcium    | 43-1  | 1050270  | 1046866  | 1038303  | 1045146  | 0.59   | cps   |
| Calcium    | 44-1  | 16970063 | 16857424 | 16928890 | 16918793 | 0.34   | cps   |
| Chromium   | 52-2  | 4764     | 4801     | 4791     | 4785     | 0.40   | cps   |
| Cobalt     | 59-2  | 203736   | 199573   | 199847   | 201052   | 1.16   | cps   |
| Copper     | 63-2  | 1890577  | 1893717  | 1892097  | 1892130  | 0.08   | cps   |
| Dysprosium | 156-1 | 557524   | 552300   | 550791   | 553538   | 0.64   | cps   |
| Dysprosium | 156-2 | 266522   | 269270   | 267296   | 267696   | 0.53   | cps   |
| Erbium     | 164-1 | 531862   | 527702   | 525122   | 528229   | 0.64   | cps   |
| Erbium     | 164-2 | 240380   | 242478   | 239605   | 240821   | 0.62   | cps   |
| Gadolinium | 160-1 | 620846   | 612725   | 609699   | 614424   | 0.94   | cps   |
| Gadolinium | 160-2 | 313595   | 314438   | 314989   | 314341   | 0.22   | cps   |
| Holmium    | 165-1 | 10284931 | 10573302 | 10235342 | 10364525 | 1.76   | cps   |
| Holmium    | 165-2 | 4808826  | 4828097  | 4827717  | 4821547  | 0.23   | cps   |
| Indium     | 115-1 | 7292272  | 7481117  | 7201942  | 7325111  | 1.94   | cps   |
| Indium     | 115-2 | 1361264  | 1352437  | 1356977  | 1356892  | 0.33   | cps   |
| Iron       | 56-2  | 6353846  | 6296072  | 6312407  | 6320775  | 0.47   | cps   |
| Iron       | 57-2  | 156962   | 157350   | 158788   | 157700   | 0.61   | cps   |
| Lead       | 206-1 | 463534   | 460854   | 468658   | 464349   | 0.85   | cps   |
| Lead       | 207-1 | 407373   | 398509   | 406003   | 403961   | 1.18   | cps   |
| Lead       | 208-1 | 1866062  | 1852436  | 1862541  | 1860346  | 0.38   | cps   |
| Lithium    | 6-1   | 1029209  | 1056663  | 1034913  | 1040262  | 1.39   | cps   |
| Magnesium  | 24-2  | 2984778  | 2995772  | 2999440  | 2993330  | 0.25   | cps   |
| Manganese  | 55-2  | 34464822 | 34367939 | 34186757 | 34339839 | 0.41   | cps   |

|                         |                     |                   |                     |
|-------------------------|---------------------|-------------------|---------------------|
| LB Number :             | LB88853             | Operator :        | Jaswal              |
| Lab Sample ID :         | I4256-02ADLX2       | Instrumnet Name : | P7                  |
| Client Sample ID :      | MH0CC3A             | Dilution Factor : | 2                   |
| Date & Time Acquired :: | 2017-07-19 18:43:12 | DataFile Name :   | 094SMPL_P7071917 -M |

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|------------|-------|----------|----------|----------|----------|--------|-------|
| Molybdenum | 94-1  | 3251     | 3251     | 3134     | 3212     | 2.10   | cps   |
| Molybdenum | 95-1  | 2392     | 2500     | 2500     | 2464     | 2.54   | cps   |
| Molybdenum | 96-1  | 792      | 775      | 733      | 767      | 3.92   | cps   |
| Molybdenum | 97-1  | 83       | 83       | 58       | 75       | 19.24  | cps   |
| Molybdenum | 98-1  | 208      | 200      | 200      | 203      | 2.37   | cps   |
| Neodymium  | 150-1 | 811067   | 805323   | 816976   | 811122   | 0.72   | cps   |
| Neodymium  | 150-2 | 295047   | 293355   | 296495   | 294966   | 0.53   | cps   |
| Nickel     | 60-2  | 35931    | 36278    | 35968    | 36059    | 0.53   | cps   |
| Phosphorus | 31-2  | 175      | 158      | 233      | 189      | 20.85  | cps   |
| Potassium  | 39-2  | 352577   | 356752   | 354558   | 354629   | 0.59   | cps   |
| Rhodium    | 103-1 | 6152654  | 6401021  | 6233599  | 6262425  | 2.02   | cps   |
| Rhodium    | 103-2 | 2842885  | 2843472  | 2845888  | 2844082  | 0.06   | cps   |
| Scandium   | 45-1  | 3623523  | 3789828  | 3630295  | 3681215  | 2.56   | cps   |
| Scandium   | 45-2  | 159568   | 157268   | 158025   | 158287   | 0.74   | cps   |
| Selenium   | 77-2  | 880      | 950      | 830      | 887      | 6.80   | cps   |
| Selenium   | 78-2  | 650      | 643      | 637      | 643      | 1.01   | cps   |
| Selenium   | 82-1  | 1012     | 945      | 1015     | 990      | 4.01   | cps   |
| Silicon    | 28-1  | 17073102 | 16949284 | 16897297 | 16973228 | 0.53   | cps   |
| Silver     | 109-1 | 2859     | 2900     | 2984     | 2914     | 2.18   | cps   |
| Silver     | 107-1 | 3042     | 3659     | 3075     | 3259     | 10.65  | cps   |
| Sodium     | 23-2  | 1685366  | 1670912  | 1683376  | 1679885  | 0.47   | cps   |
| Strontium  | 86-1  | 413915   | 406298   | 409010   | 409741   | 0.94   | cps   |
| Strontium  | 88-1  | 3642377  | 3612646  | 3620669  | 3625231  | 0.42   | cps   |
| Sulfur     | 34-1  | 4246942  | 4230966  | 4219755  | 4232554  | 0.32   | cps   |
| Terbium    | 159-1 | 10502120 | 10831807 | 10555024 | 10629651 | 1.67   | cps   |
| Terbium    | 159-2 | 4762689  | 4739926  | 4768294  | 4756970  | 0.32   | cps   |
| Thallium   | 203-1 | 733      | 658      | 625      | 672      | 8.25   | cps   |
| Thallium   | 205-1 | 1325     | 1283     | 1375     | 1328     | 3.46   | cps   |
| Tin        | 118-1 | 858      | 892      | 858      | 870      | 2.21   | cps   |
| Titanium   | 47-1  | 567      | 550      | 600      | 572      | 4.45   | cps   |
| Uranium    | 238-1 | 1368668  | 1370388  | 1364037  | 1367697  | 0.24   | cps   |
| Vanadium   | 51-2  | 77       | 123      | 100      | 100      | 23.33  | cps   |
| Yttrium    | 89-1  | 14140270 | 14408441 | 14157694 | 14235468 | 1.05   | cps   |
| Yttrium    | 89-2  | 1969434  | 1982269  | 1983656  | 1978453  | 0.40   | cps   |
| Zinc       | 66-2  | 5194370  | 5224655  | 5204652  | 5207892  | 0.30   | cps   |
| Zirconium  | 90-1  | 8936     | 8419     | 8078     | 8478     | 5.10   | cps   |

|                         |                     |                   |                     |
|-------------------------|---------------------|-------------------|---------------------|
| LB Number :             | LB88853             | Operator :        | Jaswal              |
| Lab Sample ID :         | I4256-02ADLX2       | Instrumnet Name : | P7                  |
| Client Sample ID :      | MH0CC3A             | Dilution Factor : | 2                   |
| Date & Time Acquired :: | 2017-07-19 18:43:12 | DataFile Name :   | 094SMPL_P7071917 -M |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|-----------|------|------|------|------|---------|--------|-------|
| Zirconium | 91-1 | 1934 | 2000 | 1942 | 1959    | 1.86   | cps   |

|                         |                     |                   |                      |
|-------------------------|---------------------|-------------------|----------------------|
| LB Number :             | LB88853             | Operator :        | Jaswal               |
| Lab Sample ID :         | CCV37               | Instrumnet Name : | P7                   |
| Client Sample ID :      | CCV37               | Dilution Factor : | 1                    |
| Date & Time Acquired :: | 2017-07-19 18:46:39 | DataFile Name :   | 095CCV_P7071917 -MS. |

| Parameter  | Mass  | CPS1      | CPS2      | CPS3      | CPSMean   | CPSRSD | Units |
|------------|-------|-----------|-----------|-----------|-----------|--------|-------|
| Aluminium  | 27-2  | 2665246   | 2696811   | 2707378   | 2689812   | 0.81   | cps   |
| Antimony   | 121-1 | 3639012   | 3646603   | 3655206   | 3646940   | 0.22   | cps   |
| Arsenic    | 75-2  | 107792    | 107790    | 108523    | 108035    | 0.39   | cps   |
| Barium     | 135-1 | 4826395   | 4851648   | 4795623   | 4824556   | 0.58   | cps   |
| Barium     | 137-1 | 8338538   | 8479183   | 8416238   | 8411319   | 0.84   | cps   |
| Beryllium  | 9-1   | 420601    | 417131    | 421621    | 419785    | 0.56   | cps   |
| Bismuth    | 209-1 | 5848988   | 5798676   | 5954529   | 5867398   | 1.36   | cps   |
| Bismuth    | 209-2 | 3268110   | 3240401   | 3240401   | 3249637   | 0.49   | cps   |
| Boron      | 10-1  | 44776     | 45619     | 46873     | 45756     | 2.31   | cps   |
| Boron      | 11-1  | 217407    | 224534    | 231088    | 224343    | 3.05   | cps   |
| Cadmium    | 111-1 | 816318    | 821508    | 818894    | 818907    | 0.32   | cps   |
| Cadmium    | 106-1 | 90296     | 89230     | 90086     | 89871     | 0.63   | cps   |
| Cadmium    | 108-1 | 60018     | 59043     | 59989     | 59683     | 0.93   | cps   |
| Calcium    | 43-1  | 4555813   | 4572641   | 4565144   | 4564533   | 0.18   | cps   |
| Calcium    | 44-1  | 73073095  | 73361654  | 72981781  | 73138843  | 0.27   | cps   |
| Chromium   | 52-2  | 918452    | 926049    | 924607    | 923036    | 0.44   | cps   |
| Cobalt     | 59-2  | 1452085   | 1457190   | 1466517   | 1458597   | 0.50   | cps   |
| Copper     | 63-2  | 2025234   | 2038696   | 2046571   | 2036834   | 0.53   | cps   |
| Dysprosium | 156-1 | 217       | 167       | 175       | 186       | 14.40  | cps   |
| Dysprosium | 156-2 | 93        | 73        | 50        | 72        | 30.03  | cps   |
| Erbium     | 164-1 | 125       | 83        | 58        | 89        | 37.89  | cps   |
| Erbium     | 164-2 | 17        | 43        | 30        | 30        | 44.43  | cps   |
| Gadolinium | 160-1 | 125       | 117       | 125       | 122       | 3.94   | cps   |
| Gadolinium | 160-2 | 123       | 90        | 110       | 108       | 15.57  | cps   |
| Holmium    | 165-1 | 9324254   | 9309103   | 9577925   | 9403761   | 1.61   | cps   |
| Holmium    | 165-2 | 4487753   | 4455194   | 4464760   | 4469236   | 0.37   | cps   |
| Indium     | 115-1 | 6637298   | 6652185   | 6767220   | 6685568   | 1.06   | cps   |
| Indium     | 115-2 | 1264631   | 1252247   | 1259167   | 1258682   | 0.49   | cps   |
| Iron       | 56-2  | 181958432 | 182286460 | 182207287 | 182150726 | 0.09   | cps   |
| Iron       | 57-2  | 4551284   | 4582132   | 4574465   | 4569294   | 0.35   | cps   |
| Lead       | 206-1 | 3081868   | 3112086   | 3100394   | 3098116   | 0.49   | cps   |
| Lead       | 207-1 | 2834502   | 2853925   | 2855225   | 2847884   | 0.41   | cps   |
| Lead       | 208-1 | 12848600  | 12908117  | 12891369  | 12882695  | 0.24   | cps   |
| Lithium    | 6-1   | 990973    | 996456    | 1014581   | 1000670   | 1.23   | cps   |
| Magnesium  | 24-2  | 30083766  | 30345225  | 30467643  | 30298878  | 0.65   | cps   |
| Manganese  | 55-2  | 1039581   | 1049614   | 1055906   | 1048367   | 0.79   | cps   |

LB Number : LB88853 Operator : Jaswal  
 Lab Sample ID : CCV37 Instrumnet Name : P7  
 Client Sample ID : CCV37 Dilution Factor : 1  
 Date & Time Acquired :: 2017-07-19 18:46:39 DataFile Name : 095CCV\_P7071917 -MS.

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|------------|-------|----------|----------|----------|----------|--------|-------|
| Molybdenum | 94-1  | 3095097  | 3103323  | 3087042  | 3095154  | 0.26   | cps   |
| Molybdenum | 95-1  | 1760094  | 1764844  | 1754860  | 1759933  | 0.28   | cps   |
| Molybdenum | 96-1  | 2248012  | 2233476  | 2237509  | 2239666  | 0.34   | cps   |
| Molybdenum | 97-1  | 1097003  | 1094870  | 1088883  | 1093585  | 0.38   | cps   |
| Molybdenum | 98-1  | 2851714  | 2852760  | 2845652  | 2850042  | 0.13   | cps   |
| Neodymium  | 150-1 | 553      | 493      | 460      | 502      | 9.42   | cps   |
| Neodymium  | 150-2 | 43       | 53       | 47       | 48       | 10.66  | cps   |
| Nickel     | 60-2  | 378292   | 379375   | 379765   | 379144   | 0.20   | cps   |
| Phosphorus | 31-2  | 28094    | 29196    | 29806    | 29032    | 2.99   | cps   |
| Potassium  | 39-2  | 16342870 | 16411921 | 16580817 | 16445202 | 0.74   | cps   |
| Rhodium    | 103-1 | 5644395  | 5677099  | 5820011  | 5713835  | 1.63   | cps   |
| Rhodium    | 103-2 | 2590189  | 2567832  | 2570166  | 2576062  | 0.48   | cps   |
| Scandium   | 45-1  | 3613086  | 3548761  | 3614165  | 3592004  | 1.04   | cps   |
| Scandium   | 45-2  | 159066   | 157287   | 156659   | 157671   | 0.79   | cps   |
| Selenium   | 77-2  | 2184     | 2144     | 2214     | 2180     | 1.61   | cps   |
| Selenium   | 78-2  | 7332     | 7302     | 7287     | 7307     | 0.31   | cps   |
| Selenium   | 82-1  | 49132    | 49149    | 48835    | 49039    | 0.36   | cps   |
| Silicon    | 28-1  | 2105906  | 2128798  | 2134264  | 2122989  | 0.71   | cps   |
| Silver     | 109-1 | 3915808  | 3902143  | 3866036  | 3894662  | 0.66   | cps   |
| Silver     | 107-1 | 4053575  | 4036479  | 4050046  | 4046700  | 0.22   | cps   |
| Sodium     | 23-2  | 57344349 | 57626243 | 57428014 | 57466202 | 0.25   | cps   |
| Strontium  | 86-1  | 1167408  | 1156303  | 1153877  | 1159196  | 0.62   | cps   |
| Strontium  | 88-1  | 10257642 | 10180562 | 10202471 | 10213558 | 0.39   | cps   |
| Sulfur     | 34-1  | 450532   | 446574   | 451949   | 449685   | 0.62   | cps   |
| Terbium    | 159-1 | 9554616  | 9583406  | 9725247  | 9621090  | 0.95   | cps   |
| Terbium    | 159-2 | 4395083  | 4353473  | 4385222  | 4377926  | 0.50   | cps   |
| Thallium   | 203-1 | 3816271  | 3805960  | 3818252  | 3813495  | 0.17   | cps   |
| Thallium   | 205-1 | 9227393  | 9266086  | 9310861  | 9268113  | 0.45   | cps   |
| Tin        | 118-1 | 3017110  | 3011757  | 3014608  | 3014491  | 0.09   | cps   |
| Titanium   | 47-1  | 428212   | 429283   | 430064   | 429186   | 0.22   | cps   |
| Uranium    | 238-1 | 13782573 | 13725878 | 13616458 | 13708303 | 0.62   | cps   |
| Vanadium   | 51-2  | 764987   | 768751   | 770238   | 767992   | 0.35   | cps   |
| Yttrium    | 89-1  | 6851164  | 6870979  | 7034564  | 6918902  | 1.45   | cps   |
| Yttrium    | 89-2  | 966450   | 961493   | 964823   | 964255   | 0.26   | cps   |
| Zinc       | 66-2  | 276662   | 277939   | 281716   | 278772   | 0.94   | cps   |
| Zirconium  | 90-1  | 5732716  | 5787175  | 5778014  | 5765968  | 0.51   | cps   |

|                         |                     |                   |                      |
|-------------------------|---------------------|-------------------|----------------------|
| LB Number :             | LB88853             | Operator :        | Jaswal               |
| Lab Sample ID :         | CCV37               | Instrumnet Name : | P7                   |
| Client Sample ID :      | CCV37               | Dilution Factor : | 1                    |
| Date & Time Acquired :: | 2017-07-19 18:46:39 | DataFile Name :   | 095CCV_P7071917 -MS. |

| Parameter | Mass | CPS1    | CPS2    | CPS3    | CPSMean | CPSRSD | Units |
|-----------|------|---------|---------|---------|---------|--------|-------|
| Zirconium | 91-1 | 1269577 | 1280166 | 1275318 | 1275020 | 0.42   | cps   |



|                         |                     |                   |                     |
|-------------------------|---------------------|-------------------|---------------------|
| LB Number :             | LB88853             | Operator :        | Jaswal              |
| Lab Sample ID :         | CCB37               | Instrumnet Name : | P7                  |
| Client Sample ID :      | CCB37               | Dilution Factor : | 1                   |
| Date & Time Acquired :: | 2017-07-19 18:50:06 | DataFile Name :   | 096CCBE_P7071917 -M |

| Parameter  | Mass  | CPS1    | CPS2    | CPS3    | CPSMean | CPSRSD | Units |
|------------|-------|---------|---------|---------|---------|--------|-------|
| Aluminium  | 27-2  | 92      | 100     | 42      | 78      | 40.56  | cps   |
| Antimony   | 121-1 | 8770    | 8219    | 7986    | 8325    | 4.83   | cps   |
| Arsenic    | 75-2  | 48      | 63      | 50      | 54      | 15.03  | cps   |
| Barium     | 135-1 | 25      | 83      | 100     | 69      | 56.71  | cps   |
| Barium     | 137-1 | 125     | 158     | 83      | 122     | 30.74  | cps   |
| Beryllium  | 9-1   | 472     | 333     | 383     | 396     | 17.75  | cps   |
| Bismuth    | 209-1 | 6226849 | 6263328 | 6304189 | 6264789 | 0.62   | cps   |
| Bismuth    | 209-2 | 3480538 | 3476034 | 3493978 | 3483517 | 0.27   | cps   |
| Boron      | 10-1  | 2217    | 2175    | 2159    | 2184    | 1.38   | cps   |
| Boron      | 11-1  | 11547   | 10696   | 10479   | 10907   | 5.17   | cps   |
| Cadmium    | 111-1 | 1636    | 1549    | 1658    | 1614    | 3.56   | cps   |
| Cadmium    | 106-1 | 2292    | 2184    | 2317    | 2264    | 3.13   | cps   |
| Cadmium    | 108-1 | 21      | 13      | 8       | 14      | 45.83  | cps   |
| Calcium    | 43-1  | 300     | 258     | 208     | 256     | 17.96  | cps   |
| Calcium    | 44-1  | 4843    | 4809    | 4784    | 4812    | 0.61   | cps   |
| Chromium   | 52-2  | 457     | 500     | 477     | 478     | 4.54   | cps   |
| Cobalt     | 59-2  | 113     | 87      | 100     | 100     | 13.33  | cps   |
| Copper     | 63-2  | 1470    | 1377    | 1613    | 1487    | 8.02   | cps   |
| Dysprosium | 156-1 | 8       | 8       | 8       | 8       | 0.00   | cps   |
| Dysprosium | 156-2 | 0       | 0       | 7       | 2       | 173.21 | cps   |
| Erbium     | 164-1 | 50      | 8       | 25      | 28      | 75.51  | cps   |
| Erbium     | 164-2 | 10      | 17      | 23      | 17      | 39.99  | cps   |
| Gadolinium | 160-1 | 33      | 33      | 67      | 44      | 43.31  | cps   |
| Gadolinium | 160-2 | 77      | 73      | 50      | 67      | 21.80  | cps   |
| Holmium    | 165-1 | 9194909 | 9330912 | 9468645 | 9331488 | 1.47   | cps   |
| Holmium    | 165-2 | 4413072 | 4382262 | 4389076 | 4394803 | 0.37   | cps   |
| Indium     | 115-1 | 6848979 | 6881023 | 6965895 | 6898632 | 0.88   | cps   |
| Indium     | 115-2 | 1288639 | 1291484 | 1295098 | 1291740 | 0.25   | cps   |
| Iron       | 56-2  | 11249   | 11416   | 10815   | 11160   | 2.78   | cps   |
| Iron       | 57-2  | 428     | 411     | 328     | 389     | 13.78  | cps   |
| Lead       | 206-1 | 945     | 928     | 967     | 946     | 2.06   | cps   |
| Lead       | 207-1 | 722     | 889     | 811     | 807     | 10.33  | cps   |
| Lead       | 208-1 | 3761    | 3856    | 3795    | 3804    | 1.26   | cps   |
| Lithium    | 6-1   | 1000881 | 1008026 | 1010681 | 1006529 | 0.50   | cps   |
| Magnesium  | 24-2  | 842     | 792     | 717     | 783     | 8.03   | cps   |
| Manganese  | 55-2  | 2337    | 2304    | 2477    | 2372    | 3.88   | cps   |

|                         |                     |                   |                     |
|-------------------------|---------------------|-------------------|---------------------|
| LB Number :             | LB88853             | Operator :        | Jaswal              |
| Lab Sample ID :         | CCB37               | Instrumnet Name : | P7                  |
| Client Sample ID :      | CCB37               | Dilution Factor : | 1                   |
| Date & Time Acquired :: | 2017-07-19 18:50:06 | DataFile Name :   | 096CCBE_P7071917 -M |

| Parameter  | Mass  | CPS1    | CPS2    | CPS3    | CPSMean | CPSRSD  | Units |
|------------|-------|---------|---------|---------|---------|---------|-------|
| Molybdenum | 94-1  | 2167    | 1767    | 1842    | 1925    | 11.05   | cps   |
| Molybdenum | 95-1  | 1092    | 1042    | 900     | 1011    | 9.83    | cps   |
| Molybdenum | 96-1  | 1408    | 1308    | 1317    | 1345    | 4.13    | cps   |
| Molybdenum | 97-1  | 658     | 725     | 642     | 675     | 6.53    | cps   |
| Molybdenum | 98-1  | 1942    | 1800    | 1650    | 1797    | 8.12    | cps   |
| Neodymium  | 150-1 | 7       | 0       | 0       | 2       | 173.21  | cps   |
| Neodymium  | 150-2 | 3       | 0       | 0       | 1       | 173.21  | cps   |
| Nickel     | 60-2  | 263     | 287     | 250     | 267     | 6.96    | cps   |
| Phosphorus | 31-2  | 108     | 133     | 108     | 117     | 12.37   | cps   |
| Potassium  | 39-2  | 25347   | 24379   | 26333   | 25353   | 3.85    | cps   |
| Rhodium    | 103-1 | 6080544 | 6087177 | 6098702 | 6088808 | 0.15    | cps   |
| Rhodium    | 103-2 | 2739321 | 2740360 | 2738576 | 2739419 | 0.03    | cps   |
| Scandium   | 45-1  | 3447135 | 3450620 | 3471107 | 3456288 | 0.37    | cps   |
| Scandium   | 45-2  | 151256  | 150491  | 151461  | 151069  | 0.34    | cps   |
| Selenium   | 77-2  | 0       | 3       | 0       | 1       | 173.21  | cps   |
| Selenium   | 78-2  | 59      | 57      | 56      | 57      | 3.22    | cps   |
| Selenium   | 82-1  | -36     | -16     | 35      | -6      | -646.83 | cps   |
| Silicon    | 28-1  | 258552  | 256525  | 254129  | 256402  | 0.86    | cps   |
| Silver     | 109-1 | 483     | 508     | 392     | 461     | 13.32   | cps   |
| Silver     | 107-1 | 567     | 583     | 683     | 611     | 10.33   | cps   |
| Sodium     | 23-2  | 16293   | 15992   | 15625   | 15970   | 2.09    | cps   |
| Strontium  | 86-1  | 550     | 775     | 750     | 692     | 17.83   | cps   |
| Strontium  | 88-1  | 383     | 400     | 233     | 339     | 27.09   | cps   |
| Sulfur     | 34-1  | 203318  | 204940  | 201521  | 203260  | 0.84    | cps   |
| Terbium    | 159-1 | 9514112 | 9608352 | 9584960 | 9569141 | 0.51    | cps   |
| Terbium    | 159-2 | 4325519 | 4317265 | 4309236 | 4317340 | 0.19    | cps   |
| Thallium   | 203-1 | 608     | 592     | 550     | 583     | 5.15    | cps   |
| Thallium   | 205-1 | 1725    | 1625    | 1550    | 1634    | 5.38    | cps   |
| Tin        | 118-1 | 4434    | 3842    | 3551    | 3942    | 11.42   | cps   |
| Titanium   | 47-1  | 142     | 67      | 67      | 92      | 47.24   | cps   |
| Uranium    | 238-1 | 617     | 458     | 325     | 467     | 31.29   | cps   |
| Vanadium   | 51-2  | 27      | 13      | 20      | 20      | 33.35   | cps   |
| Yttrium    | 89-1  | 6741937 | 6764471 | 6875672 | 6794027 | 1.05    | cps   |
| Yttrium    | 89-2  | 950299  | 947837  | 941532  | 946556  | 0.48    | cps   |
| Zinc       | 66-2  | 360     | 343     | 350     | 351     | 2.39    | cps   |
| Zirconium  | 90-1  | 4067    | 3184    | 3334    | 3528    | 13.40   | cps   |

|                         |                     |                   |                      |
|-------------------------|---------------------|-------------------|----------------------|
| LB Number :             | LB88853             | Operator :        | Jaswal               |
| Lab Sample ID :         | CCB37               | Instrumnet Name : | P7                   |
| Client Sample ID :      | CCB37               | Dilution Factor : | 1                    |
| Date & Time Acquired :: | 2017-07-19 18:50:06 | DataFile Name :   | 096CCBE_P7071917 -M: |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|-----------|------|------|------|------|---------|--------|-------|
| Zirconium | 91-1 | 800  | 683  | 667  | 717     | 10.14  | cps   |

|                         |                     |                   |                     |
|-------------------------|---------------------|-------------------|---------------------|
| LB Number :             | LB88853             | Operator :        | Jaswal              |
| Lab Sample ID :         | PB100759BL          | Instrumnet Name : | P7                  |
| Client Sample ID :      | PB100759BL          | Dilution Factor : | 1                   |
| Date & Time Acquired :: | 2017-07-19 18:53:36 | DataFile Name :   | 097CCBE_P7071917 -M |

| Parameter  | Mass  | CPS1    | CPS2    | CPS3    | CPSMean | CPSRSD | Units |
|------------|-------|---------|---------|---------|---------|--------|-------|
| Aluminium  | 27-2  | 100     | 33      | 50      | 61      | 56.77  | cps   |
| Antimony   | 121-1 | 2092    | 2409    | 2275    | 2259    | 7.04   | cps   |
| Arsenic    | 75-2  | 31      | 39      | 33      | 35      | 11.16  | cps   |
| Barium     | 135-1 | 42      | 33      | 17      | 31      | 41.66  | cps   |
| Barium     | 137-1 | 17      | 67      | 67      | 50      | 57.73  | cps   |
| Beryllium  | 9-1   | 156     | 217     | 222     | 198     | 18.67  | cps   |
| Bismuth    | 209-1 | 6275272 | 6303769 | 6258638 | 6279226 | 0.36   | cps   |
| Bismuth    | 209-2 | 3440914 | 3421046 | 3373090 | 3411683 | 1.02   | cps   |
| Boron      | 10-1  | 983     | 1058    | 975     | 1006    | 4.56   | cps   |
| Boron      | 11-1  | 5251    | 5176    | 4784    | 5071    | 4.94   | cps   |
| Cadmium    | 111-1 | 1689    | 1580    | 1620    | 1630    | 3.40   | cps   |
| Cadmium    | 106-1 | 2384    | 2225    | 2309    | 2306    | 3.44   | cps   |
| Cadmium    | 108-1 | 0       | 4       | 13      | 6       | 114.53 | cps   |
| Calcium    | 43-1  | 175     | 158     | 250     | 194     | 25.11  | cps   |
| Calcium    | 44-1  | 4051    | 4126    | 4084    | 4087    | 0.92   | cps   |
| Chromium   | 52-2  | 500     | 463     | 403     | 456     | 10.71  | cps   |
| Cobalt     | 59-2  | 97      | 133     | 97      | 109     | 19.44  | cps   |
| Copper     | 63-2  | 1137    | 1037    | 1217    | 1130    | 7.98   | cps   |
| Dysprosium | 156-1 | 0       | 33      | 8       | 14      | 124.92 | cps   |
| Dysprosium | 156-2 | 0       | 3       | 3       | 2       | 86.60  | cps   |
| Erbium     | 164-1 | 42      | 42      | 42      | 42      | 0.00   | cps   |
| Erbium     | 164-2 | 10      | 23      | 20      | 18      | 39.03  | cps   |
| Gadolinium | 160-1 | 33      | 33      | 58      | 42      | 34.65  | cps   |
| Gadolinium | 160-2 | 53      | 40      | 107     | 67      | 52.92  | cps   |
| Holmium    | 165-1 | 9311445 | 9385807 | 9348497 | 9348583 | 0.40   | cps   |
| Holmium    | 165-2 | 4341497 | 4315120 | 4275600 | 4310739 | 0.77   | cps   |
| Indium     | 115-1 | 6921089 | 6872541 | 6889306 | 6894312 | 0.36   | cps   |
| Indium     | 115-2 | 1263713 | 1259382 | 1253663 | 1258919 | 0.40   | cps   |
| Iron       | 56-2  | 7775    | 7808    | 7519    | 7700    | 2.05   | cps   |
| Iron       | 57-2  | 356     | 339     | 272     | 322     | 13.69  | cps   |
| Lead       | 206-1 | 922     | 967     | 872     | 920     | 5.13   | cps   |
| Lead       | 207-1 | 639     | 867     | 839     | 782     | 15.90  | cps   |
| Lead       | 208-1 | 3884    | 3900    | 3767    | 3850    | 1.89   | cps   |
| Lithium    | 6-1   | 987534  | 995711  | 995865  | 993036  | 0.48   | cps   |
| Magnesium  | 24-2  | 708     | 642     | 783     | 711     | 9.97   | cps   |
| Manganese  | 55-2  | 2150    | 1870    | 2047    | 2022    | 7.00   | cps   |

|                         |                     |                   |                     |
|-------------------------|---------------------|-------------------|---------------------|
| LB Number :             | LB88853             | Operator :        | Jaswal              |
| Lab Sample ID :         | PB100759BL          | Instrumnet Name : | P7                  |
| Client Sample ID :      | PB100759BL          | Dilution Factor : | 1                   |
| Date & Time Acquired :: | 2017-07-19 18:53:36 | DataFile Name :   | 097CCBE_P7071917 -M |

| Parameter  | Mass  | CPS1    | CPS2    | CPS3    | CPSMean | CPSRSD  | Units |
|------------|-------|---------|---------|---------|---------|---------|-------|
| Molybdenum | 94-1  | 917     | 867     | 933     | 906     | 3.83    | cps   |
| Molybdenum | 95-1  | 300     | 333     | 375     | 336     | 11.18   | cps   |
| Molybdenum | 96-1  | 433     | 433     | 458     | 442     | 3.27    | cps   |
| Molybdenum | 97-1  | 242     | 258     | 233     | 244     | 5.21    | cps   |
| Molybdenum | 98-1  | 342     | 475     | 708     | 508     | 36.51   | cps   |
| Neodymium  | 150-1 | 0       | 20      | 7       | 9       | 114.55  | cps   |
| Neodymium  | 150-2 | 7       | 0       | 3       | 3       | 100.05  | cps   |
| Nickel     | 60-2  | 327     | 250     | 230     | 269     | 18.98   | cps   |
| Phosphorus | 31-2  | 125     | 100     | 67      | 97      | 30.10   | cps   |
| Potassium  | 39-2  | 24789   | 24463   | 24095   | 24449   | 1.42    | cps   |
| Rhodium    | 103-1 | 6010979 | 6068675 | 6034116 | 6037923 | 0.48    | cps   |
| Rhodium    | 103-2 | 2693685 | 2692374 | 2657485 | 2681182 | 0.77    | cps   |
| Scandium   | 45-1  | 3427059 | 3424254 | 3409022 | 3420112 | 0.28    | cps   |
| Scandium   | 45-2  | 145496  | 147994  | 143603  | 145698  | 1.51    | cps   |
| Selenium   | 77-2  | 0       | 0       | 0       | 0       | 0.00    | cps   |
| Selenium   | 78-2  | 61      | 43      | 48      | 51      | 18.77   | cps   |
| Selenium   | 82-1  | 1       | 62      | -53     | 3       | 1815.86 | cps   |
| Silicon    | 28-1  | 248247  | 244791  | 248593  | 247210  | 0.85    | cps   |
| Silver     | 109-1 | 358     | 317     | 283     | 319     | 11.76   | cps   |
| Silver     | 107-1 | 408     | 325     | 283     | 339     | 18.78   | cps   |
| Sodium     | 23-2  | 13540   | 14090   | 13223   | 13618   | 3.22    | cps   |
| Strontium  | 86-1  | 533     | 725     | 708     | 656     | 16.20   | cps   |
| Strontium  | 88-1  | 200     | 200     | 208     | 203     | 2.37    | cps   |
| Sulfur     | 34-1  | 203234  | 201267  | 204289  | 202930  | 0.76    | cps   |
| Terbium    | 159-1 | 9493949 | 9500907 | 9583163 | 9526006 | 0.52    | cps   |
| Terbium    | 159-2 | 4270948 | 4225513 | 4214447 | 4236969 | 0.71    | cps   |
| Thallium   | 203-1 | 258     | 383     | 342     | 328     | 19.42   | cps   |
| Thallium   | 205-1 | 742     | 800     | 675     | 739     | 8.46    | cps   |
| Tin        | 118-1 | 1725    | 1500    | 1675    | 1634    | 7.23    | cps   |
| Titanium   | 47-1  | 92      | 83      | 117     | 97      | 17.84   | cps   |
| Uranium    | 238-1 | 200     | 125     | 100     | 142     | 36.73   | cps   |
| Vanadium   | 51-2  | 7       | 0       | 7       | 4       | 86.60   | cps   |
| Yttrium    | 89-1  | 6687905 | 6704074 | 6729684 | 6707221 | 0.31    | cps   |
| Yttrium    | 89-2  | 926810  | 924199  | 915350  | 922120  | 0.65    | cps   |
| Zinc       | 66-2  | 320     | 247     | 253     | 273     | 14.84   | cps   |
| Zirconium  | 90-1  | 2150    | 2117    | 2025    | 2097    | 3.09    | cps   |

|                         |                     |                   |                      |
|-------------------------|---------------------|-------------------|----------------------|
| LB Number :             | LB88853             | Operator :        | Jaswal               |
| Lab Sample ID :         | PB100759BL          | Instrumnet Name : | P7                   |
| Client Sample ID :      | PB100759BL          | Dilution Factor : | 1                    |
| Date & Time Acquired :: | 2017-07-19 18:53:36 | DataFile Name :   | 097CCBE_P7071917 -M: |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|-----------|------|------|------|------|---------|--------|-------|
| Zirconium | 91-1 | 558  | 417  | 500  | 492     | 14.48  | cps   |

|                         |                     |                   |                      |
|-------------------------|---------------------|-------------------|----------------------|
| LB Number :             | LB88853             | Operator :        | Jaswal               |
| Lab Sample ID :         | PB100759BS          | Instrumnet Name : | P7                   |
| Client Sample ID :      | PB100759BS          | Dilution Factor : | 1                    |
| Date & Time Acquired :: | 2017-07-19 18:57:05 | DataFile Name :   | 098LCS6_P7071917 -M5 |

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|------------|-------|----------|----------|----------|----------|--------|-------|
| Aluminium  | 27-2  | 515987   | 515984   | 516179   | 516050   | 0.02   | cps   |
| Antimony   | 121-1 | 3765857  | 3785836  | 3763624  | 3771772  | 0.32   | cps   |
| Arsenic    | 75-2  | 108184   | 108392   | 107398   | 107991   | 0.49   | cps   |
| Barium     | 135-1 | 4820863  | 4853621  | 4841655  | 4838713  | 0.34   | cps   |
| Barium     | 137-1 | 8458180  | 8430856  | 8486183  | 8458407  | 0.33   | cps   |
| Beryllium  | 9-1   | 419184   | 418375   | 414994   | 417518   | 0.53   | cps   |
| Bismuth    | 209-1 | 6145866  | 6104042  | 6235849  | 6161919  | 1.09   | cps   |
| Bismuth    | 209-2 | 3348059  | 3462932  | 3493940  | 3434977  | 2.24   | cps   |
| Boron      | 10-1  | 41550    | 43823    | 44157    | 43177    | 3.29   | cps   |
| Boron      | 11-1  | 209177   | 210821   | 218178   | 212725   | 2.25   | cps   |
| Cadmium    | 111-1 | 848565   | 857169   | 850883   | 852206   | 0.52   | cps   |
| Cadmium    | 106-1 | 92131    | 93684    | 90999    | 92271    | 1.46   | cps   |
| Cadmium    | 108-1 | 61629    | 61081    | 60847    | 61186    | 0.66   | cps   |
| Calcium    | 43-1  | 888418   | 892697   | 889419   | 890178   | 0.25   | cps   |
| Calcium    | 44-1  | 14480120 | 14410518 | 14445562 | 14445400 | 0.24   | cps   |
| Chromium   | 52-2  | 885145   | 893436   | 891039   | 889873   | 0.48   | cps   |
| Cobalt     | 59-2  | 1470929  | 1467252  | 1468449  | 1468877  | 0.13   | cps   |
| Copper     | 63-2  | 2104128  | 2109785  | 2104481  | 2106131  | 0.15   | cps   |
| Dysprosium | 156-1 | 92       | 150      | 92       | 111      | 30.31  | cps   |
| Dysprosium | 156-2 | 47       | 40       | 83       | 57       | 41.18  | cps   |
| Erbium     | 164-1 | 42       | 50       | 42       | 44       | 10.82  | cps   |
| Erbium     | 164-2 | 20       | 23       | 27       | 23       | 14.29  | cps   |
| Gadolinium | 160-1 | 100      | 75       | 75       | 83       | 17.33  | cps   |
| Gadolinium | 160-2 | 63       | 113      | 90       | 89       | 28.15  | cps   |
| Holmium    | 165-1 | 9501510  | 9361960  | 9489821  | 9451097  | 0.82   | cps   |
| Holmium    | 165-2 | 4419369  | 4535125  | 4580816  | 4511770  | 1.84   | cps   |
| Indium     | 115-1 | 6703177  | 6796459  | 6832642  | 6777426  | 0.99   | cps   |
| Indium     | 115-2 | 1255221  | 1294523  | 1303680  | 1284475  | 2.00   | cps   |
| Iron       | 56-2  | 37776298 | 37700551 | 37540922 | 37672590 | 0.32   | cps   |
| Iron       | 57-2  | 931906   | 929702   | 930170   | 930593   | 0.12   | cps   |
| Lead       | 206-1 | 3194164  | 3181847  | 3180810  | 3185607  | 0.23   | cps   |
| Lead       | 207-1 | 2944881  | 2929596  | 2929626  | 2934701  | 0.30   | cps   |
| Lead       | 208-1 | 13259477 | 13283184 | 13271755 | 13271472 | 0.09   | cps   |
| Lithium    | 6-1   | 1004803  | 1002536  | 1017097  | 1008145  | 0.78   | cps   |
| Magnesium  | 24-2  | 6123361  | 6135727  | 6119585  | 6126224  | 0.14   | cps   |
| Manganese  | 55-2  | 1035825  | 1032807  | 1031820  | 1033484  | 0.20   | cps   |

|                         |                     |                   |                      |
|-------------------------|---------------------|-------------------|----------------------|
| LB Number :             | LB88853             | Operator :        | Jaswal               |
| Lab Sample ID :         | PB100759BS          | Instrumnet Name : | P7                   |
| Client Sample ID :      | PB100759BS          | Dilution Factor : | 1                    |
| Date & Time Acquired :: | 2017-07-19 18:57:05 | DataFile Name :   | 098LCS6_P7071917 -M5 |

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|------------|-------|----------|----------|----------|----------|--------|-------|
| Molybdenum | 94-1  | 3035780  | 3042142  | 3043265  | 3040396  | 0.13   | cps   |
| Molybdenum | 95-1  | 1721543  | 1719215  | 1723971  | 1721577  | 0.14   | cps   |
| Molybdenum | 96-1  | 2170431  | 2183106  | 2188318  | 2180618  | 0.42   | cps   |
| Molybdenum | 97-1  | 1055383  | 1062094  | 1066833  | 1061436  | 0.54   | cps   |
| Molybdenum | 98-1  | 2770621  | 2770191  | 2776822  | 2772545  | 0.13   | cps   |
| Neodymium  | 150-1 | 407      | 440      | 387      | 411      | 6.55   | cps   |
| Neodymium  | 150-2 | 40       | 57       | 47       | 48       | 17.56  | cps   |
| Nickel     | 60-2  | 383713   | 384114   | 385711   | 384513   | 0.27   | cps   |
| Phosphorus | 31-2  | 28712    | 27602    | 28453    | 28255    | 2.06   | cps   |
| Potassium  | 39-2  | 3262094  | 3247326  | 3238958  | 3249459  | 0.36   | cps   |
| Rhodium    | 103-1 | 5832708  | 5852606  | 5916286  | 5867200  | 0.74   | cps   |
| Rhodium    | 103-2 | 2631554  | 2708079  | 2713697  | 2684443  | 1.71   | cps   |
| Scandium   | 45-1  | 3473281  | 3452123  | 3508630  | 3478011  | 0.82   | cps   |
| Scandium   | 45-2  | 151819   | 155354   | 156587   | 154587   | 1.60   | cps   |
| Selenium   | 77-2  | 2140     | 2227     | 2297     | 2221     | 3.53   | cps   |
| Selenium   | 78-2  | 7602     | 7676     | 7641     | 7640     | 0.49   | cps   |
| Selenium   | 82-1  | 49892    | 50117    | 49897    | 49969    | 0.26   | cps   |
| Silicon    | 28-1  | 1989064  | 2005671  | 2015794  | 2003510  | 0.67   | cps   |
| Silver     | 109-1 | 4070549  | 4066331  | 4052383  | 4063088  | 0.23   | cps   |
| Silver     | 107-1 | 4215497  | 4224252  | 4219211  | 4219654  | 0.10   | cps   |
| Sodium     | 23-2  | 11438481 | 11418788 | 11433527 | 11430265 | 0.09   | cps   |
| Strontium  | 86-1  | 1116971  | 1116171  | 1109991  | 1114377  | 0.34   | cps   |
| Strontium  | 88-1  | 9877811  | 9836863  | 9839554  | 9851409  | 0.23   | cps   |
| Sulfur     | 34-1  | 448554   | 440263   | 441146   | 443321   | 1.03   | cps   |
| Terbium    | 159-1 | 9676005  | 9621342  | 9728303  | 9675217  | 0.55   | cps   |
| Terbium    | 159-2 | 4343578  | 4449528  | 4479882  | 4424329  | 1.62   | cps   |
| Thallium   | 203-1 | 3939863  | 3920325  | 3941465  | 3933884  | 0.30   | cps   |
| Thallium   | 205-1 | 9534311  | 9546026  | 9522610  | 9534316  | 0.12   | cps   |
| Tin        | 118-1 | 3031228  | 3051160  | 3056956  | 3046448  | 0.44   | cps   |
| Titanium   | 47-1  | 412588   | 413487   | 416089   | 414055   | 0.44   | cps   |
| Uranium    | 238-1 | 13856422 | 13602726 | 13651636 | 13703595 | 0.98   | cps   |
| Vanadium   | 51-2  | 743508   | 744654   | 745884   | 744682   | 0.16   | cps   |
| Yttrium    | 89-1  | 6862637  | 6791948  | 6903150  | 6852578  | 0.82   | cps   |
| Yttrium    | 89-2  | 949917   | 969368   | 970261   | 963182   | 1.19   | cps   |
| Zinc       | 66-2  | 289224   | 287726   | 287613   | 288187   | 0.31   | cps   |
| Zirconium  | 90-1  | 5672988  | 5673322  | 5632090  | 5659467  | 0.42   | cps   |



|                         |                     |                   |                      |
|-------------------------|---------------------|-------------------|----------------------|
| LB Number :             | LB88853             | Operator :        | Jaswal               |
| Lab Sample ID :         | PB100759BS          | Instrumnet Name : | P7                   |
| Client Sample ID :      | PB100759BS          | Dilution Factor : | 1                    |
| Date & Time Acquired :: | 2017-07-19 18:57:05 | DataFile Name :   | 098LCS6_P7071917 -MS |

| Parameter | Mass | CPS1    | CPS2    | CPS3    | CPSMean | CPSRSD | Units |
|-----------|------|---------|---------|---------|---------|--------|-------|
| Zirconium | 91-1 | 1245551 | 1245495 | 1247583 | 1246210 | 0.10   | cps   |

|                         |                     |                   |                     |
|-------------------------|---------------------|-------------------|---------------------|
| LB Number :             | LB88853             | Operator :        | Jaswal              |
| Lab Sample ID :         | I4251-01            | Instrumnet Name : | P7                  |
| Client Sample ID :      | SS032MW061-170717   | Dilution Factor : | 1                   |
| Date & Time Acquired :: | 2017-07-19 19:00:32 | DataFile Name :   | 099SMPL_P7071917 -M |

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|------------|-------|----------|----------|----------|----------|--------|-------|
| Aluminium  | 27-2  | 742      | 642      | 550      | 644      | 14.88  | cps   |
| Antimony   | 121-1 | 32497    | 30860    | 30459    | 31272    | 3.45   | cps   |
| Arsenic    | 75-2  | 215      | 267      | 248      | 243      | 10.80  | cps   |
| Barium     | 135-1 | 143365   | 143139   | 141328   | 142611   | 0.78   | cps   |
| Barium     | 137-1 | 250641   | 252540   | 249138   | 250773   | 0.68   | cps   |
| Beryllium  | 9-1   | 317      | 317      | 278      | 304      | 7.39   | cps   |
| Bismuth    | 209-1 | 6858356  | 6761586  | 6615946  | 6745296  | 1.81   | cps   |
| Bismuth    | 209-2 | 3369367  | 3335817  | 3386051  | 3363745  | 0.76   | cps   |
| Boron      | 10-1  | 18504    | 19496    | 19764    | 19255    | 3.45   | cps   |
| Boron      | 11-1  | 96339    | 95921    | 95744    | 96001    | 0.32   | cps   |
| Cadmium    | 111-1 | 2034     | 2264     | 2167     | 2155     | 5.38   | cps   |
| Cadmium    | 106-1 | 2034     | 2392     | 2159     | 2195     | 8.29   | cps   |
| Cadmium    | 108-1 | 75       | 92       | 63       | 76       | 19.16  | cps   |
| Calcium    | 43-1  | 1864557  | 1844087  | 1822564  | 1843736  | 1.14   | cps   |
| Calcium    | 44-1  | 30352932 | 29786250 | 29709284 | 29949489 | 1.17   | cps   |
| Chromium   | 52-2  | 19012    | 18852    | 19146    | 19004    | 0.77   | cps   |
| Cobalt     | 59-2  | 603      | 563      | 587      | 584      | 3.44   | cps   |
| Copper     | 63-2  | 13727    | 14344    | 14908    | 14326    | 4.12   | cps   |
| Dysprosium | 156-1 | 50       | 108      | 67       | 75       | 40.06  | cps   |
| Dysprosium | 156-2 | 23       | 27       | 23       | 24       | 7.89   | cps   |
| Erbium     | 164-1 | 42       | 75       | 67       | 61       | 28.38  | cps   |
| Erbium     | 164-2 | 33       | 30       | 47       | 37       | 24.06  | cps   |
| Gadolinium | 160-1 | 92       | 92       | 58       | 81       | 23.89  | cps   |
| Gadolinium | 160-2 | 113      | 107      | 97       | 106      | 7.95   | cps   |
| Holmium    | 165-1 | 9166494  | 9155687  | 9137367  | 9153183  | 0.16   | cps   |
| Holmium    | 165-2 | 4050183  | 4006892  | 4078181  | 4045085  | 0.89   | cps   |
| Indium     | 115-1 | 7067464  | 7197455  | 7005593  | 7090171  | 1.38   | cps   |
| Indium     | 115-2 | 1221904  | 1209499  | 1219846  | 1217083  | 0.55   | cps   |
| Iron       | 56-2  | 382723   | 380600   | 378383   | 380568   | 0.57   | cps   |
| Iron       | 57-2  | 13673    | 13962    | 13579    | 13738    | 1.45   | cps   |
| Lead       | 206-1 | 3373     | 3339     | 3378     | 3363     | 0.63   | cps   |
| Lead       | 207-1 | 3006     | 2784     | 2789     | 2860     | 4.43   | cps   |
| Lead       | 208-1 | 13442    | 13003    | 13175    | 13207    | 1.68   | cps   |
| Lithium    | 6-1   | 1053949  | 1053700  | 1044438  | 1050696  | 0.52   | cps   |
| Magnesium  | 24-2  | 1041069  | 1031187  | 1035126  | 1035794  | 0.48   | cps   |
| Manganese  | 55-2  | 31267    | 29984    | 29974    | 30408    | 2.44   | cps   |

|                         |                     |                   |                     |
|-------------------------|---------------------|-------------------|---------------------|
| LB Number :             | LB88853             | Operator :        | Jaswal              |
| Lab Sample ID :         | I4251-01            | Instrumnet Name : | P7                  |
| Client Sample ID :      | SS032MW061-170717   | Dilution Factor : | 1                   |
| Date & Time Acquired :: | 2017-07-19 19:00:32 | DataFile Name :   | 099SMPL_P7071917 -M |

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|------------|-------|----------|----------|----------|----------|--------|-------|
| Molybdenum | 94-1  | 5660     | 5143     | 4901     | 5235     | 7.40   | cps   |
| Molybdenum | 95-1  | 4751     | 4159     | 3984     | 4298     | 9.35   | cps   |
| Molybdenum | 96-1  | 5418     | 4734     | 4309     | 4820     | 11.60  | cps   |
| Molybdenum | 97-1  | 2700     | 2817     | 2417     | 2645     | 7.78   | cps   |
| Molybdenum | 98-1  | 7052     | 6935     | 6677     | 6888     | 2.79   | cps   |
| Neodymium  | 150-1 | 147      | 133      | 100      | 127      | 18.98  | cps   |
| Neodymium  | 150-2 | 27       | 37       | 27       | 30       | 19.24  | cps   |
| Nickel     | 60-2  | 4084     | 4424     | 4471     | 4326     | 4.88   | cps   |
| Phosphorus | 31-2  | 167      | 117      | 142      | 142      | 17.65  | cps   |
| Potassium  | 39-2  | 231791   | 226350   | 229330   | 229157   | 1.19   | cps   |
| Rhodium    | 103-1 | 5565870  | 5554982  | 5473218  | 5531357  | 0.92   | cps   |
| Rhodium    | 103-2 | 2394061  | 2369266  | 2414196  | 2392508  | 0.94   | cps   |
| Scandium   | 45-1  | 3132699  | 3145763  | 3097911  | 3125458  | 0.79   | cps   |
| Scandium   | 45-2  | 126124   | 123207   | 126582   | 125304   | 1.46   | cps   |
| Selenium   | 77-2  | 13       | 10       | 7        | 10       | 33.30  | cps   |
| Selenium   | 78-2  | 74       | 70       | 78       | 74       | 5.00   | cps   |
| Selenium   | 82-1  | 260      | 157      | 191      | 203      | 25.73  | cps   |
| Silicon    | 28-1  | 29683854 | 29359774 | 28969665 | 29337764 | 1.22   | cps   |
| Silver     | 109-1 | 7444     | 8578     | 6277     | 7433     | 15.48  | cps   |
| Silver     | 107-1 | 8369     | 7502     | 6785     | 7552     | 10.50  | cps   |
| Sodium     | 23-2  | 6550763  | 6442852  | 6429134  | 6474250  | 1.03   | cps   |
| Strontium  | 86-1  | 1135460  | 1132013  | 1122802  | 1130092  | 0.58   | cps   |
| Strontium  | 88-1  | 10104747 | 10156709 | 10062743 | 10108066 | 0.47   | cps   |
| Sulfur     | 34-1  | 394866   | 389879   | 383798   | 389514   | 1.42   | cps   |
| Terbium    | 159-1 | 9211035  | 9420662  | 9331002  | 9320900  | 1.13   | cps   |
| Terbium    | 159-2 | 3970070  | 3960056  | 4044366  | 3991497  | 1.15   | cps   |
| Thallium   | 203-1 | 917      | 792      | 542      | 750      | 25.46  | cps   |
| Thallium   | 205-1 | 2225     | 1509     | 1233     | 1656     | 30.93  | cps   |
| Tin        | 118-1 | 11488    | 10988    | 11072    | 11183    | 2.40   | cps   |
| Titanium   | 47-1  | 1059     | 733      | 850      | 881      | 18.71  | cps   |
| Uranium    | 238-1 | 45012    | 45673    | 45480    | 45388    | 0.75   | cps   |
| Vanadium   | 51-2  | 4838     | 4814     | 4734     | 4795     | 1.13   | cps   |
| Yttrium    | 89-1  | 6356596  | 6398665  | 6347315  | 6367525  | 0.43   | cps   |
| Yttrium    | 89-2  | 828848   | 818421   | 837355   | 828208   | 1.14   | cps   |
| Zinc       | 66-2  | 6692     | 6798     | 6555     | 6682     | 1.83   | cps   |
| Zirconium  | 90-1  | 8286     | 7536     | 6660     | 7494     | 10.86  | cps   |

|                         |                     |                   |                     |
|-------------------------|---------------------|-------------------|---------------------|
| LB Number :             | LB88853             | Operator :        | Jaswal              |
| Lab Sample ID :         | I4251-01            | Instrumnet Name : | P7                  |
| Client Sample ID :      | SS032MW061-170717   | Dilution Factor : | 1                   |
| Date & Time Acquired :: | 2017-07-19 19:00:32 | DataFile Name :   | 099SMPL_P7071917 -M |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|-----------|------|------|------|------|---------|--------|-------|
| Zirconium | 91-1 | 1992 | 1817 | 1533 | 1781    | 12.99  | cps   |

|                         |                     |                   |                     |
|-------------------------|---------------------|-------------------|---------------------|
| LB Number :             | LB88853             | Operator :        | Jaswal              |
| Lab Sample ID :         | I4251-02            | Instrumnet Name : | P7                  |
| Client Sample ID :      | WP022MW004-170717   | Dilution Factor : | 1                   |
| Date & Time Acquired :: | 2017-07-19 19:04:00 | DataFile Name :   | 100SMPL_P7071917 -M |

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|------------|-------|----------|----------|----------|----------|--------|-------|
| Aluminium  | 27-2  | 4901     | 6719     | 5093     | 5571     | 17.93  | cps   |
| Antimony   | 121-1 | 14850    | 15484    | 15117    | 15150    | 2.10   | cps   |
| Arsenic    | 75-2  | 254      | 289      | 294      | 279      | 7.92   | cps   |
| Barium     | 135-1 | 310456   | 313036   | 313913   | 312468   | 0.58   | cps   |
| Barium     | 137-1 | 552241   | 545246   | 551539   | 549676   | 0.70   | cps   |
| Beryllium  | 9-1   | 233      | 228      | 222      | 228      | 2.44   | cps   |
| Bismuth    | 209-1 | 6037743  | 5992893  | 6047376  | 6026004  | 0.48   | cps   |
| Bismuth    | 209-2 | 3184965  | 3197397  | 3199966  | 3194109  | 0.25   | cps   |
| Boron      | 10-1  | 22442    | 22759    | 22426    | 22542    | 0.83   | cps   |
| Boron      | 11-1  | 116689   | 120116   | 120980   | 119262   | 1.90   | cps   |
| Cadmium    | 111-1 | 1789     | 1904     | 1860     | 1851     | 3.13   | cps   |
| Cadmium    | 106-1 | 2067     | 2167     | 2000     | 2078     | 4.04   | cps   |
| Cadmium    | 108-1 | 58       | 42       | 33       | 44       | 28.64  | cps   |
| Calcium    | 43-1  | 2505844  | 2498486  | 2507056  | 2503795  | 0.19   | cps   |
| Calcium    | 44-1  | 40516717 | 40433504 | 40464964 | 40471728 | 0.10   | cps   |
| Chromium   | 52-2  | 2534     | 2584     | 2497     | 2538     | 1.71   | cps   |
| Cobalt     | 59-2  | 1783     | 1933     | 2087     | 1935     | 7.84   | cps   |
| Copper     | 63-2  | 17781    | 18779    | 19099    | 18553    | 3.71   | cps   |
| Dysprosium | 156-1 | 225      | 250      | 217      | 231      | 7.52   | cps   |
| Dysprosium | 156-2 | 70       | 113      | 117      | 100      | 26.04  | cps   |
| Erbium     | 164-1 | 250      | 183      | 367      | 267      | 34.80  | cps   |
| Erbium     | 164-2 | 90       | 113      | 90       | 98       | 13.78  | cps   |
| Gadolinium | 160-1 | 367      | 233      | 242      | 281      | 26.62  | cps   |
| Gadolinium | 160-2 | 187      | 170      | 133      | 163      | 16.70  | cps   |
| Holmium    | 165-1 | 8800383  | 8844379  | 8977915  | 8874226  | 1.04   | cps   |
| Holmium    | 165-2 | 4078034  | 4078121  | 4102384  | 4086180  | 0.34   | cps   |
| Indium     | 115-1 | 6496824  | 6489811  | 6562661  | 6516432  | 0.62   | cps   |
| Indium     | 115-2 | 1168108  | 1164915  | 1169097  | 1167374  | 0.19   | cps   |
| Iron       | 56-2  | 154840   | 152876   | 154913   | 154209   | 0.75   | cps   |
| Iron       | 57-2  | 9259     | 9303     | 9248     | 9270     | 0.32   | cps   |
| Lead       | 206-1 | 2984     | 2728     | 2861     | 2858     | 4.47   | cps   |
| Lead       | 207-1 | 2423     | 2573     | 2356     | 2450     | 4.53   | cps   |
| Lead       | 208-1 | 11369    | 11641    | 11636    | 11549    | 1.35   | cps   |
| Lithium    | 6-1   | 1023049  | 1020618  | 1027499  | 1023722  | 0.34   | cps   |
| Magnesium  | 24-2  | 2812810  | 2809511  | 2811771  | 2811364  | 0.06   | cps   |
| Manganese  | 55-2  | 60681    | 60875    | 60992    | 60850    | 0.26   | cps   |

|                         |                     |                   |                     |
|-------------------------|---------------------|-------------------|---------------------|
| LB Number :             | LB88853             | Operator :        | Jaswal              |
| Lab Sample ID :         | I4251-02            | Instrumnet Name : | P7                  |
| Client Sample ID :      | WP022MW004-170717   | Dilution Factor : | 1                   |
| Date & Time Acquired :: | 2017-07-19 19:04:00 | DataFile Name :   | 100SMPL_P7071917 -M |

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|------------|-------|----------|----------|----------|----------|--------|-------|
| Molybdenum | 94-1  | 3359     | 3309     | 4139     | 3602     | 12.92  | cps   |
| Molybdenum | 95-1  | 2334     | 2400     | 2317     | 2350     | 1.88   | cps   |
| Molybdenum | 96-1  | 2792     | 2967     | 2809     | 2856     | 3.38   | cps   |
| Molybdenum | 97-1  | 1258     | 1500     | 1467     | 1408     | 9.30   | cps   |
| Molybdenum | 98-1  | 3367     | 3559     | 3484     | 3470     | 2.78   | cps   |
| Neodymium  | 150-1 | 467      | 527      | 487      | 493      | 6.19   | cps   |
| Neodymium  | 150-2 | 137      | 163      | 147      | 149      | 9.05   | cps   |
| Nickel     | 60-2  | 7105     | 6788     | 7435     | 7110     | 4.55   | cps   |
| Phosphorus | 31-2  | 217      | 167      | 192      | 192      | 13.05  | cps   |
| Potassium  | 39-2  | 262728   | 260828   | 257183   | 260246   | 1.08   | cps   |
| Rhodium    | 103-1 | 5200296  | 5184967  | 5238368  | 5207877  | 0.53   | cps   |
| Rhodium    | 103-2 | 2337371  | 2346086  | 2353348  | 2345602  | 0.34   | cps   |
| Scandium   | 45-1  | 2893503  | 2872747  | 2882957  | 2883069  | 0.36   | cps   |
| Scandium   | 45-2  | 123929   | 122787   | 124303   | 123673   | 0.64   | cps   |
| Selenium   | 77-2  | 0        | 7        | 10       | 6        | 91.64  | cps   |
| Selenium   | 78-2  | 46       | 63       | 41       | 50       | 23.13  | cps   |
| Selenium   | 82-1  | 185      | 120      | 100      | 135      | 33.01  | cps   |
| Silicon    | 28-1  | 24809517 | 24686759 | 24703956 | 24733411 | 0.27   | cps   |
| Silver     | 109-1 | 3317     | 3751     | 3709     | 3592     | 6.66   | cps   |
| Silver     | 107-1 | 4234     | 4009     | 3676     | 3973     | 7.07   | cps   |
| Sodium     | 23-2  | 13767041 | 13715793 | 13809849 | 13764228 | 0.34   | cps   |
| Strontium  | 86-1  | 1800860  | 1811819  | 1824335  | 1812338  | 0.65   | cps   |
| Strontium  | 88-1  | 15948791 | 16157944 | 16216814 | 16107850 | 0.87   | cps   |
| Sulfur     | 34-1  | 1504454  | 1505557  | 1500527  | 1503513  | 0.18   | cps   |
| Terbium    | 159-1 | 9046892  | 9078790  | 9234054  | 9119912  | 1.10   | cps   |
| Terbium    | 159-2 | 3969690  | 4004602  | 4002730  | 3992340  | 0.49   | cps   |
| Thallium   | 203-1 | 258      | 442      | 250      | 317      | 34.21  | cps   |
| Thallium   | 205-1 | 650      | 883      | 817      | 783      | 15.34  | cps   |
| Tin        | 118-1 | 8019     | 7744     | 8536     | 8100     | 4.97   | cps   |
| Titanium   | 47-1  | 2618     | 2685     | 2476     | 2593     | 4.12   | cps   |
| Uranium    | 238-1 | 81882    | 82227    | 81572    | 81894    | 0.40   | cps   |
| Vanadium   | 51-2  | 1573     | 1770     | 1830     | 1725     | 7.79   | cps   |
| Yttrium    | 89-1  | 6046922  | 6038196  | 6112095  | 6065738  | 0.67   | cps   |
| Yttrium    | 89-2  | 813869   | 812625   | 817716   | 814737   | 0.33   | cps   |
| Zinc       | 66-2  | 4964     | 4981     | 4844     | 4930     | 1.51   | cps   |
| Zirconium  | 90-1  | 5268     | 5486     | 5018     | 5257     | 4.45   | cps   |

|                         |                     |                   |                     |
|-------------------------|---------------------|-------------------|---------------------|
| LB Number :             | LB88853             | Operator :        | Jaswal              |
| Lab Sample ID :         | I4251-02            | Instrumnet Name : | P7                  |
| Client Sample ID :      | WP022MW004-170717   | Dilution Factor : | 1                   |
| Date & Time Acquired :: | 2017-07-19 19:04:00 | DataFile Name :   | 100SMPL_P7071917 -M |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|-----------|------|------|------|------|---------|--------|-------|
| Zirconium | 91-1 | 1225 | 1325 | 1042 | 1197    | 12.00  | cps   |

LB Number : LB88853 Operator : Jaswal  
 Lab Sample ID : I4251-03 Instrumnet Name : P7  
 Client Sample ID : WP022MW001-170717 Dilution Factor : 1  
 Date & Time Acquired :: 2017-07-19 19:07:28 DataFile Name : 101SMPL\_P7071917 -M

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|------------|-------|----------|----------|----------|----------|--------|-------|
| Aluminium  | 27-2  | 2134     | 1934     | 2009     | 2025     | 4.99   | cps   |
| Antimony   | 121-1 | 11672    | 12131    | 12798    | 12200    | 4.64   | cps   |
| Arsenic    | 75-2  | 144      | 159      | 133      | 146      | 8.93   | cps   |
| Barium     | 135-1 | 85638    | 86501    | 86092    | 86077    | 0.50   | cps   |
| Barium     | 137-1 | 149842   | 149750   | 150996   | 150196   | 0.46   | cps   |
| Beryllium  | 9-1   | 161      | 178      | 200      | 180      | 10.86  | cps   |
| Bismuth    | 209-1 | 5933005  | 5968634  | 5931297  | 5944312  | 0.35   | cps   |
| Bismuth    | 209-2 | 3106018  | 3089041  | 3093162  | 3096074  | 0.29   | cps   |
| Boron      | 10-1  | 30473    | 30757    | 31241    | 30824    | 1.26   | cps   |
| Boron      | 11-1  | 153184   | 154463   | 155483   | 154376   | 0.75   | cps   |
| Cadmium    | 111-1 | 1695     | 1576     | 1460     | 1577     | 7.47   | cps   |
| Cadmium    | 106-1 | 2209     | 2042     | 1800     | 2017     | 10.18  | cps   |
| Cadmium    | 108-1 | 25       | 17       | 13       | 18       | 35.25  | cps   |
| Calcium    | 43-1  | 1601121  | 1603943  | 1592342  | 1599135  | 0.38   | cps   |
| Calcium    | 44-1  | 26105025 | 26178993 | 25916144 | 26066721 | 0.52   | cps   |
| Chromium   | 52-2  | 6235     | 5998     | 6088     | 6107     | 1.96   | cps   |
| Cobalt     | 59-2  | 483      | 567      | 433      | 494      | 13.62  | cps   |
| Copper     | 63-2  | 17694    | 17340    | 18071    | 17702    | 2.06   | cps   |
| Dysprosium | 156-1 | 108      | 100      | 100      | 103      | 4.68   | cps   |
| Dysprosium | 156-2 | 30       | 50       | 43       | 41       | 24.77  | cps   |
| Erbium     | 164-1 | 92       | 133      | 142      | 122      | 21.92  | cps   |
| Erbium     | 164-2 | 40       | 33       | 63       | 46       | 34.58  | cps   |
| Gadolinium | 160-1 | 167      | 83       | 150      | 133      | 33.07  | cps   |
| Gadolinium | 160-2 | 113      | 123      | 113      | 117      | 4.95   | cps   |
| Holmium    | 165-1 | 8680847  | 8846707  | 8788054  | 8771870  | 0.96   | cps   |
| Holmium    | 165-2 | 3941013  | 3944434  | 3964063  | 3949836  | 0.31   | cps   |
| Indium     | 115-1 | 6336600  | 6409774  | 6265876  | 6337416  | 1.14   | cps   |
| Indium     | 115-2 | 1116470  | 1105076  | 1121805  | 1114451  | 0.77   | cps   |
| Iron       | 56-2  | 61849    | 63681    | 62552    | 62694    | 1.47   | cps   |
| Iron       | 57-2  | 5368     | 5351     | 5040     | 5253     | 3.52   | cps   |
| Lead       | 206-1 | 2250     | 2178     | 2478     | 2302     | 6.80   | cps   |
| Lead       | 207-1 | 2106     | 1867     | 2067     | 2013     | 6.37   | cps   |
| Lead       | 208-1 | 9090     | 8874     | 9329     | 9098     | 2.51   | cps   |
| Lithium    | 6-1   | 1006187  | 1014987  | 1019505  | 1013559  | 0.67   | cps   |
| Magnesium  | 24-2  | 2280172  | 2255411  | 2271723  | 2269102  | 0.55   | cps   |
| Manganese  | 55-2  | 2957     | 2980     | 2920     | 2953     | 1.02   | cps   |



|                         |                     |                   |                     |
|-------------------------|---------------------|-------------------|---------------------|
| LB Number :             | LB88853             | Operator :        | Jaswal              |
| Lab Sample ID :         | I4251-03            | Instrumnet Name : | P7                  |
| Client Sample ID :      | WP022MW001-170717   | Dilution Factor : | 1                   |
| Date & Time Acquired :: | 2017-07-19 19:07:28 | DataFile Name :   | 101SMPL_P7071917 -M |

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|------------|-------|----------|----------|----------|----------|--------|-------|
| Molybdenum | 94-1  | 4418     | 5168     | 4934     | 4840     | 7.93   | cps   |
| Molybdenum | 95-1  | 5418     | 5501     | 5718     | 5546     | 2.79   | cps   |
| Molybdenum | 96-1  | 5960     | 6468     | 5993     | 6140     | 4.63   | cps   |
| Molybdenum | 97-1  | 3559     | 3326     | 3509     | 3464     | 3.55   | cps   |
| Molybdenum | 98-1  | 8853     | 9779     | 8578     | 9070     | 6.94   | cps   |
| Neodymium  | 150-1 | 207      | 120      | 213      | 180      | 28.93  | cps   |
| Neodymium  | 150-2 | 47       | 57       | 33       | 46       | 25.70  | cps   |
| Nickel     | 60-2  | 7355     | 7115     | 7095     | 7189     | 2.01   | cps   |
| Phosphorus | 31-2  | 108      | 133      | 125      | 122      | 10.41  | cps   |
| Potassium  | 39-2  | 207677   | 206789   | 206576   | 207014   | 0.28   | cps   |
| Rhodium    | 103-1 | 5101619  | 5081532  | 5101985  | 5095045  | 0.23   | cps   |
| Rhodium    | 103-2 | 2262362  | 2245760  | 2289555  | 2265892  | 0.98   | cps   |
| Scandium   | 45-1  | 2787751  | 2807004  | 2776178  | 2790311  | 0.56   | cps   |
| Scandium   | 45-2  | 117810   | 116087   | 117320   | 117072   | 0.76   | cps   |
| Selenium   | 77-2  | 17       | 7        | 27       | 17       | 59.99  | cps   |
| Selenium   | 78-2  | 67       | 72       | 78       | 72       | 7.69   | cps   |
| Selenium   | 82-1  | 366      | 310      | 390      | 355      | 11.63  | cps   |
| Silicon    | 28-1  | 28316716 | 28354503 | 27998474 | 28223231 | 0.69   | cps   |
| Silver     | 109-1 | 3050     | 2550     | 2550     | 2717     | 10.63  | cps   |
| Silver     | 107-1 | 3267     | 3009     | 3059     | 3112     | 4.40   | cps   |
| Sodium     | 23-2  | 13539583 | 13355062 | 13371836 | 13422160 | 0.76   | cps   |
| Strontium  | 86-1  | 1492950  | 1507399  | 1504234  | 1501528  | 0.51   | cps   |
| Strontium  | 88-1  | 13203049 | 13444518 | 13285333 | 13310967 | 0.92   | cps   |
| Sulfur     | 34-1  | 634626   | 631637   | 625108   | 630457   | 0.77   | cps   |
| Terbium    | 159-1 | 8928008  | 9084617  | 8978007  | 8996877  | 0.89   | cps   |
| Terbium    | 159-2 | 3879074  | 3848460  | 3871542  | 3866358  | 0.41   | cps   |
| Thallium   | 203-1 | 142      | 133      | 117      | 131      | 9.75   | cps   |
| Thallium   | 205-1 | 392      | 392      | 325      | 369      | 10.42  | cps   |
| Tin        | 118-1 | 6769     | 7327     | 6977     | 7024     | 4.02   | cps   |
| Titanium   | 47-1  | 1819     | 1617     | 917      | 1451     | 32.63  | cps   |
| Uranium    | 238-1 | 90053    | 90942    | 92049    | 91015    | 1.10   | cps   |
| Vanadium   | 51-2  | 2664     | 2827     | 2740     | 2744     | 2.98   | cps   |
| Yttrium    | 89-1  | 5865238  | 5898444  | 5830936  | 5864873  | 0.58   | cps   |
| Yttrium    | 89-2  | 776261   | 775576   | 785998   | 779278   | 0.75   | cps   |
| Zinc       | 66-2  | 4344     | 4207     | 4237     | 4263     | 1.69   | cps   |
| Zirconium  | 90-1  | 4434     | 4042     | 3676     | 4051     | 9.37   | cps   |

|                         |                     |                   |                     |
|-------------------------|---------------------|-------------------|---------------------|
| LB Number :             | LB88853             | Operator :        | Jaswal              |
| Lab Sample ID :         | I4251-03            | Instrumnet Name : | P7                  |
| Client Sample ID :      | WP022MW001-170717   | Dilution Factor : | 1                   |
| Date & Time Acquired :: | 2017-07-19 19:07:28 | DataFile Name :   | 101SMPL_P7071917 -M |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|-----------|------|------|------|------|---------|--------|-------|
| Zirconium | 91-1 | 1384 | 717  | 900  | 1000    | 34.47  | cps   |

LB Number : LB88853 Operator : Jaswal  
 Lab Sample ID : I4251-04 Instrumnet Name : P7  
 Client Sample ID : WP022MW357-170717 Dilution Factor : 1  
 Date & Time Acquired :: 2017-07-19 19:10:57 DataFile Name : 102SMPL\_P7071917 -M

| Parameter  | Mass  | CPS1      | CPS2      | CPS3      | CPSMean   | CPSRSD | Units |
|------------|-------|-----------|-----------|-----------|-----------|--------|-------|
| Aluminium  | 27-2  | 64399     | 66667     | 66863     | 65976     | 2.08   | cps   |
| Antimony   | 121-1 | 12222     | 13215     | 15150     | 13529     | 11.01  | cps   |
| Arsenic    | 75-2  | 552       | 585       | 635       | 591       | 7.10   | cps   |
| Barium     | 135-1 | 80249     | 79569     | 81807     | 80542     | 1.42   | cps   |
| Barium     | 137-1 | 140691    | 141320    | 141910    | 141307    | 0.43   | cps   |
| Beryllium  | 9-1   | 278       | 294       | 250       | 274       | 8.19   | cps   |
| Bismuth    | 209-1 | 4767679   | 4731460   | 4755054   | 4751397   | 0.39   | cps   |
| Bismuth    | 209-2 | 2489433   | 2501799   | 2495951   | 2495728   | 0.25   | cps   |
| Boron      | 10-1  | 29237     | 29254     | 30473     | 29655     | 2.39   | cps   |
| Boron      | 11-1  | 152251    | 154035    | 157670    | 154652    | 1.79   | cps   |
| Cadmium    | 111-1 | 1333      | 1510      | 1629      | 1491      | 9.96   | cps   |
| Cadmium    | 106-1 | 1884      | 2025      | 2259      | 2056      | 9.21   | cps   |
| Cadmium    | 108-1 | 300       | 225       | 283       | 269       | 14.62  | cps   |
| Calcium    | 43-1  | 7194087   | 7260344   | 7332317   | 7262250   | 0.95   | cps   |
| Calcium    | 44-1  | 116411682 | 117050661 | 118877494 | 117446612 | 1.09   | cps   |
| Chromium   | 52-2  | 33411     | 33956     | 34985     | 34117     | 2.34   | cps   |
| Cobalt     | 59-2  | 6425      | 6181      | 6795      | 6467      | 4.78   | cps   |
| Copper     | 63-2  | 22648     | 22965     | 22651     | 22755     | 0.80   | cps   |
| Dysprosium | 156-1 | 4618      | 4551      | 4751      | 4640      | 2.20   | cps   |
| Dysprosium | 156-2 | 2030      | 1927      | 2000      | 1986      | 2.68   | cps   |
| Erbium     | 164-1 | 3751      | 4067      | 3901      | 3906      | 4.06   | cps   |
| Erbium     | 164-2 | 1700      | 1743      | 1797      | 1747      | 2.77   | cps   |
| Gadolinium | 160-1 | 4584      | 4184      | 4201      | 4323      | 5.24   | cps   |
| Gadolinium | 160-2 | 2144      | 2080      | 2254      | 2159      | 4.06   | cps   |
| Holmium    | 165-1 | 7790694   | 7907243   | 7816580   | 7838172   | 0.78   | cps   |
| Holmium    | 165-2 | 3479355   | 3515316   | 3538759   | 3511143   | 0.85   | cps   |
| Indium     | 115-1 | 5455138   | 5438764   | 5497336   | 5463746   | 0.55   | cps   |
| Indium     | 115-2 | 984105    | 994074    | 999141    | 992440    | 0.77   | cps   |
| Iron       | 56-2  | 3796930   | 3831478   | 3861782   | 3830064   | 0.85   | cps   |
| Iron       | 57-2  | 110395    | 111526    | 112948    | 111623    | 1.15   | cps   |
| Lead       | 206-1 | 14058     | 14531     | 14330     | 14306     | 1.66   | cps   |
| Lead       | 207-1 | 12178     | 11844     | 12178     | 12067     | 1.60   | cps   |
| Lead       | 208-1 | 55691     | 56031     | 55719     | 55814     | 0.34   | cps   |
| Lithium    | 6-1   | 863305    | 873619    | 876195    | 871040    | 0.78   | cps   |
| Magnesium  | 24-2  | 15321357  | 15628769  | 15705778  | 15551968  | 1.31   | cps   |
| Manganese  | 55-2  | 55678     | 55270     | 56324     | 55757     | 0.95   | cps   |

|                         |                     |                   |                     |
|-------------------------|---------------------|-------------------|---------------------|
| LB Number :             | LB88853             | Operator :        | Jaswal              |
| Lab Sample ID :         | I4251-04            | Instrumnet Name : | P7                  |
| Client Sample ID :      | WP022MW357-170717   | Dilution Factor : | 1                   |
| Date & Time Acquired :: | 2017-07-19 19:10:57 | DataFile Name :   | 102SMPL_P7071917 -M |

| Parameter  | Mass  | CPS1      | CPS2      | CPS3      | CPSMean   | CPSRSD | Units |
|------------|-------|-----------|-----------|-----------|-----------|--------|-------|
| Molybdenum | 94-1  | 22093     | 23146     | 24827     | 23355     | 5.91   | cps   |
| Molybdenum | 95-1  | 3734      | 4017      | 3976      | 3909      | 3.91   | cps   |
| Molybdenum | 96-1  | 7836      | 7344      | 7619      | 7600      | 3.24   | cps   |
| Molybdenum | 97-1  | 2517      | 2450      | 2625      | 2531      | 3.49   | cps   |
| Molybdenum | 98-1  | 6252      | 6252      | 6460      | 6321      | 1.90   | cps   |
| Neodymium  | 150-1 | 6102      | 5788      | 5555      | 5815      | 4.72   | cps   |
| Neodymium  | 150-2 | 2220      | 2147      | 2137      | 2168      | 2.10   | cps   |
| Nickel     | 60-2  | 20772     | 21032     | 21466     | 21090     | 1.66   | cps   |
| Phosphorus | 31-2  | 742       | 775       | 575       | 697       | 15.37  | cps   |
| Potassium  | 39-2  | 713508    | 718443    | 727612    | 719854    | 0.99   | cps   |
| Rhodium    | 103-1 | 4401096   | 4398678   | 4420637   | 4406803   | 0.27   | cps   |
| Rhodium    | 103-2 | 1952000   | 1960468   | 1975792   | 1962754   | 0.61   | cps   |
| Scandium   | 45-1  | 2783755   | 2802959   | 2837821   | 2808178   | 0.98   | cps   |
| Scandium   | 45-2  | 120902    | 123066    | 124783    | 122917    | 1.58   | cps   |
| Selenium   | 77-2  | 33        | 37        | 23        | 31        | 22.31  | cps   |
| Selenium   | 78-2  | 93        | 102       | 85        | 93        | 8.96   | cps   |
| Selenium   | 82-1  | 751       | 590       | 511       | 617       | 19.85  | cps   |
| Silicon    | 28-1  | 25659553  | 25256381  | 25774892  | 25563609  | 1.06   | cps   |
| Silver     | 109-1 | 1550      | 1517      | 1642      | 1570      | 4.12   | cps   |
| Silver     | 107-1 | 1809      | 1642      | 1700      | 1717      | 4.93   | cps   |
| Sodium     | 23-2  | 514998278 | 522136962 | 525792628 | 520975956 | 1.05   | cps   |
| Strontium  | 86-1  | 4297653   | 4303796   | 4295928   | 4299125   | 0.10   | cps   |
| Strontium  | 88-1  | 37674622  | 37818297  | 37983873  | 37825597  | 0.41   | cps   |
| Sulfur     | 34-1  | 43260110  | 43674748  | 44166848  | 43700569  | 1.04   | cps   |
| Terbium    | 159-1 | 8007112   | 7878583   | 8017732   | 7967809   | 0.97   | cps   |
| Terbium    | 159-2 | 3416919   | 3427189   | 3450268   | 3431459   | 0.50   | cps   |
| Thallium   | 203-1 | 1192      | 1100      | 1292      | 1195      | 8.03   | cps   |
| Thallium   | 205-1 | 2834      | 2592      | 2900      | 2775      | 5.85   | cps   |
| Tin        | 118-1 | 6602      | 6585      | 6518      | 6568      | 0.67   | cps   |
| Titanium   | 47-1  | 16641     | 14977     | 19420     | 17013     | 13.20  | cps   |
| Uranium    | 238-1 | 821638    | 816758    | 820782    | 819726    | 0.32   | cps   |
| Vanadium   | 51-2  | 9416      | 9827      | 9557      | 9600      | 2.17   | cps   |
| Yttrium    | 89-1  | 5592172   | 5613934   | 5657524   | 5621210   | 0.59   | cps   |
| Yttrium    | 89-2  | 756326    | 763534    | 770517    | 763459    | 0.93   | cps   |
| Zinc       | 66-2  | 5468      | 5831      | 5815      | 5705      | 3.60   | cps   |
| Zirconium  | 90-1  | 55272     | 54772     | 57040     | 55695     | 2.14   | cps   |

|                         |                     |                   |                     |
|-------------------------|---------------------|-------------------|---------------------|
| LB Number :             | LB88853             | Operator :        | Jaswal              |
| Lab Sample ID :         | I4251-04            | Instrumnet Name : | P7                  |
| Client Sample ID :      | WP022MW357-170717   | Dilution Factor : | 1                   |
| Date & Time Acquired :: | 2017-07-19 19:10:57 | DataFile Name :   | 102SMPL_P7071917 -M |

| Parameter | Mass | CPS1  | CPS2  | CPS3  | CPSMean | CPSRSD | Units |
|-----------|------|-------|-------|-------|---------|--------|-------|
| Zirconium | 91-1 | 12314 | 12172 | 12590 | 12359   | 1.72   | cps   |

|                         |                     |                   |                     |
|-------------------------|---------------------|-------------------|---------------------|
| LB Number :             | LB88853             | Operator :        | Jaswal              |
| Lab Sample ID :         | I4251-05            | Instrumnet Name : | P7                  |
| Client Sample ID :      | ST010MW005-170717   | Dilution Factor : | 1                   |
| Date & Time Acquired :: | 2017-07-19 19:14:27 | DataFile Name :   | 103SMPL_P7071917 -M |

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|------------|-------|----------|----------|----------|----------|--------|-------|
| Aluminium  | 27-2  | 1433     | 1533     | 1250     | 1406     | 10.22  | cps   |
| Antimony   | 121-1 | 14491    | 15225    | 15059    | 14925    | 2.58   | cps   |
| Arsenic    | 75-2  | 663      | 735      | 756      | 718      | 6.78   | cps   |
| Barium     | 135-1 | 145884   | 146086   | 147501   | 146490   | 0.60   | cps   |
| Barium     | 137-1 | 255095   | 257286   | 259050   | 257144   | 0.77   | cps   |
| Beryllium  | 9-1   | 111      | 111      | 139      | 120      | 13.32  | cps   |
| Bismuth    | 209-1 | 5501771  | 5461382  | 5572089  | 5511747  | 1.02   | cps   |
| Bismuth    | 209-2 | 2963879  | 2948694  | 2968799  | 2960457  | 0.35   | cps   |
| Boron      | 10-1  | 35476    | 37314    | 36737    | 36509    | 2.57   | cps   |
| Boron      | 11-1  | 181890   | 183736   | 188889   | 184838   | 1.96   | cps   |
| Cadmium    | 111-1 | 1389     | 1582     | 1395     | 1455     | 7.53   | cps   |
| Cadmium    | 106-1 | 1834     | 2100     | 1867     | 1934     | 7.52   | cps   |
| Cadmium    | 108-1 | 33       | 25       | 29       | 29       | 14.28  | cps   |
| Calcium    | 43-1  | 1064086  | 1044587  | 1054728  | 1054467  | 0.92   | cps   |
| Calcium    | 44-1  | 17183883 | 17080352 | 17298148 | 17187461 | 0.63   | cps   |
| Chromium   | 52-2  | 5251     | 5258     | 5358     | 5289     | 1.13   | cps   |
| Cobalt     | 59-2  | 710      | 740      | 647      | 699      | 6.82   | cps   |
| Copper     | 63-2  | 15315    | 15745    | 15719    | 15593    | 1.55   | cps   |
| Dysprosium | 156-1 | 150      | 142      | 183      | 158      | 13.92  | cps   |
| Dysprosium | 156-2 | 57       | 53       | 37       | 49       | 21.91  | cps   |
| Erbium     | 164-1 | 58       | 108      | 83       | 83       | 30.00  | cps   |
| Erbium     | 164-2 | 20       | 50       | 40       | 37       | 41.66  | cps   |
| Gadolinium | 160-1 | 142      | 92       | 150      | 128      | 24.69  | cps   |
| Gadolinium | 160-2 | 113      | 107      | 107      | 109      | 3.54   | cps   |
| Holmium    | 165-1 | 8223133  | 8207763  | 8271399  | 8234098  | 0.40   | cps   |
| Holmium    | 165-2 | 3798042  | 3764767  | 3799749  | 3787519  | 0.52   | cps   |
| Indium     | 115-1 | 5917253  | 5829047  | 5969285  | 5905195  | 1.20   | cps   |
| Indium     | 115-2 | 1084014  | 1071537  | 1074200  | 1076584  | 0.61   | cps   |
| Iron       | 56-2  | 504857   | 495040   | 496390   | 498763   | 1.07   | cps   |
| Iron       | 57-2  | 15136    | 14880    | 14496    | 14838    | 2.17   | cps   |
| Lead       | 206-1 | 2161     | 1956     | 2384     | 2167     | 9.87   | cps   |
| Lead       | 207-1 | 1956     | 1967     | 1900     | 1941     | 1.84   | cps   |
| Lead       | 208-1 | 8501     | 8251     | 8918     | 8557     | 3.94   | cps   |
| Lithium    | 6-1   | 997963   | 998539   | 1013396  | 1003299  | 0.87   | cps   |
| Magnesium  | 24-2  | 3024875  | 2970945  | 2984784  | 2993534  | 0.94   | cps   |
| Manganese  | 55-2  | 129641   | 127120   | 127358   | 128040   | 1.09   | cps   |

LB Number : LB88853 Operator : Jaswal  
 Lab Sample ID : I4251-05 Instrumnet Name : P7  
 Client Sample ID : ST010MW005-170717 Dilution Factor : 1  
 Date & Time Acquired :: 2017-07-19 19:14:27 DataFile Name : 103SMPL\_P7071917 -M

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD   | Units |
|------------|-------|----------|----------|----------|----------|----------|-------|
| Molybdenum | 94-1  | 4584     | 4601     | 4693     | 4626     | 1.26     | cps   |
| Molybdenum | 95-1  | 6427     | 6552     | 6935     | 6638     | 3.99     | cps   |
| Molybdenum | 96-1  | 7219     | 7594     | 7235     | 7349     | 2.88     | cps   |
| Molybdenum | 97-1  | 4401     | 4326     | 4001     | 4242     | 5.01     | cps   |
| Molybdenum | 98-1  | 10971    | 10971    | 10496    | 10813    | 2.54     | cps   |
| Neodymium  | 150-1 | 213      | 293      | 247      | 251      | 16.00    | cps   |
| Neodymium  | 150-2 | 80       | 57       | 73       | 70       | 17.17    | cps   |
| Nickel     | 60-2  | 3634     | 3724     | 3584     | 3647     | 1.95     | cps   |
| Phosphorus | 31-2  | 83       | 83       | 117      | 94       | 20.38    | cps   |
| Potassium  | 39-2  | 56349    | 55120    | 53347    | 54939    | 2.75     | cps   |
| Rhodium    | 103-1 | 4925381  | 4945322  | 4991998  | 4954233  | 0.69     | cps   |
| Rhodium    | 103-2 | 2245199  | 2229537  | 2234833  | 2236523  | 0.36     | cps   |
| Scandium   | 45-1  | 2836448  | 2793898  | 2827402  | 2819249  | 0.80     | cps   |
| Scandium   | 45-2  | 120398   | 119232   | 118617   | 119416   | 0.76     | cps   |
| Selenium   | 77-2  | 3        | 10       | 10       | 8        | 49.52    | cps   |
| Selenium   | 78-2  | 48       | 48       | 57       | 51       | 10.43    | cps   |
| Selenium   | 82-1  | 46       | 57       | -124     | -7       | -1368.65 | cps   |
| Silicon    | 28-1  | 15361882 | 15248499 | 15311121 | 15307167 | 0.37     | cps   |
| Silver     | 109-1 | 2409     | 2234     | 2267     | 2303     | 4.04     | cps   |
| Silver     | 107-1 | 2492     | 2375     | 2417     | 2428     | 2.44     | cps   |
| Sodium     | 23-2  | 3630785  | 3570077  | 3562201  | 3587687  | 1.05     | cps   |
| Strontium  | 86-1  | 1498686  | 1483031  | 1517656  | 1499791  | 1.16     | cps   |
| Strontium  | 88-1  | 13290476 | 13109711 | 13457845 | 13286011 | 1.31     | cps   |
| Sulfur     | 34-1  | 279348   | 275578   | 274543   | 276489   | 0.91     | cps   |
| Terbium    | 159-1 | 8359000  | 8289188  | 8452331  | 8366840  | 0.98     | cps   |
| Terbium    | 159-2 | 3717116  | 3679990  | 3716900  | 3704669  | 0.58     | cps   |
| Thallium   | 203-1 | 67       | 75       | 108      | 83       | 26.46    | cps   |
| Thallium   | 205-1 | 250      | 275      | 250      | 258      | 5.59     | cps   |
| Tin        | 118-1 | 5935     | 5977     | 6052     | 5988     | 0.99     | cps   |
| Titanium   | 47-1  | 808      | 858      | 667      | 778      | 12.78    | cps   |
| Uranium    | 238-1 | 43675    | 42353    | 42521    | 42850    | 1.68     | cps   |
| Vanadium   | 51-2  | 713      | 637      | 837      | 729      | 13.84    | cps   |
| Yttrium    | 89-1  | 5749844  | 5651757  | 5739111  | 5713571  | 0.94     | cps   |
| Yttrium    | 89-2  | 772972   | 768380   | 773977   | 771776   | 0.39     | cps   |
| Zinc       | 66-2  | 3837     | 3524     | 3767     | 3709     | 4.43     | cps   |
| Zirconium  | 90-1  | 2609     | 2392     | 2459     | 2486     | 4.46     | cps   |

|                         |                     |                   |                     |
|-------------------------|---------------------|-------------------|---------------------|
| LB Number :             | LB88853             | Operator :        | Jaswal              |
| Lab Sample ID :         | I4251-05            | Instrumnet Name : | P7                  |
| Client Sample ID :      | ST010MW005-170717   | Dilution Factor : | 1                   |
| Date & Time Acquired :: | 2017-07-19 19:14:27 | DataFile Name :   | 103SMPL_P7071917 -M |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|-----------|------|------|------|------|---------|--------|-------|
| Zirconium | 91-1 | 458  | 508  | 450  | 472     | 6.68   | cps   |



|                         |                     |                   |                     |
|-------------------------|---------------------|-------------------|---------------------|
| LB Number :             | LB88853             | Operator :        | Jaswal              |
| Lab Sample ID :         | I4251-06            | Instrumnet Name : | P7                  |
| Client Sample ID :      | WP022RW349-170717   | Dilution Factor : | 1                   |
| Date & Time Acquired :: | 2017-07-19 19:17:58 | DataFile Name :   | 104SMPL_P7071917 -M |

| Parameter  | Mass  | CPS1      | CPS2      | CPS3      | CPSMean   | CPSRSD | Units |
|------------|-------|-----------|-----------|-----------|-----------|--------|-------|
| Aluminium  | 27-2  | 7548      | 6852      | 6760      | 7053      | 6.11   | cps   |
| Antimony   | 121-1 | 10338     | 11071     | 11213     | 10874     | 4.32   | cps   |
| Arsenic    | 75-2  | 632       | 628       | 683       | 648       | 4.80   | cps   |
| Barium     | 135-1 | 109058    | 110276    | 107228    | 108854    | 1.41   | cps   |
| Barium     | 137-1 | 187515    | 186563    | 186916    | 186998    | 0.26   | cps   |
| Beryllium  | 9-1   | 200       | 206       | 189       | 198       | 4.28   | cps   |
| Bismuth    | 209-1 | 4501534   | 4443369   | 4392839   | 4445914   | 1.22   | cps   |
| Bismuth    | 209-2 | 2289331   | 2299406   | 2297040   | 2295259   | 0.23   | cps   |
| Boron      | 10-1  | 26900     | 26858     | 27560     | 27106     | 1.45   | cps   |
| Boron      | 11-1  | 134947    | 137673    | 140176    | 137599    | 1.90   | cps   |
| Cadmium    | 111-1 | 1290      | 1353      | 1427      | 1357      | 5.06   | cps   |
| Cadmium    | 106-1 | 1959      | 1850      | 2000      | 1936      | 4.00   | cps   |
| Cadmium    | 108-1 | 342       | 208       | 229       | 260       | 27.62  | cps   |
| Calcium    | 43-1  | 9803036   | 9802049   | 9795471   | 9800186   | 0.04   | cps   |
| Calcium    | 44-1  | 158623524 | 158861129 | 159163329 | 158882660 | 0.17   | cps   |
| Chromium   | 52-2  | 33478     | 33007     | 32883     | 33123     | 0.95   | cps   |
| Cobalt     | 59-2  | 3144      | 3054      | 3167      | 3122      | 1.92   | cps   |
| Copper     | 63-2  | 15241     | 13807     | 13460     | 14169     | 6.67   | cps   |
| Dysprosium | 156-1 | 392       | 450       | 342       | 394       | 13.75  | cps   |
| Dysprosium | 156-2 | 183       | 147       | 187       | 172       | 12.89  | cps   |
| Erbium     | 164-1 | 442       | 383       | 475       | 433       | 10.71  | cps   |
| Erbium     | 164-2 | 193       | 127       | 187       | 169       | 21.74  | cps   |
| Gadolinium | 160-1 | 483       | 408       | 408       | 433       | 9.99   | cps   |
| Gadolinium | 160-2 | 190       | 260       | 230       | 227       | 15.50  | cps   |
| Holmium    | 165-1 | 7440000   | 7457035   | 7296196   | 7397744   | 1.19   | cps   |
| Holmium    | 165-2 | 3235376   | 3275676   | 3272651   | 3261234   | 0.69   | cps   |
| Indium     | 115-1 | 5223906   | 5173430   | 5121628   | 5172988   | 0.99   | cps   |
| Indium     | 115-2 | 923325    | 925570    | 925762    | 924886    | 0.15   | cps   |
| Iron       | 56-2  | 484118    | 465194    | 460874    | 470062    | 2.63   | cps   |
| Iron       | 57-2  | 34346     | 34424     | 34202     | 34324     | 0.33   | cps   |
| Lead       | 206-1 | 2950      | 2561      | 2839      | 2784      | 7.20   | cps   |
| Lead       | 207-1 | 2511      | 2506      | 2311      | 2443      | 4.66   | cps   |
| Lead       | 208-1 | 11647     | 10880     | 11375     | 11300     | 3.44   | cps   |
| Lithium    | 6-1   | 847976    | 839536    | 833472    | 840328    | 0.87   | cps   |
| Magnesium  | 24-2  | 12154800  | 12172968  | 12123362  | 12150377  | 0.21   | cps   |
| Manganese  | 55-2  | 104491    | 79818     | 77965     | 87425     | 16.94  | cps   |

|                         |                     |                   |                     |
|-------------------------|---------------------|-------------------|---------------------|
| LB Number :             | LB88853             | Operator :        | Jaswal              |
| Lab Sample ID :         | I4251-06            | Instrumnet Name : | P7                  |
| Client Sample ID :      | WP022RW349-170717   | Dilution Factor : | 1                   |
| Date & Time Acquired :: | 2017-07-19 19:17:58 | DataFile Name :   | 104SMPL_P7071917 -M |

| Parameter  | Mass  | CPS1      | CPS2      | CPS3      | CPSMean   | CPSRSD | Units |
|------------|-------|-----------|-----------|-----------|-----------|--------|-------|
| Molybdenum | 94-1  | 8279      | 7661      | 7803      | 7914      | 4.09   | cps   |
| Molybdenum | 95-1  | 1692      | 1875      | 1558      | 1709      | 9.31   | cps   |
| Molybdenum | 96-1  | 3267      | 3209      | 2850      | 3109      | 7.26   | cps   |
| Molybdenum | 97-1  | 1050      | 1008      | 1350      | 1136      | 16.41  | cps   |
| Molybdenum | 98-1  | 2634      | 2734      | 2784      | 2717      | 2.81   | cps   |
| Neodymium  | 150-1 | 507       | 427       | 480       | 471       | 8.65   | cps   |
| Neodymium  | 150-2 | 110       | 143       | 123       | 126       | 13.36  | cps   |
| Nickel     | 60-2  | 11511     | 11081     | 11001     | 11198     | 2.45   | cps   |
| Phosphorus | 31-2  | 333       | 367       | 283       | 328       | 12.80  | cps   |
| Potassium  | 39-2  | 936785    | 935640    | 938686    | 937037    | 0.16   | cps   |
| Rhodium    | 103-1 | 4225645   | 4242862   | 4202406   | 4223638   | 0.48   | cps   |
| Rhodium    | 103-2 | 1829163   | 1844056   | 1844214   | 1839144   | 0.47   | cps   |
| Scandium   | 45-1  | 2787062   | 2785609   | 2772183   | 2781618   | 0.29   | cps   |
| Scandium   | 45-2  | 118432    | 119551    | 119904    | 119295    | 0.64   | cps   |
| Selenium   | 77-2  | 20        | 30        | 20        | 23        | 24.74  | cps   |
| Selenium   | 78-2  | 74        | 63        | 70        | 69        | 8.18   | cps   |
| Selenium   | 82-1  | 429       | 294       | 148       | 290       | 48.35  | cps   |
| Silicon    | 28-1  | 19798531  | 19870157  | 19876473  | 19848387  | 0.22   | cps   |
| Silver     | 109-1 | 1275      | 1267      | 1275      | 1272      | 0.38   | cps   |
| Silver     | 107-1 | 1508      | 1358      | 1408      | 1425      | 5.36   | cps   |
| Sodium     | 23-2  | 566522346 | 568958129 | 568404546 | 567961674 | 0.22   | cps   |
| Strontium  | 86-1  | 3138174   | 3134620   | 3113580   | 3128791   | 0.42   | cps   |
| Strontium  | 88-1  | 27671825  | 27497309  | 27375104  | 27514746  | 0.54   | cps   |
| Sulfur     | 34-1  | 67910227  | 67791649  | 68041587  | 67914488  | 0.18   | cps   |
| Terbium    | 159-1 | 7613744   | 7561298   | 7481163   | 7552068   | 0.88   | cps   |
| Terbium    | 159-2 | 3163793   | 3194799   | 3208195   | 3188929   | 0.71   | cps   |
| Thallium   | 203-1 | 458       | 567       | 508       | 511       | 10.61  | cps   |
| Thallium   | 205-1 | 1225      | 1150      | 1058      | 1145      | 7.29   | cps   |
| Tin        | 118-1 | 4584      | 4418      | 4884      | 4629      | 5.11   | cps   |
| Titanium   | 47-1  | 3451      | 4424      | 3117      | 3664      | 18.53  | cps   |
| Uranium    | 238-1 | 367497    | 368276    | 364546    | 366773    | 0.54   | cps   |
| Vanadium   | 51-2  | 3951      | 4094      | 4147      | 4064      | 2.50   | cps   |
| Yttrium    | 89-1  | 5447674   | 5434468   | 5370069   | 5417404   | 0.77   | cps   |
| Yttrium    | 89-2  | 713191    | 719768    | 723553    | 718837    | 0.73   | cps   |
| Zinc       | 66-2  | 9181      | 6628      | 6665      | 7491      | 19.53  | cps   |
| Zirconium  | 90-1  | 19247     | 19265     | 17670     | 18727     | 4.89   | cps   |

|                         |                     |                   |                     |
|-------------------------|---------------------|-------------------|---------------------|
| LB Number :             | LB88853             | Operator :        | Jaswal              |
| Lab Sample ID :         | I4251-06            | Instrumnet Name : | P7                  |
| Client Sample ID :      | WP022RW349-170717   | Dilution Factor : | 1                   |
| Date & Time Acquired :: | 2017-07-19 19:17:58 | DataFile Name :   | 104SMPL_P7071917 -M |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|-----------|------|------|------|------|---------|--------|-------|
| Zirconium | 91-1 | 4259 | 4151 | 4243 | 4218    | 1.38   | cps   |

|                         |                     |                   |                     |
|-------------------------|---------------------|-------------------|---------------------|
| LB Number :             | LB88853             | Operator :        | Jaswal              |
| Lab Sample ID :         | I4251-07            | Instrumnet Name : | P7                  |
| Client Sample ID :      | WP022MW102-170717   | Dilution Factor : | 1                   |
| Date & Time Acquired :: | 2017-07-19 19:21:31 | DataFile Name :   | 105SMPL_P7071917 -M |

| Parameter  | Mass  | CPS1      | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|------------|-------|-----------|----------|----------|----------|--------|-------|
| Aluminium  | 27-2  | 200       | 242      | 233      | 225      | 9.80   | cps   |
| Antimony   | 121-1 | 10354     | 10863    | 11055    | 10757    | 3.36   | cps   |
| Arsenic    | 75-2  | 2626      | 2515     | 2624     | 2589     | 2.46   | cps   |
| Barium     | 135-1 | 60189     | 58792    | 59110    | 59364    | 1.23   | cps   |
| Barium     | 137-1 | 105734    | 102527   | 103945   | 104069   | 1.54   | cps   |
| Beryllium  | 9-1   | 244       | 183      | 122      | 183      | 33.33  | cps   |
| Bismuth    | 209-1 | 5249562   | 5184770  | 5184737  | 5206356  | 0.72   | cps   |
| Bismuth    | 209-2 | 2757735   | 2737096  | 2751567  | 2748799  | 0.39   | cps   |
| Boron      | 10-1  | 27125     | 26491    | 26566    | 26727    | 1.30   | cps   |
| Boron      | 11-1  | 138817    | 140983   | 138461   | 139421   | 0.98   | cps   |
| Cadmium    | 111-1 | 1260      | 1281     | 1293     | 1278     | 1.30   | cps   |
| Cadmium    | 106-1 | 1692      | 1775     | 1759     | 1742     | 2.53   | cps   |
| Cadmium    | 108-1 | 17        | 17       | 13       | 15       | 15.76  | cps   |
| Calcium    | 43-1  | 6200601   | 6150706  | 6119343  | 6156883  | 0.67   | cps   |
| Calcium    | 44-1  | 101162667 | 99406283 | 99084496 | 99884482 | 1.12   | cps   |
| Chromium   | 52-2  | 2147      | 2134     | 2150     | 2144     | 0.41   | cps   |
| Cobalt     | 59-2  | 28287     | 28762    | 28304    | 28451    | 0.95   | cps   |
| Copper     | 63-2  | 19079     | 19333    | 19700    | 19371    | 1.61   | cps   |
| Dysprosium | 156-1 | 83        | 108      | 100      | 97       | 13.09  | cps   |
| Dysprosium | 156-2 | 20        | 37       | 47       | 34       | 39.11  | cps   |
| Erbium     | 164-1 | 108       | 108      | 183      | 133      | 32.47  | cps   |
| Erbium     | 164-2 | 87        | 47       | 50       | 61       | 36.32  | cps   |
| Gadolinium | 160-1 | 75        | 92       | 125      | 97       | 26.19  | cps   |
| Gadolinium | 160-2 | 93        | 127      | 77       | 99       | 25.74  | cps   |
| Holmium    | 165-1 | 8255157   | 8035642  | 8205099  | 8165299  | 1.41   | cps   |
| Holmium    | 165-2 | 3728312   | 3674379  | 3669429  | 3690707  | 0.88   | cps   |
| Indium     | 115-1 | 5937146   | 5836959  | 5791086  | 5855064  | 1.28   | cps   |
| Indium     | 115-2 | 1054328   | 1049234  | 1050878  | 1051480  | 0.25   | cps   |
| Iron       | 56-2  | 26453132  | 26162208 | 26436253 | 26350531 | 0.62   | cps   |
| Iron       | 57-2  | 654657    | 652010   | 657313   | 654660   | 0.41   | cps   |
| Lead       | 206-1 | 1967      | 2200     | 2272     | 2147     | 7.44   | cps   |
| Lead       | 207-1 | 1761      | 2167     | 1978     | 1969     | 10.31  | cps   |
| Lead       | 208-1 | 8029      | 8707     | 8835     | 8524     | 5.08   | cps   |
| Lithium    | 6-1   | 984342    | 980926   | 981171   | 982146   | 0.19   | cps   |
| Magnesium  | 24-2  | 5318077   | 5256556  | 5307469  | 5294034  | 0.62   | cps   |
| Manganese  | 55-2  | 1227330   | 1217718  | 1228175  | 1224408  | 0.47   | cps   |

|                         |                     |                   |                     |
|-------------------------|---------------------|-------------------|---------------------|
| LB Number :             | LB88853             | Operator :        | Jaswal              |
| Lab Sample ID :         | I4251-07            | Instrumnet Name : | P7                  |
| Client Sample ID :      | WP022MW102-170717   | Dilution Factor : | 1                   |
| Date & Time Acquired :: | 2017-07-19 19:21:31 | DataFile Name :   | 105SMPL_P7071917 -M |

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|------------|-------|----------|----------|----------|----------|--------|-------|
| Molybdenum | 94-1  | 3567     | 3517     | 3767     | 3617     | 3.66   | cps   |
| Molybdenum | 95-1  | 3501     | 3501     | 3459     | 3487     | 0.69   | cps   |
| Molybdenum | 96-1  | 4818     | 4501     | 4568     | 4629     | 3.61   | cps   |
| Molybdenum | 97-1  | 2050     | 2159     | 2300     | 2170     | 5.78   | cps   |
| Molybdenum | 98-1  | 5668     | 5701     | 5843     | 5738     | 1.62   | cps   |
| Neodymium  | 150-1 | 147      | 147      | 173      | 156      | 9.90   | cps   |
| Neodymium  | 150-2 | 23       | 27       | 40       | 30       | 29.40  | cps   |
| Nickel     | 60-2  | 38143    | 37070    | 37662    | 37625    | 1.43   | cps   |
| Phosphorus | 31-2  | 267      | 233      | 275      | 258      | 8.54   | cps   |
| Potassium  | 39-2  | 621798   | 617370   | 624973   | 621380   | 0.61   | cps   |
| Rhodium    | 103-1 | 4936826  | 4908879  | 4823347  | 4889684  | 1.21   | cps   |
| Rhodium    | 103-2 | 2173874  | 2151335  | 2156523  | 2160577  | 0.55   | cps   |
| Scandium   | 45-1  | 3008848  | 2977535  | 2910106  | 2965497  | 1.70   | cps   |
| Scandium   | 45-2  | 124807   | 124040   | 123130   | 123992   | 0.68   | cps   |
| Selenium   | 77-2  | 0        | 10       | 13       | 8        | 89.21  | cps   |
| Selenium   | 78-2  | 59       | 52       | 50       | 54       | 9.12   | cps   |
| Selenium   | 82-1  | 216      | 161      | 219      | 199      | 16.58  | cps   |
| Silicon    | 28-1  | 34035429 | 33614562 | 33548628 | 33732873 | 0.78   | cps   |
| Silver     | 109-1 | 1817     | 1659     | 1609     | 1695     | 6.42   | cps   |
| Silver     | 107-1 | 2000     | 2009     | 1817     | 1942     | 5.58   | cps   |
| Sodium     | 23-2  | 38725595 | 37933840 | 38238253 | 38299229 | 1.04   | cps   |
| Strontium  | 86-1  | 2817000  | 2812351  | 2810222  | 2813191  | 0.12   | cps   |
| Strontium  | 88-1  | 24980408 | 24733247 | 24856359 | 24856671 | 0.50   | cps   |
| Sulfur     | 34-1  | 6567990  | 6538435  | 6459628  | 6522018  | 0.86   | cps   |
| Terbium    | 159-1 | 8413945  | 8284071  | 8403856  | 8367291  | 0.86   | cps   |
| Terbium    | 159-2 | 3625964  | 3626358  | 3608644  | 3620322  | 0.28   | cps   |
| Thallium   | 203-1 | 267      | 367      | 392      | 342      | 19.36  | cps   |
| Thallium   | 205-1 | 783      | 900      | 1042     | 908      | 14.24  | cps   |
| Tin        | 118-1 | 6577     | 6202     | 6335     | 6371     | 2.98   | cps   |
| Titanium   | 47-1  | 792      | 792      | 942      | 842      | 10.29  | cps   |
| Uranium    | 238-1 | 29226    | 29192    | 29142    | 29187    | 0.15   | cps   |
| Vanadium   | 51-2  | 2204     | 2410     | 2250     | 2288     | 4.74   | cps   |
| Yttrium    | 89-1  | 5871527  | 5840070  | 5849360  | 5853652  | 0.28   | cps   |
| Yttrium    | 89-2  | 782799   | 777396   | 774682   | 778292   | 0.53   | cps   |
| Zinc       | 66-2  | 4017     | 4114     | 3981     | 4037     | 1.71   | cps   |
| Zirconium  | 90-1  | 4810     | 4993     | 4526     | 4776     | 4.92   | cps   |

|                         |                     |                   |                     |
|-------------------------|---------------------|-------------------|---------------------|
| LB Number :             | LB88853             | Operator :        | Jaswal              |
| Lab Sample ID :         | I4251-07            | Instrumnet Name : | P7                  |
| Client Sample ID :      | WP022MW102-170717   | Dilution Factor : | 1                   |
| Date & Time Acquired :: | 2017-07-19 19:21:31 | DataFile Name :   | 105SMPL_P7071917 -M |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|-----------|------|------|------|------|---------|--------|-------|
| Zirconium | 91-1 | 1000 | 1042 | 1067 | 1036    | 3.25   | cps   |

LB Number : LB88853 Operator : Jaswal  
 Lab Sample ID : I4251-07DUP Instrumnet Name : P7  
 Client Sample ID : WP022MW102-170717D Dilution Factor : 1  
 Date & Time Acquired :: 2017-07-19 19:24:58 DataFile Name : 106SMPL\_P7071917 -M

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|------------|-------|----------|----------|----------|----------|--------|-------|
| Aluminium  | 27-2  | 225      | 258      | 217      | 233      | 9.45   | cps   |
| Antimony   | 121-1 | 8903     | 8878     | 8962     | 8914     | 0.48   | cps   |
| Arsenic    | 75-2  | 2434     | 2510     | 2395     | 2446     | 2.39   | cps   |
| Barium     | 135-1 | 58466    | 57562    | 57804    | 57944    | 0.81   | cps   |
| Barium     | 137-1 | 100058   | 100689   | 101999   | 100915   | 0.98   | cps   |
| Beryllium  | 9-1   | 106      | 117      | 122      | 115      | 7.39   | cps   |
| Bismuth    | 209-1 | 5140475  | 5097179  | 5134603  | 5124086  | 0.46   | cps   |
| Bismuth    | 209-2 | 2809791  | 2758593  | 2681477  | 2749954  | 2.35   | cps   |
| Boron      | 10-1  | 24362    | 24746    | 25756    | 24955    | 2.89   | cps   |
| Boron      | 11-1  | 127770   | 129122   | 130425   | 129106   | 1.03   | cps   |
| Cadmium    | 111-1 | 1219     | 1106     | 1246     | 1190     | 6.22   | cps   |
| Cadmium    | 106-1 | 1634     | 1550     | 1725     | 1636     | 5.35   | cps   |
| Cadmium    | 108-1 | 29       | 29       | 17       | 25       | 28.86  | cps   |
| Calcium    | 43-1  | 5719105  | 5627151  | 5710626  | 5685627  | 0.89   | cps   |
| Calcium    | 44-1  | 91624125 | 91635346 | 92585585 | 91948352 | 0.60   | cps   |
| Chromium   | 52-2  | 2164     | 2107     | 2067     | 2112     | 2.30   | cps   |
| Cobalt     | 59-2  | 27205    | 27980    | 26895    | 27360    | 2.04   | cps   |
| Copper     | 63-2  | 20244    | 20428    | 20418    | 20363    | 0.51   | cps   |
| Dysprosium | 156-1 | 67       | 58       | 67       | 64       | 7.53   | cps   |
| Dysprosium | 156-2 | 17       | 23       | 33       | 24       | 34.31  | cps   |
| Erbium     | 164-1 | 58       | 92       | 100      | 83       | 26.46  | cps   |
| Erbium     | 164-2 | 43       | 50       | 43       | 46       | 8.45   | cps   |
| Gadolinium | 160-1 | 92       | 92       | 158      | 114      | 33.80  | cps   |
| Gadolinium | 160-2 | 77       | 83       | 90       | 83       | 8.00   | cps   |
| Holmium    | 165-1 | 7923109  | 8015869  | 8079499  | 8006159  | 0.98   | cps   |
| Holmium    | 165-2 | 3798394  | 3674594  | 3589883  | 3687624  | 2.84   | cps   |
| Indium     | 115-1 | 5561056  | 5574000  | 5601635  | 5578897  | 0.37   | cps   |
| Indium     | 115-2 | 1051968  | 1025797  | 1009787  | 1029184  | 2.07   | cps   |
| Iron       | 56-2  | 25037406 | 25406453 | 24747683 | 25063847 | 1.32   | cps   |
| Iron       | 57-2  | 624620   | 632638   | 618139   | 625132   | 1.16   | cps   |
| Lead       | 206-1 | 1911     | 1800     | 2072     | 1928     | 7.10   | cps   |
| Lead       | 207-1 | 1617     | 1878     | 1950     | 1815     | 9.66   | cps   |
| Lead       | 208-1 | 7773     | 7951     | 8407     | 8044     | 4.06   | cps   |
| Lithium    | 6-1   | 933542   | 936156   | 947888   | 939195   | 0.81   | cps   |
| Magnesium  | 24-2  | 4953057  | 5075485  | 4947324  | 4991955  | 1.45   | cps   |
| Manganese  | 55-2  | 1162179  | 1181140  | 1153951  | 1165757  | 1.20   | cps   |

|                         |                     |                   |                     |
|-------------------------|---------------------|-------------------|---------------------|
| LB Number :             | LB88853             | Operator :        | Jaswal              |
| Lab Sample ID :         | I4251-07DUP         | Instrumnet Name : | P7                  |
| Client Sample ID :      | WP022MW102-170717D  | Dilution Factor : | 1                   |
| Date & Time Acquired :: | 2017-07-19 19:24:58 | DataFile Name :   | 106SMPL_P7071917 -M |

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|------------|-------|----------|----------|----------|----------|--------|-------|
| Molybdenum | 94-1  | 3667     | 3459     | 3417     | 3514     | 3.81   | cps   |
| Molybdenum | 95-1  | 3234     | 3442     | 3467     | 3381     | 3.79   | cps   |
| Molybdenum | 96-1  | 4493     | 4509     | 4059     | 4354     | 5.86   | cps   |
| Molybdenum | 97-1  | 1934     | 2042     | 2075     | 2017     | 3.67   | cps   |
| Molybdenum | 98-1  | 5368     | 5001     | 5076     | 5148     | 3.76   | cps   |
| Neodymium  | 150-1 | 120      | 113      | 133      | 122      | 8.33   | cps   |
| Neodymium  | 150-2 | 37       | 20       | 23       | 27       | 33.08  | cps   |
| Nickel     | 60-2  | 35486    | 36285    | 34825    | 35532    | 2.06   | cps   |
| Phosphorus | 31-2  | 242      | 183      | 233      | 219      | 14.38  | cps   |
| Potassium  | 39-2  | 585030   | 590926   | 573203   | 583053   | 1.55   | cps   |
| Rhodium    | 103-1 | 4618049  | 4601222  | 4647794  | 4622355  | 0.51   | cps   |
| Rhodium    | 103-2 | 2165511  | 2103263  | 2071570  | 2113448  | 2.26   | cps   |
| Scandium   | 45-1  | 2709492  | 2666473  | 2689554  | 2688506  | 0.80   | cps   |
| Scandium   | 45-2  | 122814   | 117333   | 115382   | 118510   | 3.25   | cps   |
| Selenium   | 77-2  | 10       | 0        | 0        | 3        | 173.21 | cps   |
| Selenium   | 78-2  | 37       | 57       | 50       | 48       | 21.41  | cps   |
| Selenium   | 82-1  | 114      | 205      | 163      | 161      | 28.26  | cps   |
| Silicon    | 28-1  | 30855301 | 30479803 | 30976799 | 30770634 | 0.84   | cps   |
| Silver     | 109-1 | 1575     | 1584     | 1575     | 1578     | 0.31   | cps   |
| Silver     | 107-1 | 1867     | 2084     | 1475     | 1809     | 17.05  | cps   |
| Sodium     | 23-2  | 36206559 | 36489222 | 35727535 | 36141105 | 1.07   | cps   |
| Strontium  | 86-1  | 2688853  | 2668600  | 2696480  | 2684644  | 0.54   | cps   |
| Strontium  | 88-1  | 23576009 | 23560050 | 24046198 | 23727419 | 1.16   | cps   |
| Sulfur     | 34-1  | 5953986  | 6020764  | 5997606  | 5990785  | 0.57   | cps   |
| Terbium    | 159-1 | 8118407  | 8158443  | 8144942  | 8140597  | 0.25   | cps   |
| Terbium    | 159-2 | 3703869  | 3598832  | 3517329  | 3606677  | 2.59   | cps   |
| Thallium   | 203-1 | 250      | 375      | 317      | 314      | 19.92  | cps   |
| Thallium   | 205-1 | 850      | 908      | 967      | 908      | 6.42   | cps   |
| Tin        | 118-1 | 9218     | 6160     | 5743     | 7040     | 26.95  | cps   |
| Titanium   | 47-1  | 825      | 725      | 700      | 750      | 8.82   | cps   |
| Uranium    | 238-1 | 28607    | 29643    | 29301    | 29184    | 1.81   | cps   |
| Vanadium   | 51-2  | 2174     | 2174     | 2124     | 2157     | 1.34   | cps   |
| Yttrium    | 89-1  | 5538564  | 5507439  | 5531743  | 5525915  | 0.30   | cps   |
| Yttrium    | 89-2  | 775213   | 745261   | 736872   | 752449   | 2.68   | cps   |
| Zinc       | 66-2  | 3807     | 3867     | 4011     | 3895     | 2.68   | cps   |
| Zirconium  | 90-1  | 4234     | 3976     | 4259     | 4156     | 3.78   | cps   |



|                         |                     |                   |                     |
|-------------------------|---------------------|-------------------|---------------------|
| LB Number :             | LB88853             | Operator :        | Jaswal              |
| Lab Sample ID :         | I4251-07DUP         | Instrumnet Name : | P7                  |
| Client Sample ID :      | WP022MW102-170717D  | Dilution Factor : | 1                   |
| Date & Time Acquired :: | 2017-07-19 19:24:58 | DataFile Name :   | 106SMPL_P7071917 -M |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|-----------|------|------|------|------|---------|--------|-------|
| Zirconium | 91-1 | 850  | 1017 | 1075 | 981     | 11.91  | cps   |

|                         |                     |                   |                      |
|-------------------------|---------------------|-------------------|----------------------|
| LB Number :             | LB88853             | Operator :        | Jaswal               |
| Lab Sample ID :         | CCV38               | Instrumnet Name : | P7                   |
| Client Sample ID :      | CCV38               | Dilution Factor : | 1                    |
| Date & Time Acquired :: | 2017-07-19 19:28:27 | DataFile Name :   | 107CCV_P7071917 -MS. |

| Parameter  | Mass  | CPS1      | CPS2      | CPS3      | CPSMean   | CPSRSD | Units |
|------------|-------|-----------|-----------|-----------|-----------|--------|-------|
| Aluminium  | 27-2  | 2052240   | 2081467   | 2071343   | 2068350   | 0.72   | cps   |
| Antimony   | 121-1 | 2664728   | 2681212   | 2695812   | 2680584   | 0.58   | cps   |
| Arsenic    | 75-2  | 84814     | 84905     | 85959     | 85226     | 0.75   | cps   |
| Barium     | 135-1 | 4162085   | 4126075   | 4131606   | 4139922   | 0.47   | cps   |
| Barium     | 137-1 | 7305889   | 7246162   | 7313051   | 7288367   | 0.50   | cps   |
| Beryllium  | 9-1   | 337264    | 332995    | 335936    | 335398    | 0.65   | cps   |
| Bismuth    | 209-1 | 5141576   | 5132185   | 5135814   | 5136525   | 0.09   | cps   |
| Bismuth    | 209-2 | 2730791   | 2752895   | 2765465   | 2749717   | 0.64   | cps   |
| Boron      | 10-1  | 36863     | 36771     | 36946     | 36860     | 0.24   | cps   |
| Boron      | 11-1  | 183946    | 184983    | 187615    | 185515    | 1.02   | cps   |
| Cadmium    | 111-1 | 690536    | 693619    | 691723    | 691959    | 0.22   | cps   |
| Cadmium    | 106-1 | 74780     | 75779     | 74939     | 75166     | 0.71   | cps   |
| Cadmium    | 108-1 | 49628     | 48717     | 49641     | 49329     | 1.07   | cps   |
| Calcium    | 43-1  | 3658376   | 3624995   | 3642012   | 3641794   | 0.46   | cps   |
| Calcium    | 44-1  | 58585530  | 58259230  | 58523808  | 58456190  | 0.30   | cps   |
| Chromium   | 52-2  | 720186    | 727528    | 723419    | 723711    | 0.51   | cps   |
| Cobalt     | 59-2  | 1153121   | 1163307   | 1153950   | 1156792   | 0.49   | cps   |
| Copper     | 63-2  | 1624725   | 1643534   | 1632030   | 1633429   | 0.58   | cps   |
| Dysprosium | 156-1 | 117       | 92        | 117       | 108       | 13.32  | cps   |
| Dysprosium | 156-2 | 27        | 50        | 67        | 48        | 42.05  | cps   |
| Erbium     | 164-1 | 33        | 83        | 42        | 53        | 50.76  | cps   |
| Erbium     | 164-2 | 30        | 23        | 40        | 31        | 26.97  | cps   |
| Gadolinium | 160-1 | 50        | 100       | 117       | 89        | 39.03  | cps   |
| Gadolinium | 160-2 | 77        | 83        | 90        | 83        | 8.00   | cps   |
| Holmium    | 165-1 | 8212442   | 8203233   | 8154760   | 8190145   | 0.38   | cps   |
| Holmium    | 165-2 | 3735277   | 3749919   | 3771966   | 3752387   | 0.49   | cps   |
| Indium     | 115-1 | 5667391   | 5650886   | 5619569   | 5645949   | 0.43   | cps   |
| Indium     | 115-2 | 1020968   | 1028169   | 1033798   | 1027645   | 0.63   | cps   |
| Iron       | 56-2  | 142532837 | 144854931 | 143399925 | 143595898 | 0.82   | cps   |
| Iron       | 57-2  | 3551507   | 3596754   | 3583972   | 3577411   | 0.65   | cps   |
| Lead       | 206-1 | 2746022   | 2745274   | 2738347   | 2743214   | 0.15   | cps   |
| Lead       | 207-1 | 2517356   | 2508171   | 2507333   | 2510954   | 0.22   | cps   |
| Lead       | 208-1 | 11385747  | 11371787  | 11356168  | 11371234  | 0.13   | cps   |
| Lithium    | 6-1   | 835126    | 830550    | 828556    | 831411    | 0.41   | cps   |
| Magnesium  | 24-2  | 23706973  | 23773564  | 23872947  | 23784495  | 0.35   | cps   |
| Manganese  | 55-2  | 813418    | 830716    | 818779    | 820971    | 1.08   | cps   |

|                         |                     |                   |                      |
|-------------------------|---------------------|-------------------|----------------------|
| LB Number :             | LB88853             | Operator :        | Jaswal               |
| Lab Sample ID :         | CCV38               | Instrumnet Name : | P7                   |
| Client Sample ID :      | CCV38               | Dilution Factor : | 1                    |
| Date & Time Acquired :: | 2017-07-19 19:28:27 | DataFile Name :   | 107CCV_P7071917 -MS. |

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|------------|-------|----------|----------|----------|----------|--------|-------|
| Molybdenum | 94-1  | 2579048  | 2564067  | 2570455  | 2571190  | 0.29   | cps   |
| Molybdenum | 95-1  | 1467273  | 1455521  | 1467282  | 1463359  | 0.46   | cps   |
| Molybdenum | 96-1  | 1865148  | 1842768  | 1863102  | 1857006  | 0.67   | cps   |
| Molybdenum | 97-1  | 915238   | 904758   | 910485   | 910160   | 0.58   | cps   |
| Molybdenum | 98-1  | 2381276  | 2367357  | 2377322  | 2375318  | 0.30   | cps   |
| Neodymium  | 150-1 | 440      | 493      | 573      | 502      | 13.36  | cps   |
| Neodymium  | 150-2 | 63       | 57       | 50       | 57       | 11.76  | cps   |
| Nickel     | 60-2  | 300112   | 303375   | 303880   | 302456   | 0.68   | cps   |
| Phosphorus | 31-2  | 21666    | 21875    | 21608    | 21717    | 0.65   | cps   |
| Potassium  | 39-2  | 12530777 | 12752483 | 12607520 | 12630260 | 0.89   | cps   |
| Rhodium    | 103-1 | 4763542  | 4738817  | 4752954  | 4751771  | 0.26   | cps   |
| Rhodium    | 103-2 | 2104570  | 2121051  | 2123892  | 2116505  | 0.49   | cps   |
| Scandium   | 45-1  | 2824342  | 2821286  | 2791170  | 2812266  | 0.65   | cps   |
| Scandium   | 45-2  | 120663   | 122508   | 122736   | 121969   | 0.93   | cps   |
| Selenium   | 77-2  | 1577     | 1747     | 1730     | 1685     | 5.56   | cps   |
| Selenium   | 78-2  | 5605     | 5685     | 5881     | 5723     | 2.48   | cps   |
| Selenium   | 82-1  | 39806    | 40113    | 40373    | 40097    | 0.71   | cps   |
| Silicon    | 28-1  | 1836242  | 1840668  | 1861251  | 1846053  | 0.72   | cps   |
| Silver     | 109-1 | 3283124  | 3292213  | 3278672  | 3284670  | 0.21   | cps   |
| Silver     | 107-1 | 3427952  | 3400859  | 3435901  | 3421571  | 0.54   | cps   |
| Sodium     | 23-2  | 44587670 | 45065257 | 44745711 | 44799546 | 0.54   | cps   |
| Strontium  | 86-1  | 952905   | 949920   | 950284   | 951036   | 0.17   | cps   |
| Strontium  | 88-1  | 8553862  | 8472742  | 8460016  | 8495540  | 0.60   | cps   |
| Sulfur     | 34-1  | 371466   | 367784   | 370174   | 369808   | 0.51   | cps   |
| Terbium    | 159-1 | 8357177  | 8479135  | 8386657  | 8407656  | 0.76   | cps   |
| Terbium    | 159-2 | 3658973  | 3679059  | 3693804  | 3677279  | 0.48   | cps   |
| Thallium   | 203-1 | 3393151  | 3351460  | 3372735  | 3372449  | 0.62   | cps   |
| Thallium   | 205-1 | 8281696  | 8233793  | 8240805  | 8252098  | 0.31   | cps   |
| Tin        | 118-1 | 2580966  | 2581278  | 2574179  | 2578808  | 0.16   | cps   |
| Titanium   | 47-1  | 346513   | 339708   | 341368   | 342530   | 1.04   | cps   |
| Uranium    | 238-1 | 12410373 | 12350244 | 12405874 | 12388830 | 0.27   | cps   |
| Vanadium   | 51-2  | 594764   | 603112   | 601178   | 599685   | 0.73   | cps   |
| Yttrium    | 89-1  | 5730435  | 5732254  | 5703696  | 5722128  | 0.28   | cps   |
| Yttrium    | 89-2  | 768748   | 776675   | 777813   | 774412   | 0.64   | cps   |
| Zinc       | 66-2  | 218559   | 219612   | 220562   | 219578   | 0.46   | cps   |
| Zirconium  | 90-1  | 4786033  | 4747423  | 4784116  | 4772524  | 0.46   | cps   |

|                         |                     |                   |                      |
|-------------------------|---------------------|-------------------|----------------------|
| LB Number :             | LB88853             | Operator :        | Jaswal               |
| Lab Sample ID :         | CCV38               | Instrumnet Name : | P7                   |
| Client Sample ID :      | CCV38               | Dilution Factor : | 1                    |
| Date & Time Acquired :: | 2017-07-19 19:28:27 | DataFile Name :   | 107CCV_P7071917 -MS. |

| Parameter | Mass | CPS1    | CPS2    | CPS3    | CPSMean | CPSRSD | Units |
|-----------|------|---------|---------|---------|---------|--------|-------|
| Zirconium | 91-1 | 1054090 | 1052412 | 1063095 | 1056532 | 0.54   | cps   |

LB Number : LB88853 Operator : Jaswal  
 Lab Sample ID : CCB38 Instrumnet Name : P7  
 Client Sample ID : CCB38 Dilution Factor : 1  
 Date & Time Acquired :: 2017-07-19 19:31:58 DataFile Name : 108CCBE\_P7071917 -M:

| Parameter  | Mass  | CPS1    | CPS2    | CPS3    | CPSMean | CPSRSD | Units |
|------------|-------|---------|---------|---------|---------|--------|-------|
| Aluminium  | 27-2  | 8       | 42      | 67      | 39      | 75.26  | cps   |
| Antimony   | 121-1 | 8820    | 7711    | 7194    | 7908    | 10.50  | cps   |
| Arsenic    | 75-2  | 48      | 48      | 43      | 46      | 6.93   | cps   |
| Barium     | 135-1 | 67      | 75      | 8       | 50      | 72.65  | cps   |
| Barium     | 137-1 | 125     | 142     | 117     | 128     | 9.97   | cps   |
| Beryllium  | 9-1   | 278     | 317     | 344     | 313     | 10.70  | cps   |
| Bismuth    | 209-1 | 5295289 | 5287566 | 5170720 | 5251192 | 1.33   | cps   |
| Bismuth    | 209-2 | 2913173 | 2935362 | 2936877 | 2928471 | 0.45   | cps   |
| Boron      | 10-1  | 3184    | 2992    | 3050    | 3075    | 3.20   | cps   |
| Boron      | 11-1  | 15934   | 16051   | 14591   | 15525   | 5.23   | cps   |
| Cadmium    | 111-1 | 1143    | 1278    | 1312    | 1245    | 7.20   | cps   |
| Cadmium    | 106-1 | 1592    | 1825    | 1842    | 1753    | 7.98   | cps   |
| Cadmium    | 108-1 | 13      | 17      | 21      | 17      | 24.99  | cps   |
| Calcium    | 43-1  | 167     | 233     | 192     | 197     | 17.08  | cps   |
| Calcium    | 44-1  | 5026    | 4359    | 4459    | 4615    | 7.79   | cps   |
| Chromium   | 52-2  | 347     | 360     | 357     | 354     | 1.96   | cps   |
| Cobalt     | 59-2  | 63      | 60      | 60      | 61      | 3.15   | cps   |
| Copper     | 63-2  | 2637    | 2770    | 2347    | 2585    | 8.38   | cps   |
| Dysprosium | 156-1 | 0       | 0       | 17      | 6       | 173.21 | cps   |
| Dysprosium | 156-2 | 0       | 0       | 0       | 0       | 0.00   | cps   |
| Erbium     | 164-1 | 25      | 25      | 25      | 25      | 0.00   | cps   |
| Erbium     | 164-2 | 7       | 13      | 13      | 11      | 34.61  | cps   |
| Gadolinium | 160-1 | 8       | 42      | 58      | 36      | 70.51  | cps   |
| Gadolinium | 160-2 | 47      | 67      | 47      | 53      | 21.65  | cps   |
| Holmium    | 165-1 | 8028471 | 7998557 | 7873183 | 7966737 | 1.03   | cps   |
| Holmium    | 165-2 | 3694857 | 3709116 | 3723564 | 3709179 | 0.39   | cps   |
| Indium     | 115-1 | 5737179 | 5705255 | 5582579 | 5675004 | 1.44   | cps   |
| Indium     | 115-2 | 1065607 | 1074068 | 1070625 | 1070100 | 0.40   | cps   |
| Iron       | 56-2  | 7752    | 7808    | 8330    | 7963    | 4.00   | cps   |
| Iron       | 57-2  | 283     | 356     | 261     | 300     | 16.46  | cps   |
| Lead       | 206-1 | 933     | 811     | 945     | 896     | 8.25   | cps   |
| Lead       | 207-1 | 961     | 883     | 711     | 852     | 15.02  | cps   |
| Lead       | 208-1 | 3811    | 3573    | 3561    | 3648    | 3.87   | cps   |
| Lithium    | 6-1   | 827792  | 830160  | 811857  | 823270  | 1.21   | cps   |
| Magnesium  | 24-2  | 658     | 500     | 717     | 625     | 17.94  | cps   |
| Manganese  | 55-2  | 423     | 533     | 437     | 464     | 12.93  | cps   |

|                         |                     |                   |                     |
|-------------------------|---------------------|-------------------|---------------------|
| LB Number :             | LB88853             | Operator :        | Jaswal              |
| Lab Sample ID :         | CCB38               | Instrumnet Name : | P7                  |
| Client Sample ID :      | CCB38               | Dilution Factor : | 1                   |
| Date & Time Acquired :: | 2017-07-19 19:31:58 | DataFile Name :   | 108CCBE_P7071917 -M |

| Parameter  | Mass  | CPS1    | CPS2    | CPS3    | CPSMean | CPSRSD | Units |
|------------|-------|---------|---------|---------|---------|--------|-------|
| Molybdenum | 94-1  | 1975    | 1500    | 1825    | 1767    | 13.75  | cps   |
| Molybdenum | 95-1  | 842     | 833     | 850     | 842     | 0.99   | cps   |
| Molybdenum | 96-1  | 1342    | 1125    | 1142    | 1203    | 10.03  | cps   |
| Molybdenum | 97-1  | 700     | 558     | 558     | 606     | 13.51  | cps   |
| Molybdenum | 98-1  | 1575    | 1517    | 1542    | 1545    | 1.89   | cps   |
| Neodymium  | 150-1 | 7       | 0       | 0       | 2       | 173.21 | cps   |
| Neodymium  | 150-2 | 0       | 0       | 0       | 0       | 0.00   | cps   |
| Nickel     | 60-2  | 173     | 207     | 223     | 201     | 12.66  | cps   |
| Phosphorus | 31-2  | 92      | 92      | 92      | 92      | 0.00   | cps   |
| Potassium  | 39-2  | 22167   | 22217   | 22843   | 22409   | 1.68   | cps   |
| Rhodium    | 103-1 | 4951048 | 4956541 | 4834885 | 4914158 | 1.40   | cps   |
| Rhodium    | 103-2 | 2258394 | 2268763 | 2278766 | 2268641 | 0.45   | cps   |
| Scandium   | 45-1  | 2736940 | 2752277 | 2668132 | 2719116 | 1.65   | cps   |
| Scandium   | 45-2  | 118841  | 120038  | 120925  | 119935  | 0.87   | cps   |
| Selenium   | 77-2  | 3       | 3       | 3       | 3       | 0.00   | cps   |
| Selenium   | 78-2  | 67      | 52      | 31      | 50      | 35.34  | cps   |
| Selenium   | 82-1  | 17      | 49      | -27     | 13      | 293.26 | cps   |
| Silicon    | 28-1  | 284085  | 276884  | 270124  | 277031  | 2.52   | cps   |
| Silver     | 109-1 | 1367    | 1350    | 1008    | 1242    | 16.29  | cps   |
| Silver     | 107-1 | 1308    | 1317    | 1250    | 1292    | 2.81   | cps   |
| Sodium     | 23-2  | 33363   | 32650   | 32210   | 32741   | 1.78   | cps   |
| Strontium  | 86-1  | 600     | 767     | 658     | 675     | 12.53  | cps   |
| Strontium  | 88-1  | 350     | 183     | 342     | 292     | 32.20  | cps   |
| Sulfur     | 34-1  | 174644  | 175861  | 172699  | 174401  | 0.91   | cps   |
| Terbium    | 159-1 | 8064922 | 8096775 | 8014876 | 8058858 | 0.51   | cps   |
| Terbium    | 159-2 | 3628025 | 3649559 | 3631384 | 3636323 | 0.32   | cps   |
| Thallium   | 203-1 | 375     | 242     | 167     | 261     | 40.41  | cps   |
| Thallium   | 205-1 | 792     | 592     | 667     | 683     | 14.79  | cps   |
| Tin        | 118-1 | 3451    | 3517    | 3284    | 3417    | 3.52   | cps   |
| Titanium   | 47-1  | 50      | 67      | 108     | 75      | 40.06  | cps   |
| Uranium    | 238-1 | 433     | 342     | 425     | 400     | 12.67  | cps   |
| Vanadium   | 51-2  | 47      | 30      | 27      | 34      | 31.11  | cps   |
| Yttrium    | 89-1  | 5586262 | 5583581 | 5467786 | 5545877 | 1.22   | cps   |
| Yttrium    | 89-2  | 767076  | 774767  | 774086  | 771976  | 0.55   | cps   |
| Zinc       | 66-2  | 417     | 487     | 417     | 440     | 9.18   | cps   |
| Zirconium  | 90-1  | 3576    | 3834    | 3434    | 3615    | 5.61   | cps   |

|                         |                     |                   |                      |
|-------------------------|---------------------|-------------------|----------------------|
| LB Number :             | LB88853             | Operator :        | Jaswal               |
| Lab Sample ID :         | CCB38               | Instrumnet Name : | P7                   |
| Client Sample ID :      | CCB38               | Dilution Factor : | 1                    |
| Date & Time Acquired :: | 2017-07-19 19:31:58 | DataFile Name :   | 108CCBE_P7071917 -M: |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|-----------|------|------|------|------|---------|--------|-------|
| Zirconium | 91-1 | 817  | 758  | 858  | 811     | 6.19   | cps   |

|                         |                     |                   |                     |
|-------------------------|---------------------|-------------------|---------------------|
| LB Number :             | LB88853             | Operator :        | Jaswal              |
| Lab Sample ID :         | I4251-07LX5         | Instrumnet Name : | P7                  |
| Client Sample ID :      | WP022MW102-170717L  | Dilution Factor : | 5                   |
| Date & Time Acquired :: | 2017-07-19 19:35:29 | DataFile Name :   | 109SMPL_P7071917 -M |

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|------------|-------|----------|----------|----------|----------|--------|-------|
| Aluminium  | 27-2  | 67       | 58       | 42       | 56       | 22.91  | cps   |
| Antimony   | 121-1 | 28179    | 25691    | 23287    | 25719    | 9.51   | cps   |
| Arsenic    | 75-2  | 644      | 600      | 554      | 599      | 7.57   | cps   |
| Barium     | 135-1 | 13640    | 13607    | 12873    | 13374    | 3.24   | cps   |
| Barium     | 137-1 | 23270    | 22578    | 23604    | 23151    | 2.26   | cps   |
| Beryllium  | 9-1   | 206      | 189      | 183      | 193      | 6.00   | cps   |
| Bismuth    | 209-1 | 5324936  | 5334396  | 5340662  | 5333331  | 0.15   | cps   |
| Bismuth    | 209-2 | 2800184  | 2872068  | 2769232  | 2813828  | 1.87   | cps   |
| Boron      | 10-1  | 6777     | 7002     | 6443     | 6741     | 4.17   | cps   |
| Boron      | 11-1  | 32662    | 33630    | 33872    | 33388    | 1.92   | cps   |
| Cadmium    | 111-1 | 1199     | 1450     | 1399     | 1350     | 9.83   | cps   |
| Cadmium    | 106-1 | 1700     | 2042     | 1942     | 1895     | 9.27   | cps   |
| Cadmium    | 108-1 | 17       | 0        | 8        | 8        | 100.02 | cps   |
| Calcium    | 43-1  | 1313358  | 1304665  | 1290693  | 1302905  | 0.88   | cps   |
| Calcium    | 44-1  | 21263654 | 21334840 | 20874216 | 21157570 | 1.17   | cps   |
| Chromium   | 52-2  | 740      | 667      | 670      | 692      | 5.98   | cps   |
| Cobalt     | 59-2  | 6728     | 6505     | 6692     | 6642     | 1.80   | cps   |
| Copper     | 63-2  | 6115     | 5631     | 5618     | 5788     | 4.89   | cps   |
| Dysprosium | 156-1 | 42       | 25       | 8        | 25       | 66.68  | cps   |
| Dysprosium | 156-2 | 0        | 7        | 7        | 4        | 86.60  | cps   |
| Erbium     | 164-1 | 33       | 0        | 33       | 22       | 86.60  | cps   |
| Erbium     | 164-2 | 10       | 20       | 23       | 18       | 39.03  | cps   |
| Gadolinium | 160-1 | 92       | 58       | 58       | 69       | 27.71  | cps   |
| Gadolinium | 160-2 | 73       | 53       | 73       | 67       | 17.32  | cps   |
| Holmium    | 165-1 | 8137174  | 8140203  | 8186592  | 8154657  | 0.34   | cps   |
| Holmium    | 165-2 | 3596052  | 3718612  | 3564887  | 3626517  | 2.24   | cps   |
| Indium     | 115-1 | 5716092  | 5760536  | 5712494  | 5729707  | 0.47   | cps   |
| Indium     | 115-2 | 1015814  | 1042845  | 1005515  | 1021391  | 1.89   | cps   |
| Iron       | 56-2  | 5929851  | 5850841  | 5914123  | 5898272  | 0.71   | cps   |
| Iron       | 57-2  | 146422   | 144066   | 146344   | 145611   | 0.92   | cps   |
| Lead       | 206-1 | 1067     | 1189     | 911      | 1056     | 13.19  | cps   |
| Lead       | 207-1 | 950      | 983      | 900      | 945      | 4.44   | cps   |
| Lead       | 208-1 | 4195     | 4462     | 3873     | 4176     | 7.06   | cps   |
| Lithium    | 6-1   | 841350   | 851499   | 840313   | 844387   | 0.73   | cps   |
| Magnesium  | 24-2  | 1149098  | 1130445  | 1144941  | 1141494  | 0.86   | cps   |
| Manganese  | 55-2  | 273534   | 268420   | 271329   | 271094   | 0.95   | cps   |



LB Number : LB88853 Operator : Jaswal  
 Lab Sample ID : I4251-07LX5 Instrumnet Name : P7  
 Client Sample ID : WP022MW102-170717L Dilution Factor : 5  
 Date & Time Acquired :: 2017-07-19 19:35:29 DataFile Name : 109SMPL\_P7071917 -M

| Parameter  | Mass  | CPS1    | CPS2    | CPS3    | CPSMean | CPSRSD | Units |
|------------|-------|---------|---------|---------|---------|--------|-------|
| Molybdenum | 94-1  | 2409    | 2334    | 2159    | 2300    | 5.58   | cps   |
| Molybdenum | 95-1  | 1075    | 892     | 942     | 970     | 9.78   | cps   |
| Molybdenum | 96-1  | 1634    | 1592    | 1550    | 1592    | 2.62   | cps   |
| Molybdenum | 97-1  | 733     | 683     | 642     | 686     | 6.69   | cps   |
| Molybdenum | 98-1  | 1692    | 1675    | 1625    | 1664    | 2.09   | cps   |
| Neodymium  | 150-1 | 13      | 27      | 47      | 29      | 58.08  | cps   |
| Neodymium  | 150-2 | 0       | 7       | 10      | 6       | 91.64  | cps   |
| Nickel     | 60-2  | 8576    | 8269    | 8526    | 8457    | 1.95   | cps   |
| Phosphorus | 31-2  | 117     | 125     | 92      | 111     | 15.61  | cps   |
| Potassium  | 39-2  | 151205  | 153233  | 151298  | 151912  | 0.75   | cps   |
| Rhodium    | 103-1 | 4843598 | 4925222 | 4847728 | 4872182 | 0.94   | cps   |
| Rhodium    | 103-2 | 2113491 | 2180666 | 2104387 | 2132848 | 1.95   | cps   |
| Scandium   | 45-1  | 2718474 | 2746333 | 2746828 | 2737212 | 0.59   | cps   |
| Scandium   | 45-2  | 114093  | 116557  | 111215  | 113955  | 2.35   | cps   |
| Selenium   | 77-2  | 0       | 0       | 0       | 0       | 0.00   | cps   |
| Selenium   | 78-2  | 31      | 39      | 37      | 36      | 10.77  | cps   |
| Selenium   | 82-1  | 54      | 49      | 79      | 61      | 26.21  | cps   |
| Silicon    | 28-1  | 7186822 | 7233464 | 7093674 | 7171320 | 0.99   | cps   |
| Silver     | 109-1 | 1975    | 1975    | 2100    | 2017    | 3.58   | cps   |
| Silver     | 107-1 | 1992    | 2092    | 1967    | 2017    | 3.28   | cps   |
| Sodium     | 23-2  | 8408339 | 8307119 | 8322667 | 8346042 | 0.65   | cps   |
| Strontium  | 86-1  | 619169  | 621019  | 607613  | 615934  | 1.18   | cps   |
| Strontium  | 88-1  | 5494801 | 5502005 | 5397311 | 5464706 | 1.07   | cps   |
| Sulfur     | 34-1  | 1718818 | 1712013 | 1683638 | 1704823 | 1.09   | cps   |
| Terbium    | 159-1 | 8240046 | 8309568 | 8236605 | 8262073 | 0.50   | cps   |
| Terbium    | 159-2 | 3522962 | 3612735 | 3483547 | 3539748 | 1.87   | cps   |
| Thallium   | 203-1 | 292     | 158     | 175     | 208     | 34.87  | cps   |
| Thallium   | 205-1 | 600     | 517     | 525     | 547     | 8.39   | cps   |
| Tin        | 118-1 | 2284    | 2300    | 2259    | 2281    | 0.92   | cps   |
| Titanium   | 47-1  | 233     | 183     | 317     | 244     | 27.56  | cps   |
| Uranium    | 238-1 | 7027    | 6660    | 6660    | 6783    | 3.12   | cps   |
| Vanadium   | 51-2  | 610     | 487     | 497     | 531     | 12.90  | cps   |
| Yttrium    | 89-1  | 5609227 | 5653455 | 5621098 | 5627927 | 0.41   | cps   |
| Yttrium    | 89-2  | 740117  | 755613  | 732989  | 742906  | 1.56   | cps   |
| Zinc       | 66-2  | 1103    | 1177    | 1060    | 1113    | 5.30   | cps   |
| Zirconium  | 90-1  | 5393    | 5026    | 4726    | 5048    | 6.62   | cps   |

|                         |                     |                   |                     |
|-------------------------|---------------------|-------------------|---------------------|
| LB Number :             | LB88853             | Operator :        | Jaswal              |
| Lab Sample ID :         | I4251-07LX5         | Instrumnet Name : | P7                  |
| Client Sample ID :      | WP022MW102-170717L  | Dilution Factor : | 5                   |
| Date & Time Acquired :: | 2017-07-19 19:35:29 | DataFile Name :   | 109SMPL_P7071917 -M |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|-----------|------|------|------|------|---------|--------|-------|
| Zirconium | 91-1 | 1133 | 1083 | 1200 | 1139    | 5.14   | cps   |

LB Number : LB88853 Operator : Jaswal  
 Lab Sample ID : I4251-08 Instrumnet Name : P7  
 Client Sample ID : WP022MW102-170717M Dilution Factor : 1  
 Date & Time Acquired :: 2017-07-19 19:38:58 DataFile Name : 110SMPL\_P7071917 -M8

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|------------|-------|----------|----------|----------|----------|--------|-------|
| Aluminium  | 27-2  | 341902   | 345960   | 340315   | 342725   | 0.85   | cps   |
| Antimony   | 121-1 | 3014910  | 3022380  | 2995597  | 3010962  | 0.46   | cps   |
| Arsenic    | 75-2  | 83290    | 83253    | 82789    | 83111    | 0.34   | cps   |
| Barium     | 135-1 | 3886989  | 3885597  | 3834875  | 3869154  | 0.77   | cps   |
| Barium     | 137-1 | 6865110  | 6749283  | 6753899  | 6789430  | 0.97   | cps   |
| Beryllium  | 9-1   | 301265   | 293632   | 292483   | 295793   | 1.61   | cps   |
| Bismuth    | 209-1 | 4999421  | 4905005  | 4809943  | 4904790  | 1.93   | cps   |
| Bismuth    | 209-2 | 2556622  | 2557136  | 2529577  | 2547778  | 0.62   | cps   |
| Boron      | 10-1  | 52408    | 52894    | 51597    | 52299    | 1.25   | cps   |
| Boron      | 11-1  | 260217   | 263193   | 266236   | 263216   | 1.14   | cps   |
| Cadmium    | 111-1 | 651045   | 648912   | 645337   | 648431   | 0.44   | cps   |
| Cadmium    | 106-1 | 71413    | 69504    | 69462    | 70127    | 1.59   | cps   |
| Cadmium    | 108-1 | 46986    | 46919    | 46556    | 46820    | 0.49   | cps   |
| Calcium    | 43-1  | 6132083  | 6082285  | 6036762  | 6083710  | 0.78   | cps   |
| Calcium    | 44-1  | 98721190 | 97715121 | 97432438 | 97956249 | 0.69   | cps   |
| Chromium   | 52-2  | 656485   | 651736   | 647587   | 651936   | 0.68   | cps   |
| Cobalt     | 59-2  | 1097732  | 1102824  | 1089998  | 1096851  | 0.59   | cps   |
| Copper     | 63-2  | 1514433  | 1515860  | 1505988  | 1512094  | 0.35   | cps   |
| Dysprosium | 156-1 | 142      | 208      | 200      | 183      | 19.81  | cps   |
| Dysprosium | 156-2 | 100      | 57       | 80       | 79       | 27.49  | cps   |
| Erbium     | 164-1 | 3567     | 3442     | 3476     | 3495     | 1.85   | cps   |
| Erbium     | 164-2 | 1453     | 1583     | 1500     | 1512     | 4.36   | cps   |
| Gadolinium | 160-1 | 442      | 450      | 500      | 464      | 6.80   | cps   |
| Gadolinium | 160-2 | 213      | 213      | 210      | 212      | 0.91   | cps   |
| Holmium    | 165-1 | 7772549  | 7649804  | 7454890  | 7625748  | 2.10   | cps   |
| Holmium    | 165-2 | 3410875  | 3432462  | 3388814  | 3410717  | 0.64   | cps   |
| Indium     | 115-1 | 5257928  | 5227022  | 5132159  | 5205703  | 1.26   | cps   |
| Indium     | 115-2 | 929603   | 931511   | 927909   | 929675   | 0.19   | cps   |
| Iron       | 56-2  | 49657532 | 49995853 | 49522975 | 49725453 | 0.49   | cps   |
| Iron       | 57-2  | 1227677  | 1240702  | 1225610  | 1231330  | 0.66   | cps   |
| Lead       | 206-1 | 2631807  | 2650238  | 2629453  | 2637166  | 0.43   | cps   |
| Lead       | 207-1 | 2424195  | 2423377  | 2396646  | 2414739  | 0.65   | cps   |
| Lead       | 208-1 | 10917781 | 10884543 | 10836394 | 10879573 | 0.38   | cps   |
| Lithium    | 6-1   | 856391   | 852227   | 848544   | 852388   | 0.46   | cps   |
| Magnesium  | 24-2  | 8892527  | 8915126  | 8702131  | 8836595  | 1.32   | cps   |
| Manganese  | 55-2  | 1826370  | 1833061  | 1807782  | 1822405  | 0.72   | cps   |

|                         |                     |                   |                      |
|-------------------------|---------------------|-------------------|----------------------|
| LB Number :             | LB88853             | Operator :        | Jaswal               |
| Lab Sample ID :         | I4251-08            | Instrumnet Name : | P7                   |
| Client Sample ID :      | WP022MW102-170717M  | Dilution Factor : | 1                    |
| Date & Time Acquired :: | 2017-07-19 19:38:58 | DataFile Name :   | 110SMPL_P7071917 -M8 |

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|------------|-------|----------|----------|----------|----------|--------|-------|
| Molybdenum | 94-1  | 2538575  | 2525886  | 2516725  | 2527062  | 0.43   | cps   |
| Molybdenum | 95-1  | 1334134  | 1332629  | 1314927  | 1327230  | 0.80   | cps   |
| Molybdenum | 96-1  | 1720536  | 1710021  | 1701261  | 1710606  | 0.56   | cps   |
| Molybdenum | 97-1  | 826753   | 831265   | 824913   | 827644   | 0.39   | cps   |
| Molybdenum | 98-1  | 2168162  | 2158039  | 2139929  | 2155376  | 0.66   | cps   |
| Neodymium  | 150-1 | 380      | 407      | 453      | 413      | 8.98   | cps   |
| Neodymium  | 150-2 | 53       | 63       | 80       | 66       | 20.55  | cps   |
| Nickel     | 60-2  | 312541   | 314212   | 311102   | 312619   | 0.50   | cps   |
| Phosphorus | 31-2  | 208      | 317      | 250      | 258      | 21.15  | cps   |
| Potassium  | 39-2  | 2710002  | 2713828  | 2684193  | 2702674  | 0.60   | cps   |
| Rhodium    | 103-1 | 4361327  | 4323920  | 4250994  | 4312080  | 1.30   | cps   |
| Rhodium    | 103-2 | 1913204  | 1922230  | 1911367  | 1915600  | 0.30   | cps   |
| Scandium   | 45-1  | 2516232  | 2470875  | 2413170  | 2466759  | 2.09   | cps   |
| Scandium   | 45-2  | 105862   | 104045   | 104072   | 104660   | 0.99   | cps   |
| Selenium   | 77-2  | 1667     | 1660     | 1517     | 1615     | 5.25   | cps   |
| Selenium   | 78-2  | 5479     | 5418     | 5383     | 5426     | 0.90   | cps   |
| Selenium   | 82-1  | 39389    | 39225    | 39057    | 39224    | 0.42   | cps   |
| Silicon    | 28-1  | 31325966 | 31600858 | 31702772 | 31543199 | 0.62   | cps   |
| Silver     | 109-1 | 3028399  | 3028939  | 3000513  | 3019284  | 0.54   | cps   |
| Silver     | 107-1 | 3134912  | 3132064  | 3115678  | 3127551  | 0.33   | cps   |
| Sodium     | 23-2  | 41928321 | 41920572 | 41187347 | 41678746 | 1.02   | cps   |
| Strontium  | 86-1  | 2597093  | 2611307  | 2586086  | 2598162  | 0.49   | cps   |
| Strontium  | 88-1  | 22877517 | 22956482 | 23009969 | 22947989 | 0.29   | cps   |
| Sulfur     | 34-1  | 5596744  | 5571332  | 5547739  | 5571938  | 0.44   | cps   |
| Terbium    | 159-1 | 7787041  | 7785589  | 7699890  | 7757506  | 0.64   | cps   |
| Terbium    | 159-2 | 3338739  | 3357547  | 3324956  | 3340414  | 0.49   | cps   |
| Thallium   | 203-1 | 3323590  | 3319345  | 3309214  | 3317383  | 0.22   | cps   |
| Thallium   | 205-1 | 8119575  | 8129295  | 8106893  | 8118588  | 0.14   | cps   |
| Tin        | 118-1 | 2304623  | 2313936  | 2316054  | 2311538  | 0.26   | cps   |
| Titanium   | 47-1  | 300145   | 301622   | 297893   | 299887   | 0.63   | cps   |
| Uranium    | 238-1 | 11852857 | 11906093 | 11812069 | 11857006 | 0.40   | cps   |
| Vanadium   | 51-2  | 546030   | 542429   | 537120   | 541860   | 0.83   | cps   |
| Yttrium    | 89-1  | 5222777  | 5188219  | 5103200  | 5171399  | 1.19   | cps   |
| Yttrium    | 89-2  | 689336   | 687607   | 682644   | 686529   | 0.51   | cps   |
| Zinc       | 66-2  | 193652   | 193192   | 194327   | 193724   | 0.29   | cps   |
| Zirconium  | 90-1  | 4890851  | 4915745  | 4842480  | 4883025  | 0.76   | cps   |

|                         |                     |                   |                      |
|-------------------------|---------------------|-------------------|----------------------|
| LB Number :             | LB88853             | Operator :        | Jaswal               |
| Lab Sample ID :         | I4251-08            | Instrumnet Name : | P7                   |
| Client Sample ID :      | WP022MW102-170717M  | Dilution Factor : | 1                    |
| Date & Time Acquired :: | 2017-07-19 19:38:58 | DataFile Name :   | 110SMPL_P7071917 -M9 |

| Parameter | Mass | CPS1    | CPS2    | CPS3    | CPSMean | CPSRSD | Units |
|-----------|------|---------|---------|---------|---------|--------|-------|
| Zirconium | 91-1 | 1067572 | 1081429 | 1075194 | 1074732 | 0.65   | cps   |

LB Number : LB88853 Operator : Jaswal  
 Lab Sample ID : I4251-09 Instrumnet Name : P7  
 Client Sample ID : WP022MW102-170717M Dilution Factor : 1  
 Date & Time Acquired :: 2017-07-19 19:42:26 DataFile Name : 111SMPL\_P7071917 -M9

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|------------|-------|----------|----------|----------|----------|--------|-------|
| Aluminium  | 27-2  | 321570   | 321689   | 327597   | 323619   | 1.06   | cps   |
| Antimony   | 121-1 | 2946710  | 2916398  | 2932700  | 2931936  | 0.52   | cps   |
| Arsenic    | 75-2  | 80382    | 79724    | 79981    | 80029    | 0.41   | cps   |
| Barium     | 135-1 | 3781514  | 3765173  | 3743356  | 3763348  | 0.51   | cps   |
| Barium     | 137-1 | 6624066  | 6619957  | 6614900  | 6619641  | 0.07   | cps   |
| Beryllium  | 9-1   | 279879   | 276066   | 277572   | 277839   | 0.69   | cps   |
| Bismuth    | 209-1 | 4809632  | 4774180  | 4757088  | 4780300  | 0.56   | cps   |
| Bismuth    | 209-2 | 2492980  | 2479639  | 2500406  | 2491008  | 0.42   | cps   |
| Boron      | 10-1  | 52015    | 50661    | 51004    | 51227    | 1.37   | cps   |
| Boron      | 11-1  | 256329   | 259261   | 261208   | 258933   | 0.95   | cps   |
| Cadmium    | 111-1 | 629031   | 623775   | 632416   | 628407   | 0.69   | cps   |
| Cadmium    | 106-1 | 68567    | 67728    | 69521    | 68606    | 1.31   | cps   |
| Cadmium    | 108-1 | 45665    | 44478    | 44579    | 44907    | 1.47   | cps   |
| Calcium    | 43-1  | 5834150  | 5840938  | 5843265  | 5839451  | 0.08   | cps   |
| Calcium    | 44-1  | 94624865 | 94505654 | 94692610 | 94607710 | 0.10   | cps   |
| Chromium   | 52-2  | 626020   | 621573   | 629384   | 625659   | 0.63   | cps   |
| Cobalt     | 59-2  | 1052050  | 1049177  | 1060755  | 1053994  | 0.57   | cps   |
| Copper     | 63-2  | 1449565  | 1440752  | 1455685  | 1448667  | 0.52   | cps   |
| Dysprosium | 156-1 | 200      | 250      | 125      | 192      | 32.82  | cps   |
| Dysprosium | 156-2 | 70       | 80       | 90       | 80       | 12.50  | cps   |
| Erbium     | 164-1 | 3409     | 3517     | 3601     | 3509     | 2.74   | cps   |
| Erbium     | 164-2 | 1547     | 1633     | 1460     | 1547     | 5.60   | cps   |
| Gadolinium | 160-1 | 450      | 417      | 350      | 406      | 12.56  | cps   |
| Gadolinium | 160-2 | 247      | 233      | 243      | 241      | 2.88   | cps   |
| Holmium    | 165-1 | 7449527  | 7518159  | 7597860  | 7521848  | 0.99   | cps   |
| Holmium    | 165-2 | 3373904  | 3329252  | 3361173  | 3354776  | 0.69   | cps   |
| Indium     | 115-1 | 5067819  | 5049353  | 5065381  | 5060851  | 0.20   | cps   |
| Indium     | 115-2 | 900605   | 891616   | 906466   | 899562   | 0.83   | cps   |
| Iron       | 56-2  | 47989464 | 47472757 | 47853684 | 47771968 | 0.56   | cps   |
| Iron       | 57-2  | 1188395  | 1176364  | 1192151  | 1185637  | 0.70   | cps   |
| Lead       | 206-1 | 2578958  | 2570786  | 2583433  | 2577725  | 0.25   | cps   |
| Lead       | 207-1 | 2350969  | 2357054  | 2381142  | 2363055  | 0.68   | cps   |
| Lead       | 208-1 | 10660324 | 10649051 | 10730436 | 10679937 | 0.41   | cps   |
| Lithium    | 6-1   | 820804   | 821096   | 826550   | 822817   | 0.39   | cps   |
| Magnesium  | 24-2  | 8631927  | 8613665  | 8637946  | 8627846  | 0.15   | cps   |
| Manganese  | 55-2  | 1746865  | 1738798  | 1758355  | 1748006  | 0.56   | cps   |

LB Number : LB88853 Operator : Jaswal  
 Lab Sample ID : I4251-09 Instrumnet Name : P7  
 Client Sample ID : WP022MW102-170717M Dilution Factor : 1  
 Date & Time Acquired :: 2017-07-19 19:42:26 DataFile Name : 111SMPL\_P7071917 -M9

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|------------|-------|----------|----------|----------|----------|--------|-------|
| Molybdenum | 94-1  | 2445537  | 2425793  | 2430506  | 2433945  | 0.42   | cps   |
| Molybdenum | 95-1  | 1285403  | 1274845  | 1275303  | 1278517  | 0.47   | cps   |
| Molybdenum | 96-1  | 1668938  | 1649618  | 1655111  | 1657889  | 0.60   | cps   |
| Molybdenum | 97-1  | 795271   | 794989   | 797853   | 796038   | 0.20   | cps   |
| Molybdenum | 98-1  | 2086236  | 2067110  | 2064134  | 2072493  | 0.58   | cps   |
| Neodymium  | 150-1 | 453      | 273      | 380      | 369      | 24.54  | cps   |
| Neodymium  | 150-2 | 40       | 33       | 60       | 44       | 31.23  | cps   |
| Nickel     | 60-2  | 298415   | 300537   | 304601   | 301184   | 1.04   | cps   |
| Phosphorus | 31-2  | 250      | 217      | 208      | 225      | 9.80   | cps   |
| Potassium  | 39-2  | 2573107  | 2562838  | 2574006  | 2569984  | 0.24   | cps   |
| Rhodium    | 103-1 | 4205215  | 4187038  | 4216747  | 4203000  | 0.36   | cps   |
| Rhodium    | 103-2 | 1871848  | 1855646  | 1878007  | 1868500  | 0.62   | cps   |
| Scandium   | 45-1  | 2383104  | 2358845  | 2359997  | 2367315  | 0.58   | cps   |
| Scandium   | 45-2  | 100521   | 101203   | 102129   | 101284   | 0.80   | cps   |
| Selenium   | 77-2  | 1560     | 1453     | 1467     | 1493     | 3.89   | cps   |
| Selenium   | 78-2  | 5203     | 5234     | 5244     | 5227     | 0.41   | cps   |
| Selenium   | 82-1  | 37647    | 37947    | 37535    | 37710    | 0.57   | cps   |
| Silicon    | 28-1  | 30354850 | 30611026 | 31187770 | 30717882 | 1.39   | cps   |
| Silver     | 109-1 | 2950414  | 2931217  | 2948752  | 2943461  | 0.36   | cps   |
| Silver     | 107-1 | 3064424  | 3052342  | 3046707  | 3054491  | 0.30   | cps   |
| Sodium     | 23-2  | 40243175 | 39991785 | 40220420 | 40151793 | 0.35   | cps   |
| Strontium  | 86-1  | 2563137  | 2527282  | 2533246  | 2541222  | 0.76   | cps   |
| Strontium  | 88-1  | 22454903 | 22454016 | 22358994 | 22422638 | 0.25   | cps   |
| Sulfur     | 34-1  | 5395189  | 5334282  | 5315105  | 5348192  | 0.78   | cps   |
| Terbium    | 159-1 | 7561039  | 7591668  | 7597399  | 7583369  | 0.26   | cps   |
| Terbium    | 159-2 | 3291570  | 3263052  | 3296778  | 3283800  | 0.55   | cps   |
| Thallium   | 203-1 | 3247842  | 3258867  | 3262644  | 3256451  | 0.24   | cps   |
| Thallium   | 205-1 | 7894412  | 7961602  | 7959945  | 7938653  | 0.48   | cps   |
| Tin        | 118-1 | 2225652  | 2223255  | 2247552  | 2232153  | 0.60   | cps   |
| Titanium   | 47-1  | 285790   | 283303   | 284372   | 284488   | 0.44   | cps   |
| Uranium    | 238-1 | 11650615 | 11797181 | 11719884 | 11722560 | 0.63   | cps   |
| Vanadium   | 51-2  | 522112   | 516506   | 521508   | 520042   | 0.59   | cps   |
| Yttrium    | 89-1  | 5025471  | 5020475  | 4996110  | 5014019  | 0.31   | cps   |
| Yttrium    | 89-2  | 670772   | 661736   | 667589   | 666699   | 0.69   | cps   |
| Zinc       | 66-2  | 184670   | 184214   | 185763   | 184883   | 0.43   | cps   |
| Zirconium  | 90-1  | 4698818  | 4701777  | 4680285  | 4693627  | 0.25   | cps   |

|                         |                     |                   |                      |
|-------------------------|---------------------|-------------------|----------------------|
| LB Number :             | LB88853             | Operator :        | Jaswal               |
| Lab Sample ID :         | I4251-09            | Instrumnet Name : | P7                   |
| Client Sample ID :      | WP022MW102-170717M  | Dilution Factor : | 1                    |
| Date & Time Acquired :: | 2017-07-19 19:42:26 | DataFile Name :   | 111SMPL_P7071917 -M9 |

| Parameter | Mass | CPS1    | CPS2    | CPS3    | CPSMean | CPSRSD | Units |
|-----------|------|---------|---------|---------|---------|--------|-------|
| Zirconium | 91-1 | 1044200 | 1034541 | 1037273 | 1038671 | 0.48   | cps   |



LB Number : LB88853 Operator : Jaswal  
 Lab Sample ID : I4251-07A Instrumnet Name : P7  
 Client Sample ID : WP022MW102-170717A Dilution Factor : 1  
 Date & Time Acquired :: 2017-07-19 19:45:54 DataFile Name : 112SMPL\_P7071917 -M8

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|------------|-------|----------|----------|----------|----------|--------|-------|
| Aluminium  | 27-2  | 309576   | 313474   | 313563   | 312205   | 0.73   | cps   |
| Antimony   | 121-1 | 2881581  | 2835491  | 2829206  | 2848759  | 1.00   | cps   |
| Arsenic    | 75-2  | 77065    | 76760    | 77825    | 77217    | 0.71   | cps   |
| Barium     | 135-1 | 3694009  | 3625359  | 3613801  | 3644390  | 1.19   | cps   |
| Barium     | 137-1 | 6468068  | 6410807  | 6374459  | 6417778  | 0.74   | cps   |
| Beryllium  | 9-1   | 270331   | 265386   | 263347   | 266355   | 1.35   | cps   |
| Bismuth    | 209-1 | 4677287  | 4591990  | 4610525  | 4626601  | 0.97   | cps   |
| Bismuth    | 209-2 | 2425959  | 2427225  | 2418460  | 2423881  | 0.20   | cps   |
| Boron      | 10-1  | 48963    | 50133    | 49624    | 49574    | 1.18   | cps   |
| Boron      | 11-1  | 247416   | 251373   | 253922   | 250904   | 1.31   | cps   |
| Cadmium    | 111-1 | 613812   | 613275   | 613250   | 613446   | 0.05   | cps   |
| Cadmium    | 106-1 | 66951    | 67863    | 65226    | 66680    | 2.01   | cps   |
| Cadmium    | 108-1 | 43688    | 42372    | 43362    | 43141    | 1.59   | cps   |
| Calcium    | 43-1  | 5623618  | 5527979  | 5484422  | 5545340  | 1.28   | cps   |
| Calcium    | 44-1  | 90884208 | 89709704 | 88731133 | 89775015 | 1.20   | cps   |
| Chromium   | 52-2  | 595483   | 598487   | 604175   | 599382   | 0.74   | cps   |
| Cobalt     | 59-2  | 1008129  | 1014305  | 1017514  | 1013316  | 0.47   | cps   |
| Copper     | 63-2  | 1393074  | 1404087  | 1402744  | 1399968  | 0.43   | cps   |
| Dysprosium | 156-1 | 183      | 117      | 142      | 147      | 22.88  | cps   |
| Dysprosium | 156-2 | 67       | 67       | 73       | 69       | 5.59   | cps   |
| Erbium     | 164-1 | 3817     | 3626     | 3409     | 3617     | 5.65   | cps   |
| Erbium     | 164-2 | 1393     | 1507     | 1663     | 1521     | 8.91   | cps   |
| Gadolinium | 160-1 | 375      | 417      | 467      | 419      | 10.94  | cps   |
| Gadolinium | 160-2 | 190      | 247      | 190      | 209      | 15.66  | cps   |
| Holmium    | 165-1 | 7364096  | 7341161  | 7211238  | 7305498  | 1.13   | cps   |
| Holmium    | 165-2 | 3240805  | 3264137  | 3271521  | 3258821  | 0.49   | cps   |
| Indium     | 115-1 | 4917766  | 4870205  | 4857230  | 4881734  | 0.65   | cps   |
| Indium     | 115-2 | 866694   | 862713   | 874862   | 868089   | 0.71   | cps   |
| Iron       | 56-2  | 45706237 | 45575018 | 46273411 | 45851555 | 0.81   | cps   |
| Iron       | 57-2  | 1132033  | 1128255  | 1140843  | 1133710  | 0.57   | cps   |
| Lead       | 206-1 | 2523000  | 2525167  | 2511283  | 2519817  | 0.30   | cps   |
| Lead       | 207-1 | 2318785  | 2314366  | 2307977  | 2313709  | 0.23   | cps   |
| Lead       | 208-1 | 10488113 | 10419629 | 10407206 | 10438316 | 0.42   | cps   |
| Lithium    | 6-1   | 791017   | 784853   | 785606   | 787159   | 0.43   | cps   |
| Magnesium  | 24-2  | 8129906  | 8119486  | 8188507  | 8145966  | 0.46   | cps   |
| Manganese  | 55-2  | 1670666  | 1670405  | 1687814  | 1676295  | 0.60   | cps   |

LB Number : LB88853 Operator : Jaswal  
 Lab Sample ID : I4251-07A Instrumnet Name : P7  
 Client Sample ID : WP022MW102-170717A Dilution Factor : 1  
 Date & Time Acquired :: 2017-07-19 19:45:54 DataFile Name : 112SMPL\_P7071917 -M8

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|------------|-------|----------|----------|----------|----------|--------|-------|
| Molybdenum | 94-1  | 2384916  | 2363675  | 2341507  | 2363366  | 0.92   | cps   |
| Molybdenum | 95-1  | 1245798  | 1234632  | 1230249  | 1236893  | 0.65   | cps   |
| Molybdenum | 96-1  | 1632091  | 1591439  | 1580741  | 1601424  | 1.69   | cps   |
| Molybdenum | 97-1  | 782288   | 768477   | 768166   | 772977   | 1.04   | cps   |
| Molybdenum | 98-1  | 2032138  | 2009277  | 1999980  | 2013798  | 0.82   | cps   |
| Neodymium  | 150-1 | 440      | 407      | 367      | 404      | 9.08   | cps   |
| Neodymium  | 150-2 | 43       | 50       | 47       | 47       | 7.15   | cps   |
| Nickel     | 60-2  | 287002   | 289602   | 288637   | 288414   | 0.46   | cps   |
| Phosphorus | 31-2  | 192      | 208      | 250      | 217      | 13.87  | cps   |
| Potassium  | 39-2  | 2454513  | 2455735  | 2466723  | 2458990  | 0.27   | cps   |
| Rhodium    | 103-1 | 4089575  | 4016543  | 4030242  | 4045453  | 0.96   | cps   |
| Rhodium    | 103-2 | 1808229  | 1798871  | 1816780  | 1807960  | 0.50   | cps   |
| Scandium   | 45-1  | 2286173  | 2259065  | 2244975  | 2263404  | 0.93   | cps   |
| Scandium   | 45-2  | 97099    | 96851    | 97662    | 97204    | 0.43   | cps   |
| Selenium   | 77-2  | 1553     | 1667     | 1560     | 1593     | 3.99   | cps   |
| Selenium   | 78-2  | 5058     | 5110     | 5003     | 5057     | 1.06   | cps   |
| Selenium   | 82-1  | 36777    | 36007    | 36201    | 36328    | 1.10   | cps   |
| Silicon    | 28-1  | 29133016 | 29459565 | 29690697 | 29427759 | 0.95   | cps   |
| Silver     | 109-1 | 2865261  | 2852469  | 2843122  | 2853617  | 0.39   | cps   |
| Silver     | 107-1 | 2983137  | 2941788  | 2928710  | 2951211  | 0.96   | cps   |
| Sodium     | 23-2  | 38268815 | 38221508 | 38345039 | 38278454 | 0.16   | cps   |
| Strontium  | 86-1  | 2442706  | 2425299  | 2411152  | 2426386  | 0.65   | cps   |
| Strontium  | 88-1  | 21846082 | 21681355 | 21410630 | 21646023 | 1.02   | cps   |
| Sulfur     | 34-1  | 5174784  | 5069557  | 5024768  | 5089703  | 1.51   | cps   |
| Terbium    | 159-1 | 7375829  | 7321013  | 7357139  | 7351327  | 0.38   | cps   |
| Terbium    | 159-2 | 3171420  | 3173259  | 3199125  | 3181268  | 0.49   | cps   |
| Thallium   | 203-1 | 3210380  | 3168825  | 3158244  | 3179150  | 0.87   | cps   |
| Thallium   | 205-1 | 7728730  | 7734592  | 7680964  | 7714762  | 0.38   | cps   |
| Tin        | 118-1 | 2190149  | 2160776  | 2162620  | 2171182  | 0.76   | cps   |
| Titanium   | 47-1  | 276518   | 271894   | 270816   | 273076   | 1.11   | cps   |
| Uranium    | 238-1 | 11581936 | 11440241 | 11490758 | 11504312 | 0.62   | cps   |
| Vanadium   | 51-2  | 495598   | 496967   | 503327   | 498631   | 0.83   | cps   |
| Yttrium    | 89-1  | 4841876  | 4805915  | 4794983  | 4814258  | 0.51   | cps   |
| Yttrium    | 89-2  | 642422   | 636804   | 640913   | 640046   | 0.45   | cps   |
| Zinc       | 66-2  | 176990   | 179545   | 180948   | 179161   | 1.12   | cps   |
| Zirconium  | 90-1  | 4590352  | 4517700  | 4492584  | 4533546  | 1.12   | cps   |

|                         |                     |                   |                      |
|-------------------------|---------------------|-------------------|----------------------|
| LB Number :             | LB88853             | Operator :        | Jaswal               |
| Lab Sample ID :         | I4251-07A           | Instrumnet Name : | P7                   |
| Client Sample ID :      | WP022MW102-170717A  | Dilution Factor : | 1                    |
| Date & Time Acquired :: | 2017-07-19 19:45:54 | DataFile Name :   | 112SMPL_P7071917 -M9 |

| Parameter | Mass | CPS1    | CPS2    | CPS3   | CPSMean | CPSRSD | Units |
|-----------|------|---------|---------|--------|---------|--------|-------|
| Zirconium | 91-1 | 1011816 | 1002061 | 988620 | 1000833 | 1.16   | cps   |

LB Number : LB88853 Operator : Jaswal  
 Lab Sample ID : I4251-10 Instrumnet Name : P7  
 Client Sample ID : WP022RW359-170717 Dilution Factor : 1  
 Date & Time Acquired :: 2017-07-19 19:49:22 DataFile Name : 113SMPL\_P7071917 -M8

| Parameter  | Mass  | CPS1      | CPS2      | CPS3      | CPSMean   | CPSRSD | Units |
|------------|-------|-----------|-----------|-----------|-----------|--------|-------|
| Aluminium  | 27-2  | 3284      | 2617      | 2784      | 2895      | 11.99  | cps   |
| Antimony   | 121-1 | 10905     | 12298     | 13449     | 12217     | 10.43  | cps   |
| Arsenic    | 75-2  | 1808      | 1833      | 1858      | 1833      | 1.36   | cps   |
| Barium     | 135-1 | 48419     | 49079     | 49062     | 48854     | 0.77   | cps   |
| Barium     | 137-1 | 84206     | 84457     | 83701     | 84121     | 0.46   | cps   |
| Beryllium  | 9-1   | 556       | 472       | 389       | 472       | 17.65  | cps   |
| Bismuth    | 209-1 | 4319409   | 4242273   | 4281489   | 4281057   | 0.90   | cps   |
| Bismuth    | 209-2 | 2167940   | 2189752   | 2175554   | 2177749   | 0.51   | cps   |
| Boron      | 10-1  | 24571     | 25890     | 25422     | 25294     | 2.64   | cps   |
| Boron      | 11-1  | 127853    | 128164    | 128458    | 128158    | 0.24   | cps   |
| Cadmium    | 111-1 | 8888      | 8929      | 8442      | 8753      | 3.08   | cps   |
| Cadmium    | 106-1 | 2517      | 2650      | 2484      | 2550      | 3.46   | cps   |
| Cadmium    | 108-1 | 621       | 696       | 700       | 672       | 6.63   | cps   |
| Calcium    | 43-1  | 6870904   | 6980341   | 6885830   | 6912358   | 0.86   | cps   |
| Calcium    | 44-1  | 111366327 | 112148128 | 111873932 | 111796129 | 0.35   | cps   |
| Chromium   | 52-2  | 7735      | 8132      | 7789      | 7886      | 2.73   | cps   |
| Cobalt     | 59-2  | 478344    | 475809    | 477120    | 477091    | 0.27   | cps   |
| Copper     | 63-2  | 452127    | 448906    | 449096    | 450043    | 0.40   | cps   |
| Dysprosium | 156-1 | 2425      | 2550      | 2275      | 2417      | 5.70   | cps   |
| Dysprosium | 156-2 | 1100      | 1067      | 1123      | 1097      | 2.60   | cps   |
| Erbium     | 164-1 | 12765     | 13149     | 12748     | 12887     | 1.76   | cps   |
| Erbium     | 164-2 | 5318      | 5641      | 5835      | 5598      | 4.67   | cps   |
| Gadolinium | 160-1 | 3292      | 3326      | 3459      | 3359      | 2.63   | cps   |
| Gadolinium | 160-2 | 1600      | 1707      | 1670      | 1659      | 3.27   | cps   |
| Holmium    | 165-1 | 6969389   | 6893331   | 6994400   | 6952373   | 0.76   | cps   |
| Holmium    | 165-2 | 2973000   | 3010129   | 2996006   | 2993045   | 0.63   | cps   |
| Indium     | 115-1 | 4629387   | 4562746   | 4610722   | 4600952   | 0.75   | cps   |
| Indium     | 115-2 | 803262    | 815155    | 811409    | 809942    | 0.75   | cps   |
| Iron       | 56-2  | 27937663  | 27952292  | 27957194  | 27949049  | 0.04   | cps   |
| Iron       | 57-2  | 695933    | 691020    | 695581    | 694178    | 0.39   | cps   |
| Lead       | 206-1 | 175559    | 180985    | 179606    | 178716    | 1.58   | cps   |
| Lead       | 207-1 | 146531    | 149217    | 146262    | 147337    | 1.11   | cps   |
| Lead       | 208-1 | 689572    | 698564    | 692245    | 693460    | 0.67   | cps   |
| Lithium    | 6-1   | 730774    | 725245    | 736397    | 730805    | 0.76   | cps   |
| Magnesium  | 24-2  | 10127763  | 10088374  | 10007190  | 10074442  | 0.61   | cps   |
| Manganese  | 55-2  | 3035140   | 3024212   | 3028046   | 3029133   | 0.18   | cps   |

|                         |                     |                   |                      |
|-------------------------|---------------------|-------------------|----------------------|
| LB Number :             | LB88853             | Operator :        | Jaswal               |
| Lab Sample ID :         | I4251-10            | Instrumnet Name : | P7                   |
| Client Sample ID :      | WP022RW359-170717   | Dilution Factor : | 1                    |
| Date & Time Acquired :: | 2017-07-19 19:49:22 | DataFile Name :   | 113SMPL_P7071917 -M8 |

| Parameter  | Mass  | CPS1      | CPS2      | CPS3      | CPSMean   | CPSRSD | Units |
|------------|-------|-----------|-----------|-----------|-----------|--------|-------|
| Molybdenum | 94-1  | 34434     | 34601     | 33106     | 34047     | 2.41   | cps   |
| Molybdenum | 95-1  | 1950      | 2167      | 2142      | 2086      | 5.68   | cps   |
| Molybdenum | 96-1  | 9037      | 8403      | 7677      | 8372      | 8.12   | cps   |
| Molybdenum | 97-1  | 1258      | 1267      | 1042      | 1189      | 10.73  | cps   |
| Molybdenum | 98-1  | 3401      | 3175      | 2942      | 3173      | 7.23   | cps   |
| Neodymium  | 150-1 | 1447      | 1380      | 1360      | 1396      | 3.25   | cps   |
| Neodymium  | 150-2 | 457       | 460       | 407       | 441       | 6.77   | cps   |
| Nickel     | 60-2  | 365931    | 365515    | 366120    | 365855    | 0.08   | cps   |
| Phosphorus | 31-2  | 167       | 300       | 225       | 231       | 28.99  | cps   |
| Potassium  | 39-2  | 309714    | 307213    | 310479    | 309135    | 0.55   | cps   |
| Rhodium    | 103-1 | 3791310   | 3719870   | 3782988   | 3764723   | 1.04   | cps   |
| Rhodium    | 103-2 | 1632216   | 1651657   | 1645531   | 1643135   | 0.60   | cps   |
| Scandium   | 45-1  | 2223001   | 2189600   | 2225824   | 2212808   | 0.91   | cps   |
| Scandium   | 45-2  | 91554     | 93945     | 93717     | 93072     | 1.42   | cps   |
| Selenium   | 77-2  | 17        | 20        | 7         | 14        | 48.02  | cps   |
| Selenium   | 78-2  | 44        | 63        | 59        | 56        | 17.64  | cps   |
| Selenium   | 82-1  | 266       | 294       | 273       | 278       | 5.20   | cps   |
| Silicon    | 28-1  | 18810443  | 18884689  | 18751004  | 18815379  | 0.36   | cps   |
| Silver     | 109-1 | 1350      | 1258      | 1258      | 1289      | 4.11   | cps   |
| Silver     | 107-1 | 1258      | 1542      | 1567      | 1456      | 11.77  | cps   |
| Sodium     | 23-2  | 191798496 | 191747517 | 190587767 | 191377927 | 0.36   | cps   |
| Strontium  | 86-1  | 2350448   | 2363025   | 2331906   | 2348460   | 0.67   | cps   |
| Strontium  | 88-1  | 20848049  | 21031855  | 20964354  | 20948086  | 0.44   | cps   |
| Sulfur     | 34-1  | 18550842  | 18801797  | 18624968  | 18659202  | 0.69   | cps   |
| Terbium    | 159-1 | 7089021   | 7053246   | 7096718   | 7079662   | 0.33   | cps   |
| Terbium    | 159-2 | 2901832   | 2930730   | 2922054   | 2918205   | 0.51   | cps   |
| Thallium   | 203-1 | 1383      | 1483      | 1483      | 1450      | 3.98   | cps   |
| Thallium   | 205-1 | 3301      | 3567      | 3476      | 3448      | 3.93   | cps   |
| Tin        | 118-1 | 13674     | 13916     | 12606     | 13399     | 5.20   | cps   |
| Titanium   | 47-1  | 1567      | 1308      | 1183      | 1353      | 14.45  | cps   |
| Uranium    | 238-1 | 189442    | 193597    | 188757    | 190598    | 1.37   | cps   |
| Vanadium   | 51-2  | 6638      | 6582      | 6428      | 6549      | 1.66   | cps   |
| Yttrium    | 89-1  | 4871948   | 4808720   | 4869433   | 4850034   | 0.74   | cps   |
| Yttrium    | 89-2  | 633928    | 640399    | 634448    | 636258    | 0.57   | cps   |
| Zinc       | 66-2  | 21192     | 21353     | 21199     | 21248     | 0.43   | cps   |
| Zirconium  | 90-1  | 90963     | 90804     | 87567     | 89778     | 2.13   | cps   |

|                         |                     |                   |                      |
|-------------------------|---------------------|-------------------|----------------------|
| LB Number :             | LB88853             | Operator :        | Jaswal               |
| Lab Sample ID :         | I4251-10            | Instrumnet Name : | P7                   |
| Client Sample ID :      | WP022RW359-170717   | Dilution Factor : | 1                    |
| Date & Time Acquired :: | 2017-07-19 19:49:22 | DataFile Name :   | 113SMPL_P7071917 -M9 |

| Parameter | Mass | CPS1  | CPS2  | CPS3  | CPSMean | CPSRSD | Units |
|-----------|------|-------|-------|-------|---------|--------|-------|
| Zirconium | 91-1 | 20691 | 20565 | 19239 | 20165   | 3.99   | cps   |

|                         |                     |                   |                      |
|-------------------------|---------------------|-------------------|----------------------|
| LB Number :             | LB88853             | Operator :        | Jaswal               |
| Lab Sample ID :         | I4251-11            | Instrumnet Name : | P7                   |
| Client Sample ID :      | WP022RW358-170717   | Dilution Factor : | 1                    |
| Date & Time Acquired :: | 2017-07-19 19:52:52 | DataFile Name :   | 114SMPL_P7071917 -M8 |

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|------------|-------|----------|----------|----------|----------|--------|-------|
| Aluminium  | 27-2  | 217      | 158      | 292      | 222      | 30.08  | cps   |
| Antimony   | 121-1 | 12915    | 12823    | 12406    | 12715    | 2.13   | cps   |
| Arsenic    | 75-2  | 1811     | 1750     | 1778     | 1780     | 1.72   | cps   |
| Barium     | 135-1 | 124651   | 120645   | 122192   | 122496   | 1.65   | cps   |
| Barium     | 137-1 | 215066   | 211851   | 208804   | 211907   | 1.48   | cps   |
| Beryllium  | 9-1   | 306      | 328      | 306      | 313      | 4.10   | cps   |
| Bismuth    | 209-1 | 4613859  | 4630147  | 4635152  | 4626386  | 0.24   | cps   |
| Bismuth    | 209-2 | 2407529  | 2410319  | 2362279  | 2393376  | 1.13   | cps   |
| Boron      | 10-1  | 19071    | 18837    | 19497    | 19135    | 1.75   | cps   |
| Boron      | 11-1  | 96281    | 95333    | 97975    | 96530    | 1.39   | cps   |
| Cadmium    | 111-1 | 2730     | 1230     | 1027     | 1662     | 55.97  | cps   |
| Cadmium    | 106-1 | 1650     | 1525     | 1325     | 1500     | 10.93  | cps   |
| Cadmium    | 108-1 | 8        | 13       | 13       | 11       | 21.67  | cps   |
| Calcium    | 43-1  | 1670152  | 1645009  | 1642961  | 1652707  | 0.92   | cps   |
| Calcium    | 44-1  | 26941605 | 26962987 | 26833963 | 26912852 | 0.26   | cps   |
| Chromium   | 52-2  | 1020     | 1050     | 1150     | 1073     | 6.34   | cps   |
| Cobalt     | 59-2  | 10918    | 10541    | 10871    | 10776    | 1.91   | cps   |
| Copper     | 63-2  | 12519    | 12229    | 12486    | 12411    | 1.28   | cps   |
| Dysprosium | 156-1 | 67       | 50       | 50       | 56       | 17.32  | cps   |
| Dysprosium | 156-2 | 10       | 17       | 10       | 12       | 31.50  | cps   |
| Erbium     | 164-1 | 67       | 50       | 67       | 61       | 15.75  | cps   |
| Erbium     | 164-2 | 30       | 20       | 33       | 28       | 24.98  | cps   |
| Gadolinium | 160-1 | 42       | 58       | 58       | 53       | 18.23  | cps   |
| Gadolinium | 160-2 | 80       | 43       | 70       | 64       | 29.41  | cps   |
| Holmium    | 165-1 | 6989466  | 7055757  | 7047281  | 7030835  | 0.51   | cps   |
| Holmium    | 165-2 | 3117438  | 3094080  | 3049115  | 3086878  | 1.12   | cps   |
| Indium     | 115-1 | 4808382  | 4746348  | 4749917  | 4768215  | 0.73   | cps   |
| Indium     | 115-2 | 844046   | 841730   | 830538   | 838772   | 0.86   | cps   |
| Iron       | 56-2  | 5814791  | 5776659  | 5701078  | 5764176  | 1.00   | cps   |
| Iron       | 57-2  | 143292   | 143331   | 142844   | 143156   | 0.19   | cps   |
| Lead       | 206-1 | 2668     | 2673     | 2545     | 2628     | 2.75   | cps   |
| Lead       | 207-1 | 2284     | 2245     | 2261     | 2263     | 0.86   | cps   |
| Lead       | 208-1 | 10297    | 10180    | 10157    | 10211    | 0.73   | cps   |
| Lithium    | 6-1   | 771885   | 766036   | 765263   | 767728   | 0.47   | cps   |
| Magnesium  | 24-2  | 1620286  | 1609986  | 1585612  | 1605295  | 1.11   | cps   |
| Manganese  | 55-2  | 803009   | 797763   | 783681   | 794818   | 1.26   | cps   |

|                         |                     |                   |                     |
|-------------------------|---------------------|-------------------|---------------------|
| LB Number :             | LB88853             | Operator :        | Jaswal              |
| Lab Sample ID :         | I4251-11            | Instrumnet Name : | P7                  |
| Client Sample ID :      | WP022RW358-170717   | Dilution Factor : | 1                   |
| Date & Time Acquired :: | 2017-07-19 19:52:52 | DataFile Name :   | 114SMPL_P7071917 -M |

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|------------|-------|----------|----------|----------|----------|--------|-------|
| Molybdenum | 94-1  | 2309     | 2042     | 2367     | 2239     | 7.74   | cps   |
| Molybdenum | 95-1  | 2609     | 2609     | 2625     | 2614     | 0.37   | cps   |
| Molybdenum | 96-1  | 3000     | 3092     | 3326     | 3139     | 5.34   | cps   |
| Molybdenum | 97-1  | 1692     | 1417     | 1784     | 1631     | 11.70  | cps   |
| Molybdenum | 98-1  | 4067     | 4276     | 4368     | 4237     | 3.63   | cps   |
| Neodymium  | 150-1 | 67       | 40       | 87       | 64       | 36.33  | cps   |
| Neodymium  | 150-2 | 13       | 30       | 10       | 18       | 60.28  | cps   |
| Nickel     | 60-2  | 10787    | 10627    | 10444    | 10620    | 1.62   | cps   |
| Phosphorus | 31-2  | 367      | 308      | 200      | 292      | 29.00  | cps   |
| Potassium  | 39-2  | 292615   | 292945   | 287052   | 290870   | 1.14   | cps   |
| Rhodium    | 103-1 | 3970070  | 3963638  | 3958412  | 3964040  | 0.15   | cps   |
| Rhodium    | 103-2 | 1761181  | 1757679  | 1729024  | 1749295  | 1.01   | cps   |
| Scandium   | 45-1  | 2127847  | 2119822  | 2104722  | 2117464  | 0.55   | cps   |
| Scandium   | 45-2  | 88543    | 89965    | 87858    | 88789    | 1.21   | cps   |
| Selenium   | 77-2  | 3        | 0        | 0        | 1        | 173.21 | cps   |
| Selenium   | 78-2  | 41       | 48       | 35       | 41       | 15.72  | cps   |
| Selenium   | 82-1  | 98       | 63       | 86       | 82       | 21.99  | cps   |
| Silicon    | 28-1  | 16930527 | 16715355 | 16655219 | 16767034 | 0.86   | cps   |
| Silver     | 109-1 | 1700     | 1467     | 1300     | 1489     | 13.50  | cps   |
| Silver     | 107-1 | 1617     | 1650     | 1550     | 1606     | 3.17   | cps   |
| Sodium     | 23-2  | 10398378 | 10325796 | 10230945 | 10318373 | 0.81   | cps   |
| Strontium  | 86-1  | 974873   | 964932   | 966082   | 968629   | 0.56   | cps   |
| Strontium  | 88-1  | 8643213  | 8648635  | 8619522  | 8637123  | 0.18   | cps   |
| Sulfur     | 34-1  | 813711   | 811285   | 801668   | 808888   | 0.79   | cps   |
| Terbium    | 159-1 | 7075362  | 7185532  | 7172541  | 7144478  | 0.84   | cps   |
| Terbium    | 159-2 | 3031527  | 3020384  | 2981497  | 3011136  | 0.87   | cps   |
| Thallium   | 203-1 | 500      | 675      | 683      | 619      | 16.71  | cps   |
| Thallium   | 205-1 | 1433     | 1425     | 1308     | 1389     | 5.03   | cps   |
| Tin        | 118-1 | 9038     | 8611     | 9162     | 8937     | 3.23   | cps   |
| Titanium   | 47-1  | 742      | 375      | 533      | 550      | 33.46  | cps   |
| Uranium    | 238-1 | 64553    | 65197    | 65515    | 65088    | 0.75   | cps   |
| Vanadium   | 51-2  | 540      | 580      | 620      | 580      | 6.90   | cps   |
| Yttrium    | 89-1  | 4564410  | 4551902  | 4539227  | 4551846  | 0.28   | cps   |
| Yttrium    | 89-2  | 598009   | 596684   | 591258   | 595317   | 0.60   | cps   |
| Zinc       | 66-2  | 4924     | 5088     | 4701     | 4904     | 3.96   | cps   |
| Zirconium  | 90-1  | 2267     | 2100     | 2000     | 2122     | 6.35   | cps   |



|                         |                     |                   |                      |
|-------------------------|---------------------|-------------------|----------------------|
| LB Number :             | LB88853             | Operator :        | Jaswal               |
| Lab Sample ID :         | I4251-11            | Instrumnet Name : | P7                   |
| Client Sample ID :      | WP022RW358-170717   | Dilution Factor : | 1                    |
| Date & Time Acquired :: | 2017-07-19 19:52:52 | DataFile Name :   | 114SMPL_P7071917 -M9 |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|-----------|------|------|------|------|---------|--------|-------|
| Zirconium | 91-1 | 575  | 425  | 492  | 497     | 15.11  | cps   |

|                         |                     |                   |                      |
|-------------------------|---------------------|-------------------|----------------------|
| LB Number :             | LB88853             | Operator :        | Jaswal               |
| Lab Sample ID :         | I4251-12            | Instrumnet Name : | P7                   |
| Client Sample ID :      | DUP-0426-170717     | Dilution Factor : | 1                    |
| Date & Time Acquired :: | 2017-07-19 19:56:22 | DataFile Name :   | 115SMPL_P7071917 -M8 |

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|------------|-------|----------|----------|----------|----------|--------|-------|
| Aluminium  | 27-2  | 767      | 1167     | 683      | 872      | 29.63  | cps   |
| Antimony   | 121-1 | 9337     | 9562     | 9996     | 9632     | 3.48   | cps   |
| Arsenic    | 75-2  | 94       | 130      | 76       | 100      | 27.28  | cps   |
| Barium     | 135-1 | 67472    | 67197    | 68678    | 67782    | 1.16   | cps   |
| Barium     | 137-1 | 118813   | 119191   | 118739   | 118914   | 0.20   | cps   |
| Beryllium  | 9-1   | 183      | 289      | 172      | 215      | 29.97  | cps   |
| Bismuth    | 209-1 | 4524819  | 4534942  | 4543479  | 4534413  | 0.21   | cps   |
| Bismuth    | 209-2 | 2394207  | 2378164  | 2376557  | 2382976  | 0.41   | cps   |
| Boron      | 10-1  | 22267    | 22509    | 23052    | 22609    | 1.78   | cps   |
| Boron      | 11-1  | 109032   | 113137   | 115295   | 112488   | 2.83   | cps   |
| Cadmium    | 111-1 | 1110     | 1040     | 977      | 1042     | 6.36   | cps   |
| Cadmium    | 106-1 | 1500     | 1417     | 1275     | 1397     | 8.14   | cps   |
| Cadmium    | 108-1 | 4        | 8        | 4        | 6        | 43.22  | cps   |
| Calcium    | 43-1  | 1188754  | 1193084  | 1186020  | 1189286  | 0.30   | cps   |
| Calcium    | 44-1  | 19278088 | 19340608 | 19237026 | 19285241 | 0.27   | cps   |
| Chromium   | 52-2  | 2264     | 2177     | 2284     | 2241     | 2.53   | cps   |
| Cobalt     | 59-2  | 323      | 340      | 377      | 347      | 7.87   | cps   |
| Copper     | 63-2  | 8736     | 8933     | 8963     | 8877     | 1.39   | cps   |
| Dysprosium | 156-1 | 58       | 25       | 92       | 58       | 57.14  | cps   |
| Dysprosium | 156-2 | 27       | 27       | 27       | 27       | 0.00   | cps   |
| Erbium     | 164-1 | 33       | 33       | 83       | 50       | 57.75  | cps   |
| Erbium     | 164-2 | 50       | 10       | 23       | 28       | 73.33  | cps   |
| Gadolinium | 160-1 | 117      | 92       | 75       | 94       | 22.21  | cps   |
| Gadolinium | 160-2 | 57       | 63       | 73       | 64       | 13.02  | cps   |
| Holmium    | 165-1 | 6801548  | 6853668  | 6905399  | 6853538  | 0.76   | cps   |
| Holmium    | 165-2 | 3059546  | 3042386  | 3035053  | 3045662  | 0.41   | cps   |
| Indium     | 115-1 | 4568974  | 4584234  | 4570989  | 4574732  | 0.18   | cps   |
| Indium     | 115-2 | 820937   | 816982   | 813126   | 817015   | 0.48   | cps   |
| Iron       | 56-2  | 39420    | 38692    | 38085    | 38732    | 1.73   | cps   |
| Iron       | 57-2  | 3439     | 3150     | 3662     | 3417     | 7.50   | cps   |
| Lead       | 206-1 | 1472     | 1361     | 1261     | 1365     | 7.74   | cps   |
| Lead       | 207-1 | 1100     | 1183     | 1267     | 1183     | 7.04   | cps   |
| Lead       | 208-1 | 5512     | 5312     | 5517     | 5447     | 2.15   | cps   |
| Lithium    | 6-1   | 724342   | 730964   | 733130   | 729479   | 0.63   | cps   |
| Magnesium  | 24-2  | 1684861  | 1669900  | 1664176  | 1672979  | 0.64   | cps   |
| Manganese  | 55-2  | 1763     | 1807     | 1890     | 1820     | 3.54   | cps   |

|                         |                     |                   |                      |
|-------------------------|---------------------|-------------------|----------------------|
| LB Number :             | LB88853             | Operator :        | Jaswal               |
| Lab Sample ID :         | I4251-12            | Instrumnet Name : | P7                   |
| Client Sample ID :      | DUP-0426-170717     | Dilution Factor : | 1                    |
| Date & Time Acquired :: | 2017-07-19 19:56:22 | DataFile Name :   | 115SMPL_P7071917 -M8 |

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|------------|-------|----------|----------|----------|----------|--------|-------|
| Molybdenum | 94-1  | 2917     | 2892     | 2984     | 2931     | 1.62   | cps   |
| Molybdenum | 95-1  | 3634     | 3326     | 3301     | 3420     | 5.43   | cps   |
| Molybdenum | 96-1  | 4026     | 3592     | 3942     | 3853     | 5.97   | cps   |
| Molybdenum | 97-1  | 2092     | 1984     | 2100     | 2059     | 3.16   | cps   |
| Molybdenum | 98-1  | 5393     | 5576     | 5826     | 5599     | 3.89   | cps   |
| Neodymium  | 150-1 | 120      | 87       | 87       | 98       | 19.69  | cps   |
| Neodymium  | 150-2 | 30       | 30       | 53       | 38       | 35.66  | cps   |
| Nickel     | 60-2  | 3897     | 3904     | 3717     | 3839     | 2.76   | cps   |
| Phosphorus | 31-2  | 75       | 67       | 125      | 89       | 35.50  | cps   |
| Potassium  | 39-2  | 145903   | 143925   | 144422   | 144750   | 0.71   | cps   |
| Rhodium    | 103-1 | 3776044  | 3787079  | 3771071  | 3778065  | 0.22   | cps   |
| Rhodium    | 103-2 | 1725477  | 1705126  | 1707319  | 1712641  | 0.65   | cps   |
| Scandium   | 45-1  | 1985441  | 1998891  | 1989832  | 1991388  | 0.34   | cps   |
| Scandium   | 45-2  | 85743    | 85424    | 85106    | 85424    | 0.37   | cps   |
| Selenium   | 77-2  | 17       | 27       | 20       | 21       | 24.12  | cps   |
| Selenium   | 78-2  | 48       | 69       | 50       | 56       | 20.28  | cps   |
| Selenium   | 82-1  | 177      | 221      | 204      | 201      | 11.14  | cps   |
| Silicon    | 28-1  | 20735289 | 20755079 | 20739615 | 20743328 | 0.05   | cps   |
| Silver     | 109-1 | 1483     | 1442     | 1367     | 1431     | 4.13   | cps   |
| Silver     | 107-1 | 1267     | 1350     | 1417     | 1345     | 5.59   | cps   |
| Sodium     | 23-2  | 9891708  | 9916136  | 9875094  | 9894313  | 0.21   | cps   |
| Strontium  | 86-1  | 1128276  | 1125866  | 1126494  | 1126879  | 0.11   | cps   |
| Strontium  | 88-1  | 10022393 | 10204026 | 10057779 | 10094733 | 0.95   | cps   |
| Sulfur     | 34-1  | 475949   | 465517   | 464349   | 468605   | 1.36   | cps   |
| Terbium    | 159-1 | 6931536  | 6953842  | 6921834  | 6935737  | 0.24   | cps   |
| Terbium    | 159-2 | 3003654  | 2961390  | 2961967  | 2975670  | 0.81   | cps   |
| Thallium   | 203-1 | 100      | 108      | 158      | 122      | 25.81  | cps   |
| Thallium   | 205-1 | 475      | 367      | 383      | 408      | 14.29  | cps   |
| Tin        | 118-1 | 7361     | 7594     | 7494     | 7483     | 1.57   | cps   |
| Titanium   | 47-1  | 1435     | 825      | 867      | 1042     | 32.68  | cps   |
| Uranium    | 238-1 | 71279    | 72452    | 72201    | 71977    | 0.86   | cps   |
| Vanadium   | 51-2  | 2494     | 2477     | 2477     | 2482     | 0.39   | cps   |
| Yttrium    | 89-1  | 4314730  | 4349206  | 4338112  | 4334016  | 0.41   | cps   |
| Yttrium    | 89-2  | 583947   | 573562   | 577125   | 578211   | 0.91   | cps   |
| Zinc       | 66-2  | 1967     | 2007     | 2054     | 2009     | 2.16   | cps   |
| Zirconium  | 90-1  | 2342     | 2576     | 2200     | 2373     | 7.99   | cps   |

|                         |                     |                   |                      |
|-------------------------|---------------------|-------------------|----------------------|
| LB Number :             | LB88853             | Operator :        | Jaswal               |
| Lab Sample ID :         | I4251-12            | Instrumnet Name : | P7                   |
| Client Sample ID :      | DUP-0426-170717     | Dilution Factor : | 1                    |
| Date & Time Acquired :: | 2017-07-19 19:56:22 | DataFile Name :   | 115SMPL_P7071917 -M8 |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|-----------|------|------|------|------|---------|--------|-------|
| Zirconium | 91-1 | 525  | 350  | 342  | 406     | 25.53  | cps   |

LB Number : LB88853 Operator : Jaswal  
 Lab Sample ID : I4251-14 Instrumnet Name : P7  
 Client Sample ID : WP022MW357-170717 Dilution Factor : 1  
 Date & Time Acquired :: 2017-07-19 19:59:52 DataFile Name : 116SMPL\_P7071917 -M8

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|------------|-------|----------|----------|----------|----------|--------|-------|
| Aluminium  | 27-2  | 19523    | 18921    | 19413    | 19286    | 1.66   | cps   |
| Antimony   | 121-1 | 11363    | 12106    | 12473    | 11981    | 4.72   | cps   |
| Arsenic    | 75-2  | 313      | 298      | 309      | 307      | 2.51   | cps   |
| Barium     | 135-1 | 57695    | 60600    | 60461    | 59585    | 2.75   | cps   |
| Barium     | 137-1 | 100252   | 100655   | 110339   | 103749   | 5.50   | cps   |
| Beryllium  | 9-1   | 322      | 217      | 400      | 313      | 29.42  | cps   |
| Bismuth    | 209-1 | 3807683  | 3842980  | 3866525  | 3839062  | 0.77   | cps   |
| Bismuth    | 209-2 | 2038183  | 1978714  | 2000756  | 2005884  | 1.50   | cps   |
| Boron      | 10-1  | 23786    | 23928    | 25247    | 24320    | 3.31   | cps   |
| Boron      | 11-1  | 119201   | 125080   | 129637   | 124639   | 4.20   | cps   |
| Cadmium    | 111-1 | 983      | 1008     | 1204     | 1065     | 11.38  | cps   |
| Cadmium    | 106-1 | 1408     | 1392     | 1667     | 1489     | 10.36  | cps   |
| Cadmium    | 108-1 | 225      | 308      | 208      | 247      | 21.67  | cps   |
| Calcium    | 43-1  | 5596476  | 5763690  | 5828771  | 5729646  | 2.09   | cps   |
| Calcium    | 44-1  | 90277946 | 93276171 | 94481804 | 92678640 | 2.34   | cps   |
| Chromium   | 52-2  | 25890    | 25613    | 26097    | 25866    | 0.94   | cps   |
| Cobalt     | 59-2  | 3897     | 3767     | 3540     | 3735     | 4.83   | cps   |
| Copper     | 63-2  | 20952    | 20401    | 20505    | 20619    | 1.42   | cps   |
| Dysprosium | 156-1 | 1183     | 1033     | 1308     | 1175     | 11.72  | cps   |
| Dysprosium | 156-2 | 640      | 513      | 510      | 554      | 13.37  | cps   |
| Erbium     | 164-1 | 1225     | 1225     | 1283     | 1245     | 2.71   | cps   |
| Erbium     | 164-2 | 597      | 450      | 537      | 528      | 13.97  | cps   |
| Gadolinium | 160-1 | 1225     | 1133     | 1192     | 1183     | 3.92   | cps   |
| Gadolinium | 160-2 | 657      | 610      | 647      | 638      | 3.85   | cps   |
| Holmium    | 165-1 | 6202047  | 6232730  | 6423511  | 6286096  | 1.91   | cps   |
| Holmium    | 165-2 | 2864357  | 2782825  | 2809772  | 2818985  | 1.47   | cps   |
| Indium     | 115-1 | 4091922  | 4163746  | 4205815  | 4153828  | 1.39   | cps   |
| Indium     | 115-2 | 767765   | 758239   | 766004   | 764003   | 0.66   | cps   |
| Iron       | 56-2  | 997910   | 962844   | 976348   | 979034   | 1.81   | cps   |
| Iron       | 57-2  | 38083    | 36435    | 37727    | 37415    | 2.32   | cps   |
| Lead       | 206-1 | 4445     | 5001     | 5215     | 4887     | 8.13   | cps   |
| Lead       | 207-1 | 3951     | 4101     | 3717     | 3923     | 4.93   | cps   |
| Lead       | 208-1 | 17828    | 19118    | 21309    | 19418    | 9.06   | cps   |
| Lithium    | 6-1   | 634118   | 644561   | 659591   | 646090   | 1.98   | cps   |
| Magnesium  | 24-2  | 13026540 | 12750395 | 13074409 | 12950448 | 1.35   | cps   |
| Manganese  | 55-2  | 14255    | 11852    | 12052    | 12719    | 10.48  | cps   |

LB Number : LB88853 Operator : Jaswal  
 Lab Sample ID : I4251-14 Instrumnet Name : P7  
 Client Sample ID : WP022MW357-170717 Dilution Factor : 1  
 Date & Time Acquired :: 2017-07-19 19:59:52 DataFile Name : 116SMPL\_P7071917 -M8

| Parameter  | Mass  | CPS1      | CPS2      | CPS3      | CPSMean   | CPSRSD | Units |
|------------|-------|-----------|-----------|-----------|-----------|--------|-------|
| Molybdenum | 94-1  | 12264     | 12740     | 13057     | 12687     | 3.14   | cps   |
| Molybdenum | 95-1  | 2975      | 3542      | 2709      | 3075      | 13.84  | cps   |
| Molybdenum | 96-1  | 5435      | 5251      | 5068      | 5251      | 3.49   | cps   |
| Molybdenum | 97-1  | 1825      | 2025      | 2059      | 1970      | 6.41   | cps   |
| Molybdenum | 98-1  | 4551      | 5118      | 5276      | 4982      | 7.65   | cps   |
| Neodymium  | 150-1 | 1587      | 1520      | 1620      | 1576      | 3.23   | cps   |
| Neodymium  | 150-2 | 433       | 497       | 467       | 466       | 6.80   | cps   |
| Nickel     | 60-2  | 16449     | 15779     | 15695     | 15974     | 2.59   | cps   |
| Phosphorus | 31-2  | 350       | 367       | 425       | 381       | 10.35  | cps   |
| Potassium  | 39-2  | 565575    | 553119    | 561090    | 559928    | 1.13   | cps   |
| Rhodium    | 103-1 | 3325576   | 3398875   | 3426710   | 3383720   | 1.54   | cps   |
| Rhodium    | 103-2 | 1554003   | 1527939   | 1546517   | 1542819   | 0.87   | cps   |
| Scandium   | 45-1  | 1998686   | 2044830   | 2071306   | 2038274   | 1.80   | cps   |
| Scandium   | 45-2  | 93754     | 90360     | 93510     | 92541     | 2.05   | cps   |
| Selenium   | 77-2  | 20        | 17        | 17        | 18        | 10.81  | cps   |
| Selenium   | 78-2  | 76        | 72        | 67        | 72        | 6.51   | cps   |
| Selenium   | 82-1  | 465       | 509       | 604       | 526       | 13.52  | cps   |
| Silicon    | 28-1  | 15853452  | 16343859  | 16493921  | 16230411  | 2.06   | cps   |
| Silver     | 109-1 | 908       | 850       | 925       | 895       | 4.40   | cps   |
| Silver     | 107-1 | 883       | 1042      | 850       | 925       | 11.07  | cps   |
| Sodium     | 23-2  | 429283826 | 422497709 | 430629543 | 427470360 | 1.02   | cps   |
| Strontium  | 86-1  | 3463367   | 3543182   | 3584660   | 3530403   | 1.75   | cps   |
| Strontium  | 88-1  | 30670987  | 31329009  | 31774051  | 31258016  | 1.78   | cps   |
| Sulfur     | 34-1  | 33064285  | 33970368  | 34569701  | 33868118  | 2.24   | cps   |
| Terbium    | 159-1 | 6342315   | 6444072   | 6586311   | 6457566   | 1.90   | cps   |
| Terbium    | 159-2 | 2797161   | 2715832   | 2763333   | 2758776   | 1.48   | cps   |
| Thallium   | 203-1 | 1350      | 2010      | 2012      | 1791      | 21.30  | cps   |
| Thallium   | 205-1 | 3602      | 4128      | 11142     | 6291      | 66.91  | cps   |
| Tin        | 118-1 | 6452      | 7011      | 6810      | 6758      | 4.19   | cps   |
| Titanium   | 47-1  | 5617      | 5838      | 5428      | 5628      | 3.65   | cps   |
| Uranium    | 238-1 | 716072    | 731992    | 746136    | 731400    | 2.06   | cps   |
| Vanadium   | 51-2  | 3794      | 3834      | 3861      | 3829      | 0.88   | cps   |
| Yttrium    | 89-1  | 4143110   | 4235164   | 4280280   | 4219518   | 1.66   | cps   |
| Yttrium    | 89-2  | 584924    | 575937    | 581520    | 580794    | 0.78   | cps   |
| Zinc       | 66-2  | 3874      | 4569      | 3824      | 4089      | 10.18  | cps   |
| Zirconium  | 90-1  | 29599     | 30717     | 32962     | 31093     | 5.51   | cps   |

|                         |                     |                   |                      |
|-------------------------|---------------------|-------------------|----------------------|
| LB Number :             | LB88853             | Operator :        | Jaswal               |
| Lab Sample ID :         | I4251-14            | Instrumnet Name : | P7                   |
| Client Sample ID :      | WP022MW357-170717   | Dilution Factor : | 1                    |
| Date & Time Acquired :: | 2017-07-19 19:59:52 | DataFile Name :   | 116SMPL_P7071917 -M9 |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|-----------|------|------|------|------|---------|--------|-------|
| Zirconium | 91-1 | 6910 | 7177 | 7236 | 7108    | 2.44   | cps   |

|                         |                     |                   |                      |
|-------------------------|---------------------|-------------------|----------------------|
| LB Number :             | LB88853             | Operator :        | Jaswal               |
| Lab Sample ID :         | I4251-15            | Instrumnet Name : | P7                   |
| Client Sample ID :      | WP022RW359-170717   | Dilution Factor : | 1                    |
| Date & Time Acquired :: | 2017-07-19 20:03:24 | DataFile Name :   | 117SMPL_P7071917 -M8 |

| Parameter  | Mass  | CPS1      | CPS2      | CPS3      | CPSMean   | CPSRSD | Units |
|------------|-------|-----------|-----------|-----------|-----------|--------|-------|
| Aluminium  | 27-2  | 825       | 825       | 767       | 806       | 4.18   | cps   |
| Antimony   | 121-1 | 16310     | 17445     | 18296     | 17350     | 5.74   | cps   |
| Arsenic    | 75-2  | 706       | 744       | 772       | 741       | 4.52   | cps   |
| Barium     | 135-1 | 42558     | 43277     | 42650     | 42828     | 0.91   | cps   |
| Barium     | 137-1 | 74249     | 76268     | 74031     | 74850     | 1.65   | cps   |
| Beryllium  | 9-1   | 206       | 239       | 222       | 222       | 7.50   | cps   |
| Bismuth    | 209-1 | 4160877   | 4199251   | 4232685   | 4197604   | 0.86   | cps   |
| Bismuth    | 209-2 | 2183579   | 2187046   | 2179898   | 2183508   | 0.16   | cps   |
| Boron      | 10-1  | 23444     | 24921     | 24996     | 24454     | 3.58   | cps   |
| Boron      | 11-1  | 121971    | 126552    | 127786    | 125436    | 2.44   | cps   |
| Cadmium    | 111-1 | 8752      | 9010      | 8621      | 8794      | 2.25   | cps   |
| Cadmium    | 106-1 | 2275      | 2509      | 2400      | 2395      | 4.88   | cps   |
| Cadmium    | 108-1 | 538       | 575       | 796       | 636       | 21.94  | cps   |
| Calcium    | 43-1  | 6990242   | 7079123   | 7088386   | 7052583   | 0.77   | cps   |
| Calcium    | 44-1  | 112544194 | 114813194 | 114475236 | 113944208 | 1.07   | cps   |
| Chromium   | 52-2  | 6275      | 6341      | 6381      | 6333      | 0.85   | cps   |
| Cobalt     | 59-2  | 478256    | 479136    | 480683    | 479358    | 0.26   | cps   |
| Copper     | 63-2  | 492947    | 491502    | 495305    | 493251    | 0.39   | cps   |
| Dysprosium | 156-1 | 1242      | 1100      | 1142      | 1161      | 6.27   | cps   |
| Dysprosium | 156-2 | 543       | 577       | 497       | 539       | 7.46   | cps   |
| Erbium     | 164-1 | 10846     | 11138     | 10730     | 10905     | 1.93   | cps   |
| Erbium     | 164-2 | 4794      | 5011      | 5078      | 4961      | 2.99   | cps   |
| Gadolinium | 160-1 | 2400      | 2167      | 1784      | 2117      | 14.71  | cps   |
| Gadolinium | 160-2 | 970       | 1063      | 1067      | 1033      | 5.31   | cps   |
| Holmium    | 165-1 | 6806239   | 6923153   | 6937155   | 6888849   | 1.04   | cps   |
| Holmium    | 165-2 | 3046827   | 3045053   | 3063970   | 3051950   | 0.34   | cps   |
| Indium     | 115-1 | 4506072   | 4589608   | 4620157   | 4571945   | 1.29   | cps   |
| Indium     | 115-2 | 826590    | 830037    | 826813    | 827814    | 0.23   | cps   |
| Iron       | 56-2  | 16151574  | 15870701  | 16047847  | 16023374  | 0.89   | cps   |
| Iron       | 57-2  | 405714    | 405314    | 406678    | 405902    | 0.17   | cps   |
| Lead       | 206-1 | 125929    | 125833    | 125845    | 125869    | 0.04   | cps   |
| Lead       | 207-1 | 102883    | 104166    | 104950    | 104000    | 1.00   | cps   |
| Lead       | 208-1 | 486803    | 488676    | 490954    | 488811    | 0.43   | cps   |
| Lithium    | 6-1   | 717445    | 738508    | 745643    | 733865    | 2.00   | cps   |
| Magnesium  | 24-2  | 11191674  | 11323423  | 11293885  | 11269661  | 0.61   | cps   |
| Manganese  | 55-2  | 2955148   | 2945764   | 2975257   | 2958723   | 0.51   | cps   |



|                         |                     |                   |                     |
|-------------------------|---------------------|-------------------|---------------------|
| LB Number :             | LB88853             | Operator :        | Jaswal              |
| Lab Sample ID :         | I4251-15            | Instrumnet Name : | P7                  |
| Client Sample ID :      | WP022RW359-170717   | Dilution Factor : | 1                   |
| Date & Time Acquired :: | 2017-07-19 20:03:24 | DataFile Name :   | 117SMPL_P7071917 -M |

| Parameter  | Mass  | CPS1      | CPS2      | CPS3      | CPSMean   | CPSRSD | Units |
|------------|-------|-----------|-----------|-----------|-----------|--------|-------|
| Molybdenum | 94-1  | 32421     | 32521     | 33690     | 32877     | 2.15   | cps   |
| Molybdenum | 95-1  | 1742      | 2201      | 1692      | 1878      | 14.93  | cps   |
| Molybdenum | 96-1  | 7235      | 7519      | 7936      | 7563      | 4.66   | cps   |
| Molybdenum | 97-1  | 967       | 1067      | 867       | 967       | 10.35  | cps   |
| Molybdenum | 98-1  | 2384      | 2467      | 2184      | 2345      | 6.21   | cps   |
| Neodymium  | 150-1 | 240       | 220       | 280       | 247       | 12.38  | cps   |
| Neodymium  | 150-2 | 97        | 150       | 83        | 110       | 32.07  | cps   |
| Nickel     | 60-2  | 376217    | 375705    | 377829    | 376584    | 0.29   | cps   |
| Phosphorus | 31-2  | 167       | 200       | 192       | 186       | 9.32   | cps   |
| Potassium  | 39-2  | 341455    | 345641    | 341363    | 342820    | 0.71   | cps   |
| Rhodium    | 103-1 | 3729353   | 3794445   | 3817444   | 3780414   | 1.21   | cps   |
| Rhodium    | 103-2 | 1692676   | 1692420   | 1693192   | 1692763   | 0.02   | cps   |
| Scandium   | 45-1  | 2273435   | 2318613   | 2335711   | 2309253   | 1.39   | cps   |
| Scandium   | 45-2  | 99941     | 100541    | 99857     | 100113    | 0.37   | cps   |
| Selenium   | 77-2  | 20        | 10        | 13        | 14        | 35.26  | cps   |
| Selenium   | 78-2  | 48        | 63        | 48        | 53        | 16.11  | cps   |
| Selenium   | 82-1  | 302       | 248       | 260       | 270       | 10.59  | cps   |
| Silicon    | 28-1  | 18499529  | 18654127  | 18591082  | 18581579  | 0.42   | cps   |
| Silver     | 109-1 | 908       | 1192      | 850       | 983       | 18.59  | cps   |
| Silver     | 107-1 | 942       | 1000      | 1208      | 1050      | 13.35  | cps   |
| Sodium     | 23-2  | 223348505 | 223699830 | 224801030 | 223949788 | 0.34   | cps   |
| Strontium  | 86-1  | 2372227   | 2396184   | 2410560   | 2392990   | 0.81   | cps   |
| Strontium  | 88-1  | 21081205  | 21352678  | 21470885  | 21301589  | 0.94   | cps   |
| Sulfur     | 34-1  | 20875166  | 21252410  | 21186402  | 21104660  | 0.95   | cps   |
| Terbium    | 159-1 | 6928796   | 7007147   | 7051062   | 6995668   | 0.89   | cps   |
| Terbium    | 159-2 | 2969039   | 2976296   | 2976930   | 2974088   | 0.15   | cps   |
| Thallium   | 203-1 | 833       | 1058      | 767       | 886       | 17.25  | cps   |
| Thallium   | 205-1 | 2150      | 2417      | 1967      | 2178      | 10.40  | cps   |
| Tin        | 118-1 | 5876      | 5585      | 5760      | 5740      | 2.56   | cps   |
| Titanium   | 47-1  | 775       | 800       | 617       | 731       | 13.61  | cps   |
| Uranium    | 238-1 | 198929    | 199610    | 201275    | 199938    | 0.60   | cps   |
| Vanadium   | 51-2  | 3567      | 3517      | 3534      | 3539      | 0.72   | cps   |
| Yttrium    | 89-1  | 4823948   | 4900150   | 4933950   | 4886016   | 1.15   | cps   |
| Yttrium    | 89-2  | 654330    | 656662    | 655742    | 655578    | 0.18   | cps   |
| Zinc       | 66-2  | 22033     | 22190     | 21990     | 22071     | 0.48   | cps   |
| Zirconium  | 90-1  | 86268     | 87978     | 87224     | 87157     | 0.98   | cps   |

|                         |                     |                   |                      |
|-------------------------|---------------------|-------------------|----------------------|
| LB Number :             | LB88853             | Operator :        | Jaswal               |
| Lab Sample ID :         | I4251-15            | Instrumnet Name : | P7                   |
| Client Sample ID :      | WP022RW359-170717   | Dilution Factor : | 1                    |
| Date & Time Acquired :: | 2017-07-19 20:03:24 | DataFile Name :   | 117SMPL_P7071917 -M9 |

| Parameter | Mass | CPS1  | CPS2  | CPS3  | CPSMean | CPSRSD | Units |
|-----------|------|-------|-------|-------|---------|--------|-------|
| Zirconium | 91-1 | 17904 | 18813 | 19022 | 18579   | 3.20   | cps   |

|                         |                     |                   |                      |
|-------------------------|---------------------|-------------------|----------------------|
| LB Number :             | LB88853             | Operator :        | Jaswal               |
| Lab Sample ID :         | CCV39               | Instrumnet Name : | P7                   |
| Client Sample ID :      | CCV39               | Dilution Factor : | 1                    |
| Date & Time Acquired :: | 2017-07-19 20:06:55 | DataFile Name :   | 118CCV_P7071917 -MS. |

| Parameter  | Mass  | CPS1    | CPS2    | CPS3    | CPSMean | CPSRSD | Units |
|------------|-------|---------|---------|---------|---------|--------|-------|
| Aluminium  | 27-2  | 25      | 33      | 33      | 31      | 15.74  | cps   |
| Antimony   | 121-1 | 1358    | 1258    | 942     | 1186    | 18.34  | cps   |
| Arsenic    | 75-2  | 17      | 20      | 17      | 18      | 11.93  | cps   |
| Barium     | 135-1 | 25      | 50      | 25      | 33      | 43.30  | cps   |
| Barium     | 137-1 | 58      | 42      | 67      | 56      | 22.91  | cps   |
| Beryllium  | 9-1   | 161     | 217     | 156     | 178     | 19.01  | cps   |
| Bismuth    | 209-1 | 4574460 | 4709619 | 4644706 | 4642928 | 1.46   | cps   |
| Bismuth    | 209-2 | 2426537 | 2435070 | 2457172 | 2439593 | 0.65   | cps   |
| Boron      | 10-1  | 2792    | 2375    | 2267    | 2478    | 11.19  | cps   |
| Boron      | 11-1  | 13940   | 13473   | 12497   | 13304   | 5.53   | cps   |
| Cadmium    | 111-1 | 1058    | 1058    | 1270    | 1129    | 10.83  | cps   |
| Cadmium    | 106-1 | 1492    | 1492    | 1800    | 1595    | 11.17  | cps   |
| Cadmium    | 108-1 | 4       | 4       | 4       | 4       | 0.00   | cps   |
| Calcium    | 43-1  | 225     | 300     | 192     | 239     | 23.23  | cps   |
| Calcium    | 44-1  | 4976    | 5310    | 4718    | 5001    | 5.93   | cps   |
| Chromium   | 52-2  | 317     | 267     | 383     | 322     | 18.17  | cps   |
| Cobalt     | 59-2  | 63      | 60      | 123     | 82      | 43.35  | cps   |
| Copper     | 63-2  | 2484    | 2260    | 2294    | 2346    | 5.14   | cps   |
| Dysprosium | 156-1 | 25      | 0       | 0       | 8       | 173.21 | cps   |
| Dysprosium | 156-2 | 0       | 0       | 10      | 3       | 173.21 | cps   |
| Erbium     | 164-1 | 25      | 25      | 25      | 25      | 0.00   | cps   |
| Erbium     | 164-2 | 10      | 13      | 30      | 18      | 60.28  | cps   |
| Gadolinium | 160-1 | 42      | 33      | 42      | 39      | 12.38  | cps   |
| Gadolinium | 160-2 | 53      | 37      | 57      | 49      | 21.91  | cps   |
| Holmium    | 165-1 | 7016201 | 7104509 | 7064796 | 7061836 | 0.63   | cps   |
| Holmium    | 165-2 | 3106581 | 3097348 | 3121746 | 3108558 | 0.40   | cps   |
| Indium     | 115-1 | 4942124 | 5012664 | 4972823 | 4975870 | 0.71   | cps   |
| Indium     | 115-2 | 883386  | 880010  | 889002  | 884133  | 0.51   | cps   |
| Iron       | 56-2  | 4562    | 6012    | 8075    | 6216    | 28.40  | cps   |
| Iron       | 57-2  | 189     | 189     | 311     | 230     | 30.73  | cps   |
| Lead       | 206-1 | 739     | 778     | 822     | 780     | 5.35   | cps   |
| Lead       | 207-1 | 700     | 633     | 717     | 683     | 6.45   | cps   |
| Lead       | 208-1 | 3122    | 3106    | 3078    | 3102    | 0.72   | cps   |
| Lithium    | 6-1   | 721919  | 728090  | 727344  | 725784  | 0.46   | cps   |
| Magnesium  | 24-2  | 558     | 875     | 2909    | 1447    | 88.12  | cps   |
| Manganese  | 55-2  | 417     | 824     | 1840    | 1027    | 71.40  | cps   |

|                         |                     |                   |                      |
|-------------------------|---------------------|-------------------|----------------------|
| LB Number :             | LB88853             | Operator :        | Jaswal               |
| Lab Sample ID :         | CCV39               | Instrumnet Name : | P7                   |
| Client Sample ID :      | CCV39               | Dilution Factor : | 1                    |
| Date & Time Acquired :: | 2017-07-19 20:06:55 | DataFile Name :   | 118CCV_P7071917 -MS. |

| Parameter  | Mass  | CPS1    | CPS2    | CPS3    | CPSMean | CPSRSD  | Units |
|------------|-------|---------|---------|---------|---------|---------|-------|
| Molybdenum | 94-1  | 100     | 108     | 117     | 108     | 7.69    | cps   |
| Molybdenum | 95-1  | 25      | 33      | 42      | 33      | 25.01   | cps   |
| Molybdenum | 96-1  | 75      | 92      | 100     | 89      | 14.32   | cps   |
| Molybdenum | 97-1  | 33      | 83      | 25      | 47      | 66.82   | cps   |
| Molybdenum | 98-1  | 108     | 33      | 117     | 86      | 53.30   | cps   |
| Neodymium  | 150-1 | 0       | 0       | 0       | 0       | 0.00    | cps   |
| Neodymium  | 150-2 | 0       | 13      | 13      | 9       | 86.60   | cps   |
| Nickel     | 60-2  | 167     | 213     | 213     | 198     | 13.62   | cps   |
| Phosphorus | 31-2  | 117     | 92      | 75      | 94      | 22.21   | cps   |
| Potassium  | 39-2  | 20131   | 19864   | 20331   | 20109   | 1.17    | cps   |
| Rhodium    | 103-1 | 4261291 | 4348639 | 4312078 | 4307336 | 1.02    | cps   |
| Rhodium    | 103-2 | 1884594 | 1884130 | 1900803 | 1889842 | 0.50    | cps   |
| Scandium   | 45-1  | 2340137 | 2370277 | 2336740 | 2349051 | 0.79    | cps   |
| Scandium   | 45-2  | 98159   | 99018   | 100454  | 99210   | 1.17    | cps   |
| Selenium   | 77-2  | 0       | 0       | 0       | 0       | 0.00    | cps   |
| Selenium   | 78-2  | 50      | 52      | 43      | 48      | 10.18   | cps   |
| Selenium   | 82-1  | -34     | 7       | -24     | -17     | -125.32 | cps   |
| Silicon    | 28-1  | 282334  | 273747  | 268715  | 274932  | 2.50    | cps   |
| Silver     | 109-1 | 633     | 667     | 525     | 608     | 12.18   | cps   |
| Silver     | 107-1 | 775     | 617     | 633     | 675     | 12.89   | cps   |
| Sodium     | 23-2  | 45077   | 46189   | 71126   | 54131   | 27.21   | cps   |
| Strontium  | 86-1  | 717     | 733     | 717     | 722     | 1.33    | cps   |
| Strontium  | 88-1  | 467     | 358     | 367     | 397     | 15.18   | cps   |
| Sulfur     | 34-1  | 181619  | 183964  | 182657  | 182747  | 0.64    | cps   |
| Terbium    | 159-1 | 7116164 | 7327306 | 7196759 | 7213409 | 1.48    | cps   |
| Terbium    | 159-2 | 3037349 | 3034670 | 3073405 | 3048475 | 0.71    | cps   |
| Thallium   | 203-1 | 75      | 67      | 50      | 64      | 19.92   | cps   |
| Thallium   | 205-1 | 167     | 125     | 67      | 119     | 42.05   | cps   |
| Tin        | 118-1 | 883     | 675     | 842     | 800     | 13.78   | cps   |
| Titanium   | 47-1  | 92      | 50      | 17      | 53      | 71.20   | cps   |
| Uranium    | 238-1 | 58      | 50      | 42      | 50      | 16.67   | cps   |
| Vanadium   | 51-2  | 53      | 67      | 87      | 69      | 24.36   | cps   |
| Yttrium    | 89-1  | 4817094 | 4916619 | 4844609 | 4859441 | 1.06    | cps   |
| Yttrium    | 89-2  | 637666  | 637340  | 640307  | 638437  | 0.25    | cps   |
| Zinc       | 66-2  | 297     | 473     | 493     | 421     | 25.70   | cps   |
| Zirconium  | 90-1  | 217     | 325     | 300     | 281     | 20.22   | cps   |

|                         |                     |                   |                      |
|-------------------------|---------------------|-------------------|----------------------|
| LB Number :             | LB88853             | Operator :        | Jaswal               |
| Lab Sample ID :         | CCV39               | Instrumnet Name : | P7                   |
| Client Sample ID :      | CCV39               | Dilution Factor : | 1                    |
| Date & Time Acquired :: | 2017-07-19 20:06:55 | DataFile Name :   | 118CCV_P7071917 -MS. |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|-----------|------|------|------|------|---------|--------|-------|
| Zirconium | 91-1 | 58   | 75   | 83   | 72      | 17.62  | cps   |

|                         |                     |                   |                     |
|-------------------------|---------------------|-------------------|---------------------|
| LB Number :             | LB88853             | Operator :        | Jaswal              |
| Lab Sample ID :         | CCB39               | Instrumnet Name : | P7                  |
| Client Sample ID :      | CCB39               | Dilution Factor : | 1                   |
| Date & Time Acquired :: | 2017-07-19 20:10:26 | DataFile Name :   | 119CCBE_P7071917 -M |

| Parameter  | Mass  | CPS1    | CPS2    | CPS3    | CPSMean | CPSRSD | Units |
|------------|-------|---------|---------|---------|---------|--------|-------|
| Aluminium  | 27-2  | 42      | 42      | 33      | 39      | 12.38  | cps   |
| Antimony   | 121-1 | 700     | 617     | 533     | 617     | 13.51  | cps   |
| Arsenic    | 75-2  | 9       | 6       | 15      | 10      | 47.14  | cps   |
| Barium     | 135-1 | 83      | 250     | 17      | 117     | 103.01 | cps   |
| Barium     | 137-1 | 208     | 292     | 142     | 214     | 35.14  | cps   |
| Beryllium  | 9-1   | 189     | 172     | 150     | 170     | 11.45  | cps   |
| Bismuth    | 209-1 | 4288820 | 4489451 | 4307507 | 4361926 | 2.54   | cps   |
| Bismuth    | 209-2 | 2432546 | 2437890 | 2786062 | 2552166 | 7.94   | cps   |
| Boron      | 10-1  | 1617    | 1909    | 1859    | 1795    | 8.69   | cps   |
| Boron      | 11-1  | 9061    | 8836    | 8594    | 8831    | 2.64   | cps   |
| Cadmium    | 111-1 | 961     | 961     | 956     | 959     | 0.30   | cps   |
| Cadmium    | 106-1 | 1317    | 1258    | 1308    | 1295    | 2.44   | cps   |
| Cadmium    | 108-1 | 4       | 4       | 8       | 6       | 43.22  | cps   |
| Calcium    | 43-1  | 1217    | 1467    | 967     | 1217    | 20.55  | cps   |
| Calcium    | 44-1  | 20563   | 23730   | 16165   | 20153   | 18.85  | cps   |
| Chromium   | 52-2  | 297     | 313     | 343     | 318     | 7.44   | cps   |
| Cobalt     | 59-2  | 27      | 53      | 60      | 47      | 37.79  | cps   |
| Copper     | 63-2  | 1893    | 1813    | 1883    | 1863    | 2.34   | cps   |
| Dysprosium | 156-1 | 67      | 58      | 17      | 47      | 56.72  | cps   |
| Dysprosium | 156-2 | 0       | 0       | 0       | 0       | 0.00   | cps   |
| Erbium     | 164-1 | 42      | 92      | 17      | 50      | 76.37  | cps   |
| Erbium     | 164-2 | 13      | 7       | 10      | 10      | 33.30  | cps   |
| Gadolinium | 160-1 | 25      | 117     | 67      | 69      | 66.09  | cps   |
| Gadolinium | 160-2 | 37      | 60      | 37      | 44      | 30.31  | cps   |
| Holmium    | 165-1 | 6487887 | 6689361 | 6502357 | 6559868 | 1.71   | cps   |
| Holmium    | 165-2 | 3098028 | 3099781 | 3513549 | 3237119 | 7.40   | cps   |
| Indium     | 115-1 | 4554235 | 4680122 | 4543092 | 4592483 | 1.66   | cps   |
| Indium     | 115-2 | 877440  | 875318  | 987248  | 913335  | 7.01   | cps   |
| Iron       | 56-2  | 4184    | 3890    | 4623    | 4232    | 8.72   | cps   |
| Iron       | 57-2  | 144     | 194     | 222     | 187     | 21.07  | cps   |
| Lead       | 206-1 | 833     | 906     | 794     | 844     | 6.68   | cps   |
| Lead       | 207-1 | 739     | 945     | 789     | 824     | 13.01  | cps   |
| Lead       | 208-1 | 3439    | 3784    | 3384    | 3535    | 6.13   | cps   |
| Lithium    | 6-1   | 668190  | 684621  | 668959  | 673924  | 1.38   | cps   |
| Magnesium  | 24-2  | 850     | 633     | 600     | 694     | 19.55  | cps   |
| Manganese  | 55-2  | 520     | 490     | 433     | 481     | 9.15   | cps   |

|                         |                     |                   |                     |
|-------------------------|---------------------|-------------------|---------------------|
| LB Number :             | LB88853             | Operator :        | Jaswal              |
| Lab Sample ID :         | CCB39               | Instrumnet Name : | P7                  |
| Client Sample ID :      | CCB39               | Dilution Factor : | 1                   |
| Date & Time Acquired :: | 2017-07-19 20:10:26 | DataFile Name :   | 119CCBE_P7071917 -M |

| Parameter  | Mass  | CPS1    | CPS2    | CPS3    | CPSMean | CPSRSD   | Units |
|------------|-------|---------|---------|---------|---------|----------|-------|
| Molybdenum | 94-1  | 267     | 375     | 308     | 317     | 17.26    | cps   |
| Molybdenum | 95-1  | 67      | 83      | 125     | 92      | 32.78    | cps   |
| Molybdenum | 96-1  | 200     | 150     | 92      | 147     | 36.83    | cps   |
| Molybdenum | 97-1  | 83      | 142     | 100     | 108     | 27.74    | cps   |
| Molybdenum | 98-1  | 142     | 267     | 133     | 181     | 41.37    | cps   |
| Neodymium  | 150-1 | 40      | 87      | 7       | 44      | 90.41    | cps   |
| Neodymium  | 150-2 | 0       | 0       | 0       | 0       | 0.00     | cps   |
| Nickel     | 60-2  | 153     | 177     | 213     | 181     | 16.70    | cps   |
| Phosphorus | 31-2  | 108     | 75      | 58      | 81      | 31.60    | cps   |
| Potassium  | 39-2  | 18638   | 18395   | 19163   | 18732   | 2.10     | cps   |
| Rhodium    | 103-1 | 3929265 | 4068450 | 3955393 | 3984369 | 1.86     | cps   |
| Rhodium    | 103-2 | 1879237 | 1860159 | 2102607 | 1947335 | 6.92     | cps   |
| Scandium   | 45-1  | 2149980 | 2211940 | 2149095 | 2170338 | 1.66     | cps   |
| Scandium   | 45-2  | 97183   | 96458   | 110291  | 101310  | 7.68     | cps   |
| Selenium   | 77-2  | 0       | 0       | 0       | 0       | 0.00     | cps   |
| Selenium   | 78-2  | 43      | 43      | 43      | 43      | 0.00     | cps   |
| Selenium   | 82-1  | -42     | -22     | 51      | -4      | -1140.21 | cps   |
| Silicon    | 28-1  | 242045  | 241303  | 237520  | 240289  | 1.01     | cps   |
| Silver     | 109-1 | 558     | 500     | 467     | 508     | 9.13     | cps   |
| Silver     | 107-1 | 692     | 608     | 675     | 658     | 6.70     | cps   |
| Sodium     | 23-2  | 35176   | 36253   | 36637   | 36022   | 2.10     | cps   |
| Strontium  | 86-1  | 1442    | 1183    | 1125    | 1250    | 13.49    | cps   |
| Strontium  | 88-1  | 5086    | 6237    | 3593    | 4972    | 26.67    | cps   |
| Sulfur     | 34-1  | 178346  | 173721  | 174604  | 175557  | 1.40     | cps   |
| Terbium    | 159-1 | 6588629 | 6906871 | 6700142 | 6731881 | 2.40     | cps   |
| Terbium    | 159-2 | 3008057 | 3023545 | 3436828 | 3156143 | 7.71     | cps   |
| Thallium   | 203-1 | 183     | 333     | 108     | 208     | 54.99    | cps   |
| Thallium   | 205-1 | 467     | 550     | 467     | 494     | 9.73     | cps   |
| Tin        | 118-1 | 908     | 808     | 758     | 825     | 9.26     | cps   |
| Titanium   | 47-1  | 83      | 75      | 42      | 67      | 33.07    | cps   |
| Uranium    | 238-1 | 500     | 700     | 342     | 514     | 34.94    | cps   |
| Vanadium   | 51-2  | 40      | 37      | 40      | 39      | 4.94     | cps   |
| Yttrium    | 89-1  | 4435520 | 4536624 | 4439612 | 4470585 | 1.28     | cps   |
| Yttrium    | 89-2  | 631644  | 627503  | 706572  | 655240  | 6.79     | cps   |
| Zinc       | 66-2  | 270     | 297     | 250     | 272     | 8.60     | cps   |
| Zirconium  | 90-1  | 517     | 800     | 633     | 650     | 21.91    | cps   |

|                         |                     |                   |                     |
|-------------------------|---------------------|-------------------|---------------------|
| LB Number :             | LB88853             | Operator :        | Jaswal              |
| Lab Sample ID :         | CCB39               | Instrumnet Name : | P7                  |
| Client Sample ID :      | CCB39               | Dilution Factor : | 1                   |
| Date & Time Acquired :: | 2017-07-19 20:10:26 | DataFile Name :   | 119CCBE_P7071917 -M |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|-----------|------|------|------|------|---------|--------|-------|
| Zirconium | 91-1 | 175  | 167  | 125  | 156     | 17.22  | cps   |



|                         |                     |                   |                     |
|-------------------------|---------------------|-------------------|---------------------|
| LB Number :             | LB88853             | Operator :        | Jaswal              |
| Lab Sample ID :         | PB100780BL          | Instrumnet Name : | P7                  |
| Client Sample ID :      | PB100780BL          | Dilution Factor : | 1                   |
| Date & Time Acquired :: | 2017-07-19 20:13:58 | DataFile Name :   | 120SMPL_P7071917 -M |

| Parameter  | Mass  | CPS1    | CPS2    | CPS3    | CPSMean | CPSRSD | Units |
|------------|-------|---------|---------|---------|---------|--------|-------|
| Aluminium  | 27-2  | 25      | 42      | 8       | 25      | 66.68  | cps   |
| Antimony   | 121-1 | 258     | 167     | 358     | 261     | 36.71  | cps   |
| Arsenic    | 75-2  | 2       | 17      | 9       | 9       | 80.02  | cps   |
| Barium     | 135-1 | 25      | 92      | 33      | 50      | 72.65  | cps   |
| Barium     | 137-1 | 75      | 125     | 58      | 86      | 40.29  | cps   |
| Beryllium  | 9-1   | 189     | 144     | 128     | 154     | 20.55  | cps   |
| Bismuth    | 209-1 | 5052645 | 4998182 | 5014546 | 5021791 | 0.56   | cps   |
| Bismuth    | 209-2 | 2751805 | 2700480 | 2652919 | 2701735 | 1.83   | cps   |
| Boron      | 10-1  | 1308    | 1425    | 1283    | 1339    | 5.65   | cps   |
| Boron      | 11-1  | 6844    | 6685    | 6910    | 6813    | 1.70   | cps   |
| Cadmium    | 111-1 | 1099    | 1163    | 1208    | 1157    | 4.74   | cps   |
| Cadmium    | 106-1 | 1558    | 1642    | 1717    | 1639    | 4.83   | cps   |
| Cadmium    | 108-1 | 0       | 4       | 8       | 4       | 99.96  | cps   |
| Calcium    | 43-1  | 283     | 225     | 242     | 250     | 12.02  | cps   |
| Calcium    | 44-1  | 4693    | 4668    | 4393    | 4584    | 3.63   | cps   |
| Chromium   | 52-2  | 350     | 297     | 363     | 337     | 10.48  | cps   |
| Cobalt     | 59-2  | 70      | 63      | 63      | 66      | 5.87   | cps   |
| Copper     | 63-2  | 1743    | 1890    | 1787    | 1807    | 4.17   | cps   |
| Dysprosium | 156-1 | 8       | 8       | 0       | 6       | 86.60  | cps   |
| Dysprosium | 156-2 | 3       | 3       | 0       | 2       | 86.60  | cps   |
| Erbium     | 164-1 | 25      | 8       | 17      | 17      | 50.01  | cps   |
| Erbium     | 164-2 | 3       | 3       | 3       | 3       | 0.00   | cps   |
| Gadolinium | 160-1 | 33      | 17      | 50      | 33      | 50.00  | cps   |
| Gadolinium | 160-2 | 57      | 33      | 63      | 51      | 30.82  | cps   |
| Holmium    | 165-1 | 7582269 | 7527167 | 7516086 | 7541841 | 0.47   | cps   |
| Holmium    | 165-2 | 3470205 | 3388141 | 3350267 | 3402871 | 1.80   | cps   |
| Indium     | 115-1 | 5310206 | 5201975 | 5219421 | 5243867 | 1.11   | cps   |
| Indium     | 115-2 | 976208  | 950378  | 948539  | 958375  | 1.61   | cps   |
| Iron       | 56-2  | 4840    | 4340    | 4812    | 4664    | 6.03   | cps   |
| Iron       | 57-2  | 189     | 233     | 261     | 228     | 15.99  | cps   |
| Lead       | 206-1 | 750     | 839     | 800     | 796     | 5.60   | cps   |
| Lead       | 207-1 | 617     | 822     | 756     | 732     | 14.34  | cps   |
| Lead       | 208-1 | 3134    | 3361    | 3184    | 3226    | 3.71   | cps   |
| Lithium    | 6-1   | 746922  | 740674  | 742336  | 743311  | 0.44   | cps   |
| Magnesium  | 24-2  | 675     | 700     | 908     | 761     | 16.83  | cps   |
| Manganese  | 55-2  | 527     | 613     | 547     | 562     | 8.07   | cps   |

|                         |                     |                   |                     |
|-------------------------|---------------------|-------------------|---------------------|
| LB Number :             | LB88853             | Operator :        | Jaswal              |
| Lab Sample ID :         | PB100780BL          | Instrumnet Name : | P7                  |
| Client Sample ID :      | PB100780BL          | Dilution Factor : | 1                   |
| Date & Time Acquired :: | 2017-07-19 20:13:58 | DataFile Name :   | 120SMPL_P7071917 -M |

| Parameter  | Mass  | CPS1    | CPS2    | CPS3    | CPSMean | CPSRSD  | Units |
|------------|-------|---------|---------|---------|---------|---------|-------|
| Molybdenum | 94-1  | 158     | 192     | 150     | 167     | 13.23   | cps   |
| Molybdenum | 95-1  | 25      | 58      | 50      | 44      | 39.04   | cps   |
| Molybdenum | 96-1  | 108     | 67      | 100     | 92      | 24.05   | cps   |
| Molybdenum | 97-1  | 25      | 42      | 33      | 33      | 25.01   | cps   |
| Molybdenum | 98-1  | 58      | 100     | 83      | 81      | 26.03   | cps   |
| Neodymium  | 150-1 | 0       | 13      | 13      | 9       | 86.60   | cps   |
| Neodymium  | 150-2 | 0       | 0       | 0       | 0       | 0.00    | cps   |
| Nickel     | 60-2  | 127     | 160     | 180     | 156     | 17.32   | cps   |
| Phosphorus | 31-2  | 92      | 83      | 58      | 78      | 22.30   | cps   |
| Potassium  | 39-2  | 18921   | 19630   | 19864   | 19472   | 2.52    | cps   |
| Rhodium    | 103-1 | 4548769 | 4500920 | 4509671 | 4519787 | 0.56    | cps   |
| Rhodium    | 103-2 | 2080726 | 2029614 | 2025791 | 2045377 | 1.50    | cps   |
| Scandium   | 45-1  | 2439812 | 2411875 | 2453300 | 2434996 | 0.87    | cps   |
| Scandium   | 45-2  | 107788  | 104314  | 107281  | 106461  | 1.76    | cps   |
| Selenium   | 77-2  | 0       | 0       | 0       | 0       | 0.00    | cps   |
| Selenium   | 78-2  | 52      | 57      | 22      | 44      | 43.16   | cps   |
| Selenium   | 82-1  | 12      | -105    | -28     | -40     | -147.50 | cps   |
| Silicon    | 28-1  | 226916  | 224150  | 223405  | 224823  | 0.82    | cps   |
| Silver     | 109-1 | 517     | 583     | 475     | 525     | 10.41   | cps   |
| Silver     | 107-1 | 583     | 675     | 608     | 622     | 7.62    | cps   |
| Sodium     | 23-2  | 33304   | 33238   | 32486   | 33009   | 1.38    | cps   |
| Strontium  | 86-1  | 742     | 700     | 692     | 711     | 3.77    | cps   |
| Strontium  | 88-1  | 350     | 400     | 350     | 367     | 7.87    | cps   |
| Sulfur     | 34-1  | 178743  | 178624  | 179612  | 178993  | 0.30    | cps   |
| Terbium    | 159-1 | 7705679 | 7701208 | 7689873 | 7698920 | 0.11    | cps   |
| Terbium    | 159-2 | 3381796 | 3307002 | 3290597 | 3326465 | 1.46    | cps   |
| Thallium   | 203-1 | 100     | 75      | 117     | 97      | 21.57   | cps   |
| Thallium   | 205-1 | 242     | 158     | 175     | 192     | 23.01   | cps   |
| Tin        | 118-1 | 833     | 817     | 692     | 781     | 9.92    | cps   |
| Titanium   | 47-1  | 25      | 67      | 83      | 58      | 51.51   | cps   |
| Uranium    | 238-1 | 83      | 83      | 150     | 106     | 36.46   | cps   |
| Vanadium   | 51-2  | 50      | 30      | 37      | 39      | 26.18   | cps   |
| Yttrium    | 89-1  | 5121200 | 5027400 | 5077887 | 5075496 | 0.92    | cps   |
| Yttrium    | 89-2  | 697170  | 685134  | 682169  | 688158  | 1.15    | cps   |
| Zinc       | 66-2  | 287     | 273     | 287     | 282     | 2.73    | cps   |
| Zirconium  | 90-1  | 275     | 350     | 408     | 344     | 19.40   | cps   |

|                         |                     |                   |                     |
|-------------------------|---------------------|-------------------|---------------------|
| LB Number :             | LB88853             | Operator :        | Jaswal              |
| Lab Sample ID :         | PB100780BL          | Instrumnet Name : | P7                  |
| Client Sample ID :      | PB100780BL          | Dilution Factor : | 1                   |
| Date & Time Acquired :: | 2017-07-19 20:13:58 | DataFile Name :   | 120SMPL_P7071917 -M |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|-----------|------|------|------|------|---------|--------|-------|
| Zirconium | 91-1 | 50   | 67   | 75   | 64      | 19.92  | cps   |

|                         |                     |                   |                     |
|-------------------------|---------------------|-------------------|---------------------|
| LB Number :             | LB88853             | Operator :        | Jaswal              |
| Lab Sample ID :         | PB100780BS          | Instrumnet Name : | P7                  |
| Client Sample ID :      | PB100780BS          | Dilution Factor : | 1                   |
| Date & Time Acquired :: | 2017-07-19 20:17:29 | DataFile Name :   | 121SMPL_P7071917 -M |

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|------------|-------|----------|----------|----------|----------|--------|-------|
| Aluminium  | 27-2  | 17       | 25       | 50       | 31       | 56.77  | cps   |
| Antimony   | 121-1 | 183      | 208      | 250      | 214      | 15.75  | cps   |
| Arsenic    | 75-2  | 9        | 15       | 11       | 12       | 24.10  | cps   |
| Barium     | 135-1 | 58       | 25       | 50       | 44       | 39.04  | cps   |
| Barium     | 137-1 | 58       | 75       | 42       | 58       | 28.57  | cps   |
| Beryllium  | 9-1   | 167      | 167      | 183      | 172      | 5.59   | cps   |
| Bismuth    | 209-1 | 5245278  | 5169746  | 5167822  | 5194282  | 0.85   | cps   |
| Bismuth    | 209-2 | 2616646  | 2612545  | 2649307  | 2626166  | 0.77   | cps   |
| Boron      | 10-1  | 1200     | 1325     | 1058     | 1195     | 11.17  | cps   |
| Boron      | 11-1  | 5768     | 6202     | 5726     | 5899     | 4.46   | cps   |
| Cadmium    | 111-1 | 1266     | 1224     | 1218     | 1236     | 2.09   | cps   |
| Cadmium    | 106-1 | 1800     | 1742     | 1717     | 1753     | 2.44   | cps   |
| Cadmium    | 108-1 | 4        | 17       | 13       | 11       | 57.27  | cps   |
| Calcium    | 43-1  | 208      | 250      | 300      | 253      | 18.16  | cps   |
| Calcium    | 44-1  | 5043     | 4576     | 5159     | 4926     | 6.27   | cps   |
| Chromium   | 52-2  | 287      | 270      | 240      | 266      | 8.91   | cps   |
| Cobalt     | 59-2  | 50       | 63       | 60       | 58       | 12.01  | cps   |
| Copper     | 63-2  | 1797     | 1777     | 1690     | 1755     | 3.23   | 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       | 50       | 17       | 28       | 69.27  | cps   |
| Erbium     | 164-2 | 20       | 10       | 20       | 17       | 34.64  | cps   |
| Gadolinium | 160-1 | 8        | 75       | 50       | 44       | 75.78  | cps   |
| Gadolinium | 160-2 | 43       | 47       | 63       | 51       | 20.96  | cps   |
| Holmium    | 165-1 | 7648463  | 7687438  | 7675598  | 7670500  | 0.26   | cps   |
| Holmium    | 165-2 | 3273184  | 3277894  | 3302707  | 3284595  | 0.48   | cps   |
| Indium     | 115-1 | 5420779  | 5383912  | 5337464  | 5380718  | 0.78   | cps   |
| Indium     | 115-2 | 923058   | 919970   | 926425   | 923151   | 0.35   | cps   |
| Iron       | 56-2  | 4062     | 3912     | 4245     | 4073     | 4.10   | cps   |
| Iron       | 57-2  | 222      | 144      | 189      | 185      | 21.07  | cps   |
| Lead       | 206-1 | 2652975  | 2640830  | 2629449  | 2641085  | 0.45   | cps   |
| Lead       | 207-1 | 2427255  | 2411089  | 2417280  | 2418541  | 0.34   | cps   |
| Lead       | 208-1 | 10972775 | 10913011 | 10904006 | 10929931 | 0.34   | cps   |
| Lithium    | 6-1   | 754497   | 751511   | 751114   | 752374   | 0.25   | cps   |
| Magnesium  | 24-2  | 717      | 708      | 733      | 720      | 1.77   | cps   |
| Manganese  | 55-2  | 453      | 477      | 470      | 467      | 2.58   | cps   |

|                         |                     |                   |                     |
|-------------------------|---------------------|-------------------|---------------------|
| LB Number :             | LB88853             | Operator :        | Jaswal              |
| Lab Sample ID :         | PB100780BS          | Instrumnet Name : | P7                  |
| Client Sample ID :      | PB100780BS          | Dilution Factor : | 1                   |
| Date & Time Acquired :: | 2017-07-19 20:17:29 | DataFile Name :   | 121SMPL_P7071917 -M |

| Parameter  | Mass  | CPS1    | CPS2    | CPS3    | CPSMean | CPSRSD   | Units |
|------------|-------|---------|---------|---------|---------|----------|-------|
| Molybdenum | 94-1  | 125     | 158     | 142     | 142     | 11.76    | cps   |
| Molybdenum | 95-1  | 33      | 83      | 17      | 44      | 78.07    | cps   |
| Molybdenum | 96-1  | 58      | 92      | 92      | 81      | 23.89    | cps   |
| Molybdenum | 97-1  | 67      | 50      | 67      | 61      | 15.75    | cps   |
| Molybdenum | 98-1  | 33      | 75      | 92      | 67      | 45.07    | cps   |
| Neodymium  | 150-1 | 7       | 7       | 0       | 4       | 86.60    | cps   |
| Neodymium  | 150-2 | 0       | 0       | 0       | 0       | 0.00     | cps   |
| Nickel     | 60-2  | 187     | 153     | 167     | 169     | 9.93     | cps   |
| Phosphorus | 31-2  | 83      | 67      | 58      | 69      | 18.33    | cps   |
| Potassium  | 39-2  | 19831   | 20239   | 19714   | 19928   | 1.39     | cps   |
| Rhodium    | 103-1 | 4648700 | 4636467 | 4632258 | 4639142 | 0.18     | cps   |
| Rhodium    | 103-2 | 1964752 | 1968076 | 1987234 | 1973354 | 0.61     | cps   |
| Scandium   | 45-1  | 2499609 | 2501241 | 2503921 | 2501590 | 0.09     | cps   |
| Scandium   | 45-2  | 101659  | 103555  | 103928  | 103047  | 1.18     | cps   |
| Selenium   | 77-2  | 0       | 0       | 3       | 1       | 173.21   | cps   |
| Selenium   | 78-2  | 31      | 35      | 48      | 38      | 22.87    | cps   |
| Selenium   | 82-1  | 5       | -21     | 12      | -1      | -1321.73 | cps   |
| Silicon    | 28-1  | 216028  | 217625  | 216828  | 216827  | 0.37     | cps   |
| Silver     | 109-1 | 442     | 550     | 492     | 494     | 10.97    | cps   |
| Silver     | 107-1 | 492     | 550     | 458     | 500     | 9.28     | cps   |
| Sodium     | 23-2  | 30857   | 30064   | 30465   | 30462   | 1.30     | cps   |
| Strontium  | 86-1  | 492     | 583     | 675     | 583     | 15.71    | cps   |
| Strontium  | 88-1  | 250     | 225     | 275     | 250     | 10.00    | cps   |
| Sulfur     | 34-1  | 177893  | 178527  | 180868  | 179096  | 0.88     | cps   |
| Terbium    | 159-1 | 7873331 | 7925538 | 7893860 | 7897576 | 0.33     | cps   |
| Terbium    | 159-2 | 3210339 | 3208038 | 3214280 | 3210886 | 0.10     | cps   |
| Thallium   | 203-1 | 75      | 92      | 50      | 72      | 29.04    | cps   |
| Thallium   | 205-1 | 125     | 175     | 192     | 164     | 21.17    | cps   |
| Tin        | 118-1 | 358     | 350     | 325     | 344     | 5.04     | cps   |
| Titanium   | 47-1  | 83      | 42      | 75      | 67      | 33.07    | cps   |
| Uranium    | 238-1 | 67      | 42      | 17      | 42      | 60.00    | cps   |
| Vanadium   | 51-2  | 23      | 40      | 10      | 24      | 61.49    | cps   |
| Yttrium    | 89-1  | 5220811 | 5197241 | 5166752 | 5194935 | 0.52     | cps   |
| Yttrium    | 89-2  | 660756  | 663339  | 663351  | 662482  | 0.23     | cps   |
| Zinc       | 66-2  | 390     | 357     | 373     | 373     | 4.46     | cps   |
| Zirconium  | 90-1  | 317     | 267     | 275     | 286     | 9.36     | cps   |

|                         |                     |                   |                     |
|-------------------------|---------------------|-------------------|---------------------|
| LB Number :             | LB88853             | Operator :        | Jaswal              |
| Lab Sample ID :         | PB100780BS          | Instrumnet Name : | P7                  |
| Client Sample ID :      | PB100780BS          | Dilution Factor : | 1                   |
| Date & Time Acquired :: | 2017-07-19 20:17:29 | DataFile Name :   | 121SMPL_P7071917 -M |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|-----------|------|------|------|------|---------|--------|-------|
| Zirconium | 91-1 | 58   | 125  | 83   | 89      | 37.89  | cps   |

LB Number : LB88853 Operator : Jaswal  
 Lab Sample ID : I4278-01 Instrumnet Name : P7  
 Client Sample ID : DC3126-01-BS-CLB46-V Dilution Factor : 1  
 Date & Time Acquired :: 2017-07-19 20:21:01 DataFile Name : 122SMPL\_P7071917 -M

| Parameter  | Mass  | CPS1    | CPS2    | CPS3    | CPSMean | CPSRSD | Units |
|------------|-------|---------|---------|---------|---------|--------|-------|
| Aluminium  | 27-2  | 558     | 492     | 375     | 475     | 19.54  | cps   |
| Antimony   | 121-1 | 692     | 583     | 558     | 611     | 11.60  | cps   |
| Arsenic    | 75-2  | 69      | 52      | 63      | 61      | 13.89  | cps   |
| Barium     | 135-1 | 28848   | 28772   | 28347   | 28655   | 0.94   | cps   |
| Barium     | 137-1 | 49255   | 48427   | 48962   | 48881   | 0.86   | cps   |
| Beryllium  | 9-1   | 128     | 111     | 139     | 126     | 11.10  | cps   |
| Bismuth    | 209-1 | 5503242 | 5499497 | 5662571 | 5555103 | 1.68   | cps   |
| Bismuth    | 209-2 | 2978299 | 2893808 | 2918935 | 2930347 | 1.48   | cps   |
| Boron      | 10-1  | 1150    | 1317    | 1167    | 1211    | 7.58   | cps   |
| Boron      | 11-1  | 6026    | 6377    | 6418    | 6274    | 3.43   | cps   |
| Cadmium    | 111-1 | 1308    | 1256    | 1439    | 1334    | 7.07   | cps   |
| Cadmium    | 106-1 | 1859    | 1775    | 2067    | 1900    | 7.91   | cps   |
| Cadmium    | 108-1 | 25      | 29      | 29      | 28      | 8.67   | cps   |
| Calcium    | 43-1  | 75660   | 74169   | 73700   | 74510   | 1.37   | cps   |
| Calcium    | 44-1  | 1215280 | 1200494 | 1187409 | 1201061 | 1.16   | cps   |
| Chromium   | 52-2  | 363     | 363     | 370     | 366     | 1.05   | cps   |
| Cobalt     | 59-2  | 240     | 303     | 263     | 269     | 11.91  | cps   |
| Copper     | 63-2  | 346242  | 346288  | 342735  | 345088  | 0.59   | cps   |
| Dysprosium | 156-1 | 25      | 58      | 42      | 42      | 40.00  | cps   |
| Dysprosium | 156-2 | 30      | 20      | 7       | 19      | 61.96  | cps   |
| Erbium     | 164-1 | 117     | 58      | 67      | 81      | 39.16  | cps   |
| Erbium     | 164-2 | 17      | 20      | 17      | 18      | 10.81  | cps   |
| Gadolinium | 160-1 | 67      | 67      | 42      | 58      | 24.74  | cps   |
| Gadolinium | 160-2 | 67      | 60      | 70      | 66      | 7.77   | cps   |
| Holmium    | 165-1 | 8274453 | 8134459 | 8356283 | 8255065 | 1.36   | cps   |
| Holmium    | 165-2 | 3725432 | 3641886 | 3674880 | 3680733 | 1.14   | cps   |
| Indium     | 115-1 | 5803644 | 5714211 | 5822426 | 5780094 | 1.00   | cps   |
| Indium     | 115-2 | 1042518 | 1020953 | 1034679 | 1032716 | 1.06   | cps   |
| Iron       | 56-2  | 33651   | 34065   | 33322   | 33679   | 1.11   | cps   |
| Iron       | 57-2  | 1211    | 1011    | 1156    | 1126    | 9.17   | cps   |
| Lead       | 206-1 | 6096    | 5946    | 6013    | 6018    | 1.25   | cps   |
| Lead       | 207-1 | 5262    | 5407    | 5357    | 5342    | 1.37   | cps   |
| Lead       | 208-1 | 23270   | 23770   | 23436   | 23492   | 1.08   | cps   |
| Lithium    | 6-1   | 808572  | 795626  | 803304  | 802501  | 0.81   | cps   |
| Magnesium  | 24-2  | 106577  | 103683  | 105359  | 105206  | 1.38   | cps   |
| Manganese  | 55-2  | 8216    | 7609    | 7809    | 7878    | 3.93   | cps   |

|                         |                      |                   |                     |
|-------------------------|----------------------|-------------------|---------------------|
| LB Number :             | LB88853              | Operator :        | Jaswal              |
| Lab Sample ID :         | I4278-01             | Instrumnet Name : | P7                  |
| Client Sample ID :      | DC3126-01-BS-CLB46-V | Dilution Factor : | 1                   |
| Date & Time Acquired :: | 2017-07-19 20:21:01  | DataFile Name :   | 122SMPL_P7071917 -M |

| Parameter  | Mass  | CPS1    | CPS2    | CPS3    | CPSMean | CPSRSD  | Units |
|------------|-------|---------|---------|---------|---------|---------|-------|
| Molybdenum | 94-1  | 433     | 425     | 592     | 483     | 19.43   | cps   |
| Molybdenum | 95-1  | 258     | 142     | 142     | 181     | 37.31   | cps   |
| Molybdenum | 96-1  | 233     | 150     | 192     | 192     | 21.74   | cps   |
| Molybdenum | 97-1  | 158     | 50      | 133     | 114     | 49.81   | cps   |
| Molybdenum | 98-1  | 192     | 208     | 217     | 206     | 6.19    | cps   |
| Neodymium  | 150-1 | 47      | 40      | 20      | 36      | 39.03   | cps   |
| Neodymium  | 150-2 | 0       | 17      | 3       | 7       | 132.33  | cps   |
| Nickel     | 60-2  | 2417    | 2394    | 2620    | 2477    | 5.03    | cps   |
| Phosphorus | 31-2  | 1308    | 1142    | 1392    | 1281    | 9.94    | cps   |
| Potassium  | 39-2  | 68567   | 66391   | 66223   | 67061   | 1.95    | cps   |
| Rhodium    | 103-1 | 4956816 | 4915317 | 5007431 | 4959855 | 0.93    | cps   |
| Rhodium    | 103-2 | 2211884 | 2168287 | 2187021 | 2189064 | 1.00    | cps   |
| Scandium   | 45-1  | 2690366 | 2633397 | 2710519 | 2678094 | 1.49    | cps   |
| Scandium   | 45-2  | 115193  | 110981  | 112510  | 112895  | 1.89    | cps   |
| Selenium   | 77-2  | 0       | 0       | 0       | 0       | 0.00    | cps   |
| Selenium   | 78-2  | 33      | 35      | 54      | 41      | 27.64   | cps   |
| Selenium   | 82-1  | -64     | 28      | 45      | 3       | 2063.30 | cps   |
| Silicon    | 28-1  | 3119475 | 3056316 | 3047114 | 3074302 | 1.28    | cps   |
| Silver     | 109-1 | 608     | 700     | 617     | 642     | 7.90    | cps   |
| Silver     | 107-1 | 600     | 750     | 550     | 633     | 16.43   | cps   |
| Sodium     | 23-2  | 1706227 | 1695267 | 1692420 | 1697971 | 0.43    | cps   |
| Strontium  | 86-1  | 35461   | 35670   | 34384   | 35172   | 1.96    | cps   |
| Strontium  | 88-1  | 308082  | 303265  | 298359  | 303235  | 1.60    | cps   |
| Sulfur     | 34-1  | 202718  | 203929  | 201665  | 202771  | 0.56    | cps   |
| Terbium    | 159-1 | 8380277 | 8430394 | 8486137 | 8432269 | 0.63    | cps   |
| Terbium    | 159-2 | 3637389 | 3588038 | 3607662 | 3611030 | 0.69    | cps   |
| Thallium   | 203-1 | 58      | 92      | 117     | 89      | 32.92   | cps   |
| Thallium   | 205-1 | 192     | 267     | 217     | 225     | 16.97   | cps   |
| Tin        | 118-1 | 1500    | 1450    | 1558    | 1503    | 3.61    | cps   |
| Titanium   | 47-1  | 333     | 233     | 325     | 297     | 18.67   | cps   |
| Uranium    | 238-1 | 208     | 267     | 475     | 317     | 44.28   | cps   |
| Vanadium   | 51-2  | 103     | 117     | 90      | 103     | 12.90   | cps   |
| Yttrium    | 89-1  | 5595651 | 5557889 | 5624442 | 5592661 | 0.60    | cps   |
| Yttrium    | 89-2  | 745648  | 730393  | 736558  | 737533  | 1.04    | cps   |
| Zinc       | 66-2  | 140753  | 140790  | 138919  | 140154  | 0.76    | cps   |
| Zirconium  | 90-1  | 1208    | 1150    | 1183    | 1181    | 2.48    | cps   |



|                         |                      |                   |                     |
|-------------------------|----------------------|-------------------|---------------------|
| LB Number :             | LB88853              | Operator :        | Jaswal              |
| Lab Sample ID :         | I4278-01             | Instrumnet Name : | P7                  |
| Client Sample ID :      | DC3126-01-BS-CLB46-V | Dilution Factor : | 1                   |
| Date & Time Acquired :: | 2017-07-19 20:21:01  | DataFile Name :   | 122SMPL_P7071917 -M |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|-----------|------|------|------|------|---------|--------|-------|
| Zirconium | 91-1 | 317  | 300  | 192  | 269     | 25.19  | cps   |

|                         |                      |                   |                     |
|-------------------------|----------------------|-------------------|---------------------|
| LB Number :             | LB88853              | Operator :        | Jaswal              |
| Lab Sample ID :         | I4278-02             | Instrumnet Name : | P7                  |
| Client Sample ID :      | DC3126-02-BS-CLB46-V | Dilution Factor : | 1                   |
| Date & Time Acquired :: | 2017-07-19 20:24:33  | DataFile Name :   | 123SMPL_P7071917 -M |

| Parameter  | Mass  | CPS1    | CPS2    | CPS3    | CPSMean | CPSRSD | Units |
|------------|-------|---------|---------|---------|---------|--------|-------|
| Aluminium  | 27-2  | 692     | 592     | 650     | 644     | 7.80   | cps   |
| Antimony   | 121-1 | 508     | 658     | 417     | 528     | 23.12  | cps   |
| Arsenic    | 75-2  | 57      | 67      | 80      | 68      | 16.44  | cps   |
| Barium     | 135-1 | 27704   | 27653   | 27411   | 27589   | 0.57   | cps   |
| Barium     | 137-1 | 49991   | 48360   | 48260   | 48871   | 1.99   | cps   |
| Beryllium  | 9-1   | 144     | 83      | 133     | 120     | 27.04  | cps   |
| Bismuth    | 209-1 | 5305019 | 5287462 | 5368279 | 5320253 | 0.80   | cps   |
| Bismuth    | 209-2 | 2997565 | 2948135 | 2849310 | 2931670 | 2.57   | cps   |
| Boron      | 10-1  | 1208    | 1117    | 1108    | 1145    | 4.85   | cps   |
| Boron      | 11-1  | 5568    | 5568    | 5735    | 5623    | 1.71   | cps   |
| Cadmium    | 111-1 | 1150    | 1024    | 1408    | 1194    | 16.37  | cps   |
| Cadmium    | 106-1 | 1625    | 1442    | 1984    | 1684    | 16.37  | cps   |
| Cadmium    | 108-1 | 0       | 8       | 8       | 6       | 86.60  | cps   |
| Calcium    | 43-1  | 69313   | 68183   | 67153   | 68216   | 1.58   | cps   |
| Calcium    | 44-1  | 1123258 | 1104893 | 1097675 | 1108609 | 1.19   | cps   |
| Chromium   | 52-2  | 333     | 413     | 397     | 381     | 11.08  | cps   |
| Cobalt     | 59-2  | 203     | 123     | 327     | 218     | 47.04  | cps   |
| Copper     | 63-2  | 363299  | 365290  | 372269  | 366953  | 1.28   | cps   |
| Dysprosium | 156-1 | 50      | 42      | 42      | 44      | 10.82  | cps   |
| Dysprosium | 156-2 | 33      | 23      | 203     | 87      | 116.73 | cps   |
| Erbium     | 164-1 | 92      | 83      | 50      | 75      | 29.40  | cps   |
| Erbium     | 164-2 | 57      | 23      | 127     | 69      | 76.56  | cps   |
| Gadolinium | 160-1 | 50      | 17      | 67      | 44      | 57.28  | cps   |
| Gadolinium | 160-2 | 83      | 97      | 207     | 129     | 52.51  | cps   |
| Holmium    | 165-1 | 7886534 | 7886146 | 7922674 | 7898451 | 0.27   | cps   |
| Holmium    | 165-2 | 3696410 | 3630069 | 3557730 | 3628069 | 1.91   | cps   |
| Indium     | 115-1 | 5485766 | 5469036 | 5493983 | 5482928 | 0.23   | cps   |
| Indium     | 115-2 | 1041011 | 1019823 | 992536  | 1017790 | 2.39   | cps   |
| Iron       | 56-2  | 49827   | 40757   | 49861   | 46815   | 11.21  | cps   |
| Iron       | 57-2  | 1361    | 1228    | 1467    | 1352    | 8.86   | cps   |
| Lead       | 206-1 | 3484    | 3134    | 3173    | 3263    | 5.88   | cps   |
| Lead       | 207-1 | 2811    | 2912    | 2978    | 2900    | 2.89   | cps   |
| Lead       | 208-1 | 13386   | 12686   | 12847   | 12973   | 2.83   | cps   |
| Lithium    | 6-1   | 766856  | 762322  | 774702  | 767960  | 0.82   | cps   |
| Magnesium  | 24-2  | 100881  | 97936   | 103901  | 100906  | 2.96   | cps   |
| Manganese  | 55-2  | 14226   | 11048   | 15879   | 13718   | 17.90  | cps   |

LB Number : LB88853 Operator : Jaswal  
 Lab Sample ID : I4278-02 Instrumnet Name : P7  
 Client Sample ID : DC3126-02-BS-CLB46-V Dilution Factor : 1  
 Date & Time Acquired :: 2017-07-19 20:24:33 DataFile Name : 123SMPL\_P7071917 -M

| Parameter  | Mass  | CPS1    | CPS2    | CPS3    | CPSMean | CPSRSD | Units |
|------------|-------|---------|---------|---------|---------|--------|-------|
| Molybdenum | 94-1  | 350     | 442     | 450     | 414     | 13.41  | cps   |
| Molybdenum | 95-1  | 158     | 125     | 150     | 144     | 12.01  | cps   |
| Molybdenum | 96-1  | 258     | 200     | 192     | 217     | 16.77  | cps   |
| Molybdenum | 97-1  | 108     | 75      | 92      | 92      | 18.18  | cps   |
| Molybdenum | 98-1  | 175     | 225     | 292     | 231     | 25.39  | cps   |
| Neodymium  | 150-1 | 27      | 33      | 47      | 36      | 28.64  | cps   |
| Neodymium  | 150-2 | 27      | 13      | 97      | 46      | 98.26  | cps   |
| Nickel     | 60-2  | 480     | 420     | 490     | 463     | 8.17   | cps   |
| Phosphorus | 31-2  | 1400    | 1150    | 1500    | 1350    | 13.35  | cps   |
| Potassium  | 39-2  | 65838   | 66089   | 66324   | 66084   | 0.37   | cps   |
| Rhodium    | 103-1 | 4743568 | 4681459 | 4728947 | 4717992 | 0.69   | cps   |
| Rhodium    | 103-2 | 2204334 | 2164255 | 2106187 | 2158259 | 2.29   | cps   |
| Scandium   | 45-1  | 2568227 | 2496058 | 2554555 | 2539613 | 1.51   | cps   |
| Scandium   | 45-2  | 114293  | 111982  | 108740  | 111672  | 2.50   | cps   |
| Selenium   | 77-2  | 0       | 0       | 0       | 0       | 0.00   | cps   |
| Selenium   | 78-2  | 50      | 39      | 52      | 47      | 14.94  | cps   |
| Selenium   | 82-1  | -24     | 60      | 45      | 27      | 166.91 | cps   |
| Silicon    | 28-1  | 2701002 | 2655856 | 2650692 | 2669183 | 1.04   | cps   |
| Silver     | 109-1 | 600     | 575     | 617     | 597     | 3.51   | cps   |
| Silver     | 107-1 | 792     | 533     | 517     | 614     | 25.12  | cps   |
| Sodium     | 23-2  | 1702565 | 1670578 | 1751396 | 1708180 | 2.38   | cps   |
| Strontium  | 86-1  | 32095   | 31903   | 32354   | 32117   | 0.70   | cps   |
| Strontium  | 88-1  | 280644  | 280304  | 280100  | 280349  | 0.10   | cps   |
| Sulfur     | 34-1  | 197122  | 197393  | 193744  | 196087  | 1.04   | cps   |
| Terbium    | 159-1 | 8043739 | 8019584 | 8117835 | 8060386 | 0.64   | cps   |
| Terbium    | 159-2 | 3612602 | 3547189 | 3469759 | 3543183 | 2.02   | cps   |
| Thallium   | 203-1 | 108     | 25      | 58      | 64      | 65.65  | cps   |
| Thallium   | 205-1 | 167     | 217     | 208     | 197     | 13.59  | cps   |
| Tin        | 118-1 | 717     | 667     | 717     | 700     | 4.12   | cps   |
| Titanium   | 47-1  | 300     | 342     | 267     | 303     | 12.41  | cps   |
| Uranium    | 238-1 | 233     | 192     | 233     | 219     | 10.96  | cps   |
| Vanadium   | 51-2  | 130     | 87      | 133     | 117     | 22.31  | cps   |
| Yttrium    | 89-1  | 5342083 | 5282063 | 5350248 | 5324798 | 0.70   | cps   |
| Yttrium    | 89-2  | 739598  | 727112  | 719979  | 728896  | 1.36   | cps   |
| Zinc       | 66-2  | 4521    | 4457    | 5164    | 4714    | 8.30   | cps   |
| Zirconium  | 90-1  | 908     | 942     | 1008    | 953     | 5.34   | cps   |

|                         |                      |                   |                     |
|-------------------------|----------------------|-------------------|---------------------|
| LB Number :             | LB88853              | Operator :        | Jaswal              |
| Lab Sample ID :         | I4278-02             | Instrumnet Name : | P7                  |
| Client Sample ID :      | DC3126-02-BS-CLB46-V | Dilution Factor : | 1                   |
| Date & Time Acquired :: | 2017-07-19 20:24:33  | DataFile Name :   | 123SMPL_P7071917 -M |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|-----------|------|------|------|------|---------|--------|-------|
| Zirconium | 91-1 | 192  | 250  | 192  | 211     | 15.95  | cps   |

LB Number : LB88853 Operator : Jaswal  
 Lab Sample ID : I4278-03 Instrumnet Name : P7  
 Client Sample ID : DC3126-03-BS-CLB46-V Dilution Factor : 1  
 Date & Time Acquired :: 2017-07-19 20:28:05 DataFile Name : 124SMPL\_P7071917 -M

| Parameter  | Mass  | CPS1    | CPS2    | CPS3    | CPSMean | CPSRSD | Units |
|------------|-------|---------|---------|---------|---------|--------|-------|
| Aluminium  | 27-2  | 400     | 383     | 843     | 542     | 48.06  | cps   |
| Antimony   | 121-1 | 592     | 558     | 558     | 569     | 3.38   | cps   |
| Arsenic    | 75-2  | 54      | 44      | 54      | 51      | 10.56  | cps   |
| Barium     | 135-1 | 28547   | 26910   | 26752   | 27403   | 3.63   | cps   |
| Barium     | 137-1 | 48277   | 47775   | 46880   | 47644   | 1.48   | cps   |
| Beryllium  | 9-1   | 128     | 156     | 156     | 146     | 10.96  | cps   |
| Bismuth    | 209-1 | 5809946 | 5770396 | 5644729 | 5741690 | 1.50   | cps   |
| Bismuth    | 209-2 | 2849309 | 2934784 | 2853415 | 2879169 | 1.67   | cps   |
| Boron      | 10-1  | 1192    | 1350    | 925     | 1156    | 18.59  | cps   |
| Boron      | 11-1  | 5309    | 5885    | 5168    | 5454    | 6.96   | cps   |
| Cadmium    | 111-1 | 1221    | 1309    | 1302    | 1277    | 3.81   | cps   |
| Cadmium    | 106-1 | 1700    | 1842    | 1900    | 1814    | 5.67   | cps   |
| Cadmium    | 108-1 | 21      | 38      | 100     | 53      | 79.08  | cps   |
| Calcium    | 43-1  | 73508   | 73291   | 72101   | 72967   | 1.04   | cps   |
| Calcium    | 44-1  | 1190049 | 1171151 | 1160194 | 1173798 | 1.29   | cps   |
| Chromium   | 52-2  | 287     | 253     | 323     | 288     | 12.17  | cps   |
| Cobalt     | 59-2  | 540     | 533     | 517     | 530     | 2.27   | cps   |
| Copper     | 63-2  | 328573  | 329609  | 328707  | 328963  | 0.17   | cps   |
| Dysprosium | 156-1 | 50      | 50      | 8       | 36      | 66.62  | cps   |
| Dysprosium | 156-2 | 10      | 3       | 10      | 8       | 49.52  | cps   |
| Erbium     | 164-1 | 58      | 25      | 42      | 42      | 40.00  | cps   |
| Erbium     | 164-2 | 20      | 27      | 17      | 21      | 24.12  | cps   |
| Gadolinium | 160-1 | 33      | 83      | 50      | 56      | 45.83  | cps   |
| Gadolinium | 160-2 | 80      | 77      | 67      | 74      | 9.32   | cps   |
| Holmium    | 165-1 | 8558713 | 8543162 | 8434963 | 8512279 | 0.79   | cps   |
| Holmium    | 165-2 | 3603163 | 3635709 | 3554127 | 3597666 | 1.14   | cps   |
| Indium     | 115-1 | 5922487 | 5923094 | 5757766 | 5867782 | 1.62   | cps   |
| Indium     | 115-2 | 1006623 | 1023134 | 1000880 | 1010212 | 1.14   | cps   |
| Iron       | 56-2  | 31960   | 29375   | 28968   | 30101   | 5.39   | cps   |
| Iron       | 57-2  | 789     | 900     | 1061    | 917     | 14.93  | cps   |
| Lead       | 206-1 | 11238   | 11199   | 10938   | 11125   | 1.47   | cps   |
| Lead       | 207-1 | 9359    | 9809    | 9431    | 9533    | 2.54   | cps   |
| Lead       | 208-1 | 43952   | 44619   | 43167   | 43913   | 1.65   | cps   |
| Lithium    | 6-1   | 819263  | 812918  | 797146  | 809776  | 1.41   | cps   |
| Magnesium  | 24-2  | 103145  | 102098  | 103657  | 102966  | 0.77   | cps   |
| Manganese  | 55-2  | 6468    | 6925    | 6675    | 6689    | 3.42   | cps   |

LB Number : LB88853 Operator : Jaswal  
 Lab Sample ID : I4278-03 Instrumnet Name : P7  
 Client Sample ID : DC3126-03-BS-CLB46-V Dilution Factor : 1  
 Date & Time Acquired :: 2017-07-19 20:28:05 DataFile Name : 124SMPL\_P7071917 -M

| Parameter  | Mass  | CPS1    | CPS2    | CPS3    | CPSMean | CPSRSD  | Units |
|------------|-------|---------|---------|---------|---------|---------|-------|
| Molybdenum | 94-1  | 400     | 400     | 425     | 408     | 3.53    | cps   |
| Molybdenum | 95-1  | 142     | 100     | 108     | 117     | 18.89   | cps   |
| Molybdenum | 96-1  | 250     | 217     | 175     | 214     | 17.57   | cps   |
| Molybdenum | 97-1  | 117     | 83      | 125     | 108     | 20.35   | cps   |
| Molybdenum | 98-1  | 208     | 233     | 192     | 211     | 9.93    | cps   |
| Neodymium  | 150-1 | 13      | 40      | 20      | 24      | 56.78   | cps   |
| Neodymium  | 150-2 | 7       | 10      | 13      | 10      | 33.30   | cps   |
| Nickel     | 60-2  | 9350    | 9130    | 8943    | 9141    | 2.23    | cps   |
| Phosphorus | 31-2  | 1150    | 1200    | 1075    | 1142    | 5.51    | cps   |
| Potassium  | 39-2  | 64868   | 64616   | 65906   | 65130   | 1.05    | cps   |
| Rhodium    | 103-1 | 5083401 | 5062747 | 4948768 | 5031639 | 1.44    | cps   |
| Rhodium    | 103-2 | 2125072 | 2156693 | 2115328 | 2132364 | 1.01    | cps   |
| Scandium   | 45-1  | 2746805 | 2746736 | 2689936 | 2727826 | 1.20    | cps   |
| Scandium   | 45-2  | 109071  | 112573  | 111033  | 110892  | 1.58    | cps   |
| Selenium   | 77-2  | 3       | 0       | 3       | 2       | 86.60   | cps   |
| Selenium   | 78-2  | 30      | 48      | 52      | 43      | 27.55   | cps   |
| Selenium   | 82-1  | -34     | 41      | -1      | 2       | 1738.85 | cps   |
| Silicon    | 28-1  | 3046543 | 3027259 | 2992609 | 3022137 | 0.90    | cps   |
| Silver     | 109-1 | 533     | 517     | 658     | 569     | 13.60   | cps   |
| Silver     | 107-1 | 550     | 533     | 508     | 531     | 3.95    | cps   |
| Sodium     | 23-2  | 1666293 | 1657013 | 1660540 | 1661282 | 0.28    | cps   |
| Strontium  | 86-1  | 34860   | 34768   | 33382   | 34337   | 2.41    | cps   |
| Strontium  | 88-1  | 301729  | 299486  | 293867  | 298361  | 1.36    | cps   |
| Sulfur     | 34-1  | 195178  | 194808  | 195626  | 195204  | 0.21    | cps   |
| Terbium    | 159-1 | 8752457 | 8724009 | 8437822 | 8638096 | 2.01    | cps   |
| Terbium    | 159-2 | 3513718 | 3580514 | 3512803 | 3535678 | 1.10    | cps   |
| Thallium   | 203-1 | 67      | 92      | 108     | 89      | 23.59   | cps   |
| Thallium   | 205-1 | 225     | 292     | 267     | 261     | 12.90   | cps   |
| Tin        | 118-1 | 5885    | 6085    | 5943    | 5971    | 1.72    | cps   |
| Titanium   | 47-1  | 300     | 250     | 242     | 264     | 11.96   | cps   |
| Uranium    | 238-1 | 208     | 267     | 200     | 225     | 16.14   | cps   |
| Vanadium   | 51-2  | 80      | 83      | 103     | 89      | 14.20   | cps   |
| Yttrium    | 89-1  | 5728213 | 5706045 | 5580388 | 5671549 | 1.41    | cps   |
| Yttrium    | 89-2  | 718072  | 730688  | 716466  | 721742  | 1.08    | cps   |
| Zinc       | 66-2  | 183372  | 185191  | 184462  | 184341  | 0.50    | cps   |
| Zirconium  | 90-1  | 875     | 1008    | 658     | 847     | 20.85   | cps   |

|                         |                      |                   |                     |
|-------------------------|----------------------|-------------------|---------------------|
| LB Number :             | LB88853              | Operator :        | Jaswal              |
| Lab Sample ID :         | I4278-03             | Instrumnet Name : | P7                  |
| Client Sample ID :      | DC3126-03-BS-CLB46-V | Dilution Factor : | 1                   |
| Date & Time Acquired :: | 2017-07-19 20:28:05  | DataFile Name :   | 124SMPL_P7071917 -M |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|-----------|------|------|------|------|---------|--------|-------|
| Zirconium | 91-1 | 217  | 333  | 233  | 261     | 24.17  | cps   |

|                         |                      |                   |                     |
|-------------------------|----------------------|-------------------|---------------------|
| LB Number :             | LB88853              | Operator :        | Jaswal              |
| Lab Sample ID :         | I4278-04             | Instrumnet Name : | P7                  |
| Client Sample ID :      | DC3126-04-BS-CLB46-V | Dilution Factor : | 1                   |
| Date & Time Acquired :: | 2017-07-19 20:31:36  | DataFile Name :   | 125SMPL_P7071917 -M |

| Parameter  | Mass  | CPS1    | CPS2    | CPS3    | CPSMean | CPSRSD | Units |
|------------|-------|---------|---------|---------|---------|--------|-------|
| Aluminium  | 27-2  | 542     | 567     | 633     | 581     | 8.17   | cps   |
| Antimony   | 121-1 | 508     | 458     | 458     | 475     | 6.08   | cps   |
| Arsenic    | 75-2  | 48      | 57      | 93      | 66      | 35.50  | cps   |
| Barium     | 135-1 | 30033   | 30301   | 29390   | 29908   | 1.56   | cps   |
| Barium     | 137-1 | 52325   | 51973   | 52751   | 52349   | 0.74   | cps   |
| Beryllium  | 9-1   | 161     | 83      | 72      | 106     | 45.89  | cps   |
| Bismuth    | 209-1 | 5909364 | 5865093 | 5780190 | 5851549 | 1.12   | cps   |
| Bismuth    | 209-2 | 3094825 | 3063206 | 3115163 | 3091065 | 0.85   | cps   |
| Boron      | 10-1  | 1083    | 1008    | 1150    | 1081    | 6.56   | cps   |
| Boron      | 11-1  | 5234    | 4693    | 4734    | 4887    | 6.17   | cps   |
| Cadmium    | 111-1 | 1264    | 1195    | 1421    | 1293    | 8.95   | cps   |
| Cadmium    | 106-1 | 1800    | 1692    | 2000    | 1831    | 8.55   | cps   |
| Cadmium    | 108-1 | 13      | 8       | 0       | 7       | 91.66  | cps   |
| Calcium    | 43-1  | 71816   | 72537   | 72453   | 72269   | 0.55   | cps   |
| Calcium    | 44-1  | 1205442 | 1191317 | 1175505 | 1190755 | 1.26   | cps   |
| Chromium   | 52-2  | 347     | 360     | 390     | 366     | 6.07   | cps   |
| Cobalt     | 59-2  | 103     | 93      | 117     | 104     | 11.21  | cps   |
| Copper     | 63-2  | 355846  | 353547  | 349277  | 352890  | 0.94   | cps   |
| Dysprosium | 156-1 | 58      | 75      | 33      | 56      | 37.75  | cps   |
| Dysprosium | 156-2 | 7       | 27      | 23      | 19      | 56.72  | cps   |
| Erbium     | 164-1 | 75      | 42      | 92      | 69      | 36.66  | cps   |
| Erbium     | 164-2 | 40      | 30      | 27      | 32      | 21.53  | cps   |
| Gadolinium | 160-1 | 108     | 75      | 58      | 81      | 31.60  | cps   |
| Gadolinium | 160-2 | 90      | 97      | 103     | 97      | 6.90   | cps   |
| Holmium    | 165-1 | 8792892 | 8695551 | 8590712 | 8693051 | 1.16   | cps   |
| Holmium    | 165-2 | 3873583 | 3884738 | 3865697 | 3874673 | 0.25   | cps   |
| Indium     | 115-1 | 6071463 | 6029450 | 5987658 | 6029524 | 0.69   | cps   |
| Indium     | 115-2 | 1079253 | 1071187 | 1086573 | 1079004 | 0.71   | cps   |
| Iron       | 56-2  | 43684   | 45098   | 44399   | 44394   | 1.59   | cps   |
| Iron       | 57-2  | 1267    | 1250    | 1361    | 1293    | 4.64   | cps   |
| Lead       | 206-1 | 4957    | 4657    | 4868    | 4827    | 3.19   | cps   |
| Lead       | 207-1 | 4140    | 4062    | 4445    | 4216    | 4.81   | cps   |
| Lead       | 208-1 | 19362   | 18517   | 19645   | 19175   | 3.06   | cps   |
| Lithium    | 6-1   | 830222  | 821072  | 818171  | 823155  | 0.76   | cps   |
| Magnesium  | 24-2  | 104571  | 104764  | 104227  | 104521  | 0.26   | cps   |
| Manganese  | 55-2  | 11248   | 11291   | 11214   | 11251   | 0.34   | cps   |



|                         |                      |                   |                     |
|-------------------------|----------------------|-------------------|---------------------|
| LB Number :             | LB88853              | Operator :        | Jaswal              |
| Lab Sample ID :         | I4278-04             | Instrumnet Name : | P7                  |
| Client Sample ID :      | DC3126-04-BS-CLB46-V | Dilution Factor : | 1                   |
| Date & Time Acquired :: | 2017-07-19 20:31:36  | DataFile Name :   | 125SMPL_P7071917 -M |

| Parameter  | Mass  | CPS1    | CPS2    | CPS3    | CPSMean | CPSRSD | Units |
|------------|-------|---------|---------|---------|---------|--------|-------|
| Molybdenum | 94-1  | 450     | 425     | 383     | 419     | 8.03   | cps   |
| Molybdenum | 95-1  | 142     | 142     | 183     | 156     | 15.47  | cps   |
| Molybdenum | 96-1  | 167     | 150     | 233     | 183     | 24.05  | cps   |
| Molybdenum | 97-1  | 108     | 100     | 133     | 114     | 15.23  | cps   |
| Molybdenum | 98-1  | 275     | 225     | 208     | 236     | 14.69  | cps   |
| Neodymium  | 150-1 | 60      | 20      | 33      | 38      | 53.92  | cps   |
| Neodymium  | 150-2 | 13      | 3       | 10      | 9       | 57.30  | cps   |
| Nickel     | 60-2  | 593     | 540     | 483     | 539     | 10.21  | cps   |
| Phosphorus | 31-2  | 1250    | 1342    | 1183    | 1258    | 6.32   | cps   |
| Potassium  | 39-2  | 68140   | 68115   | 67689   | 67981   | 0.37   | cps   |
| Rhodium    | 103-1 | 5206255 | 5176346 | 5121709 | 5168104 | 0.83   | cps   |
| Rhodium    | 103-2 | 2287145 | 2278583 | 2296518 | 2287415 | 0.39   | cps   |
| Scandium   | 45-1  | 2803895 | 2785987 | 2768664 | 2786182 | 0.63   | cps   |
| Scandium   | 45-2  | 117771  | 118566  | 118973  | 118436  | 0.52   | cps   |
| Selenium   | 77-2  | 3       | 7       | 0       | 3       | 100.05 | cps   |
| Selenium   | 78-2  | 37      | 52      | 33      | 41      | 24.05  | cps   |
| Selenium   | 82-1  | 34      | -2      | 20      | 17      | 107.62 | cps   |
| Silicon    | 28-1  | 2862185 | 2817948 | 2837314 | 2839149 | 0.78   | cps   |
| Silver     | 109-1 | 475     | 567     | 625     | 556     | 13.61  | cps   |
| Silver     | 107-1 | 475     | 558     | 583     | 539     | 10.53  | cps   |
| Sodium     | 23-2  | 1771000 | 1763012 | 1764582 | 1766198 | 0.24   | cps   |
| Strontium  | 86-1  | 34943   | 35520   | 33723   | 34729   | 2.64   | cps   |
| Strontium  | 88-1  | 305283  | 297050  | 298854  | 300396  | 1.44   | cps   |
| Sulfur     | 34-1  | 196615  | 195728  | 194192  | 195512  | 0.63   | cps   |
| Terbium    | 159-1 | 8892348 | 8869990 | 8848594 | 8870311 | 0.25   | cps   |
| Terbium    | 159-2 | 3770674 | 3776197 | 3786803 | 3777891 | 0.22   | cps   |
| Thallium   | 203-1 | 108     | 58      | 58      | 75      | 38.49  | cps   |
| Thallium   | 205-1 | 267     | 192     | 242     | 233     | 16.37  | cps   |
| Tin        | 118-1 | 792     | 575     | 567     | 644     | 19.79  | cps   |
| Titanium   | 47-1  | 567     | 2651    | 508     | 1242    | 98.25  | cps   |
| Uranium    | 238-1 | 267     | 292     | 292     | 283     | 5.09   | cps   |
| Vanadium   | 51-2  | 93      | 120     | 53      | 89      | 37.75  | cps   |
| Yttrium    | 89-1  | 5834535 | 5803921 | 5743839 | 5794098 | 0.80   | cps   |
| Yttrium    | 89-2  | 768709  | 769230  | 774601  | 770847  | 0.42   | cps   |
| Zinc       | 66-2  | 6178    | 6018    | 6201    | 6132    | 1.63   | cps   |
| Zirconium  | 90-1  | 842     | 917     | 925     | 895     | 5.13   | cps   |

|                         |                      |                   |                     |
|-------------------------|----------------------|-------------------|---------------------|
| LB Number :             | LB88853              | Operator :        | Jaswal              |
| Lab Sample ID :         | I4278-04             | Instrumnet Name : | P7                  |
| Client Sample ID :      | DC3126-04-BS-CLB46-V | Dilution Factor : | 1                   |
| Date & Time Acquired :: | 2017-07-19 20:31:36  | DataFile Name :   | 125SMPL_P7071917 -M |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|-----------|------|------|------|------|---------|--------|-------|
| Zirconium | 91-1 | 208  | 117  | 200  | 175     | 28.97  | cps   |

LB Number : LB88853 Operator : Jaswal  
 Lab Sample ID : I4278-05 Instrumnet Name : P7  
 Client Sample ID : DC3126-05-BS-CLB46-V Dilution Factor : 1  
 Date & Time Acquired :: 2017-07-19 20:35:07 DataFile Name : 126SMPL\_P7071917 -M

| Parameter  | Mass  | CPS1    | CPS2    | CPS3    | CPSMean | CPSRSD | Units |
|------------|-------|---------|---------|---------|---------|--------|-------|
| Aluminium  | 27-2  | 42      | 58      | 142     | 81      | 66.50  | cps   |
| Antimony   | 121-1 | 158     | 208     | 108     | 158     | 31.58  | cps   |
| Arsenic    | 75-2  | 7       | 7       | 6       | 7       | 15.72  | cps   |
| Barium     | 135-1 | 242     | 158     | 233     | 211     | 21.74  | cps   |
| Barium     | 137-1 | 317     | 375     | 333     | 342     | 8.79   | cps   |
| Beryllium  | 9-1   | 39      | 94      | 111     | 81      | 46.41  | cps   |
| Bismuth    | 209-1 | 5826378 | 5833453 | 5666247 | 5775359 | 1.64   | cps   |
| Bismuth    | 209-2 | 3045103 | 3048117 | 2993305 | 3028842 | 1.02   | cps   |
| Boron      | 10-1  | 883     | 942     | 908     | 911     | 3.21   | cps   |
| Boron      | 11-1  | 4876    | 5243    | 5309    | 5143    | 4.54   | cps   |
| Cadmium    | 111-1 | 1216    | 1225    | 1142    | 1194    | 3.82   | cps   |
| Cadmium    | 106-1 | 1717    | 1759    | 1642    | 1706    | 3.47   | cps   |
| Cadmium    | 108-1 | 4       | 8       | 17      | 10      | 65.47  | cps   |
| Calcium    | 43-1  | 108655  | 108596  | 108647  | 108633  | 0.03   | cps   |
| Calcium    | 44-1  | 1794052 | 1778444 | 1766106 | 1779534 | 0.79   | cps   |
| Chromium   | 52-2  | 387     | 343     | 330     | 353     | 8.39   | cps   |
| Cobalt     | 59-2  | 47      | 63      | 50      | 53      | 16.53  | cps   |
| Copper     | 63-2  | 1523    | 1513    | 1437    | 1491    | 3.18   | cps   |
| Dysprosium | 156-1 | 17      | 0       | 8       | 8       | 100.02 | cps   |
| Dysprosium | 156-2 | 3       | 0       | 3       | 2       | 86.60  | cps   |
| Erbium     | 164-1 | 33      | 25      | 42      | 33      | 25.01  | cps   |
| Erbium     | 164-2 | 17      | 13      | 17      | 16      | 12.40  | cps   |
| Gadolinium | 160-1 | 42      | 42      | 42      | 42      | 0.00   | cps   |
| Gadolinium | 160-2 | 60      | 60      | 83      | 68      | 19.88  | cps   |
| Holmium    | 165-1 | 8662611 | 8659369 | 8469636 | 8597205 | 1.29   | cps   |
| Holmium    | 165-2 | 3791042 | 3850859 | 3758211 | 3800038 | 1.24   | cps   |
| Indium     | 115-1 | 6062316 | 6014255 | 5890310 | 5988960 | 1.48   | cps   |
| Indium     | 115-2 | 1067428 | 1076433 | 1047049 | 1063637 | 1.42   | cps   |
| Iron       | 56-2  | 4306    | 3828    | 4028    | 4054    | 5.92   | cps   |
| Iron       | 57-2  | 439     | 400     | 350     | 396     | 11.24  | cps   |
| Lead       | 206-1 | 1072    | 1045    | 956     | 1024    | 5.95   | cps   |
| Lead       | 207-1 | 889     | 906     | 967     | 920     | 4.45   | cps   |
| Lead       | 208-1 | 4195    | 4167    | 4128    | 4163    | 0.80   | cps   |
| Lithium    | 6-1   | 824845  | 818197  | 811702  | 818248  | 0.80   | cps   |
| Magnesium  | 24-2  | 286463  | 285638  | 286598  | 286233  | 0.18   | cps   |
| Manganese  | 55-2  | 540     | 517     | 540     | 532     | 2.53   | cps   |

|                         |                      |                   |                     |
|-------------------------|----------------------|-------------------|---------------------|
| LB Number :             | LB88853              | Operator :        | Jaswal              |
| Lab Sample ID :         | I4278-05             | Instrumnet Name : | P7                  |
| Client Sample ID :      | DC3126-05-BS-CLB46-V | Dilution Factor : | 1                   |
| Date & Time Acquired :: | 2017-07-19 20:35:07  | DataFile Name :   | 126SMPL_P7071917 -M |

| Parameter  | Mass  | CPS1    | CPS2    | CPS3    | CPSMean | CPSRSD | Units |
|------------|-------|---------|---------|---------|---------|--------|-------|
| Molybdenum | 94-1  | 167     | 100     | 150     | 139     | 24.98  | cps   |
| Molybdenum | 95-1  | 25      | 50      | 33      | 36      | 35.25  | cps   |
| Molybdenum | 96-1  | 42      | 92      | 58      | 64      | 39.85  | cps   |
| Molybdenum | 97-1  | 25      | 17      | 50      | 31      | 56.77  | cps   |
| Molybdenum | 98-1  | 75      | 83      | 117     | 92      | 24.05  | cps   |
| Neodymium  | 150-1 | 0       | 7       | 7       | 4       | 86.60  | cps   |
| Neodymium  | 150-2 | 3       | 0       | 3       | 2       | 86.60  | cps   |
| Nickel     | 60-2  | 213     | 230     | 217     | 220     | 4.01   | cps   |
| Phosphorus | 31-2  | 25      | 58      | 117     | 67      | 69.60  | cps   |
| Potassium  | 39-2  | 20365   | 20590   | 20415   | 20456   | 0.58   | cps   |
| Rhodium    | 103-1 | 5196162 | 5181380 | 5043707 | 5140416 | 1.64   | cps   |
| Rhodium    | 103-2 | 2247344 | 2276665 | 2230168 | 2251392 | 1.04   | cps   |
| Scandium   | 45-1  | 2790979 | 2787289 | 2719001 | 2765757 | 1.47   | cps   |
| Scandium   | 45-2  | 119810  | 118178  | 114847  | 117612  | 2.15   | cps   |
| Selenium   | 77-2  | 0       | 0       | 0       | 0       | 0.00   | cps   |
| Selenium   | 78-2  | 39      | 56      | 44      | 46      | 18.34  | cps   |
| Selenium   | 82-1  | 31      | 22      | 2       | 18      | 81.56  | cps   |
| Silicon    | 28-1  | 231125  | 233718  | 233774  | 232873  | 0.65   | cps   |
| Silver     | 109-1 | 242     | 525     | 450     | 406     | 36.20  | cps   |
| Silver     | 107-1 | 350     | 550     | 367     | 422     | 26.28  | cps   |
| Sodium     | 23-2  | 1070168 | 1068255 | 1070634 | 1069686 | 0.12   | cps   |
| Strontium  | 86-1  | 3309    | 3459    | 3401    | 3389    | 2.23   | cps   |
| Strontium  | 88-1  | 23987   | 24113   | 24730   | 24277   | 1.64   | cps   |
| Sulfur     | 34-1  | 254477  | 254421  | 254217  | 254371  | 0.05   | cps   |
| Terbium    | 159-1 | 8856727 | 8878932 | 8670681 | 8802113 | 1.30   | cps   |
| Terbium    | 159-2 | 3718965 | 3776473 | 3676555 | 3723998 | 1.35   | cps   |
| Thallium   | 203-1 | 75      | 75      | 50      | 67      | 21.65  | cps   |
| Thallium   | 205-1 | 200     | 175     | 183     | 186     | 6.84   | cps   |
| Tin        | 118-1 | 333     | 308     | 333     | 325     | 4.44   | cps   |
| Titanium   | 47-1  | 50      | 58      | 33      | 47      | 26.97  | cps   |
| Uranium    | 238-1 | 83      | 33      | 58      | 58      | 42.86  | cps   |
| Vanadium   | 51-2  | 27      | 23      | 10      | 20      | 44.10  | cps   |
| Yttrium    | 89-1  | 5772242 | 5795596 | 5699841 | 5755893 | 0.87   | cps   |
| Yttrium    | 89-2  | 758665  | 774131  | 757962  | 763586  | 1.20   | cps   |
| Zinc       | 66-2  | 377     | 320     | 360     | 352     | 8.27   | cps   |
| Zirconium  | 90-1  | 175     | 350     | 275     | 267     | 32.92  | cps   |

|                         |                      |                   |                     |
|-------------------------|----------------------|-------------------|---------------------|
| LB Number :             | LB88853              | Operator :        | Jaswal              |
| Lab Sample ID :         | I4278-05             | Instrumnet Name : | P7                  |
| Client Sample ID :      | DC3126-05-BS-CLB46-V | Dilution Factor : | 1                   |
| Date & Time Acquired :: | 2017-07-19 20:35:07  | DataFile Name :   | 126SMPL_P7071917 -M |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|-----------|------|------|------|------|---------|--------|-------|
| Zirconium | 91-1 | 33   | 83   | 75   | 64      | 41.93  | cps   |

LB Number : LB88853 Operator : Jaswal  
 Lab Sample ID : I4278-06 Instrumnet Name : P7  
 Client Sample ID : DC3126-06-BS-CLB46-V Dilution Factor : 1  
 Date & Time Acquired :: 2017-07-19 20:38:38 DataFile Name : 127SMPL\_P7071917 -M

| Parameter  | Mass  | CPS1    | CPS2    | CPS3    | CPSMean | CPSRSD | Units |
|------------|-------|---------|---------|---------|---------|--------|-------|
| Aluminium  | 27-2  | 92      | 100     | 75      | 89      | 14.32  | cps   |
| Antimony   | 121-1 | 100     | 150     | 133     | 128     | 19.92  | cps   |
| Arsenic    | 75-2  | 2       | 4       | 7       | 4       | 65.54  | cps   |
| Barium     | 135-1 | 217     | 183     | 217     | 206     | 9.36   | cps   |
| Barium     | 137-1 | 292     | 375     | 275     | 314     | 17.07  | cps   |
| Beryllium  | 9-1   | 150     | 83      | 94      | 109     | 32.69  | cps   |
| Bismuth    | 209-1 | 5619693 | 5719912 | 5637789 | 5659131 | 0.94   | cps   |
| Bismuth    | 209-2 | 2990564 | 3058104 | 3068287 | 3038985 | 1.39   | cps   |
| Boron      | 10-1  | 1150    | 925     | 1183    | 1086    | 12.94  | cps   |
| Boron      | 11-1  | 5234    | 5510    | 4984    | 5243    | 5.01   | cps   |
| Cadmium    | 111-1 | 1238    | 1374    | 1215    | 1275    | 6.72   | cps   |
| Cadmium    | 106-1 | 1767    | 1959    | 1734    | 1820    | 6.68   | cps   |
| Cadmium    | 108-1 | 4       | 8       | 4       | 6       | 43.22  | cps   |
| Calcium    | 43-1  | 108529  | 107296  | 108286  | 108037  | 0.60   | cps   |
| Calcium    | 44-1  | 1774095 | 1750222 | 1734794 | 1753037 | 1.13   | cps   |
| Chromium   | 52-2  | 280     | 297     | 257     | 278     | 7.23   | cps   |
| Cobalt     | 59-2  | 77      | 50      | 60      | 62      | 21.65  | cps   |
| Copper     | 63-2  | 1497    | 1300    | 1307    | 1368    | 8.17   | cps   |
| Dysprosium | 156-1 | 8       | 0       | 8       | 6       | 86.60  | cps   |
| Dysprosium | 156-2 | 0       | 7       | 3       | 3       | 100.05 | cps   |
| Erbium     | 164-1 | 50      | 33      | 25      | 36      | 35.25  | cps   |
| Erbium     | 164-2 | 7       | 17      | 13      | 12      | 41.65  | cps   |
| Gadolinium | 160-1 | 17      | 8       | 42      | 22      | 78.07  | cps   |
| Gadolinium | 160-2 | 60      | 63      | 67      | 63      | 5.27   | cps   |
| Holmium    | 165-1 | 8518048 | 8437232 | 8413332 | 8456204 | 0.65   | cps   |
| Holmium    | 165-2 | 3743379 | 3821075 | 3802921 | 3789125 | 1.07   | cps   |
| Indium     | 115-1 | 5868140 | 5895812 | 5780241 | 5848064 | 1.03   | cps   |
| Indium     | 115-2 | 1060471 | 1066909 | 1064194 | 1063858 | 0.30   | cps   |
| Iron       | 56-2  | 4190    | 4417    | 4367    | 4325    | 2.77   | cps   |
| Iron       | 57-2  | 428     | 289     | 433     | 383     | 21.35  | cps   |
| Lead       | 206-1 | 917     | 1067    | 1028    | 1004    | 7.76   | cps   |
| Lead       | 207-1 | 995     | 961     | 1006    | 987     | 2.34   | cps   |
| Lead       | 208-1 | 4139    | 4228    | 4117    | 4161    | 1.41   | cps   |
| Lithium    | 6-1   | 816978  | 813722  | 800367  | 810356  | 1.09   | cps   |
| Magnesium  | 24-2  | 287122  | 283782  | 285565  | 285489  | 0.59   | cps   |
| Manganese  | 55-2  | 527     | 527     | 537     | 530     | 1.09   | cps   |

LB Number : LB88853 Operator : Jaswal  
 Lab Sample ID : I4278-06 Instrumnet Name : P7  
 Client Sample ID : DC3126-06-BS-CLB46-V Dilution Factor : 1  
 Date & Time Acquired :: 2017-07-19 20:38:38 DataFile Name : 127SMPL\_P7071917 -M

| Parameter  | Mass  | CPS1    | CPS2    | CPS3    | CPSMean | CPSRSD  | Units |
|------------|-------|---------|---------|---------|---------|---------|-------|
| Molybdenum | 94-1  | 125     | 142     | 133     | 133     | 6.25    | cps   |
| Molybdenum | 95-1  | 67      | 58      | 33      | 53      | 32.88   | cps   |
| Molybdenum | 96-1  | 50      | 108     | 67      | 75      | 40.06   | cps   |
| Molybdenum | 97-1  | 50      | 50      | 67      | 56      | 17.32   | cps   |
| Molybdenum | 98-1  | 67      | 50      | 67      | 61      | 15.75   | cps   |
| Neodymium  | 150-1 | 0       | 7       | 0       | 2       | 173.21  | cps   |
| Neodymium  | 150-2 | 0       | 0       | 0       | 0       | 0.00    | cps   |
| Nickel     | 60-2  | 173     | 123     | 240     | 179     | 32.72   | cps   |
| Phosphorus | 31-2  | 75      | 67      | 100     | 81      | 21.53   | cps   |
| Potassium  | 39-2  | 20623   | 20406   | 21358   | 20796   | 2.40    | cps   |
| Rhodium    | 103-1 | 5072661 | 5059638 | 4968435 | 5033578 | 1.13    | cps   |
| Rhodium    | 103-2 | 2243492 | 2255809 | 2258231 | 2252511 | 0.35    | cps   |
| Scandium   | 45-1  | 2702836 | 2713983 | 2685536 | 2700785 | 0.53    | cps   |
| Scandium   | 45-2  | 116728  | 118906  | 118066  | 117900  | 0.93    | cps   |
| Selenium   | 77-2  | 0       | 0       | 0       | 0       | 0.00    | cps   |
| Selenium   | 78-2  | 50      | 54      | 37      | 47      | 18.65   | cps   |
| Selenium   | 82-1  | -16     | -73     | 52      | -12     | -526.33 | cps   |
| Silicon    | 28-1  | 215281  | 216471  | 215425  | 215726  | 0.30    | cps   |
| Silver     | 109-1 | 358     | 300     | 375     | 344     | 11.43   | cps   |
| Silver     | 107-1 | 383     | 433     | 475     | 431     | 10.66   | cps   |
| Sodium     | 23-2  | 1068693 | 1066776 | 1065156 | 1066875 | 0.17    | cps   |
| Strontium  | 86-1  | 3417    | 3276    | 3242    | 3312    | 2.81    | cps   |
| Strontium  | 88-1  | 24347   | 24280   | 24864   | 24497   | 1.31    | cps   |
| Sulfur     | 34-1  | 256453  | 251870  | 250149  | 252824  | 1.29    | cps   |
| Terbium    | 159-1 | 8672707 | 8690514 | 8499096 | 8620772 | 1.23    | cps   |
| Terbium    | 159-2 | 3663119 | 3729018 | 3745926 | 3712688 | 1.18    | cps   |
| Thallium   | 203-1 | 58      | 67      | 108     | 78      | 34.44   | cps   |
| Thallium   | 205-1 | 283     | 192     | 150     | 208     | 32.74   | cps   |
| Tin        | 118-1 | 342     | 308     | 267     | 306     | 12.30   | cps   |
| Titanium   | 47-1  | 67      | 67      | 67      | 67      | 0.00    | cps   |
| Uranium    | 238-1 | 83      | 92      | 25      | 67      | 54.49   | cps   |
| Vanadium   | 51-2  | 17      | 13      | 17      | 16      | 12.40   | cps   |
| Yttrium    | 89-1  | 5708281 | 5699764 | 5614479 | 5674175 | 0.91    | cps   |
| Yttrium    | 89-2  | 753565  | 766423  | 765568  | 761852  | 0.94    | cps   |
| Zinc       | 66-2  | 267     | 250     | 257     | 258     | 3.25    | cps   |
| Zirconium  | 90-1  | 467     | 242     | 325     | 344     | 33.04   | cps   |

|                         |                      |                   |                     |
|-------------------------|----------------------|-------------------|---------------------|
| LB Number :             | LB88853              | Operator :        | Jaswal              |
| Lab Sample ID :         | I4278-06             | Instrumnet Name : | P7                  |
| Client Sample ID :      | DC3126-06-BS-CLB46-V | Dilution Factor : | 1                   |
| Date & Time Acquired :: | 2017-07-19 20:38:38  | DataFile Name :   | 127SMPL_P7071917 -M |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|-----------|------|------|------|------|---------|--------|-------|
| Zirconium | 91-1 | 50   | 42   | 75   | 56      | 31.22  | cps   |



LB Number : LB88853 Operator : Jaswal  
 Lab Sample ID : I4278-07 Instrumnet Name : P7  
 Client Sample ID : DC3126-07-BS-BRB46-V Dilution Factor : 1  
 Date & Time Acquired :: 2017-07-19 20:42:10 DataFile Name : 128SMPL\_P7071917 -M

| Parameter  | Mass  | CPS1    | CPS2    | CPS3    | CPSMean | CPSRSD | Units |
|------------|-------|---------|---------|---------|---------|--------|-------|
| Aluminium  | 27-2  | 633     | 408     | 392     | 478     | 28.25  | cps   |
| Antimony   | 121-1 | 683     | 775     | 733     | 731     | 6.28   | cps   |
| Arsenic    | 75-2  | 52      | 39      | 50      | 47      | 14.94  | cps   |
| Barium     | 135-1 | 29257   | 29148   | 28422   | 28942   | 1.57   | cps   |
| Barium     | 137-1 | 51204   | 50735   | 50994   | 50978   | 0.46   | cps   |
| Beryllium  | 9-1   | 139     | 106     | 89      | 111     | 22.91  | cps   |
| Bismuth    | 209-1 | 5677121 | 5615706 | 5596542 | 5629790 | 0.75   | cps   |
| Bismuth    | 209-2 | 3066914 | 2952000 | 2985558 | 3001491 | 1.97   | cps   |
| Boron      | 10-1  | 825     | 825     | 842     | 831     | 1.16   | cps   |
| Boron      | 11-1  | 4484    | 4292    | 4042    | 4273    | 5.18   | cps   |
| Cadmium    | 111-1 | 1241    | 1221    | 1186    | 1216    | 2.25   | cps   |
| Cadmium    | 106-1 | 1767    | 1700    | 1692    | 1720    | 2.39   | cps   |
| Cadmium    | 108-1 | 13      | 4       | 21      | 13      | 66.64  | cps   |
| Calcium    | 43-1  | 72746   | 71691   | 71824   | 72087   | 0.80   | cps   |
| Calcium    | 44-1  | 1183842 | 1170177 | 1150802 | 1168274 | 1.42   | cps   |
| Chromium   | 52-2  | 330     | 293     | 310     | 311     | 5.90   | cps   |
| Cobalt     | 59-2  | 63      | 73      | 110     | 82      | 29.88  | cps   |
| Copper     | 63-2  | 307804  | 309704  | 305611  | 307706  | 0.67   | cps   |
| Dysprosium | 156-1 | 42      | 67      | 33      | 47      | 36.74  | cps   |
| Dysprosium | 156-2 | 17      | 20      | 3       | 13      | 66.16  | cps   |
| Erbium     | 164-1 | 50      | 83      | 75      | 69      | 24.98  | cps   |
| Erbium     | 164-2 | 17      | 23      | 23      | 21      | 18.21  | cps   |
| Gadolinium | 160-1 | 67      | 42      | 67      | 58      | 24.74  | cps   |
| Gadolinium | 160-2 | 90      | 53      | 93      | 79      | 28.14  | cps   |
| Holmium    | 165-1 | 8428777 | 8267353 | 8375507 | 8357212 | 0.98   | cps   |
| Holmium    | 165-2 | 3794651 | 3720573 | 3719723 | 3744982 | 1.15   | cps   |
| Indium     | 115-1 | 5884189 | 5797924 | 5768956 | 5817023 | 1.03   | cps   |
| Indium     | 115-2 | 1062972 | 1041548 | 1034415 | 1046312 | 1.42   | cps   |
| Iron       | 56-2  | 35425   | 34469   | 35116   | 35004   | 1.39   | cps   |
| Iron       | 57-2  | 1870    | 1122    | 995     | 1329    | 35.60  | cps   |
| Lead       | 206-1 | 13090   | 13012   | 12879   | 12994   | 0.82   | cps   |
| Lead       | 207-1 | 10988   | 11327   | 10960   | 11092   | 1.84   | cps   |
| Lead       | 208-1 | 51997   | 51451   | 50934   | 51461   | 1.03   | cps   |
| Lithium    | 6-1   | 810120  | 802534  | 788458  | 800371  | 1.37   | cps   |
| Magnesium  | 24-2  | 102407  | 102289  | 101618  | 102105  | 0.42   | cps   |
| Manganese  | 55-2  | 8079    | 8316    | 8282    | 8226    | 1.56   | cps   |

|                         |                      |                   |                     |
|-------------------------|----------------------|-------------------|---------------------|
| LB Number :             | LB88853              | Operator :        | Jaswal              |
| Lab Sample ID :         | I4278-07             | Instrumnet Name : | P7                  |
| Client Sample ID :      | DC3126-07-BS-BRB46-V | Dilution Factor : | 1                   |
| Date & Time Acquired :: | 2017-07-19 20:42:10  | DataFile Name :   | 128SMPL_P7071917 -M |

| Parameter  | Mass  | CPS1    | CPS2    | CPS3    | CPSMean | CPSRSD | Units |
|------------|-------|---------|---------|---------|---------|--------|-------|
| Molybdenum | 94-1  | 367     | 508     | 383     | 419     | 18.46  | cps   |
| Molybdenum | 95-1  | 117     | 167     | 117     | 133     | 21.65  | cps   |
| Molybdenum | 96-1  | 258     | 200     | 167     | 208     | 22.27  | cps   |
| Molybdenum | 97-1  | 100     | 117     | 150     | 122     | 20.83  | cps   |
| Molybdenum | 98-1  | 133     | 225     | 292     | 217     | 36.69  | cps   |
| Neodymium  | 150-1 | 40      | 40      | 27      | 36      | 21.64  | cps   |
| Neodymium  | 150-2 | 10      | 0       | 7       | 6       | 91.64  | cps   |
| Nickel     | 60-2  | 1923    | 1974    | 2020    | 1972    | 2.45   | cps   |
| Phosphorus | 31-2  | 1192    | 1133    | 1392    | 1239    | 10.94  | cps   |
| Potassium  | 39-2  | 68342   | 66541   | 66926   | 67270   | 1.41   | cps   |
| Rhodium    | 103-1 | 5025089 | 4986925 | 4940506 | 4984173 | 0.85   | cps   |
| Rhodium    | 103-2 | 2244038 | 2208281 | 2194070 | 2215463 | 1.16   | cps   |
| Scandium   | 45-1  | 2728615 | 2704556 | 2673783 | 2702318 | 1.02   | cps   |
| Scandium   | 45-2  | 117381  | 113706  | 113367  | 114818  | 1.94   | cps   |
| Selenium   | 77-2  | 7       | 0       | 0       | 2       | 173.21 | cps   |
| Selenium   | 78-2  | 44      | 30      | 33      | 36      | 21.53  | cps   |
| Selenium   | 82-1  | 66      | 93      | 60      | 73      | 24.38  | cps   |
| Silicon    | 28-1  | 2787989 | 2756407 | 2775164 | 2773187 | 0.57   | cps   |
| Silver     | 109-1 | 458     | 408     | 492     | 453     | 9.26   | cps   |
| Silver     | 107-1 | 567     | 508     | 450     | 508     | 11.47  | cps   |
| Sodium     | 23-2  | 1715838 | 1721012 | 1705391 | 1714080 | 0.46   | cps   |
| Strontium  | 86-1  | 34559   | 34100   | 32764   | 33808   | 2.76   | cps   |
| Strontium  | 88-1  | 300383  | 294149  | 296071  | 296868  | 1.08   | cps   |
| Sulfur     | 34-1  | 203193  | 199063  | 199705  | 200654  | 1.11   | cps   |
| Terbium    | 159-1 | 8599773 | 8467046 | 8533732 | 8533517 | 0.78   | cps   |
| Terbium    | 159-2 | 3720008 | 3642212 | 3647199 | 3669806 | 1.19   | cps   |
| Thallium   | 203-1 | 75      | 133     | 125     | 111     | 28.40  | cps   |
| Thallium   | 205-1 | 258     | 300     | 250     | 269     | 9.94   | cps   |
| Tin        | 118-1 | 483     | 525     | 558     | 522     | 7.20   | cps   |
| Titanium   | 47-1  | 308     | 283     | 300     | 297     | 4.28   | cps   |
| Uranium    | 238-1 | 250     | 425     | 358     | 344     | 25.64  | cps   |
| Vanadium   | 51-2  | 97      | 83      | 80      | 87      | 10.18  | cps   |
| Yttrium    | 89-1  | 5654671 | 5615900 | 5584530 | 5618367 | 0.63   | cps   |
| Yttrium    | 89-2  | 759461  | 746854  | 744088  | 750134  | 1.09   | cps   |
| Zinc       | 66-2  | 32002   | 31380   | 31725   | 31702   | 0.98   | cps   |
| Zirconium  | 90-1  | 958     | 1033    | 733     | 908     | 17.19  | cps   |

|                         |                      |                   |                     |
|-------------------------|----------------------|-------------------|---------------------|
| LB Number :             | LB88853              | Operator :        | Jaswal              |
| Lab Sample ID :         | I4278-07             | Instrumnet Name : | P7                  |
| Client Sample ID :      | DC3126-07-BS-BRB46-V | Dilution Factor : | 1                   |
| Date & Time Acquired :: | 2017-07-19 20:42:10  | DataFile Name :   | 128SMPL_P7071917 -M |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|-----------|------|------|------|------|---------|--------|-------|
| Zirconium | 91-1 | 342  | 175  | 217  | 244     | 35.49  | cps   |

LB Number : LB88853 Operator : Jaswal  
 Lab Sample ID : I4278-08 Instrumnet Name : P7  
 Client Sample ID : DC3126-08-BS-BRB46-V Dilution Factor : 1  
 Date & Time Acquired :: 2017-07-19 20:45:41 DataFile Name : 129SMPL\_P7071917 -M

| Parameter  | Mass  | CPS1    | CPS2    | CPS3    | CPSMean | CPSRSD | Units |
|------------|-------|---------|---------|---------|---------|--------|-------|
| Aluminium  | 27-2  | 525     | 475     | 700     | 567     | 20.85  | cps   |
| Antimony   | 121-1 | 492     | 458     | 508     | 486     | 5.24   | cps   |
| Arsenic    | 75-2  | 46      | 48      | 63      | 52      | 17.40  | cps   |
| Barium     | 135-1 | 27837   | 28472   | 28430   | 28246   | 1.26   | cps   |
| Barium     | 137-1 | 49046   | 48720   | 49297   | 49021   | 0.59   | cps   |
| Beryllium  | 9-1   | 150     | 100     | 56      | 102     | 46.39  | cps   |
| Bismuth    | 209-1 | 5683826 | 5474666 | 5185248 | 5447914 | 4.60   | cps   |
| Bismuth    | 209-2 | 3017790 | 2906533 | 2854968 | 2926430 | 2.84   | cps   |
| Boron      | 10-1  | 833     | 867     | 758     | 820     | 6.77   | cps   |
| Boron      | 11-1  | 4009    | 3742    | 4051    | 3934    | 4.25   | cps   |
| Cadmium    | 111-1 | 1264    | 1271    | 1366    | 1301    | 4.39   | cps   |
| Cadmium    | 106-1 | 1792    | 1817    | 1950    | 1853    | 4.59   | cps   |
| Cadmium    | 108-1 | 4       | 13      | 4       | 7       | 69.23  | cps   |
| Calcium    | 43-1  | 69874   | 69128   | 69321   | 69441   | 0.56   | cps   |
| Calcium    | 44-1  | 1135361 | 1134851 | 1130679 | 1133631 | 0.23   | cps   |
| Chromium   | 52-2  | 343     | 380     | 307     | 343     | 10.68  | cps   |
| Cobalt     | 59-2  | 70      | 83      | 93      | 82      | 14.24  | cps   |
| Copper     | 63-2  | 354874  | 355708  | 355224  | 355269  | 0.12   | cps   |
| Dysprosium | 156-1 | 50      | 33      | 50      | 44      | 21.66  | cps   |
| Dysprosium | 156-2 | 17      | 27      | 27      | 23      | 24.74  | cps   |
| Erbium     | 164-1 | 58      | 58      | 25      | 47      | 40.76  | cps   |
| Erbium     | 164-2 | 23      | 27      | 37      | 29      | 24.03  | cps   |
| Gadolinium | 160-1 | 67      | 42      | 50      | 53      | 24.12  | cps   |
| Gadolinium | 160-2 | 53      | 60      | 90      | 68      | 28.82  | cps   |
| Holmium    | 165-1 | 8300350 | 8162609 | 7945324 | 8136094 | 2.20   | cps   |
| Holmium    | 165-2 | 3788253 | 3577252 | 3585233 | 3650246 | 3.28   | cps   |
| Indium     | 115-1 | 5825649 | 5673294 | 5478275 | 5659073 | 3.08   | cps   |
| Indium     | 115-2 | 1049918 | 995344  | 995845  | 1013702 | 3.09   | cps   |
| Iron       | 56-2  | 35401   | 35949   | 35513   | 35621   | 0.81   | cps   |
| Iron       | 57-2  | 1195    | 1200    | 1278    | 1224    | 3.81   | cps   |
| Lead       | 206-1 | 3173    | 3139    | 2934    | 3082    | 4.20   | cps   |
| Lead       | 207-1 | 2839    | 2828    | 2561    | 2743    | 5.73   | cps   |
| Lead       | 208-1 | 12419   | 12130   | 12414   | 12321   | 1.34   | cps   |
| Lithium    | 6-1   | 802876  | 780144  | 762577  | 781866  | 2.58   | cps   |
| Magnesium  | 24-2  | 98338   | 98279   | 101098  | 99238   | 1.62   | cps   |
| Manganese  | 55-2  | 8726    | 8369    | 8656    | 8584    | 2.20   | cps   |

|                         |                      |                   |                     |
|-------------------------|----------------------|-------------------|---------------------|
| LB Number :             | LB88853              | Operator :        | Jaswal              |
| Lab Sample ID :         | I4278-08             | Instrumnet Name : | P7                  |
| Client Sample ID :      | DC3126-08-BS-BRB46-V | Dilution Factor : | 1                   |
| Date & Time Acquired :: | 2017-07-19 20:45:41  | DataFile Name :   | 129SMPL_P7071917 -M |

| Parameter  | Mass  | CPS1    | CPS2    | CPS3    | CPSMean | CPSRSD   | Units |
|------------|-------|---------|---------|---------|---------|----------|-------|
| Molybdenum | 94-1  | 475     | 383     | 275     | 378     | 26.50    | cps   |
| Molybdenum | 95-1  | 125     | 100     | 125     | 117     | 12.38    | cps   |
| Molybdenum | 96-1  | 150     | 167     | 208     | 175     | 17.17    | cps   |
| Molybdenum | 97-1  | 83      | 83      | 100     | 89      | 10.83    | cps   |
| Molybdenum | 98-1  | 192     | 300     | 275     | 256     | 22.20    | cps   |
| Neodymium  | 150-1 | 40      | 67      | 27      | 44      | 45.82    | cps   |
| Neodymium  | 150-2 | 3       | 3       | 7       | 4       | 43.40    | cps   |
| Nickel     | 60-2  | 503     | 587     | 583     | 558     | 8.46     | cps   |
| Phosphorus | 31-2  | 1325    | 1175    | 1333    | 1278    | 6.97     | cps   |
| Potassium  | 39-2  | 65445   | 65604   | 66617   | 65889   | 0.96     | cps   |
| Rhodium    | 103-1 | 5048557 | 4851024 | 4736470 | 4878683 | 3.24     | cps   |
| Rhodium    | 103-2 | 2217107 | 2125940 | 2117971 | 2153673 | 2.56     | cps   |
| Scandium   | 45-1  | 2718075 | 2634160 | 2512070 | 2621435 | 3.95     | cps   |
| Scandium   | 45-2  | 115438  | 111283  | 108844  | 111855  | 2.98     | cps   |
| Selenium   | 77-2  | 0       | 0       | 0       | 0       | 0.00     | cps   |
| Selenium   | 78-2  | 37      | 35      | 33      | 35      | 5.27     | cps   |
| Selenium   | 82-1  | 29      | -51     | 22      | 0       | 13650.30 | cps   |
| Silicon    | 28-1  | 2705300 | 2705040 | 2677196 | 2695845 | 0.60     | cps   |
| Silver     | 109-1 | 375     | 483     | 375     | 411     | 15.21    | cps   |
| Silver     | 107-1 | 442     | 367     | 525     | 444     | 17.82    | cps   |
| Sodium     | 23-2  | 1675437 | 1678027 | 1693182 | 1682215 | 0.57     | cps   |
| Strontium  | 86-1  | 33866   | 32772   | 33523   | 33387   | 1.68     | cps   |
| Strontium  | 88-1  | 288565  | 285741  | 284300  | 286202  | 0.76     | cps   |
| Sulfur     | 34-1  | 199180  | 196868  | 197028  | 197692  | 0.65     | cps   |
| Terbium    | 159-1 | 8429720 | 8299944 | 8136367 | 8288677 | 1.77     | cps   |
| Terbium    | 159-2 | 3676608 | 3490244 | 3516783 | 3561212 | 2.83     | cps   |
| Thallium   | 203-1 | 67      | 50      | 92      | 69      | 30.20    | cps   |
| Thallium   | 205-1 | 233     | 133     | 183     | 183     | 27.27    | cps   |
| Tin        | 118-1 | 450     | 450     | 375     | 425     | 10.19    | cps   |
| Titanium   | 47-1  | 292     | 250     | 308     | 283     | 10.61    | cps   |
| Uranium    | 238-1 | 242     | 350     | 225     | 272     | 24.93    | cps   |
| Vanadium   | 51-2  | 97      | 63      | 67      | 76      | 24.30    | cps   |
| Yttrium    | 89-1  | 5656841 | 5466622 | 5342258 | 5488574 | 2.89     | cps   |
| Yttrium    | 89-2  | 751229  | 716273  | 716299  | 727934  | 2.77     | cps   |
| Zinc       | 66-2  | 2924    | 3114    | 2954    | 2997    | 3.41     | cps   |
| Zirconium  | 90-1  | 833     | 767     | 733     | 778     | 6.55     | cps   |

|                         |                      |                   |                     |
|-------------------------|----------------------|-------------------|---------------------|
| LB Number :             | LB88853              | Operator :        | Jaswal              |
| Lab Sample ID :         | I4278-08             | Instrumnet Name : | P7                  |
| Client Sample ID :      | DC3126-08-BS-BRB46-V | Dilution Factor : | 1                   |
| Date & Time Acquired :: | 2017-07-19 20:45:41  | DataFile Name :   | 129SMPL_P7071917 -M |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|-----------|------|------|------|------|---------|--------|-------|
| Zirconium | 91-1 | 225  | 225  | 242  | 231     | 4.17   | cps   |

LB Number : LB88853 Operator : Jaswal  
 Lab Sample ID : CCV40 Instrumnet Name : P7  
 Client Sample ID : CCV40 Dilution Factor : 1  
 Date & Time Acquired :: 2017-07-19 20:49:12 DataFile Name : 130CCV\_P7071917 -MS.

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|------------|-------|----------|----------|----------|----------|--------|-------|
| Aluminium  | 27-2  | 8        | 25       | 25       | 19       | 49.50  | cps   |
| Antimony   | 121-1 | 108      | 100      | 92       | 100      | 8.33   | cps   |
| Arsenic    | 75-2  | 7        | 6        | 13       | 9        | 44.56  | cps   |
| Barium     | 135-1 | 75       | 67       | 17       | 53       | 59.77  | cps   |
| Barium     | 137-1 | 83       | 67       | 33       | 61       | 41.67  | cps   |
| Beryllium  | 9-1   | 106      | 50       | 44       | 67       | 50.69  | cps   |
| Bismuth    | 209-1 | 5105600  | 5032157  | 5083886  | 5073881  | 0.74   | cps   |
| Bismuth    | 209-2 | 2657026  | 2706996  | 2677110  | 2680377  | 0.94   | cps   |
| Boron      | 10-1  | 692      | 500      | 483      | 558      | 20.74  | cps   |
| Boron      | 11-1  | 2900     | 2842     | 2734     | 2825     | 2.99   | cps   |
| Cadmium    | 111-1 | 1190     | 1120     | 1121     | 1144     | 3.50   | cps   |
| Cadmium    | 106-1 | 1700     | 1600     | 1600     | 1634     | 3.54   | cps   |
| Cadmium    | 108-1 | 0        | 0        | 4        | 1        | 173.21 | cps   |
| Calcium    | 43-1  | 217      | 233      | 175      | 208      | 14.42  | cps   |
| Calcium    | 44-1  | 4209     | 4634     | 3901     | 4248     | 8.67   | cps   |
| Chromium   | 52-2  | 273      | 257      | 287      | 272      | 5.52   | cps   |
| Cobalt     | 59-2  | 47       | 53       | 37       | 46       | 18.41  | cps   |
| Copper     | 63-2  | 1137     | 1187     | 1177     | 1167     | 2.27   | cps   |
| Dysprosium | 156-1 | 8        | 25       | 8        | 14       | 69.31  | cps   |
| Dysprosium | 156-2 | 3        | 0        | 0        | 1        | 173.21 | cps   |
| Erbium     | 164-1 | 17       | 33       | 25       | 25       | 33.32  | cps   |
| Erbium     | 164-2 | 7        | 10       | 3        | 7        | 50.03  | cps   |
| Gadolinium | 160-1 | 42       | 33       | 50       | 42       | 20.00  | cps   |
| Gadolinium | 160-2 | 60       | 87       | 50       | 66       | 28.92  | cps   |
| Holmium    | 165-1 | 7522129  | 7498162  | 7480631  | 7500307  | 0.28   | cps   |
| Holmium    | 165-2 | 3327720  | 3362841  | 3329503  | 3340021  | 0.59   | cps   |
| Indium     | 115-1 | 5241197  | 5192931  | 5219511  | 5217879  | 0.46   | cps   |
| Indium     | 115-2 | 931906   | 946194   | 933837   | 937312   | 0.83   | cps   |
| Iron       | 56-2  | 3345     | 3262     | 3167     | 3258     | 2.73   | cps   |
| Iron       | 57-2  | 150      | 183      | 200      | 178      | 14.32  | cps   |
| Lead       | 206-1 | 2490708  | 2501677  | 2529194  | 2507193  | 0.79   | cps   |
| Lead       | 207-1 | 2282902  | 2288307  | 2313911  | 2295040  | 0.72   | cps   |
| Lead       | 208-1 | 10306667 | 10323046 | 10447502 | 10359072 | 0.74   | cps   |
| Lithium    | 6-1   | 715172   | 711688   | 718531   | 715130   | 0.48   | cps   |
| Magnesium  | 24-2  | 892      | 850      | 883      | 875      | 2.52   | cps   |
| Manganese  | 55-2  | 480      | 443      | 410      | 444      | 7.88   | cps   |

|                         |                     |                   |                      |
|-------------------------|---------------------|-------------------|----------------------|
| LB Number :             | LB88853             | Operator :        | Jaswal               |
| Lab Sample ID :         | CCV40               | Instrumnet Name : | P7                   |
| Client Sample ID :      | CCV40               | Dilution Factor : | 1                    |
| Date & Time Acquired :: | 2017-07-19 20:49:12 | DataFile Name :   | 130CCV_P7071917 -MS. |

| Parameter  | Mass  | CPS1    | CPS2    | CPS3    | CPSMean | CPSRSD | Units |
|------------|-------|---------|---------|---------|---------|--------|-------|
| Molybdenum | 94-1  | 183     | 100     | 125     | 136     | 31.41  | cps   |
| Molybdenum | 95-1  | 25      | 17      | 8       | 17      | 50.01  | cps   |
| Molybdenum | 96-1  | 17      | 25      | 33      | 25      | 33.32  | cps   |
| Molybdenum | 97-1  | 25      | 33      | 33      | 31      | 15.75  | cps   |
| Molybdenum | 98-1  | 83      | 42      | 42      | 56      | 43.30  | cps   |
| Neodymium  | 150-1 | 13      | 0       | 0       | 4       | 173.21 | cps   |
| Neodymium  | 150-2 | 0       | 0       | 0       | 0       | 0.00   | cps   |
| Nickel     | 60-2  | 120     | 157     | 173     | 150     | 18.19  | cps   |
| Phosphorus | 31-2  | 42      | 117     | 125     | 94      | 48.60  | cps   |
| Potassium  | 39-2  | 19747   | 18779   | 18846   | 19124   | 2.83   | cps   |
| Rhodium    | 103-1 | 4531235 | 4452225 | 4515468 | 4499643 | 0.93   | cps   |
| Rhodium    | 103-2 | 1975349 | 1993046 | 1982083 | 1983493 | 0.45   | cps   |
| Scandium   | 45-1  | 2460222 | 2443876 | 2443148 | 2449082 | 0.39   | cps   |
| Scandium   | 45-2  | 102749  | 104267  | 104230  | 103749  | 0.83   | cps   |
| Selenium   | 77-2  | 0       | 3       | 0       | 1       | 173.21 | cps   |
| Selenium   | 78-2  | 43      | 43      | 50      | 45      | 9.49   | cps   |
| Selenium   | 82-1  | -16     | -20     | -19     | -18     | -10.60 | cps   |
| Silicon    | 28-1  | 199968  | 198991  | 197698  | 198886  | 0.57   | cps   |
| Silver     | 109-1 | 342     | 292     | 317     | 317     | 7.90   | cps   |
| Silver     | 107-1 | 283     | 292     | 333     | 303     | 8.85   | cps   |
| Sodium     | 23-2  | 24454   | 24863   | 23862   | 24393   | 2.06   | cps   |
| Strontium  | 86-1  | 517     | 642     | 600     | 586     | 10.86  | cps   |
| Strontium  | 88-1  | 333     | 258     | 200     | 264     | 25.33  | cps   |
| Sulfur     | 34-1  | 177143  | 173397  | 173432  | 174657  | 1.23   | cps   |
| Terbium    | 159-1 | 7637193 | 7610180 | 7733647 | 7660340 | 0.85   | cps   |
| Terbium    | 159-2 | 3271808 | 3295937 | 3253606 | 3273784 | 0.65   | cps   |
| Thallium   | 203-1 | 142     | 58      | 50      | 83      | 60.83  | cps   |
| Thallium   | 205-1 | 242     | 225     | 133     | 200     | 29.17  | cps   |
| Tin        | 118-1 | 300     | 292     | 442     | 344     | 24.48  | cps   |
| Titanium   | 47-1  | 67      | 75      | 75      | 72      | 6.66   | cps   |
| Uranium    | 238-1 | 83      | 67      | 42      | 64      | 32.83  | cps   |
| Vanadium   | 51-2  | 43      | 7       | 10      | 20      | 101.36 | cps   |
| Yttrium    | 89-1  | 5045621 | 5035447 | 5042443 | 5041170 | 0.10   | cps   |
| Yttrium    | 89-2  | 666759  | 677727  | 669577  | 671354  | 0.85   | cps   |
| Zinc       | 66-2  | 227     | 263     | 303     | 264     | 14.50  | cps   |
| Zirconium  | 90-1  | 375     | 317     | 358     | 350     | 8.59   | cps   |



|                         |                     |                   |                      |
|-------------------------|---------------------|-------------------|----------------------|
| LB Number :             | LB88853             | Operator :        | Jaswal               |
| Lab Sample ID :         | CCV40               | Instrumnet Name : | P7                   |
| Client Sample ID :      | CCV40               | Dilution Factor : | 1                    |
| Date & Time Acquired :: | 2017-07-19 20:49:12 | DataFile Name :   | 130CCV_P7071917 -MS. |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|-----------|------|------|------|------|---------|--------|-------|
| Zirconium | 91-1 | 100  | 67   | 125  | 97      | 30.10  | cps   |

|                         |                     |                   |                     |
|-------------------------|---------------------|-------------------|---------------------|
| LB Number :             | LB88853             | Operator :        | Jaswal              |
| Lab Sample ID :         | CCB40               | Instrumnet Name : | P7                  |
| Client Sample ID :      | CCB40               | Dilution Factor : | 1                   |
| Date & Time Acquired :: | 2017-07-19 20:52:44 | DataFile Name :   | 131CCBE_P7071917 -M |

| Parameter  | Mass  | CPS1    | CPS2    | CPS3    | CPSMean | CPSRSD | Units |
|------------|-------|---------|---------|---------|---------|--------|-------|
| Aluminium  | 27-2  | 25      | 17      | 25      | 22      | 21.64  | cps   |
| Antimony   | 121-1 | 75      | 83      | 75      | 78      | 6.19   | cps   |
| Arsenic    | 75-2  | 6       | 4       | 6       | 5       | 21.74  | cps   |
| Barium     | 135-1 | 0       | 58      | 17      | 25      | 120.18 | cps   |
| Barium     | 137-1 | 42      | 83      | 50      | 58      | 37.80  | cps   |
| Beryllium  | 9-1   | 78      | 72      | 72      | 74      | 4.33   | cps   |
| Bismuth    | 209-1 | 4971078 | 4937308 | 5063308 | 4990565 | 1.31   | cps   |
| Bismuth    | 209-2 | 2674736 | 2691665 | 2651330 | 2672577 | 0.76   | cps   |
| Boron      | 10-1  | 583     | 467     | 583     | 544     | 12.37  | cps   |
| Boron      | 11-1  | 2542    | 2350    | 2384    | 2425    | 4.22   | cps   |
| Cadmium    | 111-1 | 1203    | 1096    | 1132    | 1144    | 4.75   | cps   |
| Cadmium    | 106-1 | 1717    | 1558    | 1617    | 1631    | 4.91   | cps   |
| Cadmium    | 108-1 | 4       | 4       | 0       | 3       | 86.60  | cps   |
| Calcium    | 43-1  | 108     | 150     | 125     | 128     | 16.41  | cps   |
| Calcium    | 44-1  | 3009    | 3217    | 3159    | 3128    | 3.44   | cps   |
| Chromium   | 52-2  | 297     | 313     | 327     | 312     | 4.82   | cps   |
| Cobalt     | 59-2  | 47      | 27      | 47      | 40      | 28.87  | cps   |
| Copper     | 63-2  | 1237    | 1110    | 1057    | 1135    | 8.15   | cps   |
| Dysprosium | 156-1 | 8       | 8       | 8       | 8       | 0.00   | cps   |
| Dysprosium | 156-2 | 3       | 7       | 0       | 3       | 100.05 | cps   |
| Erbium     | 164-1 | 25      | 33      | 33      | 31      | 15.74  | cps   |
| Erbium     | 164-2 | 10      | 10      | 13      | 11      | 17.30  | cps   |
| Gadolinium | 160-1 | 17      | 67      | 17      | 33      | 86.59  | cps   |
| Gadolinium | 160-2 | 73      | 40      | 57      | 57      | 29.41  | cps   |
| Holmium    | 165-1 | 7335227 | 7345714 | 7593159 | 7424700 | 1.97   | cps   |
| Holmium    | 165-2 | 3343559 | 3351342 | 3318801 | 3337901 | 0.51   | cps   |
| Indium     | 115-1 | 5149247 | 5128499 | 5273338 | 5183695 | 1.51   | cps   |
| Indium     | 115-2 | 945417  | 947355  | 938274  | 943682  | 0.51   | cps   |
| Iron       | 56-2  | 3484    | 3556    | 3489    | 3510    | 1.15   | cps   |
| Iron       | 57-2  | 128     | 172     | 183     | 161     | 18.25  | cps   |
| Lead       | 206-1 | 983     | 995     | 917     | 965     | 4.36   | cps   |
| Lead       | 207-1 | 1039    | 950     | 1117    | 1035    | 8.06   | cps   |
| Lead       | 208-1 | 4289    | 4173    | 4184    | 4215    | 1.53   | cps   |
| Lithium    | 6-1   | 710753  | 714833  | 726628  | 717405  | 1.15   | cps   |
| Magnesium  | 24-2  | 967     | 858     | 983     | 936     | 7.25   | cps   |
| Manganese  | 55-2  | 503     | 483     | 430     | 472     | 8.03   | cps   |

|                         |                     |                   |                     |
|-------------------------|---------------------|-------------------|---------------------|
| LB Number :             | LB88853             | Operator :        | Jaswal              |
| Lab Sample ID :         | CCB40               | Instrumnet Name : | P7                  |
| Client Sample ID :      | CCB40               | Dilution Factor : | 1                   |
| Date & Time Acquired :: | 2017-07-19 20:52:44 | DataFile Name :   | 131CCBE_P7071917 -M |

| Parameter  | Mass  | CPS1    | CPS2    | CPS3    | CPSMean | CPSRSD  | Units |
|------------|-------|---------|---------|---------|---------|---------|-------|
| Molybdenum | 94-1  | 142     | 100     | 150     | 131     | 20.52   | cps   |
| Molybdenum | 95-1  | 0       | 17      | 25      | 14      | 91.65   | cps   |
| Molybdenum | 96-1  | 33      | 17      | 50      | 33      | 50.00   | cps   |
| Molybdenum | 97-1  | 25      | 17      | 42      | 28      | 45.82   | cps   |
| Molybdenum | 98-1  | 25      | 25      | 33      | 28      | 17.31   | cps   |
| Neodymium  | 150-1 | 0       | 0       | 0       | 0       | 0.00    | cps   |
| Neodymium  | 150-2 | 0       | 7       | 0       | 2       | 173.21  | cps   |
| Nickel     | 60-2  | 157     | 157     | 123     | 146     | 13.22   | cps   |
| Phosphorus | 31-2  | 75      | 100     | 75      | 83      | 17.32   | cps   |
| Potassium  | 39-2  | 19605   | 18279   | 19530   | 19138   | 3.89    | cps   |
| Rhodium    | 103-1 | 4447738 | 4402299 | 4538342 | 4462793 | 1.55    | cps   |
| Rhodium    | 103-2 | 1990287 | 2016892 | 1989971 | 1999050 | 0.77    | cps   |
| Scandium   | 45-1  | 2388902 | 2387094 | 2489026 | 2421674 | 2.41    | cps   |
| Scandium   | 45-2  | 101431  | 103774  | 99867   | 101691  | 1.93    | cps   |
| Selenium   | 77-2  | 0       | 0       | 0       | 0       | 0.00    | cps   |
| Selenium   | 78-2  | 50      | 24      | 50      | 41      | 36.20   | cps   |
| Selenium   | 82-1  | -87     | 6       | -1      | -27     | -189.59 | cps   |
| Silicon    | 28-1  | 198586  | 199795  | 201997  | 200126  | 0.86    | cps   |
| Silver     | 109-1 | 242     | 250     | 300     | 264     | 11.96   | cps   |
| Silver     | 107-1 | 342     | 275     | 358     | 325     | 13.57   | cps   |
| Sodium     | 23-2  | 22935   | 22242   | 23803   | 22993   | 3.40    | cps   |
| Strontium  | 86-1  | 642     | 600     | 658     | 633     | 4.74    | cps   |
| Strontium  | 88-1  | 167     | 150     | 208     | 175     | 17.17   | cps   |
| Sulfur     | 34-1  | 173346  | 175244  | 172979  | 173856  | 0.70    | cps   |
| Terbium    | 159-1 | 7510254 | 7567526 | 7667778 | 7581853 | 1.05    | cps   |
| Terbium    | 159-2 | 3286609 | 3303782 | 3273872 | 3288088 | 0.46    | cps   |
| Thallium   | 203-1 | 133     | 175     | 92      | 133     | 31.25   | cps   |
| Thallium   | 205-1 | 217     | 258     | 233     | 236     | 8.88    | cps   |
| Tin        | 118-1 | 767     | 625     | 575     | 656     | 15.17   | cps   |
| Titanium   | 47-1  | 42      | 58      | 83      | 61      | 34.32   | cps   |
| Uranium    | 238-1 | 33      | 25      | 75      | 44      | 60.28   | cps   |
| Vanadium   | 51-2  | 10      | 7       | 10      | 9       | 21.63   | cps   |
| Yttrium    | 89-1  | 4980967 | 4954883 | 5092354 | 5009401 | 1.46    | cps   |
| Yttrium    | 89-2  | 673032  | 678491  | 674454  | 675326  | 0.42    | cps   |
| Zinc       | 66-2  | 143     | 173     | 157     | 158     | 9.53    | cps   |
| Zirconium  | 90-1  | 233     | 250     | 342     | 275     | 21.21   | cps   |

|                         |                     |                   |                      |
|-------------------------|---------------------|-------------------|----------------------|
| LB Number :             | LB88853             | Operator :        | Jaswal               |
| Lab Sample ID :         | CCB40               | Instrumnet Name : | P7                   |
| Client Sample ID :      | CCB40               | Dilution Factor : | 1                    |
| Date & Time Acquired :: | 2017-07-19 20:52:44 | DataFile Name :   | 131CCBE_P7071917 -M: |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|-----------|------|------|------|------|---------|--------|-------|
| Zirconium | 91-1 | 92   | 42   | 17   | 50      | 76.37  | cps   |

LB Number : LB88853 Operator : Jaswal  
 Lab Sample ID : I4278-09 Instrumnet Name : P7  
 Client Sample ID : DC3126-09-FL3-CL317-V Dilution Factor : 1  
 Date & Time Acquired :: 2017-07-19 20:56:16 DataFile Name : 132SMPL\_P7071917 -M

| Parameter  | Mass  | CPS1    | CPS2    | CPS3    | CPSMean | CPSRSD | Units |
|------------|-------|---------|---------|---------|---------|--------|-------|
| Aluminium  | 27-2  | 542     | 567     | 792     | 633     | 21.74  | cps   |
| Antimony   | 121-1 | 400     | 433     | 292     | 375     | 19.75  | cps   |
| Arsenic    | 75-2  | 52      | 48      | 52      | 51      | 4.22   | cps   |
| Barium     | 135-1 | 29065   | 28480   | 28572   | 28706   | 1.10   | cps   |
| Barium     | 137-1 | 52542   | 50568   | 50852   | 51321   | 2.08   | cps   |
| Beryllium  | 9-1   | 94      | 72      | 44      | 70      | 35.60  | cps   |
| Bismuth    | 209-1 | 5665410 | 5675656 | 5484027 | 5608364 | 1.92   | cps   |
| Bismuth    | 209-2 | 3054929 | 3107819 | 3008439 | 3057062 | 1.63   | cps   |
| Boron      | 10-1  | 658     | 850     | 700     | 736     | 13.69  | cps   |
| Boron      | 11-1  | 3567    | 3651    | 3376    | 3531    | 3.99   | cps   |
| Cadmium    | 111-1 | 1467    | 1321    | 1234    | 1340    | 8.78   | cps   |
| Cadmium    | 106-1 | 2050    | 1842    | 1734    | 1875    | 8.58   | cps   |
| Cadmium    | 108-1 | 8       | 21      | 13      | 14      | 45.83  | cps   |
| Calcium    | 43-1  | 75585   | 72578   | 72637   | 73600   | 2.34   | cps   |
| Calcium    | 44-1  | 1199079 | 1186577 | 1191667 | 1192441 | 0.53   | cps   |
| Chromium   | 52-2  | 363     | 317     | 390     | 357     | 10.41  | cps   |
| Cobalt     | 59-2  | 143     | 103     | 117     | 121     | 16.82  | cps   |
| Copper     | 63-2  | 383450  | 384534  | 382759  | 383581  | 0.23   | cps   |
| Dysprosium | 156-1 | 33      | 17      | 33      | 28      | 34.63  | cps   |
| Dysprosium | 156-2 | 10      | 20      | 17      | 16      | 32.73  | cps   |
| Erbium     | 164-1 | 100     | 33      | 33      | 56      | 69.29  | cps   |
| Erbium     | 164-2 | 23      | 30      | 30      | 28      | 13.86  | cps   |
| Gadolinium | 160-1 | 33      | 67      | 125     | 75      | 61.87  | cps   |
| Gadolinium | 160-2 | 80      | 73      | 70      | 74      | 6.84   | cps   |
| Holmium    | 165-1 | 8447433 | 8543450 | 8330475 | 8440453 | 1.26   | cps   |
| Holmium    | 165-2 | 3811344 | 3797242 | 3741032 | 3783206 | 0.98   | cps   |
| Indium     | 115-1 | 5876585 | 5876391 | 5716704 | 5823227 | 1.58   | cps   |
| Indium     | 115-2 | 1064410 | 1065996 | 1052817 | 1061074 | 0.68   | cps   |
| Iron       | 56-2  | 44424   | 41649   | 43332   | 43135   | 3.24   | cps   |
| Iron       | 57-2  | 1083    | 1278    | 1506    | 1289    | 16.40  | cps   |
| Lead       | 206-1 | 4368    | 4368    | 4106    | 4280    | 3.52   | cps   |
| Lead       | 207-1 | 3995    | 3801    | 3740    | 3845    | 3.47   | cps   |
| Lead       | 208-1 | 17611   | 17405   | 17577   | 17531   | 0.63   | cps   |
| Lithium    | 6-1   | 811010  | 814368  | 798411  | 807930  | 1.04   | cps   |
| Magnesium  | 24-2  | 105168  | 104933  | 104513  | 104871  | 0.32   | cps   |
| Manganese  | 55-2  | 8946    | 9143    | 9186    | 9092    | 1.41   | cps   |

|                         |                       |                   |                     |
|-------------------------|-----------------------|-------------------|---------------------|
| LB Number :             | LB88853               | Operator :        | Jaswal              |
| Lab Sample ID :         | I4278-09              | Instrumnet Name : | P7                  |
| Client Sample ID :      | DC3126-09-FL3-CL317-V | Dilution Factor : | 1                   |
| Date & Time Acquired :: | 2017-07-19 20:56:16   | DataFile Name :   | 132SMPL_P7071917 -M |

| Parameter  | Mass  | CPS1    | CPS2    | CPS3    | CPSMean | CPSRSD | Units |
|------------|-------|---------|---------|---------|---------|--------|-------|
| Molybdenum | 94-1  | 375     | 375     | 350     | 367     | 3.94   | cps   |
| Molybdenum | 95-1  | 133     | 92      | 125     | 117     | 18.90  | cps   |
| Molybdenum | 96-1  | 158     | 183     | 192     | 178     | 9.76   | cps   |
| Molybdenum | 97-1  | 67      | 100     | 75      | 81      | 21.54  | cps   |
| Molybdenum | 98-1  | 167     | 117     | 175     | 153     | 20.65  | cps   |
| Neodymium  | 150-1 | 40      | 13      | 7       | 20      | 88.19  | cps   |
| Neodymium  | 150-2 | 13      | 10      | 17      | 13      | 25.01  | cps   |
| Nickel     | 60-2  | 1643    | 1727    | 1760    | 1710    | 3.51   | cps   |
| Phosphorus | 31-2  | 1358    | 1283    | 1017    | 1220    | 14.73  | cps   |
| Potassium  | 39-2  | 66073   | 66852   | 64800   | 65908   | 1.57   | cps   |
| Rhodium    | 103-1 | 5048851 | 5031734 | 4923353 | 5001313 | 1.36   | cps   |
| Rhodium    | 103-2 | 2256478 | 2250625 | 2213580 | 2240228 | 1.04   | cps   |
| Scandium   | 45-1  | 2733400 | 2721956 | 2658777 | 2704711 | 1.49   | cps   |
| Scandium   | 45-2  | 117236  | 116443  | 115123  | 116267  | 0.92   | cps   |
| Selenium   | 77-2  | 0       | 0       | 0       | 0       | 0.00   | cps   |
| Selenium   | 78-2  | 44      | 28      | 37      | 36      | 22.92  | cps   |
| Selenium   | 82-1  | 7       | 5       | 51      | 21      | 123.55 | cps   |
| Silicon    | 28-1  | 2732600 | 2693948 | 2708113 | 2711554 | 0.72   | cps   |
| Silver     | 109-1 | 492     | 425     | 483     | 467     | 7.78   | cps   |
| Silver     | 107-1 | 525     | 408     | 308     | 414     | 26.20  | cps   |
| Sodium     | 23-2  | 1722159 | 1737316 | 1742519 | 1733998 | 0.61   | cps   |
| Strontium  | 86-1  | 34534   | 34785   | 34668   | 34662   | 0.36   | cps   |
| Strontium  | 88-1  | 298606  | 300314  | 296768  | 298563  | 0.59   | cps   |
| Sulfur     | 34-1  | 200424  | 197323  | 197373  | 198373  | 0.90   | cps   |
| Terbium    | 159-1 | 8631451 | 8564781 | 8398415 | 8531549 | 1.41   | cps   |
| Terbium    | 159-2 | 3727743 | 3723081 | 3671428 | 3707417 | 0.84   | cps   |
| Thallium   | 203-1 | 108     | 75      | 100     | 94      | 18.37  | cps   |
| Thallium   | 205-1 | 242     | 275     | 192     | 236     | 17.76  | cps   |
| Tin        | 118-1 | 792     | 683     | 683     | 719     | 8.69   | cps   |
| Titanium   | 47-1  | 350     | 267     | 350     | 322     | 14.93  | cps   |
| Uranium    | 238-1 | 242     | 317     | 250     | 269     | 15.26  | cps   |
| Vanadium   | 51-2  | 80      | 103     | 80      | 88      | 15.35  | cps   |
| Yttrium    | 89-1  | 5645483 | 5691999 | 5570766 | 5636083 | 1.09   | cps   |
| Yttrium    | 89-2  | 765971  | 762432  | 754154  | 760852  | 0.80   | cps   |
| Zinc       | 66-2  | 83299   | 83001   | 83192   | 83164   | 0.18   | cps   |
| Zirconium  | 90-1  | 942     | 967     | 933     | 947     | 1.83   | cps   |

|                         |                       |                   |                     |
|-------------------------|-----------------------|-------------------|---------------------|
| LB Number :             | LB88853               | Operator :        | Jaswal              |
| Lab Sample ID :         | I4278-09              | Instrumnet Name : | P7                  |
| Client Sample ID :      | DC3126-09-FL3-CL317-V | Dilution Factor : | 1                   |
| Date & Time Acquired :: | 2017-07-19 20:56:16   | DataFile Name :   | 132SMPL_P7071917 -M |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|-----------|------|------|------|------|---------|--------|-------|
| Zirconium | 91-1 | 192  | 267  | 117  | 192     | 39.13  | cps   |

LB Number : LB88853 Operator : Jaswal  
 Lab Sample ID : I4278-10 Instrumnet Name : P7  
 Client Sample ID : DC3126-10-FL3-CL317-V Dilution Factor : 1  
 Date & Time Acquired :: 2017-07-19 20:59:47 DataFile Name : 133SMPL\_P7071917 -M

| Parameter  | Mass  | CPS1    | CPS2    | CPS3    | CPSMean | CPSRSD | Units |
|------------|-------|---------|---------|---------|---------|--------|-------|
| Aluminium  | 27-2  | 450     | 417     | 492     | 453     | 8.30   | cps   |
| Antimony   | 121-1 | 400     | 342     | 350     | 364     | 8.67   | cps   |
| Arsenic    | 75-2  | 69      | 72      | 61      | 67      | 8.41   | cps   |
| Barium     | 135-1 | 27394   | 28931   | 27136   | 27820   | 3.49   | cps   |
| Barium     | 137-1 | 50100   | 47959   | 47131   | 48397   | 3.17   | cps   |
| Beryllium  | 9-1   | 83      | 83      | 67      | 78      | 12.37  | cps   |
| Bismuth    | 209-1 | 5640002 | 5432986 | 5321793 | 5464927 | 2.96   | cps   |
| Bismuth    | 209-2 | 2848079 | 2820389 | 2813005 | 2827158 | 0.65   | cps   |
| Boron      | 10-1  | 508     | 775     | 567     | 617     | 22.73  | cps   |
| Boron      | 11-1  | 3150    | 3459    | 3184    | 3264    | 5.19   | cps   |
| Cadmium    | 111-1 | 1323    | 1089    | 1133    | 1182    | 10.55  | cps   |
| Cadmium    | 106-1 | 1867    | 1550    | 1625    | 1681    | 9.85   | cps   |
| Cadmium    | 108-1 | 0       | 13      | 13      | 8       | 86.60  | cps   |
| Calcium    | 43-1  | 70477   | 70661   | 67723   | 69620   | 2.36   | cps   |
| Calcium    | 44-1  | 1160154 | 1148794 | 1111979 | 1140309 | 2.21   | cps   |
| Chromium   | 52-2  | 320     | 333     | 303     | 319     | 4.71   | cps   |
| Cobalt     | 59-2  | 67      | 87      | 110     | 88      | 24.71  | cps   |
| Copper     | 63-2  | 355380  | 354991  | 357543  | 355971  | 0.39   | cps   |
| Dysprosium | 156-1 | 25      | 8       | 25      | 19      | 49.50  | cps   |
| Dysprosium | 156-2 | 13      | 37      | 13      | 21      | 63.83  | cps   |
| Erbium     | 164-1 | 25      | 42      | 50      | 39      | 32.73  | cps   |
| Erbium     | 164-2 | 17      | 23      | 10      | 17      | 39.99  | cps   |
| Gadolinium | 160-1 | 58      | 50      | 67      | 58      | 14.29  | cps   |
| Gadolinium | 160-2 | 63      | 47      | 40      | 50      | 24.03  | cps   |
| Holmium    | 165-1 | 8272525 | 8168191 | 8001848 | 8147521 | 1.68   | cps   |
| Holmium    | 165-2 | 3561366 | 3539249 | 3555850 | 3552155 | 0.32   | cps   |
| Indium     | 115-1 | 5786793 | 5656419 | 5506089 | 5649767 | 2.49   | cps   |
| Indium     | 115-2 | 993626  | 983150  | 993270  | 990016  | 0.60   | cps   |
| Iron       | 56-2  | 25212   | 23620   | 25771   | 24867   | 4.49   | cps   |
| Iron       | 57-2  | 939     | 1011    | 867     | 939     | 7.69   | cps   |
| Lead       | 206-1 | 2400    | 2217    | 2122    | 2247    | 6.29   | cps   |
| Lead       | 207-1 | 2184    | 2050    | 2395    | 2210    | 7.86   | cps   |
| Lead       | 208-1 | 9524    | 9468    | 9296    | 9429    | 1.26   | cps   |
| Lithium    | 6-1   | 802637  | 783745  | 761359  | 782581  | 2.64   | cps   |
| Magnesium  | 24-2  | 95151   | 96383   | 95411   | 95649   | 0.68   | cps   |
| Manganese  | 55-2  | 6862    | 6965    | 6942    | 6923    | 0.78   | cps   |



LB Number : LB88853 Operator : Jaswal  
 Lab Sample ID : I4278-10 Instrumnet Name : P7  
 Client Sample ID : DC3126-10-FL3-CL317-V Dilution Factor : 1  
 Date & Time Acquired :: 2017-07-19 20:59:47 DataFile Name : 133SMPL\_P7071917 -M

| Parameter  | Mass  | CPS1    | CPS2    | CPS3    | CPSMean | CPSRSD | Units |
|------------|-------|---------|---------|---------|---------|--------|-------|
| Molybdenum | 94-1  | 350     | 417     | 258     | 342     | 23.27  | cps   |
| Molybdenum | 95-1  | 108     | 125     | 167     | 133     | 22.54  | cps   |
| Molybdenum | 96-1  | 158     | 208     | 142     | 169     | 20.48  | cps   |
| Molybdenum | 97-1  | 83      | 58      | 125     | 89      | 37.89  | cps   |
| Molybdenum | 98-1  | 192     | 233     | 150     | 192     | 21.74  | cps   |
| Neodymium  | 150-1 | 27      | 40      | 20      | 29      | 35.25  | cps   |
| Neodymium  | 150-2 | 17      | 3       | 10      | 10      | 66.70  | cps   |
| Nickel     | 60-2  | 330     | 370     | 397     | 366     | 9.18   | cps   |
| Phosphorus | 31-2  | 1117    | 1217    | 992     | 1108    | 10.17  | cps   |
| Potassium  | 39-2  | 65218   | 64014   | 63988   | 64407   | 1.09   | cps   |
| Rhodium    | 103-1 | 4974611 | 4876092 | 4738852 | 4863185 | 2.43   | cps   |
| Rhodium    | 103-2 | 2106380 | 2094619 | 2081696 | 2094232 | 0.59   | cps   |
| Scandium   | 45-1  | 2712343 | 2600576 | 2553182 | 2622034 | 3.12   | cps   |
| Scandium   | 45-2  | 109870  | 108100  | 108815  | 108929  | 0.82   | cps   |
| Selenium   | 77-2  | 0       | 3       | 0       | 1       | 173.21 | cps   |
| Selenium   | 78-2  | 35      | 37      | 33      | 35      | 5.27   | cps   |
| Selenium   | 82-1  | 52      | -44     | 35      | 15      | 353.85 | cps   |
| Silicon    | 28-1  | 2640136 | 2602782 | 2545134 | 2596017 | 1.84   | cps   |
| Silver     | 109-1 | 342     | 317     | 367     | 342     | 7.32   | cps   |
| Silver     | 107-1 | 425     | 425     | 408     | 419     | 2.30   | cps   |
| Sodium     | 23-2  | 1636268 | 1628280 | 1644867 | 1636472 | 0.51   | cps   |
| Strontium  | 86-1  | 34200   | 33599   | 33498   | 33766   | 1.12   | cps   |
| Strontium  | 88-1  | 295979  | 290206  | 280627  | 288937  | 2.68   | cps   |
| Sulfur     | 34-1  | 195752  | 193713  | 193947  | 194471  | 0.57   | cps   |
| Terbium    | 159-1 | 8541758 | 8384334 | 8124787 | 8350293 | 2.52   | cps   |
| Terbium    | 159-2 | 3469885 | 3488569 | 3472806 | 3477087 | 0.29   | cps   |
| Thallium   | 203-1 | 92      | 92      | 67      | 83      | 17.32  | cps   |
| Thallium   | 205-1 | 242     | 200     | 250     | 231     | 11.62  | cps   |
| Tin        | 118-1 | 417     | 467     | 810     | 564     | 37.90  | cps   |
| Titanium   | 47-1  | 392     | 267     | 258     | 306     | 24.44  | cps   |
| Uranium    | 238-1 | 208     | 208     | 183     | 200     | 7.22   | cps   |
| Vanadium   | 51-2  | 83      | 83      | 107     | 91      | 14.78  | cps   |
| Yttrium    | 89-1  | 5620768 | 5470474 | 5314221 | 5468487 | 2.80   | cps   |
| Yttrium    | 89-2  | 709345  | 709392  | 713229  | 710656  | 0.31   | cps   |
| Zinc       | 66-2  | 4587    | 4661    | 4644    | 4631    | 0.83   | cps   |
| Zirconium  | 90-1  | 767     | 683     | 783     | 745     | 7.20   | cps   |

|                         |                       |                   |                     |
|-------------------------|-----------------------|-------------------|---------------------|
| LB Number :             | LB88853               | Operator :        | Jaswal              |
| Lab Sample ID :         | I4278-10              | Instrumnet Name : | P7                  |
| Client Sample ID :      | DC3126-10-FL3-CL317-V | Dilution Factor : | 1                   |
| Date & Time Acquired :: | 2017-07-19 20:59:47   | DataFile Name :   | 133SMPL_P7071917 -M |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|-----------|------|------|------|------|---------|--------|-------|
| Zirconium | 91-1 | 150  | 117  | 158  | 142     | 15.56  | cps   |

LB Number : LB88853 Operator : Jaswal  
 Lab Sample ID : I4278-11 Instrumnet Name : P7  
 Client Sample ID : DC3126-11-FL3-CL317-V Dilution Factor : 1  
 Date & Time Acquired :: 2017-07-19 21:03:19 DataFile Name : 134SMPL\_P7071917 -M

| Parameter  | Mass  | CPS1    | CPS2    | CPS3    | CPSMean | CPSRSD | Units |
|------------|-------|---------|---------|---------|---------|--------|-------|
| Aluminium  | 27-2  | 75      | 75      | 100     | 83      | 17.32  | cps   |
| Antimony   | 121-1 | 83      | 50      | 117     | 83      | 40.00  | cps   |
| Arsenic    | 75-2  | 6       | 4       | 7       | 6       | 33.38  | cps   |
| Barium     | 135-1 | 258     | 125     | 183     | 189     | 35.39  | cps   |
| Barium     | 137-1 | 333     | 375     | 217     | 308     | 26.62  | cps   |
| Beryllium  | 9-1   | 100     | 78      | 72      | 83      | 17.64  | cps   |
| Bismuth    | 209-1 | 5633984 | 5412992 | 5531844 | 5526273 | 2.00   | cps   |
| Bismuth    | 209-2 | 3030262 | 2978156 | 2986104 | 2998174 | 0.94   | cps   |
| Boron      | 10-1  | 800     | 658     | 817     | 758     | 11.47  | cps   |
| Boron      | 11-1  | 3784    | 3659    | 4184    | 3876    | 7.08   | cps   |
| Cadmium    | 111-1 | 1196    | 1264    | 1188    | 1216    | 3.44   | cps   |
| Cadmium    | 106-1 | 1709    | 1800    | 1692    | 1734    | 3.37   | cps   |
| Cadmium    | 108-1 | 0       | 0       | 0       | 0       | 0.00   | cps   |
| Calcium    | 43-1  | 109185  | 106776  | 106449  | 107470  | 1.39   | cps   |
| Calcium    | 44-1  | 1759997 | 1754232 | 1748197 | 1754142 | 0.34   | cps   |
| Chromium   | 52-2  | 247     | 243     | 283     | 258     | 8.61   | cps   |
| Cobalt     | 59-2  | 27      | 40      | 53      | 40      | 33.33  | cps   |
| Copper     | 63-2  | 1123    | 1007    | 1083    | 1071    | 5.54   | cps   |
| Dysprosium | 156-1 | 0       | 0       | 8       | 3       | 173.21 | cps   |
| Dysprosium | 156-2 | 13      | 7       | 0       | 7       | 99.98  | cps   |
| Erbium     | 164-1 | 58      | 42      | 33      | 44      | 28.65  | cps   |
| Erbium     | 164-2 | 23      | 20      | 13      | 19      | 26.96  | cps   |
| Gadolinium | 160-1 | 33      | 33      | 42      | 36      | 13.33  | cps   |
| Gadolinium | 160-2 | 57      | 87      | 43      | 62      | 35.67  | cps   |
| Holmium    | 165-1 | 8374954 | 8205320 | 8311294 | 8297189 | 1.03   | cps   |
| Holmium    | 165-2 | 3763175 | 3717765 | 3738192 | 3739711 | 0.61   | cps   |
| Indium     | 115-1 | 5851091 | 5691077 | 5751322 | 5764497 | 1.40   | cps   |
| Indium     | 115-2 | 1059789 | 1052383 | 1056799 | 1056323 | 0.35   | cps   |
| Iron       | 56-2  | 4645    | 4729    | 4562    | 4645    | 1.79   | cps   |
| Iron       | 57-2  | 367     | 389     | 417     | 391     | 6.41   | cps   |
| Lead       | 206-1 | 1139    | 1061    | 1156    | 1119    | 4.51   | cps   |
| Lead       | 207-1 | 1083    | 1000    | 1011    | 1032    | 4.39   | cps   |
| Lead       | 208-1 | 4656    | 4406    | 4495    | 4519    | 2.80   | cps   |
| Lithium    | 6-1   | 804080  | 788333  | 799062  | 797158  | 1.01   | cps   |
| Magnesium  | 24-2  | 293308  | 291813  | 290514  | 291879  | 0.48   | cps   |
| Manganese  | 55-2  | 567     | 587     | 477     | 543     | 10.78  | cps   |

LB Number : LB88853 Operator : Jaswal  
 Lab Sample ID : I4278-11 Instrumnet Name : P7  
 Client Sample ID : DC3126-11-FL3-CL317-V Dilution Factor : 1  
 Date & Time Acquired :: 2017-07-19 21:03:19 DataFile Name : 134SMPL\_P7071917 -M

| Parameter  | Mass  | CPS1    | CPS2    | CPS3    | CPSMean | CPSRSD  | Units |
|------------|-------|---------|---------|---------|---------|---------|-------|
| Molybdenum | 94-1  | 150     | 83      | 150     | 128     | 30.12   | cps   |
| Molybdenum | 95-1  | 0       | 17      | 33      | 17      | 99.99   | cps   |
| Molybdenum | 96-1  | 42      | 50      | 50      | 47      | 10.18   | cps   |
| Molybdenum | 97-1  | 58      | 67      | 50      | 58      | 14.29   | cps   |
| Molybdenum | 98-1  | 67      | 33      | 50      | 50      | 33.34   | cps   |
| Neodymium  | 150-1 | 0       | 7       | 7       | 4       | 86.60   | cps   |
| Neodymium  | 150-2 | 0       | 0       | 0       | 0       | 0.00    | cps   |
| Nickel     | 60-2  | 177     | 153     | 147     | 159     | 9.91    | cps   |
| Phosphorus | 31-2  | 42      | 75      | 108     | 75      | 44.44   | cps   |
| Potassium  | 39-2  | 21216   | 21158   | 21316   | 21230   | 0.38    | cps   |
| Rhodium    | 103-1 | 4986683 | 4902983 | 4966632 | 4952099 | 0.88    | cps   |
| Rhodium    | 103-2 | 2240101 | 2227206 | 2218834 | 2228714 | 0.48    | cps   |
| Scandium   | 45-1  | 2702330 | 2641631 | 2681530 | 2675163 | 1.15    | cps   |
| Scandium   | 45-2  | 116664  | 115019  | 114163  | 115282  | 1.10    | cps   |
| Selenium   | 77-2  | 0       | 0       | 3       | 1       | 173.21  | cps   |
| Selenium   | 78-2  | 41      | 43      | 50      | 44      | 11.03   | cps   |
| Selenium   | 82-1  | -52     | 23      | -35     | -21     | -183.85 | cps   |
| Silicon    | 28-1  | 218661  | 225593  | 220963  | 221739  | 1.59    | cps   |
| Silver     | 109-1 | 292     | 250     | 192     | 244     | 20.55   | cps   |
| Silver     | 107-1 | 258     | 217     | 300     | 258     | 16.13   | cps   |
| Sodium     | 23-2  | 1111770 | 1104679 | 1103203 | 1106551 | 0.41    | cps   |
| Strontium  | 86-1  | 3075    | 3259    | 3184    | 3173    | 2.91    | cps   |
| Strontium  | 88-1  | 22652   | 21091   | 21233   | 21659   | 3.99    | cps   |
| Sulfur     | 34-1  | 252003  | 252580  | 252158  | 252247  | 0.12    | cps   |
| Terbium    | 159-1 | 8524841 | 8359086 | 8446606 | 8443511 | 0.98    | cps   |
| Terbium    | 159-2 | 3684475 | 3647560 | 3644841 | 3658959 | 0.61    | cps   |
| Thallium   | 203-1 | 125     | 58      | 33      | 72      | 65.61   | cps   |
| Thallium   | 205-1 | 242     | 208     | 175     | 208     | 16.00   | cps   |
| Tin        | 118-1 | 417     | 283     | 200     | 300     | 36.43   | cps   |
| Titanium   | 47-1  | 92      | 67      | 42      | 67      | 37.50   | cps   |
| Uranium    | 238-1 | 25      | 50      | 75      | 50      | 50.00   | cps   |
| Vanadium   | 51-2  | 27      | 10      | 13      | 17      | 52.93   | cps   |
| Yttrium    | 89-1  | 5634301 | 5542043 | 5579666 | 5585337 | 0.83    | cps   |
| Yttrium    | 89-2  | 757188  | 757720  | 752209  | 755706  | 0.40    | cps   |
| Zinc       | 66-2  | 173     | 187     | 177     | 179     | 3.88    | cps   |
| Zirconium  | 90-1  | 283     | 267     | 200     | 250     | 17.64   | cps   |

|                         |                       |                   |                     |
|-------------------------|-----------------------|-------------------|---------------------|
| LB Number :             | LB88853               | Operator :        | Jaswal              |
| Lab Sample ID :         | I4278-11              | Instrumnet Name : | P7                  |
| Client Sample ID :      | DC3126-11-FL3-CL317-V | Dilution Factor : | 1                   |
| Date & Time Acquired :: | 2017-07-19 21:03:19   | DataFile Name :   | 134SMPL_P7071917 -M |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|-----------|------|------|------|------|---------|--------|-------|
| Zirconium | 91-1 | 58   | 67   | 75   | 67      | 12.49  | cps   |

LB Number : LB88853 Operator : Jaswal  
 Lab Sample ID : I4278-12 Instrumnet Name : P7  
 Client Sample ID : DC3126-12-FL3-CL317-V Dilution Factor : 1  
 Date & Time Acquired :: 2017-07-19 21:06:51 DataFile Name : 135SMPL\_P7071917 -M

| Parameter  | Mass  | CPS1    | CPS2    | CPS3    | CPSMean | CPSRSD | Units |
|------------|-------|---------|---------|---------|---------|--------|-------|
| Aluminium  | 27-2  | 17      | 50      | 42      | 36      | 48.03  | cps   |
| Antimony   | 121-1 | 92      | 108     | 117     | 106     | 12.06  | cps   |
| Arsenic    | 75-2  | 13      | 9       | 9       | 10      | 20.36  | cps   |
| Barium     | 135-1 | 150     | 142     | 108     | 133     | 16.54  | cps   |
| Barium     | 137-1 | 242     | 258     | 342     | 281     | 19.10  | cps   |
| Beryllium  | 9-1   | 83      | 72      | 67      | 74      | 11.46  | cps   |
| Bismuth    | 209-1 | 5505289 | 5413544 | 5455409 | 5458081 | 0.84   | cps   |
| Bismuth    | 209-2 | 2997193 | 2970897 | 2952053 | 2973381 | 0.76   | cps   |
| Boron      | 10-1  | 892     | 658     | 792     | 781     | 15.00  | cps   |
| Boron      | 11-1  | 3434    | 3876    | 3934    | 3748    | 7.30   | cps   |
| Cadmium    | 111-1 | 1152    | 1213    | 1127    | 1164    | 3.79   | cps   |
| Cadmium    | 106-1 | 1659    | 1725    | 1609    | 1664    | 3.52   | cps   |
| Cadmium    | 108-1 | 13      | 4       | 4       | 7       | 69.23  | cps   |
| Calcium    | 43-1  | 109612  | 106473  | 106222  | 107436  | 1.76   | cps   |
| Calcium    | 44-1  | 1753320 | 1746862 | 1745638 | 1748607 | 0.24   | cps   |
| Chromium   | 52-2  | 283     | 293     | 277     | 284     | 2.95   | cps   |
| Cobalt     | 59-2  | 37      | 47      | 43      | 42      | 12.06  | cps   |
| Copper     | 63-2  | 990     | 990     | 983     | 988     | 0.39   | cps   |
| Dysprosium | 156-1 | 8       | 0       | 17      | 8       | 100.02 | cps   |
| Dysprosium | 156-2 | 3       | 3       | 17      | 8       | 99.04  | cps   |
| Erbium     | 164-1 | 17      | 42      | 50      | 36      | 48.03  | cps   |
| Erbium     | 164-2 | 20      | 3       | 3       | 9       | 108.30 | cps   |
| Gadolinium | 160-1 | 42      | 17      | 25      | 28      | 45.82  | cps   |
| Gadolinium | 160-2 | 33      | 67      | 73      | 58      | 37.09  | cps   |
| Holmium    | 165-1 | 8218548 | 8105030 | 8271704 | 8198427 | 1.04   | cps   |
| Holmium    | 165-2 | 3735525 | 3703551 | 3698867 | 3712648 | 0.54   | cps   |
| Indium     | 115-1 | 5692700 | 5641550 | 5690311 | 5674854 | 0.51   | cps   |
| Indium     | 115-2 | 1051566 | 1040595 | 1035675 | 1042612 | 0.78   | cps   |
| Iron       | 56-2  | 4845    | 4957    | 4845    | 4882    | 1.32   | cps   |
| Iron       | 57-2  | 456     | 528     | 400     | 461     | 13.89  | cps   |
| Lead       | 206-1 | 900     | 1228    | 1011    | 1046    | 15.93  | cps   |
| Lead       | 207-1 | 956     | 928     | 772     | 885     | 11.16  | cps   |
| Lead       | 208-1 | 4034    | 4161    | 3795    | 3997    | 4.66   | cps   |
| Lithium    | 6-1   | 797897  | 790157  | 797025  | 795027  | 0.53   | cps   |
| Magnesium  | 24-2  | 297659  | 290698  | 294384  | 294247  | 1.18   | cps   |
| Manganese  | 55-2  | 547     | 513     | 700     | 587     | 16.97  | cps   |

|                         |                       |                   |                     |
|-------------------------|-----------------------|-------------------|---------------------|
| LB Number :             | LB88853               | Operator :        | Jaswal              |
| Lab Sample ID :         | I4278-12              | Instrumnet Name : | P7                  |
| Client Sample ID :      | DC3126-12-FL3-CL317-V | Dilution Factor : | 1                   |
| Date & Time Acquired :: | 2017-07-19 21:06:51   | DataFile Name :   | 135SMPL_P7071917 -M |

| Parameter  | Mass  | CPS1    | CPS2    | CPS3    | CPSMean | CPSRSD | Units |
|------------|-------|---------|---------|---------|---------|--------|-------|
| Molybdenum | 94-1  | 108     | 158     | 108     | 125     | 23.09  | cps   |
| Molybdenum | 95-1  | 25      | 25      | 17      | 22      | 21.64  | cps   |
| Molybdenum | 96-1  | 33      | 17      | 92      | 47      | 83.40  | cps   |
| Molybdenum | 97-1  | 58      | 25      | 33      | 39      | 44.61  | cps   |
| Molybdenum | 98-1  | 42      | 42      | 50      | 44      | 10.82  | cps   |
| Neodymium  | 150-1 | 0       | 0       | 0       | 0       | 0.00   | cps   |
| Neodymium  | 150-2 | 0       | 0       | 3       | 1       | 173.21 | cps   |
| Nickel     | 60-2  | 147     | 117     | 213     | 159     | 31.14  | cps   |
| Phosphorus | 31-2  | 50      | 100     | 67      | 72      | 35.26  | cps   |
| Potassium  | 39-2  | 22318   | 21450   | 21158   | 21642   | 2.79   | cps   |
| Rhodium    | 103-1 | 4899787 | 4851641 | 4925327 | 4892252 | 0.76   | cps   |
| Rhodium    | 103-2 | 2232003 | 2199233 | 2185831 | 2205689 | 1.08   | cps   |
| Scandium   | 45-1  | 2665185 | 2636332 | 2608153 | 2636557 | 1.08   | cps   |
| Scandium   | 45-2  | 114593  | 113493  | 114169  | 114085  | 0.49   | cps   |
| Selenium   | 77-2  | 0       | 0       | 0       | 0       | 0.00   | cps   |
| Selenium   | 78-2  | 43      | 35      | 33      | 37      | 13.23  | cps   |
| Selenium   | 82-1  | 6       | 61      | 37      | 35      | 78.56  | cps   |
| Silicon    | 28-1  | 218001  | 214883  | 214917  | 215933  | 0.83   | cps   |
| Silver     | 109-1 | 317     | 175     | 233     | 242     | 29.46  | cps   |
| Silver     | 107-1 | 217     | 225     | 250     | 231     | 7.53   | cps   |
| Sodium     | 23-2  | 1105806 | 1099490 | 1101382 | 1102226 | 0.29   | cps   |
| Strontium  | 86-1  | 3100    | 3326    | 3301    | 3242    | 3.80   | cps   |
| Strontium  | 88-1  | 21283   | 21717   | 22218   | 21740   | 2.15   | cps   |
| Sulfur     | 34-1  | 249686  | 249090  | 248792  | 249190  | 0.18   | cps   |
| Terbium    | 159-1 | 8408975 | 8295680 | 8432263 | 8378973 | 0.87   | cps   |
| Terbium    | 159-2 | 3659359 | 3638422 | 3616025 | 3637935 | 0.60   | cps   |
| Thallium   | 203-1 | 108     | 58      | 117     | 94      | 33.40  | cps   |
| Thallium   | 205-1 | 192     | 133     | 175     | 167     | 18.03  | cps   |
| Tin        | 118-1 | 275     | 258     | 233     | 256     | 8.21   | cps   |
| Titanium   | 47-1  | 58      | 83      | 42      | 61      | 34.32  | cps   |
| Uranium    | 238-1 | 67      | 50      | 58      | 58      | 14.29  | cps   |
| Vanadium   | 51-2  | 27      | 13      | 20      | 20      | 33.35  | cps   |
| Yttrium    | 89-1  | 5537835 | 5492790 | 5520001 | 5516875 | 0.41   | cps   |
| Yttrium    | 89-2  | 757644  | 744957  | 744912  | 749171  | 0.98   | cps   |
| Zinc       | 66-2  | 213     | 213     | 223     | 217     | 2.66   | cps   |
| Zirconium  | 90-1  | 258     | 233     | 208     | 233     | 10.72  | cps   |

|                         |                       |                   |                     |
|-------------------------|-----------------------|-------------------|---------------------|
| LB Number :             | LB88853               | Operator :        | Jaswal              |
| Lab Sample ID :         | I4278-12              | Instrumnet Name : | P7                  |
| Client Sample ID :      | DC3126-12-FL3-CL317-V | Dilution Factor : | 1                   |
| Date & Time Acquired :: | 2017-07-19 21:06:51   | DataFile Name :   | 135SMPL_P7071917 -M |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|-----------|------|------|------|------|---------|--------|-------|
| Zirconium | 91-1 | 50   | 83   | 67   | 67      | 25.00  | cps   |



LB Number : LB88853 Operator : Jaswal  
 Lab Sample ID : I4278-13 Instrumnet Name : P7  
 Client Sample ID : DC3126-13-FL3-BRCSIN Dilution Factor : 1  
 Date & Time Acquired :: 2017-07-19 21:10:23 DataFile Name : 136SMPL\_P7071917 -M

| Parameter  | Mass  | CPS1    | CPS2    | CPS3    | CPSMean | CPSRSD | Units |
|------------|-------|---------|---------|---------|---------|--------|-------|
| Aluminium  | 27-2  | 525     | 658     | 658     | 614     | 12.54  | cps   |
| Antimony   | 121-1 | 367     | 383     | 325     | 358     | 8.39   | cps   |
| Arsenic    | 75-2  | 69      | 54      | 50      | 57      | 17.07  | cps   |
| Barium     | 135-1 | 29683   | 28647   | 28279   | 28870   | 2.52   | cps   |
| Barium     | 137-1 | 51053   | 49172   | 49280   | 49835   | 2.12   | cps   |
| Beryllium  | 9-1   | 83      | 94      | 44      | 74      | 35.44  | cps   |
| Bismuth    | 209-1 | 5497423 | 5717260 | 5738197 | 5650960 | 2.36   | cps   |
| Bismuth    | 209-2 | 2949344 | 3018635 | 3071277 | 3013085 | 2.03   | cps   |
| Boron      | 10-1  | 525     | 617     | 517     | 553     | 10.04  | cps   |
| Boron      | 11-1  | 2892    | 3301    | 3276    | 3156    | 7.25   | cps   |
| Cadmium    | 111-1 | 1374    | 1286    | 1270    | 1310    | 4.29   | cps   |
| Cadmium    | 106-1 | 1942    | 1834    | 1817    | 1864    | 3.64   | cps   |
| Cadmium    | 108-1 | 8       | 8       | 8       | 8       | 0.00   | cps   |
| Calcium    | 43-1  | 71072   | 72444   | 69858   | 71125   | 1.82   | cps   |
| Calcium    | 44-1  | 1176289 | 1168236 | 1158308 | 1167611 | 0.77   | cps   |
| Chromium   | 52-2  | 403     | 310     | 303     | 339     | 16.50  | cps   |
| Cobalt     | 59-2  | 87      | 140     | 93      | 107     | 27.24  | cps   |
| Copper     | 63-2  | 347925  | 345499  | 342885  | 345436  | 0.73   | cps   |
| Dysprosium | 156-1 | 33      | 50      | 50      | 44      | 21.66  | cps   |
| Dysprosium | 156-2 | 17      | 20      | 7       | 14      | 48.02  | cps   |
| Erbium     | 164-1 | 25      | 25      | 25      | 25      | 0.00   | cps   |
| Erbium     | 164-2 | 33      | 57      | 10      | 33      | 70.01  | cps   |
| Gadolinium | 160-1 | 42      | 42      | 92      | 58      | 49.48  | cps   |
| Gadolinium | 160-2 | 93      | 87      | 93      | 91      | 4.23   | cps   |
| Holmium    | 165-1 | 8184784 | 8471838 | 8327511 | 8328045 | 1.72   | cps   |
| Holmium    | 165-2 | 3700281 | 3742854 | 3750446 | 3731194 | 0.72   | cps   |
| Indium     | 115-1 | 5731887 | 5863116 | 5791271 | 5795425 | 1.13   | cps   |
| Indium     | 115-2 | 1032276 | 1053694 | 1050920 | 1045630 | 1.11   | cps   |
| Iron       | 56-2  | 38118   | 38282   | 37601   | 38000   | 0.94   | cps   |
| Iron       | 57-2  | 1178    | 1111    | 1372    | 1220    | 11.12  | cps   |
| Lead       | 206-1 | 3712    | 3567    | 3645    | 3641    | 1.99   | cps   |
| Lead       | 207-1 | 3195    | 3134    | 3028    | 3119    | 2.70   | cps   |
| Lead       | 208-1 | 14865   | 14498   | 14537   | 14633   | 1.38   | cps   |
| Lithium    | 6-1   | 796468  | 805536  | 801087  | 801030  | 0.57   | cps   |
| Magnesium  | 24-2  | 101483  | 101425  | 102104  | 101671  | 0.37   | cps   |
| Manganese  | 55-2  | 9560    | 8923    | 9326    | 9270    | 3.48   | cps   |

|                         |                       |                   |                     |
|-------------------------|-----------------------|-------------------|---------------------|
| LB Number :             | LB88853               | Operator :        | Jaswal              |
| Lab Sample ID :         | I4278-13              | Instrumnet Name : | P7                  |
| Client Sample ID :      | DC3126-13-FL3-BRC SIN | Dilution Factor : | 1                   |
| Date & Time Acquired :: | 2017-07-19 21:10:23   | DataFile Name :   | 136SMPL_P7071917 -M |

| Parameter  | Mass  | CPS1    | CPS2    | CPS3    | CPSMean | CPSRSD | Units |
|------------|-------|---------|---------|---------|---------|--------|-------|
| Molybdenum | 94-1  | 400     | 333     | 442     | 392     | 13.95  | cps   |
| Molybdenum | 95-1  | 125     | 92      | 125     | 114     | 16.90  | cps   |
| Molybdenum | 96-1  | 183     | 192     | 167     | 181     | 7.05   | cps   |
| Molybdenum | 97-1  | 92      | 117     | 58      | 89      | 32.92  | cps   |
| Molybdenum | 98-1  | 283     | 175     | 200     | 219     | 25.85  | cps   |
| Neodymium  | 150-1 | 47      | 7       | 27      | 27      | 74.99  | cps   |
| Neodymium  | 150-2 | 3       | 13      | 7       | 8       | 65.47  | cps   |
| Nickel     | 60-2  | 8996    | 9010    | 9223    | 9076    | 1.40   | cps   |
| Phosphorus | 31-2  | 1100    | 1308    | 1267    | 1225    | 9.00   | cps   |
| Potassium  | 39-2  | 66500   | 68057   | 67663   | 67407   | 1.20   | cps   |
| Rhodium    | 103-1 | 4930045 | 5022729 | 4946942 | 4966572 | 0.99   | cps   |
| Rhodium    | 103-2 | 2174712 | 2227551 | 2209859 | 2204041 | 1.22   | cps   |
| Scandium   | 45-1  | 2636266 | 2731329 | 2739989 | 2702528 | 2.13   | cps   |
| Scandium   | 45-2  | 112825  | 115281  | 117743  | 115283  | 2.13   | cps   |
| Selenium   | 77-2  | 0       | 0       | 3       | 1       | 173.21 | cps   |
| Selenium   | 78-2  | 67      | 43      | 44      | 51      | 26.16  | cps   |
| Selenium   | 82-1  | 2       | 33      | 14      | 16      | 95.12  | cps   |
| Silicon    | 28-1  | 2693788 | 2652678 | 2658002 | 2668156 | 0.84   | cps   |
| Silver     | 109-1 | 350     | 383     | 275     | 336     | 16.51  | cps   |
| Silver     | 107-1 | 325     | 350     | 317     | 331     | 5.25   | cps   |
| Sodium     | 23-2  | 1711649 | 1694217 | 1704925 | 1703597 | 0.52   | cps   |
| Strontium  | 86-1  | 34567   | 34200   | 33423   | 34063   | 1.72   | cps   |
| Strontium  | 88-1  | 294340  | 294813  | 289806  | 292986  | 0.94   | cps   |
| Sulfur     | 34-1  | 206208  | 198193  | 198194  | 200865  | 2.30   | cps   |
| Terbium    | 159-1 | 8439333 | 8633431 | 8488448 | 8520404 | 1.18   | cps   |
| Terbium    | 159-2 | 3631410 | 3686585 | 3672762 | 3663586 | 0.78   | cps   |
| Thallium   | 203-1 | 158     | 208     | 183     | 183     | 13.64  | cps   |
| Thallium   | 205-1 | 408     | 417     | 375     | 400     | 5.51   | cps   |
| Tin        | 118-1 | 700     | 667     | 608     | 658     | 7.05   | cps   |
| Titanium   | 47-1  | 400     | 258     | 250     | 303     | 27.84  | cps   |
| Uranium    | 238-1 | 233     | 300     | 258     | 264     | 12.76  | cps   |
| Vanadium   | 51-2  | 97      | 73      | 80      | 83      | 14.43  | cps   |
| Yttrium    | 89-1  | 5503415 | 5685279 | 5631760 | 5606818 | 1.67   | cps   |
| Yttrium    | 89-2  | 745306  | 755066  | 749844  | 750072  | 0.65   | cps   |
| Zinc       | 66-2  | 75098   | 74539   | 75313   | 74983   | 0.53   | cps   |
| Zirconium  | 90-1  | 758     | 942     | 867     | 856     | 10.77  | cps   |

|                         |                       |                   |                     |
|-------------------------|-----------------------|-------------------|---------------------|
| LB Number :             | LB88853               | Operator :        | Jaswal              |
| Lab Sample ID :         | I4278-13              | Instrumnet Name : | P7                  |
| Client Sample ID :      | DC3126-13-FL3-BRC SIN | Dilution Factor : | 1                   |
| Date & Time Acquired :: | 2017-07-19 21:10:23   | DataFile Name :   | 136SMPL_P7071917 -M |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|-----------|------|------|------|------|---------|--------|-------|
| Zirconium | 91-1 | 175  | 208  | 175  | 186     | 10.34  | cps   |

LB Number : LB88853 Operator : Jaswal  
 Lab Sample ID : I4278-14 Instrumnet Name : P7  
 Client Sample ID : DC3126-14-FL3-BRC SIN Dilution Factor : 1  
 Date & Time Acquired :: 2017-07-19 21:13:54 DataFile Name : 137SMPL\_P7071917 -M

| Parameter  | Mass  | CPS1    | CPS2    | CPS3    | CPSMean | CPSRSD | Units |
|------------|-------|---------|---------|---------|---------|--------|-------|
| Aluminium  | 27-2  | 500     | 475     | 517     | 497     | 4.22   | cps   |
| Antimony   | 121-1 | 317     | 358     | 317     | 331     | 7.28   | cps   |
| Arsenic    | 75-2  | 57      | 52      | 43      | 51      | 14.79  | cps   |
| Barium     | 135-1 | 29090   | 27954   | 29407   | 28817   | 2.65   | cps   |
| Barium     | 137-1 | 50819   | 49974   | 49899   | 50231   | 1.02   | cps   |
| Beryllium  | 9-1   | 78      | 56      | 72      | 69      | 16.88  | cps   |
| Bismuth    | 209-1 | 5320081 | 5353148 | 5456587 | 5376605 | 1.32   | cps   |
| Bismuth    | 209-2 | 2884992 | 2856696 | 2923264 | 2888317 | 1.16   | cps   |
| Boron      | 10-1  | 492     | 767     | 583     | 614     | 22.81  | cps   |
| Boron      | 11-1  | 2784    | 2825    | 3017    | 2875    | 4.33   | cps   |
| Cadmium    | 111-1 | 1390    | 1161    | 1177    | 1243    | 10.28  | cps   |
| Cadmium    | 106-1 | 1984    | 1658    | 1675    | 1772    | 10.33  | cps   |
| Cadmium    | 108-1 | 4       | 0       | 0       | 1       | 173.21 | cps   |
| Calcium    | 43-1  | 70008   | 71649   | 69899   | 70519   | 1.39   | cps   |
| Calcium    | 44-1  | 1156682 | 1146925 | 1142552 | 1148720 | 0.63   | cps   |
| Chromium   | 52-2  | 320     | 373     | 397     | 363     | 10.82  | cps   |
| Cobalt     | 59-2  | 70      | 90      | 93      | 84      | 14.95  | cps   |
| Copper     | 63-2  | 317103  | 319018  | 320515  | 318879  | 0.54   | cps   |
| Dysprosium | 156-1 | 75      | 17      | 17      | 36      | 93.25  | cps   |
| Dysprosium | 156-2 | 10      | 13      | 17      | 13      | 25.01  | cps   |
| Erbium     | 164-1 | 50      | 83      | 50      | 61      | 31.50  | cps   |
| Erbium     | 164-2 | 13      | 27      | 17      | 19      | 36.75  | cps   |
| Gadolinium | 160-1 | 100     | 33      | 67      | 67      | 50.00  | cps   |
| Gadolinium | 160-2 | 43      | 87      | 90      | 73      | 35.50  | cps   |
| Holmium    | 165-1 | 7957247 | 8085256 | 8097004 | 8046502 | 0.96   | cps   |
| Holmium    | 165-2 | 3623967 | 3617391 | 3676922 | 3639427 | 0.90   | cps   |
| Indium     | 115-1 | 5551007 | 5608403 | 5614808 | 5591406 | 0.63   | cps   |
| Indium     | 115-2 | 1023471 | 1020452 | 1023460 | 1022461 | 0.17   | cps   |
| Iron       | 56-2  | 27705   | 30605   | 27327   | 28545   | 6.28   | cps   |
| Iron       | 57-2  | 895     | 844     | 845     | 861     | 3.35   | cps   |
| Lead       | 206-1 | 2634    | 2628    | 2523    | 2595    | 2.41   | cps   |
| Lead       | 207-1 | 2050    | 2345    | 2034    | 2143    | 8.17   | cps   |
| Lead       | 208-1 | 10346   | 10519   | 10080   | 10315   | 2.14   | cps   |
| Lithium    | 6-1   | 778054  | 785192  | 786407  | 783217  | 0.58   | cps   |
| Magnesium  | 24-2  | 100797  | 99999   | 100913  | 100570  | 0.50   | cps   |
| Manganese  | 55-2  | 7742    | 7482    | 7746    | 7657    | 1.97   | cps   |

LB Number : LB88853 Operator : Jaswal  
 Lab Sample ID : I4278-14 Instrumnet Name : P7  
 Client Sample ID : DC3126-14-FL3-BRC SIN Dilution Factor : 1  
 Date & Time Acquired :: 2017-07-19 21:13:54 DataFile Name : 137SMPL\_P7071917 -M

| Parameter  | Mass  | CPS1    | CPS2    | CPS3    | CPSMean | CPSRSD | Units |
|------------|-------|---------|---------|---------|---------|--------|-------|
| Molybdenum | 94-1  | 342     | 258     | 217     | 272     | 23.38  | cps   |
| Molybdenum | 95-1  | 150     | 100     | 58      | 103     | 44.65  | cps   |
| Molybdenum | 96-1  | 192     | 150     | 225     | 189     | 19.89  | cps   |
| Molybdenum | 97-1  | 100     | 58      | 133     | 97      | 38.65  | cps   |
| Molybdenum | 98-1  | 192     | 175     | 208     | 192     | 8.69   | cps   |
| Neodymium  | 150-1 | 47      | 40      | 33      | 40      | 16.68  | cps   |
| Neodymium  | 150-2 | 10      | 13      | 7       | 10      | 33.30  | cps   |
| Nickel     | 60-2  | 973     | 953     | 947     | 958     | 1.45   | cps   |
| Phosphorus | 31-2  | 1392    | 1467    | 1375    | 1411    | 3.46   | cps   |
| Potassium  | 39-2  | 65671   | 66659   | 65914   | 66081   | 0.78   | cps   |
| Rhodium    | 103-1 | 4763996 | 4840096 | 4803465 | 4802519 | 0.79   | cps   |
| Rhodium    | 103-2 | 2148987 | 2142030 | 2165326 | 2152114 | 0.56   | cps   |
| Scandium   | 45-1  | 2577443 | 2616436 | 2645705 | 2613195 | 1.31   | cps   |
| Scandium   | 45-2  | 111277  | 111310  | 112453  | 111680  | 0.60   | cps   |
| Selenium   | 77-2  | 0       | 0       | 0       | 0       | 0.00   | cps   |
| Selenium   | 78-2  | 50      | 37      | 24      | 37      | 35.01  | cps   |
| Selenium   | 82-1  | -9      | 8       | 31      | 10      | 193.52 | cps   |
| Silicon    | 28-1  | 2661063 | 2634486 | 2595143 | 2630231 | 1.26   | cps   |
| Silver     | 109-1 | 408     | 392     | 433     | 411     | 5.10   | cps   |
| Silver     | 107-1 | 417     | 392     | 425     | 411     | 4.22   | cps   |
| Sodium     | 23-2  | 1705223 | 1705826 | 1697162 | 1702737 | 0.28   | cps   |
| Strontium  | 86-1  | 34684   | 35612   | 34125   | 34807   | 2.16   | cps   |
| Strontium  | 88-1  | 296522  | 297661  | 292424  | 295536  | 0.93   | cps   |
| Sulfur     | 34-1  | 195415  | 198065  | 193794  | 195758  | 1.10   | cps   |
| Terbium    | 159-1 | 8163422 | 8330114 | 8286586 | 8260041 | 1.05   | cps   |
| Terbium    | 159-2 | 3568853 | 3560154 | 3602648 | 3577218 | 0.63   | cps   |
| Thallium   | 203-1 | 100     | 75      | 108     | 94      | 18.37  | cps   |
| Thallium   | 205-1 | 217     | 183     | 158     | 186     | 15.73  | cps   |
| Tin        | 118-1 | 433     | 383     | 467     | 428     | 9.81   | cps   |
| Titanium   | 47-1  | 300     | 342     | 225     | 289     | 20.47  | cps   |
| Uranium    | 238-1 | 150     | 150     | 200     | 167     | 17.32  | cps   |
| Vanadium   | 51-2  | 113     | 117     | 117     | 116     | 1.66   | cps   |
| Yttrium    | 89-1  | 5390667 | 5450108 | 5436763 | 5425846 | 0.57   | cps   |
| Yttrium    | 89-2  | 734135  | 734879  | 735829  | 734948  | 0.12   | cps   |
| Zinc       | 66-2  | 4304    | 4497    | 4367    | 4390    | 2.25   | cps   |
| Zirconium  | 90-1  | 867     | 842     | 650     | 786     | 15.08  | cps   |

|                         |                       |                   |                     |
|-------------------------|-----------------------|-------------------|---------------------|
| LB Number :             | LB88853               | Operator :        | Jaswal              |
| Lab Sample ID :         | I4278-14              | Instrumnet Name : | P7                  |
| Client Sample ID :      | DC3126-14-FL3-BRC SIN | Dilution Factor : | 1                   |
| Date & Time Acquired :: | 2017-07-19 21:13:54   | DataFile Name :   | 137SMPL_P7071917 -M |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|-----------|------|------|------|------|---------|--------|-------|
| Zirconium | 91-1 | 133  | 275  | 158  | 189     | 40.03  | cps   |

LB Number : LB88853 Operator : Jaswal  
 Lab Sample ID : I4278-15 Instrumnet Name : P7  
 Client Sample ID : DC3126-15-FL3-BRK-W2 Dilution Factor : 1  
 Date & Time Acquired :: 2017-07-19 21:17:25 DataFile Name : 138SMPL\_P7071917 -M1

| Parameter  | Mass  | CPS1    | CPS2    | CPS3    | CPSMean | CPSRSD | Units |
|------------|-------|---------|---------|---------|---------|--------|-------|
| Aluminium  | 27-2  | 683     | 767     | 642     | 697     | 9.13   | cps   |
| Antimony   | 121-1 | 392     | 358     | 283     | 344     | 16.11  | cps   |
| Arsenic    | 75-2  | 67      | 44      | 39      | 50      | 29.40  | cps   |
| Barium     | 135-1 | 28898   | 28447   | 27420   | 28255   | 2.68   | cps   |
| Barium     | 137-1 | 49891   | 48570   | 49480   | 49314   | 1.37   | cps   |
| Beryllium  | 9-1   | 61      | 39      | 56      | 52      | 22.30  | cps   |
| Bismuth    | 209-1 | 5486588 | 5475160 | 5457576 | 5473108 | 0.27   | cps   |
| Bismuth    | 209-2 | 2915774 | 2866509 | 2804381 | 2862221 | 1.95   | cps   |
| Boron      | 10-1  | 625     | 750     | 633     | 669     | 10.44  | cps   |
| Boron      | 11-1  | 3192    | 3292    | 3092    | 3192    | 3.13   | cps   |
| Cadmium    | 111-1 | 1255    | 1138    | 1270    | 1221    | 5.92   | cps   |
| Cadmium    | 106-1 | 1775    | 1617    | 1784    | 1725    | 5.44   | cps   |
| Cadmium    | 108-1 | 13      | 21      | 17      | 17      | 24.99  | cps   |
| Calcium    | 43-1  | 70410   | 70477   | 70569   | 70485   | 0.11   | cps   |
| Calcium    | 44-1  | 1155993 | 1144497 | 1148952 | 1149814 | 0.50   | cps   |
| Chromium   | 52-2  | 433     | 393     | 250     | 359     | 26.86  | cps   |
| Cobalt     | 59-2  | 130     | 183     | 167     | 160     | 17.05  | cps   |
| Copper     | 63-2  | 353317  | 343523  | 343922  | 346921  | 1.60   | cps   |
| Dysprosium | 156-1 | 33      | 67      | 8       | 36      | 81.06  | cps   |
| Dysprosium | 156-2 | 10      | 10      | 30      | 17      | 69.28  | cps   |
| Erbium     | 164-1 | 75      | 67      | 75      | 72      | 6.66   | cps   |
| Erbium     | 164-2 | 23      | 53      | 17      | 31      | 62.77  | cps   |
| Gadolinium | 160-1 | 58      | 42      | 108     | 69      | 49.96  | cps   |
| Gadolinium | 160-2 | 83      | 47      | 70      | 67      | 27.84  | cps   |
| Holmium    | 165-1 | 8185367 | 8231270 | 8229087 | 8215241 | 0.32   | cps   |
| Holmium    | 165-2 | 3669612 | 3583077 | 3541517 | 3598069 | 1.82   | cps   |
| Indium     | 115-1 | 5699026 | 5688707 | 5661334 | 5683022 | 0.34   | cps   |
| Indium     | 115-2 | 1021355 | 1006840 | 990756  | 1006317 | 1.52   | cps   |
| Iron       | 56-2  | 57659   | 56963   | 56153   | 56925   | 1.32   | cps   |
| Iron       | 57-2  | 1567    | 1511    | 1700    | 1593    | 6.10   | cps   |
| Lead       | 206-1 | 6919    | 6624    | 6619    | 6720    | 2.56   | cps   |
| Lead       | 207-1 | 5162    | 5418    | 5451    | 5344    | 2.96   | cps   |
| Lead       | 208-1 | 25916   | 26194   | 25343   | 25818   | 1.68   | cps   |
| Lithium    | 6-1   | 796497  | 795671  | 790954  | 794374  | 0.38   | cps   |
| Magnesium  | 24-2  | 102540  | 98799   | 101308  | 100882  | 1.89   | cps   |
| Manganese  | 55-2  | 9964    | 9400    | 9623    | 9662    | 2.94   | cps   |

LB Number : LB88853 Operator : Jaswal  
 Lab Sample ID : I4278-15 Instrumnet Name : P7  
 Client Sample ID : DC3126-15-FL3-BRK-W2 Dilution Factor : 1  
 Date & Time Acquired :: 2017-07-19 21:17:25 DataFile Name : 138SMPL\_P7071917 -M

| Parameter  | Mass  | CPS1    | CPS2    | CPS3    | CPSMean | CPSRSD | Units |
|------------|-------|---------|---------|---------|---------|--------|-------|
| Molybdenum | 94-1  | 325     | 400     | 300     | 342     | 15.23  | cps   |
| Molybdenum | 95-1  | 117     | 108     | 92      | 106     | 12.06  | cps   |
| Molybdenum | 96-1  | 225     | 158     | 117     | 167     | 32.79  | cps   |
| Molybdenum | 97-1  | 100     | 67      | 167     | 111     | 45.83  | cps   |
| Molybdenum | 98-1  | 150     | 200     | 233     | 194     | 21.57  | cps   |
| Neodymium  | 150-1 | 47      | 40      | 47      | 44      | 8.66   | cps   |
| Neodymium  | 150-2 | 27      | 47      | 10      | 28      | 66.10  | cps   |
| Nickel     | 60-2  | 3284    | 3284    | 3334    | 3300    | 0.87   | cps   |
| Phosphorus | 31-2  | 1058    | 1317    | 1150    | 1175    | 11.15  | cps   |
| Potassium  | 39-2  | 67663   | 67747   | 68400   | 67937   | 0.59   | cps   |
| Rhodium    | 103-1 | 4907660 | 4878487 | 4867074 | 4884407 | 0.43   | cps   |
| Rhodium    | 103-2 | 2160978 | 2115956 | 2085213 | 2120716 | 1.80   | cps   |
| Scandium   | 45-1  | 2657571 | 2655333 | 2636359 | 2649754 | 0.44   | cps   |
| Scandium   | 45-2  | 112570  | 109514  | 108319  | 110134  | 1.99   | cps   |
| Selenium   | 77-2  | 0       | 0       | 0       | 0       | 0.00   | cps   |
| Selenium   | 78-2  | 46      | 39      | 26      | 37      | 27.84  | cps   |
| Selenium   | 82-1  | 56      | -50     | 67      | 24      | 265.07 | cps   |
| Silicon    | 28-1  | 2704785 | 2690132 | 2672044 | 2688987 | 0.61   | cps   |
| Silver     | 109-1 | 250     | 383     | 350     | 328     | 21.17  | cps   |
| Silver     | 107-1 | 350     | 350     | 467     | 389     | 17.32  | cps   |
| Sodium     | 23-2  | 1695422 | 1653607 | 1639256 | 1662762 | 1.75   | cps   |
| Strontium  | 86-1  | 34593   | 33198   | 33415   | 33735   | 2.22   | cps   |
| Strontium  | 88-1  | 291556  | 287686  | 288584  | 289275  | 0.70   | cps   |
| Sulfur     | 34-1  | 195146  | 192503  | 192874  | 193508  | 0.74   | cps   |
| Terbium    | 159-1 | 8429717 | 8401131 | 8317906 | 8382918 | 0.69   | cps   |
| Terbium    | 159-2 | 3589065 | 3509929 | 3466827 | 3521941 | 1.76   | cps   |
| Thallium   | 203-1 | 150     | 150     | 192     | 164     | 14.68  | cps   |
| Thallium   | 205-1 | 483     | 492     | 592     | 522     | 11.54  | cps   |
| Tin        | 118-1 | 775     | 817     | 817     | 803     | 3.00   | cps   |
| Titanium   | 47-1  | 417     | 350     | 508     | 425     | 18.71  | cps   |
| Uranium    | 238-1 | 308     | 300     | 292     | 300     | 2.78   | cps   |
| Vanadium   | 51-2  | 103     | 113     | 63      | 93      | 28.35  | cps   |
| Yttrium    | 89-1  | 5565553 | 5520146 | 5507126 | 5530942 | 0.55   | cps   |
| Yttrium    | 89-2  | 738204  | 718745  | 713442  | 723464  | 1.80   | cps   |
| Zinc       | 66-2  | 95865   | 93366   | 93225   | 94152   | 1.58   | cps   |
| Zirconium  | 90-1  | 758     | 675     | 625     | 686     | 9.82   | cps   |



|                         |                      |                   |                      |
|-------------------------|----------------------|-------------------|----------------------|
| LB Number :             | LB88853              | Operator :        | Jaswal               |
| Lab Sample ID :         | I4278-15             | Instrumnet Name : | P7                   |
| Client Sample ID :      | DC3126-15-FL3-BRK-W2 | Dilution Factor : | 1                    |
| Date & Time Acquired :: | 2017-07-19 21:17:25  | DataFile Name :   | 138SMPL_P7071917 -M1 |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|-----------|------|------|------|------|---------|--------|-------|
| Zirconium | 91-1 | 183  | 9286 | 117  | 3195    | 165.08 | cps   |

LB Number : LB88853 Operator : Jaswal  
 Lab Sample ID : I4278-16 Instrumnet Name : P7  
 Client Sample ID : DC3126-16-FL3-BRK-W2 Dilution Factor : 1  
 Date & Time Acquired :: 2017-07-19 21:20:57 DataFile Name : 139SMPL\_P7071917 -M1

| Parameter  | Mass  | CPS1    | CPS2    | CPS3    | CPSMean | CPSRSD | Units |
|------------|-------|---------|---------|---------|---------|--------|-------|
| Aluminium  | 27-2  | 500     | 492     | 1211    | 734     | 56.24  | cps   |
| Antimony   | 121-1 | 325     | 367     | 325     | 339     | 7.10   | cps   |
| Arsenic    | 75-2  | 39      | 31      | 52      | 41      | 25.31  | cps   |
| Barium     | 135-1 | 26960   | 25867   | 26701   | 26509   | 2.16   | cps   |
| Barium     | 137-1 | 47039   | 46287   | 46077   | 46468   | 1.09   | cps   |
| Beryllium  | 9-1   | 72      | 56      | 72      | 67      | 14.43  | cps   |
| Bismuth    | 209-1 | 5339581 | 5276802 | 5333435 | 5316606 | 0.65   | cps   |
| Bismuth    | 209-2 | 2862059 | 2824905 | 2787518 | 2824827 | 1.32   | cps   |
| Boron      | 10-1  | 575     | 517     | 750     | 614     | 19.78  | cps   |
| Boron      | 11-1  | 2759    | 2975    | 2575    | 2770    | 7.23   | cps   |
| Cadmium    | 111-1 | 1228    | 1169    | 1097    | 1165    | 5.61   | cps   |
| Cadmium    | 106-1 | 1759    | 1675    | 1550    | 1661    | 6.31   | cps   |
| Cadmium    | 108-1 | 17      | 17      | 13      | 15      | 15.76  | cps   |
| Calcium    | 43-1  | 69029   | 68282   | 68132   | 68481   | 0.70   | cps   |
| Calcium    | 44-1  | 1123112 | 1109556 | 1105097 | 1112588 | 0.84   | cps   |
| Chromium   | 52-2  | 410     | 333     | 330     | 358     | 12.65  | cps   |
| Cobalt     | 59-2  | 53      | 83      | 77      | 71      | 22.15  | cps   |
| Copper     | 63-2  | 316805  | 317910  | 321363  | 318692  | 0.75   | cps   |
| Dysprosium | 156-1 | 25      | 25      | 58      | 36      | 53.30  | cps   |
| Dysprosium | 156-2 | 10      | 27      | 13      | 17      | 52.93  | cps   |
| Erbium     | 164-1 | 58      | 83      | 25      | 56      | 52.68  | cps   |
| Erbium     | 164-2 | 7       | 20      | 20      | 16      | 49.47  | cps   |
| Gadolinium | 160-1 | 42      | 75      | 58      | 58      | 28.57  | cps   |
| Gadolinium | 160-2 | 93      | 67      | 93      | 84      | 18.23  | cps   |
| Holmium    | 165-1 | 7940841 | 7890950 | 8007386 | 7946392 | 0.74   | cps   |
| Holmium    | 165-2 | 3560543 | 3545361 | 3568064 | 3557989 | 0.33   | cps   |
| Indium     | 115-1 | 5515085 | 5505436 | 5504106 | 5508209 | 0.11   | cps   |
| Indium     | 115-2 | 1011042 | 995797  | 997346  | 1001395 | 0.84   | cps   |
| Iron       | 56-2  | 29911   | 30664   | 30083   | 30219   | 1.30   | cps   |
| Iron       | 57-2  | 833     | 995     | 1083    | 970     | 13.06  | cps   |
| Lead       | 206-1 | 2823    | 2761    | 2745    | 2776    | 1.48   | cps   |
| Lead       | 207-1 | 2517    | 2411    | 2184    | 2371    | 7.19   | cps   |
| Lead       | 208-1 | 11030   | 11247   | 10758   | 11011   | 2.23   | cps   |
| Lithium    | 6-1   | 774039  | 769307  | 768571  | 770639  | 0.39   | cps   |
| Magnesium  | 24-2  | 94916   | 95906   | 94825   | 95216   | 0.63   | cps   |
| Manganese  | 55-2  | 8960    | 8716    | 8676    | 8784    | 1.75   | cps   |

LB Number : LB88853 Operator : Jaswal  
 Lab Sample ID : I4278-16 Instrumnet Name : P7  
 Client Sample ID : DC3126-16-FL3-BRK-W2 Dilution Factor : 1  
 Date & Time Acquired :: 2017-07-19 21:20:57 DataFile Name : 139SMPL\_P7071917 -M

| Parameter  | Mass  | CPS1    | CPS2    | CPS3    | CPSMean | CPSRSD | Units |
|------------|-------|---------|---------|---------|---------|--------|-------|
| Molybdenum | 94-1  | 308     | 283     | 342     | 311     | 9.41   | cps   |
| Molybdenum | 95-1  | 108     | 92      | 100     | 100     | 8.33   | cps   |
| Molybdenum | 96-1  | 200     | 167     | 258     | 208     | 22.27  | cps   |
| Molybdenum | 97-1  | 125     | 92      | 58      | 92      | 36.36  | cps   |
| Molybdenum | 98-1  | 142     | 150     | 142     | 144     | 3.33   | cps   |
| Neodymium  | 150-1 | 13      | 60      | 40      | 38      | 61.98  | cps   |
| Neodymium  | 150-2 | 10      | 7       | 7       | 8       | 24.71  | cps   |
| Nickel     | 60-2  | 373     | 310     | 323     | 336     | 9.95   | cps   |
| Phosphorus | 31-2  | 1308    | 1317    | 1225    | 1283    | 3.95   | cps   |
| Potassium  | 39-2  | 64256   | 63921   | 63470   | 63882   | 0.62   | cps   |
| Rhodium    | 103-1 | 4736744 | 4734686 | 4745360 | 4738930 | 0.12   | cps   |
| Rhodium    | 103-2 | 2126207 | 2099244 | 2110523 | 2111991 | 0.64   | cps   |
| Scandium   | 45-1  | 2576252 | 2552142 | 2579662 | 2569352 | 0.58   | cps   |
| Scandium   | 45-2  | 110578  | 110257  | 108957  | 109931  | 0.78   | cps   |
| Selenium   | 77-2  | 0       | 0       | 0       | 0       | 0.00   | cps   |
| Selenium   | 78-2  | 43      | 43      | 46      | 44      | 4.89   | cps   |
| Selenium   | 82-1  | 25      | 40      | -46     | 6       | 718.40 | cps   |
| Silicon    | 28-1  | 2571958 | 2536993 | 2530136 | 2546363 | 0.88   | cps   |
| Silver     | 109-1 | 400     | 442     | 450     | 431     | 6.22   | cps   |
| Silver     | 107-1 | 358     | 425     | 442     | 408     | 10.80  | cps   |
| Sodium     | 23-2  | 1640689 | 1656569 | 1649416 | 1648891 | 0.48   | cps   |
| Strontium  | 86-1  | 34142   | 33481   | 32563   | 33395   | 2.37   | cps   |
| Strontium  | 88-1  | 284548  | 288131  | 281419  | 284699  | 1.18   | cps   |
| Sulfur     | 34-1  | 193590  | 195669  | 193239  | 194166  | 0.68   | cps   |
| Terbium    | 159-1 | 8125016 | 8007341 | 8095241 | 8075866 | 0.76   | cps   |
| Terbium    | 159-2 | 3503488 | 3490767 | 3496718 | 3496991 | 0.18   | cps   |
| Thallium   | 203-1 | 92      | 83      | 67      | 81      | 15.80  | cps   |
| Thallium   | 205-1 | 167     | 242     | 183     | 197     | 19.97  | cps   |
| Tin        | 118-1 | 283     | 275     | 342     | 300     | 12.11  | cps   |
| Titanium   | 47-1  | 869     | 217     | 250     | 445     | 82.48  | cps   |
| Uranium    | 238-1 | 258     | 217     | 183     | 219     | 17.12  | cps   |
| Vanadium   | 51-2  | 93      | 117     | 113     | 108     | 11.71  | cps   |
| Yttrium    | 89-1  | 5378147 | 5312150 | 5355008 | 5348435 | 0.63   | cps   |
| Yttrium    | 89-2  | 719190  | 718141  | 718219  | 718517  | 0.08   | cps   |
| Zinc       | 66-2  | 4514    | 4457    | 4577    | 4516    | 1.33   | cps   |
| Zirconium  | 90-1  | 550     | 600     | 733     | 628     | 15.10  | cps   |

|                         |                      |                   |                     |
|-------------------------|----------------------|-------------------|---------------------|
| LB Number :             | LB88853              | Operator :        | Jaswal              |
| Lab Sample ID :         | I4278-16             | Instrumnet Name : | P7                  |
| Client Sample ID :      | DC3126-16-FL3-BRK-W2 | Dilution Factor : | 1                   |
| Date & Time Acquired :: | 2017-07-19 21:20:57  | DataFile Name :   | 139SMPL_P7071917 -M |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|-----------|------|------|------|------|---------|--------|-------|
| Zirconium | 91-1 | 142  | 92   | 150  | 128     | 24.69  | cps   |

LB Number : LB88853 Operator : Jaswal  
 Lab Sample ID : I4278-17 Instrumnet Name : P7  
 Client Sample ID : DC3126-17-FL3-BRK-W2 Dilution Factor : 1  
 Date & Time Acquired :: 2017-07-19 21:24:29 DataFile Name : 140SMPL\_P7071917 -M1

| Parameter  | Mass  | CPS1    | CPS2    | CPS3    | CPSMean | CPSRSD | Units |
|------------|-------|---------|---------|---------|---------|--------|-------|
| Aluminium  | 27-2  | 883     | 1234    | 900     | 1006    | 19.65  | cps   |
| Antimony   | 121-1 | 333     | 350     | 317     | 333     | 5.00   | cps   |
| Arsenic    | 75-2  | 69      | 54      | 61      | 61      | 12.13  | cps   |
| Barium     | 135-1 | 28338   | 27445   | 27904   | 27895   | 1.60   | cps   |
| Barium     | 137-1 | 48896   | 50024   | 48628   | 49183   | 1.51   | cps   |
| Beryllium  | 9-1   | 50      | 72      | 122     | 81      | 45.40  | cps   |
| Bismuth    | 209-1 | 5419981 | 5455323 | 5351230 | 5408845 | 0.98   | cps   |
| Bismuth    | 209-2 | 2797753 | 2823633 | 2783396 | 2801594 | 0.73   | cps   |
| Boron      | 10-1  | 492     | 450     | 642     | 528     | 19.10  | cps   |
| Boron      | 11-1  | 3092    | 3100    | 2867    | 3020    | 4.38   | cps   |
| Cadmium    | 111-1 | 1146    | 1205    | 1149    | 1167    | 2.83   | cps   |
| Cadmium    | 106-1 | 1667    | 1684    | 1625    | 1659    | 1.81   | cps   |
| Cadmium    | 108-1 | 42      | 4       | 25      | 24      | 79.57  | cps   |
| Calcium    | 43-1  | 70034   | 70285   | 68652   | 69657   | 1.26   | cps   |
| Calcium    | 44-1  | 1137012 | 1132973 | 1123097 | 1131027 | 0.63   | cps   |
| Chromium   | 52-2  | 310     | 370     | 290     | 323     | 12.88  | cps   |
| Cobalt     | 59-2  | 217     | 207     | 227     | 217     | 4.62   | cps   |
| Copper     | 63-2  | 406498  | 402839  | 398148  | 402495  | 1.04   | cps   |
| Dysprosium | 156-1 | 58      | 25      | 67      | 50      | 44.10  | cps   |
| Dysprosium | 156-2 | 17      | 23      | 30      | 23      | 28.56  | cps   |
| Erbium     | 164-1 | 58      | 67      | 50      | 58      | 14.29  | cps   |
| Erbium     | 164-2 | 43      | 33      | 17      | 31      | 43.29  | cps   |
| Gadolinium | 160-1 | 67      | 50      | 83      | 67      | 25.00  | cps   |
| Gadolinium | 160-2 | 117     | 67      | 77      | 87      | 30.53  | cps   |
| Holmium    | 165-1 | 8086411 | 8030770 | 7916844 | 8011342 | 1.08   | cps   |
| Holmium    | 165-2 | 3525830 | 3538693 | 3488587 | 3517703 | 0.74   | cps   |
| Indium     | 115-1 | 5606670 | 5615627 | 5495115 | 5572470 | 1.20   | cps   |
| Indium     | 115-2 | 993079  | 994788  | 981981  | 989949  | 0.70   | cps   |
| Iron       | 56-2  | 75908   | 76513   | 73423   | 75281   | 2.18   | cps   |
| Iron       | 57-2  | 2145    | 2172    | 2078    | 2132    | 2.28   | cps   |
| Lead       | 206-1 | 10777   | 10460   | 10554   | 10597   | 1.54   | cps   |
| Lead       | 207-1 | 9198    | 9064    | 9470    | 9244    | 2.24   | cps   |
| Lead       | 208-1 | 41893   | 41159   | 41598   | 41550   | 0.89   | cps   |
| Lithium    | 6-1   | 780766  | 781370  | 765440  | 775859  | 1.16   | cps   |
| Magnesium  | 24-2  | 98648   | 101358  | 98061   | 99356   | 1.77   | cps   |
| Manganese  | 55-2  | 12919   | 12956   | 12886   | 12920   | 0.27   | cps   |

LB Number : LB88853 Operator : Jaswal  
 Lab Sample ID : I4278-17 Instrumnet Name : P7  
 Client Sample ID : DC3126-17-FL3-BRK-W2 Dilution Factor : 1  
 Date & Time Acquired :: 2017-07-19 21:24:29 DataFile Name : 140SMPL\_P7071917 -M

| Parameter  | Mass  | CPS1    | CPS2    | CPS3    | CPSMean | CPSRSD  | Units |
|------------|-------|---------|---------|---------|---------|---------|-------|
| Molybdenum | 94-1  | 325     | 400     | 300     | 342     | 15.24   | cps   |
| Molybdenum | 95-1  | 117     | 75      | 92      | 94      | 22.21   | cps   |
| Molybdenum | 96-1  | 150     | 200     | 167     | 172     | 14.78   | cps   |
| Molybdenum | 97-1  | 58      | 33      | 117     | 69      | 61.58   | cps   |
| Molybdenum | 98-1  | 142     | 208     | 217     | 189     | 21.76   | cps   |
| Neodymium  | 150-1 | 33      | 27      | 27      | 29      | 13.31   | cps   |
| Neodymium  | 150-2 | 60      | 20      | 10      | 30      | 88.20   | cps   |
| Nickel     | 60-2  | 4194    | 4077    | 4257    | 4176    | 2.19    | cps   |
| Phosphorus | 31-2  | 1258    | 1225    | 1142    | 1208    | 4.97    | cps   |
| Potassium  | 39-2  | 67379   | 66993   | 66701   | 67024   | 0.51    | cps   |
| Rhodium    | 103-1 | 4809663 | 4829103 | 4712047 | 4783604 | 1.31    | cps   |
| Rhodium    | 103-2 | 2080887 | 2084055 | 2064346 | 2076429 | 0.51    | cps   |
| Scandium   | 45-1  | 2606403 | 2632324 | 2588502 | 2609076 | 0.84    | cps   |
| Scandium   | 45-2  | 109820  | 109957  | 107516  | 109098  | 1.26    | cps   |
| Selenium   | 77-2  | 0       | 0       | 0       | 0       | 0.00    | cps   |
| Selenium   | 78-2  | 46      | 59      | 39      | 48      | 21.41   | cps   |
| Selenium   | 82-1  | 38      | -21     | -15     | 1       | 3439.42 | cps   |
| Silicon    | 28-1  | 2667056 | 2634500 | 2593326 | 2631627 | 1.40    | cps   |
| Silver     | 109-1 | 350     | 442     | 375     | 389     | 12.18   | cps   |
| Silver     | 107-1 | 558     | 542     | 492     | 531     | 6.54    | cps   |
| Sodium     | 23-2  | 1632985 | 1614970 | 1607583 | 1618512 | 0.81    | cps   |
| Strontium  | 86-1  | 33256   | 34016   | 33431   | 33568   | 1.19    | cps   |
| Strontium  | 88-1  | 288895  | 284731  | 285004  | 286210  | 0.81    | cps   |
| Sulfur     | 34-1  | 195467  | 197188  | 196980  | 196545  | 0.48    | cps   |
| Terbium    | 159-1 | 8177396 | 8256701 | 8130019 | 8188039 | 0.78    | cps   |
| Terbium    | 159-2 | 3463516 | 3451079 | 3409487 | 3441361 | 0.82    | cps   |
| Thallium   | 203-1 | 183     | 58      | 158     | 133     | 49.61   | cps   |
| Thallium   | 205-1 | 358     | 283     | 275     | 306     | 15.02   | cps   |
| Tin        | 118-1 | 1175    | 1050    | 1158    | 1128    | 6.02    | cps   |
| Titanium   | 47-1  | 358     | 458     | 358     | 392     | 14.75   | cps   |
| Uranium    | 238-1 | 325     | 283     | 267     | 292     | 10.30   | cps   |
| Vanadium   | 51-2  | 113     | 70      | 103     | 96      | 23.75   | cps   |
| Yttrium    | 89-1  | 5445888 | 5448168 | 5326696 | 5406917 | 1.29    | cps   |
| Yttrium    | 89-2  | 715847  | 709164  | 706603  | 710538  | 0.67    | cps   |
| Zinc       | 66-2  | 92386   | 91917   | 91424   | 91909   | 0.52    | cps   |
| Zirconium  | 90-1  | 775     | 658     | 683     | 706     | 8.71    | cps   |

|                         |                      |                   |                     |
|-------------------------|----------------------|-------------------|---------------------|
| LB Number :             | LB88853              | Operator :        | Jaswal              |
| Lab Sample ID :         | I4278-17             | Instrumnet Name : | P7                  |
| Client Sample ID :      | DC3126-17-FL3-BRK-W2 | Dilution Factor : | 1                   |
| Date & Time Acquired :: | 2017-07-19 21:24:29  | DataFile Name :   | 140SMPL_P7071917 -M |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|-----------|------|------|------|------|---------|--------|-------|
| Zirconium | 91-1 | 108  | 100  | 125  | 111     | 11.46  | cps   |

LB Number : LB88853 Operator : Jaswal  
 Lab Sample ID : I4278-18 Instrumnet Name : P7  
 Client Sample ID : DC3126-18-FL3-BRK-W2 Dilution Factor : 1  
 Date & Time Acquired :: 2017-07-19 21:28:01 DataFile Name : 141SMPL\_P7071917 -M1

| Parameter  | Mass  | CPS1    | CPS2    | CPS3    | CPSMean | CPSRSD | Units |
|------------|-------|---------|---------|---------|---------|--------|-------|
| Aluminium  | 27-2  | 1234    | 775     | 783     | 931     | 28.20  | cps   |
| Antimony   | 121-1 | 408     | 417     | 358     | 394     | 8.00   | cps   |
| Arsenic    | 75-2  | 59      | 46      | 44      | 50      | 16.14  | cps   |
| Barium     | 135-1 | 26869   | 26844   | 26201   | 26638   | 1.42   | cps   |
| Barium     | 137-1 | 46730   | 45451   | 45450   | 45877   | 1.61   | cps   |
| Beryllium  | 9-1   | 44      | 117     | 50      | 70      | 57.11  | cps   |
| Bismuth    | 209-1 | 5358200 | 5282416 | 5262352 | 5300989 | 0.95   | cps   |
| Bismuth    | 209-2 | 2884535 | 2783177 | 2764952 | 2810888 | 2.29   | cps   |
| Boron      | 10-1  | 683     | 525     | 608     | 606     | 13.08  | cps   |
| Boron      | 11-1  | 2834    | 2717    | 2859    | 2803    | 2.70   | cps   |
| Cadmium    | 111-1 | 1278    | 1114    | 1068    | 1153    | 9.55   | cps   |
| Cadmium    | 106-1 | 1792    | 1559    | 1509    | 1620    | 9.34   | cps   |
| Cadmium    | 108-1 | 8       | 8       | 13      | 10      | 24.77  | cps   |
| Calcium    | 43-1  | 68559   | 68492   | 68953   | 68668   | 0.36   | cps   |
| Calcium    | 44-1  | 1130592 | 1115503 | 1118126 | 1121407 | 0.72   | cps   |
| Chromium   | 52-2  | 387     | 277     | 353     | 339     | 16.64  | cps   |
| Cobalt     | 59-2  | 160     | 157     | 183     | 167     | 8.72   | cps   |
| Copper     | 63-2  | 426218  | 425912  | 422600  | 424910  | 0.47   | cps   |
| Dysprosium | 156-1 | 75      | 83      | 25      | 61      | 51.63  | cps   |
| Dysprosium | 156-2 | 30      | 27      | 17      | 24      | 28.38  | cps   |
| Erbium     | 164-1 | 100     | 42      | 92      | 78      | 40.56  | cps   |
| Erbium     | 164-2 | 23      | 37      | 47      | 36      | 32.93  | cps   |
| Gadolinium | 160-1 | 108     | 83      | 58      | 83      | 30.00  | cps   |
| Gadolinium | 160-2 | 100     | 93      | 60      | 84      | 25.38  | cps   |
| Holmium    | 165-1 | 8006613 | 7931415 | 7845611 | 7927880 | 1.02   | cps   |
| Holmium    | 165-2 | 3624902 | 3494876 | 3534047 | 3551275 | 1.88   | cps   |
| Indium     | 115-1 | 5546957 | 5501206 | 5452951 | 5500371 | 0.85   | cps   |
| Indium     | 115-2 | 1014791 | 982916  | 993240  | 996982  | 1.63   | cps   |
| Iron       | 56-2  | 73424   | 73500   | 72497   | 73140   | 0.76   | cps   |
| Iron       | 57-2  | 2011    | 2045    | 1889    | 1982    | 4.13   | cps   |
| Lead       | 206-1 | 7046    | 7475    | 6885    | 7135    | 4.27   | cps   |
| Lead       | 207-1 | 6168    | 6202    | 6329    | 6233    | 1.36   | cps   |
| Lead       | 208-1 | 28035   | 29219   | 28007   | 28420   | 2.43   | cps   |
| Lithium    | 6-1   | 769242  | 768328  | 757006  | 764858  | 0.89   | cps   |
| Magnesium  | 24-2  | 99714   | 100687  | 101324  | 100575  | 0.81   | cps   |
| Manganese  | 55-2  | 11658   | 11531   | 12042   | 11744   | 2.26   | cps   |



|                         |                      |                   |                     |
|-------------------------|----------------------|-------------------|---------------------|
| LB Number :             | LB88853              | Operator :        | Jaswal              |
| Lab Sample ID :         | I4278-18             | Instrumnet Name : | P7                  |
| Client Sample ID :      | DC3126-18-FL3-BRK-W2 | Dilution Factor : | 1                   |
| Date & Time Acquired :: | 2017-07-19 21:28:01  | DataFile Name :   | 141SMPL_P7071917 -M |

| Parameter  | Mass  | CPS1    | CPS2    | CPS3    | CPSMean | CPSRSD | Units |
|------------|-------|---------|---------|---------|---------|--------|-------|
| Molybdenum | 94-1  | 242     | 350     | 333     | 308     | 18.92  | cps   |
| Molybdenum | 95-1  | 150     | 58      | 83      | 97      | 48.74  | cps   |
| Molybdenum | 96-1  | 142     | 175     | 158     | 158     | 10.53  | cps   |
| Molybdenum | 97-1  | 67      | 100     | 100     | 89      | 21.65  | cps   |
| Molybdenum | 98-1  | 125     | 142     | 200     | 156     | 25.32  | cps   |
| Neodymium  | 150-1 | 47      | 33      | 47      | 42      | 18.23  | cps   |
| Neodymium  | 150-2 | 20      | 23      | 17      | 20      | 16.65  | cps   |
| Nickel     | 60-2  | 527     | 470     | 517     | 504     | 6.00   | cps   |
| Phosphorus | 31-2  | 1367    | 1400    | 1283    | 1350    | 4.45   | cps   |
| Potassium  | 39-2  | 65085   | 64775   | 65161   | 65007   | 0.31   | cps   |
| Rhodium    | 103-1 | 4751009 | 4735711 | 4676093 | 4720938 | 0.84   | cps   |
| Rhodium    | 103-2 | 2133566 | 2070225 | 2100380 | 2101390 | 1.51   | cps   |
| Scandium   | 45-1  | 2606243 | 2580829 | 2559174 | 2582082 | 0.91   | cps   |
| Scandium   | 45-2  | 111489  | 107933  | 106841  | 108755  | 2.23   | cps   |
| Selenium   | 77-2  | 0       | 0       | 0       | 0       | 0.00   | cps   |
| Selenium   | 78-2  | 50      | 52      | 44      | 49      | 7.91   | cps   |
| Selenium   | 82-1  | 78      | -21     | -25     | 11      | 530.39 | cps   |
| Silicon    | 28-1  | 2644303 | 2628501 | 2614585 | 2629130 | 0.57   | cps   |
| Silver     | 109-1 | 450     | 408     | 383     | 414     | 8.14   | cps   |
| Silver     | 107-1 | 417     | 442     | 375     | 411     | 8.19   | cps   |
| Sodium     | 23-2  | 1657440 | 1641503 | 1631476 | 1643473 | 0.80   | cps   |
| Strontium  | 86-1  | 33599   | 32321   | 32153   | 32691   | 2.42   | cps   |
| Strontium  | 88-1  | 285105  | 279981  | 280211  | 281765  | 1.03   | cps   |
| Sulfur     | 34-1  | 195853  | 194182  | 191676  | 193904  | 1.08   | cps   |
| Terbium    | 159-1 | 8174640 | 8101624 | 8033130 | 8103131 | 0.87   | cps   |
| Terbium    | 159-2 | 3517222 | 3410901 | 3464046 | 3464056 | 1.53   | cps   |
| Thallium   | 203-1 | 50      | 75      | 92      | 72      | 29.04  | cps   |
| Thallium   | 205-1 | 283     | 217     | 200     | 233     | 18.90  | cps   |
| Tin        | 118-1 | 1008    | 1050    | 900     | 986     | 7.85   | cps   |
| Titanium   | 47-1  | 1061    | 342     | 333     | 579     | 72.18  | cps   |
| Uranium    | 238-1 | 325     | 350     | 317     | 331     | 5.25   | cps   |
| Vanadium   | 51-2  | 63      | 100     | 80      | 81      | 22.64  | cps   |
| Yttrium    | 89-1  | 5392322 | 5352717 | 5277888 | 5340976 | 1.09   | cps   |
| Yttrium    | 89-2  | 728917  | 704959  | 717849  | 717242  | 1.67   | cps   |
| Zinc       | 66-2  | 6011    | 5861    | 5675    | 5849    | 2.88   | cps   |
| Zirconium  | 90-1  | 592     | 708     | 675     | 658     | 9.13   | cps   |

|                         |                      |                   |                     |
|-------------------------|----------------------|-------------------|---------------------|
| LB Number :             | LB88853              | Operator :        | Jaswal              |
| Lab Sample ID :         | I4278-18             | Instrumnet Name : | P7                  |
| Client Sample ID :      | DC3126-18-FL3-BRK-W2 | Dilution Factor : | 1                   |
| Date & Time Acquired :: | 2017-07-19 21:28:01  | DataFile Name :   | 141SMPL_P7071917 -M |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|-----------|------|------|------|------|---------|--------|-------|
| Zirconium | 91-1 | 150  | 108  | 150  | 136     | 17.67  | cps   |

|                         |                     |                   |                      |
|-------------------------|---------------------|-------------------|----------------------|
| LB Number :             | LB88853             | Operator :        | Jaswal               |
| Lab Sample ID :         | CCV41               | Instrumnet Name : | P7                   |
| Client Sample ID :      | CCV41               | Dilution Factor : | 1                    |
| Date & Time Acquired :: | 2017-07-19 21:31:32 | DataFile Name :   | 142CCV_P7071917 -MS. |

| Parameter  | Mass  | CPS1     | CPS2    | CPS3    | CPSMean | CPSRSD | Units |
|------------|-------|----------|---------|---------|---------|--------|-------|
| Aluminium  | 27-2  | 50       | 17      | 75      | 47      | 61.97  | cps   |
| Antimony   | 121-1 | 42       | 83      | 100     | 75      | 40.06  | cps   |
| Arsenic    | 75-2  | 7        | 9       | 20      | 12      | 56.77  | cps   |
| Barium     | 135-1 | 33       | 108     | 42      | 61      | 67.27  | cps   |
| Barium     | 137-1 | 117      | 83      | 92      | 97      | 17.84  | cps   |
| Beryllium  | 9-1   | 61       | 83      | 72      | 72      | 15.39  | cps   |
| Bismuth    | 209-1 | 4675435  | 4925275 | 4907789 | 4836167 | 2.88   | cps   |
| Bismuth    | 209-2 | 2515849  | 2574734 | 2558874 | 2549819 | 1.19   | cps   |
| Boron      | 10-1  | 358      | 192     | 358     | 303     | 31.78  | cps   |
| Boron      | 11-1  | 1442     | 1642    | 1542    | 1542    | 6.49   | cps   |
| Cadmium    | 111-1 | 920      | 960     | 1237    | 1039    | 16.63  | cps   |
| Cadmium    | 106-1 | 1300     | 1375    | 1767    | 1481    | 16.93  | cps   |
| Cadmium    | 108-1 | 4        | 4       | 0       | 3       | 86.60  | cps   |
| Calcium    | 43-1  | 308      | 217     | 233     | 253     | 19.32  | cps   |
| Calcium    | 44-1  | 4801     | 4901    | 4609    | 4770    | 3.11   | cps   |
| Chromium   | 52-2  | 303      | 267     | 267     | 279     | 7.59   | cps   |
| Cobalt     | 59-2  | 57       | 50      | 30      | 46      | 30.47  | cps   |
| Copper     | 63-2  | 920      | 897     | 870     | 896     | 2.79   | cps   |
| Dysprosium | 156-1 | 8        | 8       | 8       | 8       | 0.00   | cps   |
| Dysprosium | 156-2 | 7        | 0       | 3       | 3       | 100.05 | cps   |
| Erbium     | 164-1 | 33       | 25      | 25      | 28      | 17.31  | cps   |
| Erbium     | 164-2 | 13       | 7       | 10      | 10      | 33.30  | cps   |
| Gadolinium | 160-1 | 33       | 42      | 50      | 42      | 20.00  | cps   |
| Gadolinium | 160-2 | 40       | 43      | 23      | 36      | 30.14  | cps   |
| Holmium    | 165-1 | 6987288  | 7383381 | 7367423 | 7246031 | 3.09   | cps   |
| Holmium    | 165-2 | 3152033  | 3212807 | 3221070 | 3195303 | 1.18   | cps   |
| Indium     | 115-1 | 4878372  | 5146097 | 5101241 | 5041903 | 2.84   | cps   |
| Indium     | 115-2 | 889440   | 910216  | 910521  | 903392  | 1.34   | cps   |
| Iron       | 56-2  | 3245     | 3334    | 3112    | 3230    | 3.46   | cps   |
| Iron       | 57-2  | 156      | 167     | 156     | 159     | 4.03   | cps   |
| Lead       | 206-1 | 2436616  | 2429447 | 2382716 | 2416260 | 1.21   | cps   |
| Lead       | 207-1 | 2233108  | 2202978 | 2190458 | 2208848 | 0.99   | cps   |
| Lead       | 208-1 | 10080879 | 9980620 | 9827250 | 9962916 | 1.28   | cps   |
| Lithium    | 6-1   | 681010   | 712509  | 711668  | 701729  | 2.56   | cps   |
| Magnesium  | 24-2  | 942      | 900     | 1000    | 947     | 5.30   | cps   |
| Manganese  | 55-2  | 440      | 443     | 417     | 433     | 3.35   | cps   |

|                         |                     |                   |                      |
|-------------------------|---------------------|-------------------|----------------------|
| LB Number :             | LB88853             | Operator :        | Jaswal               |
| Lab Sample ID :         | CCV41               | Instrumnet Name : | P7                   |
| Client Sample ID :      | CCV41               | Dilution Factor : | 1                    |
| Date & Time Acquired :: | 2017-07-19 21:31:32 | DataFile Name :   | 142CCV_P7071917 -MS. |

| Parameter  | Mass  | CPS1    | CPS2    | CPS3    | CPSMean | CPSRSD | Units |
|------------|-------|---------|---------|---------|---------|--------|-------|
| Molybdenum | 94-1  | 75      | 83      | 108     | 89      | 19.52  | cps   |
| Molybdenum | 95-1  | 8       | 42      | 0       | 17      | 132.30 | cps   |
| Molybdenum | 96-1  | 8       | 67      | 58      | 44      | 70.99  | cps   |
| Molybdenum | 97-1  | 33      | 17      | 42      | 31      | 41.65  | cps   |
| Molybdenum | 98-1  | 42      | 33      | 58      | 44      | 28.65  | cps   |
| Neodymium  | 150-1 | 7       | 7       | 0       | 4       | 86.60  | cps   |
| Neodymium  | 150-2 | 0       | 0       | 0       | 0       | 0.00   | cps   |
| Nickel     | 60-2  | 177     | 133     | 197     | 169     | 19.17  | cps   |
| Phosphorus | 31-2  | 50      | 42      | 17      | 36      | 48.03  | cps   |
| Potassium  | 39-2  | 18554   | 18896   | 18879   | 18776   | 1.03   | cps   |
| Rhodium    | 103-1 | 4214256 | 4461644 | 4386794 | 4354231 | 2.91   | cps   |
| Rhodium    | 103-2 | 1894314 | 1916759 | 1925352 | 1912141 | 0.84   | cps   |
| Scandium   | 45-1  | 2288181 | 2393139 | 2393712 | 2358344 | 2.58   | cps   |
| Scandium   | 45-2  | 97871   | 97810   | 101354  | 99012   | 2.05   | cps   |
| Selenium   | 77-2  | 0       | 0       | 0       | 0       | 0.00   | cps   |
| Selenium   | 78-2  | 43      | 44      | 50      | 46      | 8.44   | cps   |
| Selenium   | 82-1  | -14     | -11     | 59      | 11      | 361.06 | cps   |
| Silicon    | 28-1  | 198644  | 198660  | 200775  | 199360  | 0.61   | cps   |
| Silver     | 109-1 | 217     | 217     | 250     | 228     | 8.45   | cps   |
| Silver     | 107-1 | 217     | 217     | 292     | 242     | 17.92  | cps   |
| Sodium     | 23-2  | 20014   | 20299   | 19422   | 19912   | 2.25   | cps   |
| Strontium  | 86-1  | 608     | 700     | 683     | 664     | 7.35   | cps   |
| Strontium  | 88-1  | 258     | 183     | 325     | 256     | 27.73  | cps   |
| Sulfur     | 34-1  | 173060  | 173484  | 172084  | 172876  | 0.42   | cps   |
| Terbium    | 159-1 | 7098395 | 7540333 | 7420564 | 7353098 | 3.11   | cps   |
| Terbium    | 159-2 | 3095300 | 3147054 | 3156381 | 3132912 | 1.05   | cps   |
| Thallium   | 203-1 | 75      | 67      | 100     | 81      | 21.53  | cps   |
| Thallium   | 205-1 | 225     | 192     | 208     | 208     | 8.00   | cps   |
| Tin        | 118-1 | 258     | 233     | 383     | 292     | 27.55  | cps   |
| Titanium   | 47-1  | 75      | 75      | 92      | 81      | 11.95  | cps   |
| Uranium    | 238-1 | 25      | 17      | 75      | 39      | 81.12  | cps   |
| Vanadium   | 51-2  | 7       | 13      | 17      | 12      | 41.65  | cps   |
| Yttrium    | 89-1  | 4739828 | 4991301 | 4952600 | 4894576 | 2.77   | cps   |
| Yttrium    | 89-2  | 646617  | 651708  | 654498  | 650941  | 0.61   | cps   |
| Zinc       | 66-2  | 280     | 287     | 287     | 284     | 1.35   | cps   |
| Zirconium  | 90-1  | 283     | 225     | 358     | 289     | 23.14  | cps   |

|                         |                     |                   |                      |
|-------------------------|---------------------|-------------------|----------------------|
| LB Number :             | LB88853             | Operator :        | Jaswal               |
| Lab Sample ID :         | CCV41               | Instrumnet Name : | P7                   |
| Client Sample ID :      | CCV41               | Dilution Factor : | 1                    |
| Date & Time Acquired :: | 2017-07-19 21:31:32 | DataFile Name :   | 142CCV_P7071917 -MS. |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|-----------|------|------|------|------|---------|--------|-------|
| Zirconium | 91-1 | 25   | 67   | 58   | 50      | 44.10  | cps   |

|                         |                     |                   |                     |
|-------------------------|---------------------|-------------------|---------------------|
| LB Number :             | LB88853             | Operator :        | Jaswal              |
| Lab Sample ID :         | CCB41               | Instrumnet Name : | P7                  |
| Client Sample ID :      | CCB41               | Dilution Factor : | 1                   |
| Date & Time Acquired :: | 2017-07-19 21:35:04 | DataFile Name :   | 143CCBE_P7071917 -M |

| Parameter  | Mass  | CPS1    | CPS2    | CPS3    | CPSMean | CPSRSD | Units |
|------------|-------|---------|---------|---------|---------|--------|-------|
| Aluminium  | 27-2  | 50      | 33      | 33      | 39      | 24.75  | cps   |
| Antimony   | 121-1 | 92      | 50      | 42      | 61      | 43.83  | cps   |
| Arsenic    | 75-2  | 4       | 6       | 7       | 6       | 33.38  | cps   |
| Barium     | 135-1 | 17      | 67      | 17      | 33      | 86.59  | cps   |
| Barium     | 137-1 | 58      | 50      | 42      | 50      | 16.67  | cps   |
| Beryllium  | 9-1   | 56      | 56      | 100     | 70      | 36.46  | cps   |
| Bismuth    | 209-1 | 4722638 | 4533487 | 4581986 | 4612704 | 2.13   | cps   |
| Bismuth    | 209-2 | 2507765 | 2559003 | 2472401 | 2513056 | 1.73   | cps   |
| Boron      | 10-1  | 325     | 317     | 250     | 297     | 13.83  | cps   |
| Boron      | 11-1  | 1575    | 1133    | 1433    | 1381    | 16.34  | cps   |
| Cadmium    | 111-1 | 1002    | 1062    | 1015    | 1026    | 3.07   | cps   |
| Cadmium    | 106-1 | 1425    | 1525    | 1450    | 1467    | 3.55   | cps   |
| Cadmium    | 108-1 | 0       | 8       | 0       | 3       | 173.21 | cps   |
| Calcium    | 43-1  | 150     | 83      | 108     | 114     | 29.57  | cps   |
| Calcium    | 44-1  | 3042    | 3109    | 2892    | 3014    | 3.68   | cps   |
| Chromium   | 52-2  | 323     | 353     | 220     | 299     | 23.40  | cps   |
| Cobalt     | 59-2  | 50      | 50      | 47      | 49      | 3.93   | cps   |
| Copper     | 63-2  | 840     | 843     | 823     | 836     | 1.28   | cps   |
| Dysprosium | 156-1 | 8       | 0       | 0       | 3       | 173.21 | cps   |
| Dysprosium | 156-2 | 0       | 3       | 3       | 2       | 86.60  | cps   |
| Erbium     | 164-1 | 8       | 17      | 8       | 11      | 43.34  | cps   |
| Erbium     | 164-2 | 10      | 7       | 20      | 12      | 56.76  | cps   |
| Gadolinium | 160-1 | 33      | 33      | 0       | 22      | 86.60  | cps   |
| Gadolinium | 160-2 | 57      | 60      | 43      | 53      | 16.54  | cps   |
| Holmium    | 165-1 | 7094591 | 6922145 | 6973467 | 6996734 | 1.27   | cps   |
| Holmium    | 165-2 | 3147709 | 3200781 | 3114136 | 3154208 | 1.39   | cps   |
| Indium     | 115-1 | 4905455 | 4781900 | 4802438 | 4829931 | 1.37   | cps   |
| Indium     | 115-2 | 892763  | 908525  | 883241  | 894843  | 1.43   | cps   |
| Iron       | 56-2  | 2856    | 2811    | 2839    | 2836    | 0.79   | cps   |
| Iron       | 57-2  | 167     | 150     | 183     | 167     | 10.00  | cps   |
| Lead       | 206-1 | 1000    | 1017    | 933     | 983     | 4.48   | cps   |
| Lead       | 207-1 | 945     | 845     | 967     | 919     | 7.09   | cps   |
| Lead       | 208-1 | 4128    | 3984    | 3784    | 3965    | 4.36   | cps   |
| Lithium    | 6-1   | 684689  | 665540  | 670562  | 673597  | 1.47   | cps   |
| Magnesium  | 24-2  | 842     | 667     | 908     | 806     | 15.49  | cps   |
| Manganese  | 55-2  | 370     | 333     | 333     | 346     | 6.13   | cps   |

|                         |                     |                   |                     |
|-------------------------|---------------------|-------------------|---------------------|
| LB Number :             | LB88853             | Operator :        | Jaswal              |
| Lab Sample ID :         | CCB41               | Instrumnet Name : | P7                  |
| Client Sample ID :      | CCB41               | Dilution Factor : | 1                   |
| Date & Time Acquired :: | 2017-07-19 21:35:04 | DataFile Name :   | 143CCBE_P7071917 -M |

| Parameter  | Mass  | CPS1    | CPS2    | CPS3    | CPSMean | CPSRSD | Units |
|------------|-------|---------|---------|---------|---------|--------|-------|
| Molybdenum | 94-1  | 75      | 125     | 92      | 97      | 26.19  | cps   |
| Molybdenum | 95-1  | 17      | 8       | 33      | 19      | 65.47  | cps   |
| Molybdenum | 96-1  | 50      | 33      | 58      | 47      | 26.97  | cps   |
| Molybdenum | 97-1  | 33      | 50      | 25      | 36      | 35.25  | cps   |
| Molybdenum | 98-1  | 50      | 17      | 17      | 28      | 69.27  | cps   |
| Neodymium  | 150-1 | 0       | 0       | 0       | 0       | 0.00   | cps   |
| Neodymium  | 150-2 | 0       | 0       | 0       | 0       | 0.00   | cps   |
| Nickel     | 60-2  | 160     | 113     | 147     | 140     | 17.17  | cps   |
| Phosphorus | 31-2  | 58      | 33      | 67      | 53      | 32.86  | cps   |
| Potassium  | 39-2  | 18954   | 18687   | 19347   | 18996   | 1.75   | cps   |
| Rhodium    | 103-1 | 4268610 | 4135918 | 4152721 | 4185750 | 1.73   | cps   |
| Rhodium    | 103-2 | 1888879 | 1920992 | 1862936 | 1890936 | 1.54   | cps   |
| Scandium   | 45-1  | 2332875 | 2234419 | 2248874 | 2272056 | 2.34   | cps   |
| Scandium   | 45-2  | 98619   | 102820  | 97114   | 99518   | 2.97   | cps   |
| Selenium   | 77-2  | 0       | 0       | 0       | 0       | 0.00   | cps   |
| Selenium   | 78-2  | 35      | 33      | 33      | 34      | 3.16   | cps   |
| Selenium   | 82-1  | -31     | 12      | 28      | 3       | 986.43 | cps   |
| Silicon    | 28-1  | 200861  | 200970  | 196298  | 199376  | 1.34   | cps   |
| Silver     | 109-1 | 250     | 183     | 200     | 211     | 16.43  | cps   |
| Silver     | 107-1 | 242     | 167     | 125     | 178     | 33.25  | cps   |
| Sodium     | 23-2  | 18754   | 18904   | 19663   | 19107   | 2.55   | cps   |
| Strontium  | 86-1  | 642     | 467     | 708     | 606     | 20.61  | cps   |
| Strontium  | 88-1  | 150     | 142     | 142     | 144     | 3.33   | cps   |
| Sulfur     | 34-1  | 174146  | 171450  | 175387  | 173661  | 1.16   | cps   |
| Terbium    | 159-1 | 7244777 | 6982596 | 7110299 | 7112557 | 1.84   | cps   |
| Terbium    | 159-2 | 3101142 | 3152835 | 3069215 | 3107731 | 1.36   | cps   |
| Thallium   | 203-1 | 67      | 42      | 125     | 78      | 54.98  | cps   |
| Thallium   | 205-1 | 233     | 275     | 250     | 253     | 8.30   | cps   |
| Tin        | 118-1 | 708     | 508     | 708     | 642     | 18.00  | cps   |
| Titanium   | 47-1  | 58      | 42      | 33      | 44      | 28.65  | cps   |
| Uranium    | 238-1 | 8       | 25      | 17      | 17      | 50.01  | cps   |
| Vanadium   | 51-2  | 10      | 0       | 3       | 4       | 114.60 | cps   |
| Yttrium    | 89-1  | 4784242 | 4650345 | 4664744 | 4699777 | 1.56   | cps   |
| Yttrium    | 89-2  | 642094  | 655084  | 636681  | 644620  | 1.47   | cps   |
| Zinc       | 66-2  | 127     | 183     | 97      | 136     | 32.47  | cps   |
| Zirconium  | 90-1  | 325     | 258     | 175     | 253     | 29.73  | cps   |

|                         |                     |                   |                      |
|-------------------------|---------------------|-------------------|----------------------|
| LB Number :             | LB88853             | Operator :        | Jaswal               |
| Lab Sample ID :         | CCB41               | Instrumnet Name : | P7                   |
| Client Sample ID :      | CCB41               | Dilution Factor : | 1                    |
| Date & Time Acquired :: | 2017-07-19 21:35:04 | DataFile Name :   | 143CCBE_P7071917 -M: |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|-----------|------|------|------|------|---------|--------|-------|
| Zirconium | 91-1 | 17   | 42   | 33   | 31      | 41.66  | cps   |



LB Number : LB88853 Operator : Jaswal  
 Lab Sample ID : I4278-19 Instrumnet Name : P7  
 Client Sample ID : DC3126-19-FL3-CL316-V Dilution Factor : 1  
 Date & Time Acquired :: 2017-07-19 21:38:36 DataFile Name : 144SMPL\_P7071917 -M

| Parameter  | Mass  | CPS1    | CPS2    | CPS3    | CPSMean | CPSRSD | Units |
|------------|-------|---------|---------|---------|---------|--------|-------|
| Aluminium  | 27-2  | 317     | 333     | 283     | 311     | 8.18   | cps   |
| Antimony   | 121-1 | 342     | 408     | 458     | 403     | 14.53  | cps   |
| Arsenic    | 75-2  | 56      | 43      | 37      | 45      | 21.09  | cps   |
| Barium     | 135-1 | 26009   | 25065   | 25875   | 25650   | 1.99   | cps   |
| Barium     | 137-1 | 44447   | 45024   | 44991   | 44820   | 0.72   | cps   |
| Beryllium  | 9-1   | 72      | 100     | 56      | 76      | 29.57  | cps   |
| Bismuth    | 209-1 | 5574425 | 5475951 | 5381556 | 5477311 | 1.76   | cps   |
| Bismuth    | 209-2 | 2835705 | 2858665 | 2943718 | 2879363 | 1.98   | cps   |
| Boron      | 10-1  | 500     | 400     | 600     | 500     | 20.00  | cps   |
| Boron      | 11-1  | 2459    | 2634    | 2659    | 2584    | 4.22   | cps   |
| Cadmium    | 111-1 | 1226    | 1238    | 1300    | 1255    | 3.13   | cps   |
| Cadmium    | 106-1 | 1650    | 1725    | 1775    | 1717    | 3.67   | cps   |
| Cadmium    | 108-1 | 29      | 33      | 38      | 33      | 12.50  | cps   |
| Calcium    | 43-1  | 73047   | 72394   | 70234   | 71892   | 2.05   | cps   |
| Calcium    | 44-1  | 1181063 | 1175824 | 1160943 | 1172610 | 0.89   | cps   |
| Chromium   | 52-2  | 297     | 267     | 310     | 291     | 7.63   | cps   |
| Cobalt     | 59-2  | 247     | 290     | 253     | 263     | 8.86   | cps   |
| Copper     | 63-2  | 1676411 | 1665494 | 1674624 | 1672176 | 0.35   | cps   |
| Dysprosium | 156-1 | 25      | 33      | 8       | 22      | 57.30  | cps   |
| Dysprosium | 156-2 | 10      | 13      | 7       | 10      | 33.30  | cps   |
| Erbium     | 164-1 | 42      | 42      | 58      | 47      | 20.38  | cps   |
| Erbium     | 164-2 | 3       | 20      | 20      | 14      | 66.64  | cps   |
| Gadolinium | 160-1 | 42      | 58      | 58      | 53      | 18.23  | cps   |
| Gadolinium | 160-2 | 103     | 53      | 57      | 71      | 39.32  | cps   |
| Holmium    | 165-1 | 8335748 | 8276651 | 8252774 | 8288391 | 0.52   | cps   |
| Holmium    | 165-2 | 3598806 | 3638186 | 3700154 | 3645715 | 1.40   | cps   |
| Indium     | 115-1 | 5870284 | 5774757 | 5655568 | 5766870 | 1.87   | cps   |
| Indium     | 115-2 | 1020780 | 1029504 | 1041525 | 1030603 | 1.01   | cps   |
| Iron       | 56-2  | 19308   | 18835   | 20200   | 19448   | 3.57   | cps   |
| Iron       | 57-2  | 767     | 689     | 678     | 711     | 6.81   | cps   |
| Lead       | 206-1 | 10938   | 10382   | 10655   | 10658   | 2.61   | cps   |
| Lead       | 207-1 | 9459    | 9370    | 9443    | 9424    | 0.50   | cps   |
| Lead       | 208-1 | 43179   | 42122   | 42400   | 42567   | 1.29   | cps   |
| Lithium    | 6-1   | 807357  | 796158  | 785721  | 796412  | 1.36   | cps   |
| Magnesium  | 24-2  | 102532  | 101870  | 101685  | 102029  | 0.44   | cps   |
| Manganese  | 55-2  | 4844    | 4971    | 5158    | 4991    | 3.16   | cps   |

|                         |                       |                   |                     |
|-------------------------|-----------------------|-------------------|---------------------|
| LB Number :             | LB88853               | Operator :        | Jaswal              |
| Lab Sample ID :         | I4278-19              | Instrumnet Name : | P7                  |
| Client Sample ID :      | DC3126-19-FL3-CL316-V | Dilution Factor : | 1                   |
| Date & Time Acquired :: | 2017-07-19 21:38:36   | DataFile Name :   | 144SMPL_P7071917 -M |

| Parameter  | Mass  | CPS1    | CPS2    | CPS3    | CPSMean | CPSRSD | Units |
|------------|-------|---------|---------|---------|---------|--------|-------|
| Molybdenum | 94-1  | 325     | 300     | 233     | 286     | 16.56  | cps   |
| Molybdenum | 95-1  | 142     | 108     | 100     | 117     | 18.90  | cps   |
| Molybdenum | 96-1  | 192     | 92      | 117     | 133     | 39.03  | cps   |
| Molybdenum | 97-1  | 50      | 83      | 42      | 58      | 37.80  | cps   |
| Molybdenum | 98-1  | 167     | 117     | 108     | 131     | 24.16  | cps   |
| Neodymium  | 150-1 | 20      | 47      | 33      | 33      | 40.01  | cps   |
| Neodymium  | 150-2 | 7       | 10      | 0       | 6       | 91.64  | cps   |
| Nickel     | 60-2  | 7048    | 7339    | 7215    | 7201    | 2.02   | cps   |
| Phosphorus | 31-2  | 825     | 808     | 683     | 772     | 10.03  | cps   |
| Potassium  | 39-2  | 66801   | 67019   | 68483   | 67434   | 1.36   | cps   |
| Rhodium    | 103-1 | 5032499 | 4952702 | 4904645 | 4963282 | 1.30   | cps   |
| Rhodium    | 103-2 | 2142862 | 2164075 | 2194366 | 2167101 | 1.19   | cps   |
| Scandium   | 45-1  | 2724881 | 2727625 | 2651309 | 2701272 | 1.60   | cps   |
| Scandium   | 45-2  | 110985  | 112496  | 113608  | 112363  | 1.17   | cps   |
| Selenium   | 77-2  | 0       | 0       | 0       | 0       | 0.00   | cps   |
| Selenium   | 78-2  | 41      | 57      | 31      | 43      | 30.41  | cps   |
| Selenium   | 82-1  | 8       | 66      | -53     | 7       | 830.03 | cps   |
| Silicon    | 28-1  | 2707275 | 2665527 | 2650709 | 2674504 | 1.10   | cps   |
| Silver     | 109-1 | 208     | 208     | 250     | 222     | 10.83  | cps   |
| Silver     | 107-1 | 342     | 217     | 283     | 281     | 22.29  | cps   |
| Sodium     | 23-2  | 1687877 | 1690900 | 1674512 | 1684430 | 0.52   | cps   |
| Strontium  | 86-1  | 35177   | 33523   | 33340   | 34013   | 2.98   | cps   |
| Strontium  | 88-1  | 294448  | 290368  | 288521  | 291112  | 1.04   | cps   |
| Sulfur     | 34-1  | 195254  | 196251  | 196218  | 195907  | 0.29   | cps   |
| Terbium    | 159-1 | 8601625 | 8378215 | 8270972 | 8416937 | 2.00   | cps   |
| Terbium    | 159-2 | 3553163 | 3571513 | 3637033 | 3587236 | 1.23   | cps   |
| Thallium   | 203-1 | 83      | 75      | 158     | 106     | 43.48  | cps   |
| Thallium   | 205-1 | 300     | 200     | 242     | 247     | 20.32  | cps   |
| Tin        | 118-1 | 450     | 433     | 400     | 428     | 5.95   | cps   |
| Titanium   | 47-1  | 200     | 258     | 200     | 219     | 15.35  | cps   |
| Uranium    | 238-1 | 192     | 133     | 208     | 178     | 22.15  | cps   |
| Vanadium   | 51-2  | 67      | 77      | 63      | 69      | 10.08  | cps   |
| Yttrium    | 89-1  | 5705552 | 5634818 | 5532940 | 5624437 | 1.54   | cps   |
| Yttrium    | 89-2  | 739441  | 740007  | 749547  | 742998  | 0.76   | cps   |
| Zinc       | 66-2  | 184593  | 182936  | 181589  | 183039  | 0.82   | cps   |
| Zirconium  | 90-1  | 692     | 633     | 625     | 650     | 5.59   | cps   |

|                         |                       |                   |                     |
|-------------------------|-----------------------|-------------------|---------------------|
| LB Number :             | LB88853               | Operator :        | Jaswal              |
| Lab Sample ID :         | I4278-19              | Instrumnet Name : | P7                  |
| Client Sample ID :      | DC3126-19-FL3-CL316-V | Dilution Factor : | 1                   |
| Date & Time Acquired :: | 2017-07-19 21:38:36   | DataFile Name :   | 144SMPL_P7071917 -M |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|-----------|------|------|------|------|---------|--------|-------|
| Zirconium | 91-1 | 158  | 142  | 158  | 153     | 6.30   | cps   |

LB Number : LB88853 Operator : Jaswal  
 Lab Sample ID : I4278-20 Instrumnet Name : P7  
 Client Sample ID : DC3126-20-FL3-CL316-V Dilution Factor : 1  
 Date & Time Acquired :: 2017-07-19 21:42:08 DataFile Name : 145SMPL\_P7071917 -M

| Parameter  | Mass  | CPS1    | CPS2    | CPS3    | CPSMean | CPSRSD | Units |
|------------|-------|---------|---------|---------|---------|--------|-------|
| Aluminium  | 27-2  | 92      | 200     | 233     | 175     | 42.32  | cps   |
| Antimony   | 121-1 | 433     | 642     | 533     | 536     | 19.44  | cps   |
| Arsenic    | 75-2  | 31      | 43      | 30      | 35      | 20.28  | cps   |
| Barium     | 135-1 | 25115   | 25916   | 25466   | 25499   | 1.58   | cps   |
| Barium     | 137-1 | 45433   | 43244   | 44238   | 44305   | 2.47   | cps   |
| Beryllium  | 9-1   | 67      | 61      | 61      | 63      | 5.10   | cps   |
| Bismuth    | 209-1 | 5368938 | 5354485 | 5499436 | 5407620 | 1.48   | cps   |
| Bismuth    | 209-2 | 2938507 | 2951278 | 2920936 | 2936907 | 0.52   | cps   |
| Boron      | 10-1  | 608     | 700     | 692     | 667     | 7.60   | cps   |
| Boron      | 11-1  | 3184    | 2900    | 3192    | 3092    | 5.37   | cps   |
| Cadmium    | 111-1 | 1178    | 1112    | 1213    | 1168    | 4.40   | cps   |
| Cadmium    | 106-1 | 1675    | 1567    | 1734    | 1659    | 5.10   | cps   |
| Cadmium    | 108-1 | 4       | 8       | 13      | 8       | 49.98  | cps   |
| Calcium    | 43-1  | 69547   | 68652   | 69363   | 69187   | 0.68   | cps   |
| Calcium    | 44-1  | 1128380 | 1109148 | 1106228 | 1114585 | 1.08   | cps   |
| Chromium   | 52-2  | 323     | 307     | 327     | 319     | 3.36   | cps   |
| Cobalt     | 59-2  | 287     | 310     | 323     | 307     | 6.05   | cps   |
| Copper     | 63-2  | 1535554 | 1536619 | 1526782 | 1532985 | 0.35   | cps   |
| Dysprosium | 156-1 | 8       | 25      | 25      | 19      | 49.50  | cps   |
| Dysprosium | 156-2 | 7       | 13      | 10      | 10      | 33.30  | cps   |
| Erbium     | 164-1 | 42      | 42      | 33      | 39      | 12.38  | cps   |
| Erbium     | 164-2 | 13      | 10      | 17      | 13      | 25.01  | cps   |
| Gadolinium | 160-1 | 92      | 67      | 33      | 64      | 45.81  | cps   |
| Gadolinium | 160-2 | 67      | 60      | 40      | 56      | 24.98  | cps   |
| Holmium    | 165-1 | 8127624 | 8097756 | 8120626 | 8115335 | 0.19   | cps   |
| Holmium    | 165-2 | 3696761 | 3681254 | 3679031 | 3685682 | 0.26   | cps   |
| Indium     | 115-1 | 5677930 | 5682463 | 5672112 | 5677502 | 0.09   | cps   |
| Indium     | 115-2 | 1042692 | 1042704 | 1029348 | 1038248 | 0.74   | cps   |
| Iron       | 56-2  | 16226   | 16804   | 16866   | 16632   | 2.12   | cps   |
| Iron       | 57-2  | 739     | 633     | 672     | 682     | 7.83   | cps   |
| Lead       | 206-1 | 3717    | 3778    | 3623    | 3706    | 2.12   | cps   |
| Lead       | 207-1 | 3150    | 3200    | 3301    | 3217    | 2.37   | cps   |
| Lead       | 208-1 | 14609   | 14982   | 14303   | 14631   | 2.32   | cps   |
| Lithium    | 6-1   | 788791  | 784432  | 780948  | 784724  | 0.50   | cps   |
| Magnesium  | 24-2  | 107541  | 106828  | 104689  | 106353  | 1.40   | cps   |
| Manganese  | 55-2  | 3360    | 3234    | 3254    | 3283    | 2.07   | cps   |

LB Number : LB88853 Operator : Jaswal  
 Lab Sample ID : I4278-20 Instrumnet Name : P7  
 Client Sample ID : DC3126-20-FL3-CL316-V Dilution Factor : 1  
 Date & Time Acquired :: 2017-07-19 21:42:08 DataFile Name : 145SMPL\_P7071917 -M

| Parameter  | Mass  | CPS1    | CPS2    | CPS3    | CPSMean | CPSRSD  | Units |
|------------|-------|---------|---------|---------|---------|---------|-------|
| Molybdenum | 94-1  | 225     | 342     | 258     | 275     | 21.85   | cps   |
| Molybdenum | 95-1  | 83      | 92      | 125     | 100     | 22.05   | cps   |
| Molybdenum | 96-1  | 167     | 183     | 225     | 192     | 15.68   | cps   |
| Molybdenum | 97-1  | 83      | 67      | 75      | 75      | 11.11   | cps   |
| Molybdenum | 98-1  | 142     | 108     | 208     | 153     | 33.33   | cps   |
| Neodymium  | 150-1 | 7       | 27      | 20      | 18      | 57.27   | cps   |
| Neodymium  | 150-2 | 3       | 0       | 7       | 3       | 100.05  | cps   |
| Nickel     | 60-2  | 903     | 867     | 793     | 854     | 6.56    | cps   |
| Phosphorus | 31-2  | 217     | 317     | 225     | 253     | 21.95   | cps   |
| Potassium  | 39-2  | 66684   | 66115   | 65043   | 65947   | 1.26    | cps   |
| Rhodium    | 103-1 | 4886171 | 4901627 | 4880841 | 4889546 | 0.22    | cps   |
| Rhodium    | 103-2 | 2197476 | 2189627 | 2164864 | 2183989 | 0.78    | cps   |
| Scandium   | 45-1  | 2631982 | 2680723 | 2644821 | 2652509 | 0.95    | cps   |
| Scandium   | 45-2  | 112779  | 115059  | 113457  | 113765  | 1.03    | cps   |
| Selenium   | 77-2  | 0       | 0       | 0       | 0       | 0.00    | cps   |
| Selenium   | 78-2  | 61      | 43      | 54      | 52      | 17.77   | cps   |
| Selenium   | 82-1  | -54     | 11      | -85     | -43     | -115.82 | cps   |
| Silicon    | 28-1  | 2926018 | 2881051 | 2852562 | 2886544 | 1.28    | cps   |
| Silver     | 109-1 | 358     | 325     | 258     | 314     | 16.22   | cps   |
| Silver     | 107-1 | 417     | 325     | 358     | 367     | 12.65   | cps   |
| Sodium     | 23-2  | 1645570 | 1648318 | 1642956 | 1645615 | 0.16    | cps   |
| Strontium  | 86-1  | 32939   | 32479   | 33465   | 32961   | 1.50    | cps   |
| Strontium  | 88-1  | 281822  | 280586  | 278031  | 280146  | 0.69    | cps   |
| Sulfur     | 34-1  | 198970  | 194765  | 195838  | 196524  | 1.11    | cps   |
| Terbium    | 159-1 | 8326344 | 8402843 | 8358044 | 8362410 | 0.46    | cps   |
| Terbium    | 159-2 | 3621238 | 3639690 | 3595595 | 3618841 | 0.61    | cps   |
| Thallium   | 203-1 | 58      | 75      | 100     | 78      | 26.96   | cps   |
| Thallium   | 205-1 | 283     | 208     | 225     | 239     | 16.49   | cps   |
| Tin        | 118-1 | 342     | 283     | 367     | 331     | 12.94   | cps   |
| Titanium   | 47-1  | 117     | 150     | 158     | 142     | 15.56   | cps   |
| Uranium    | 238-1 | 108     | 75      | 75      | 86      | 22.35   | cps   |
| Vanadium   | 51-2  | 37      | 40      | 40      | 39      | 4.94    | cps   |
| Yttrium    | 89-1  | 5509432 | 5557129 | 5520213 | 5528925 | 0.45    | cps   |
| Yttrium    | 89-2  | 745362  | 749134  | 737721  | 744072  | 0.78    | cps   |
| Zinc       | 66-2  | 18202   | 18238   | 18081   | 18174   | 0.45    | cps   |
| Zirconium  | 90-1  | 483     | 675     | 600     | 586     | 16.48   | cps   |

|                         |                       |                   |                     |
|-------------------------|-----------------------|-------------------|---------------------|
| LB Number :             | LB88853               | Operator :        | Jaswal              |
| Lab Sample ID :         | I4278-20              | Instrumnet Name : | P7                  |
| Client Sample ID :      | DC3126-20-FL3-CL316-V | Dilution Factor : | 1                   |
| Date & Time Acquired :: | 2017-07-19 21:42:08   | DataFile Name :   | 145SMPL_P7071917 -M |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|-----------|------|------|------|------|---------|--------|-------|
| Zirconium | 91-1 | 117  | 150  | 117  | 128     | 15.06  | cps   |

LB Number : LB88853 Operator : Jaswal  
 Lab Sample ID : I4278-21 Instrumnet Name : P7  
 Client Sample ID : DC3126-21-FL3-CL316-V Dilution Factor : 1  
 Date & Time Acquired :: 2017-07-19 21:45:41 DataFile Name : 146SMPL\_P7071917 -M

| Parameter  | Mass  | CPS1    | CPS2    | CPS3    | CPSMean | CPSRSD | Units |
|------------|-------|---------|---------|---------|---------|--------|-------|
| Aluminium  | 27-2  | 108     | 100     | 92      | 100     | 8.33   | cps   |
| Antimony   | 121-1 | 83      | 133     | 92      | 103     | 26.06  | cps   |
| Arsenic    | 75-2  | 15      | 2       | 11      | 9       | 72.14  | cps   |
| Barium     | 135-1 | 292     | 142     | 200     | 211     | 35.82  | cps   |
| Barium     | 137-1 | 350     | 375     | 300     | 342     | 11.18  | cps   |
| Beryllium  | 9-1   | 89      | 100     | 117     | 102     | 13.73  | cps   |
| Bismuth    | 209-1 | 5435693 | 5106320 | 5366478 | 5302830 | 3.27   | cps   |
| Bismuth    | 209-2 | 2923577 | 2975284 | 2984440 | 2961100 | 1.11   | cps   |
| Boron      | 10-1  | 408     | 367     | 425     | 400     | 7.51   | cps   |
| Boron      | 11-1  | 2059    | 2042    | 2450    | 2184    | 10.58  | cps   |
| Cadmium    | 111-1 | 1264    | 1186    | 1121    | 1190    | 6.02   | cps   |
| Cadmium    | 106-1 | 1800    | 1692    | 1600    | 1697    | 5.90   | cps   |
| Cadmium    | 108-1 | 0       | 4       | 4       | 3       | 86.60  | cps   |
| Calcium    | 43-1  | 97520   | 99089   | 96991   | 97867   | 1.11   | cps   |
| Calcium    | 44-1  | 1612734 | 1597323 | 1588434 | 1599497 | 0.77   | cps   |
| Chromium   | 52-2  | 263     | 270     | 290     | 274     | 5.06   | cps   |
| Cobalt     | 59-2  | 20      | 27      | 53      | 33      | 52.91  | cps   |
| Copper     | 63-2  | 1033    | 950     | 887     | 957     | 7.69   | cps   |
| Dysprosium | 156-1 | 0       | 8       | 8       | 6       | 86.60  | cps   |
| Dysprosium | 156-2 | 3       | 7       | 3       | 4       | 43.40  | cps   |
| Erbium     | 164-1 | 33      | 25      | 25      | 28      | 17.31  | cps   |
| Erbium     | 164-2 | 13      | 7       | 13      | 11      | 34.61  | cps   |
| Gadolinium | 160-1 | 58      | 8       | 42      | 36      | 70.51  | cps   |
| Gadolinium | 160-2 | 70      | 63      | 50      | 61      | 16.66  | cps   |
| Holmium    | 165-1 | 8162026 | 7967042 | 8122439 | 8083836 | 1.27   | cps   |
| Holmium    | 165-2 | 3673058 | 3739391 | 3750059 | 3720836 | 1.12   | cps   |
| Indium     | 115-1 | 5683887 | 5508856 | 5656898 | 5616547 | 1.68   | cps   |
| Indium     | 115-2 | 1039967 | 1049978 | 1050710 | 1046885 | 0.57   | cps   |
| Iron       | 56-2  | 2867    | 2911    | 2950    | 2910    | 1.43   | cps   |
| Iron       | 57-2  | 428     | 406     | 322     | 385     | 14.45  | cps   |
| Lead       | 206-1 | 1167    | 1095    | 1022    | 1095    | 6.60   | cps   |
| Lead       | 207-1 | 861     | 1017    | 978     | 952     | 8.50   | cps   |
| Lead       | 208-1 | 4462    | 4312    | 4161    | 4312    | 3.48   | cps   |
| Lithium    | 6-1   | 786595  | 770846  | 781933  | 779791  | 1.04   | cps   |
| Magnesium  | 24-2  | 263804  | 267087  | 262805  | 264566  | 0.85   | cps   |
| Manganese  | 55-2  | 310     | 390     | 437     | 379     | 16.91  | cps   |

LB Number : LB88853 Operator : Jaswal  
 Lab Sample ID : I4278-21 Instrumnet Name : P7  
 Client Sample ID : DC3126-21-FL3-CL316-V Dilution Factor : 1  
 Date & Time Acquired :: 2017-07-19 21:45:41 DataFile Name : 146SMPL\_P7071917 -M

| Parameter  | Mass  | CPS1    | CPS2    | CPS3    | CPSMean | CPSRSD  | Units |
|------------|-------|---------|---------|---------|---------|---------|-------|
| Molybdenum | 94-1  | 167     | 108     | 192     | 156     | 27.49   | cps   |
| Molybdenum | 95-1  | 8       | 17      | 42      | 22      | 78.07   | cps   |
| Molybdenum | 96-1  | 50      | 25      | 58      | 44      | 39.04   | cps   |
| Molybdenum | 97-1  | 17      | 50      | 17      | 28      | 69.27   | cps   |
| Molybdenum | 98-1  | 25      | 50      | 33      | 36      | 35.25   | cps   |
| Neodymium  | 150-1 | 13      | 0       | 7       | 7       | 99.98   | cps   |
| Neodymium  | 150-2 | 0       | 3       | 3       | 2       | 86.60   | cps   |
| Nickel     | 60-2  | 167     | 143     | 157     | 156     | 7.52    | cps   |
| Phosphorus | 31-2  | 50      | 75      | 25      | 50      | 50.00   | cps   |
| Potassium  | 39-2  | 20557   | 21299   | 20515   | 20790   | 2.12    | cps   |
| Rhodium    | 103-1 | 4873584 | 4768941 | 4871031 | 4837852 | 1.23    | cps   |
| Rhodium    | 103-2 | 2190947 | 2217526 | 2207149 | 2205207 | 0.61    | cps   |
| Scandium   | 45-1  | 2664121 | 2568138 | 2654320 | 2628860 | 2.01    | cps   |
| Scandium   | 45-2  | 113255  | 115899  | 115415  | 114856  | 1.23    | cps   |
| Selenium   | 77-2  | 3       | 0       | 0       | 1       | 173.21  | cps   |
| Selenium   | 78-2  | 54      | 52      | 44      | 50      | 9.80    | cps   |
| Selenium   | 82-1  | -24     | -48     | 44      | -9      | -524.65 | cps   |
| Silicon    | 28-1  | 207665  | 199854  | 201292  | 202937  | 2.05    | cps   |
| Silver     | 109-1 | 100     | 125     | 183     | 136     | 31.41   | cps   |
| Silver     | 107-1 | 183     | 183     | 225     | 197     | 12.20   | cps   |
| Sodium     | 23-2  | 1014102 | 1017549 | 1016721 | 1016124 | 0.18    | cps   |
| Strontium  | 86-1  | 2709    | 2617    | 2625    | 2650    | 1.91    | cps   |
| Strontium  | 88-1  | 16952   | 16677   | 16377   | 16669   | 1.73    | cps   |
| Sulfur     | 34-1  | 246015  | 242510  | 247336  | 245287  | 1.02    | cps   |
| Terbium    | 159-1 | 8327162 | 8059606 | 8250671 | 8212480 | 1.68    | cps   |
| Terbium    | 159-2 | 3598086 | 3656081 | 3662099 | 3638755 | 0.97    | cps   |
| Thallium   | 203-1 | 92      | 42      | 133     | 89      | 51.63   | cps   |
| Thallium   | 205-1 | 292     | 192     | 283     | 256     | 21.71   | cps   |
| Tin        | 118-1 | 208     | 325     | 208     | 247     | 27.25   | cps   |
| Titanium   | 47-1  | 42      | 75      | 117     | 78      | 48.31   | cps   |
| Uranium    | 238-1 | 42      | 58      | 33      | 44      | 28.65   | cps   |
| Vanadium   | 51-2  | 10      | 27      | 10      | 16      | 61.87   | cps   |
| Yttrium    | 89-1  | 5573298 | 5375054 | 5527141 | 5491831 | 1.89    | cps   |
| Yttrium    | 89-2  | 746047  | 756408  | 755360  | 752605  | 0.76    | cps   |
| Zinc       | 66-2  | 253     | 213     | 243     | 237     | 8.80    | cps   |
| Zirconium  | 90-1  | 425     | 333     | 275     | 344     | 21.95   | cps   |



|                         |                       |                   |                     |
|-------------------------|-----------------------|-------------------|---------------------|
| LB Number :             | LB88853               | Operator :        | Jaswal              |
| Lab Sample ID :         | I4278-21              | Instrumnet Name : | P7                  |
| Client Sample ID :      | DC3126-21-FL3-CL316-V | Dilution Factor : | 1                   |
| Date & Time Acquired :: | 2017-07-19 21:45:41   | DataFile Name :   | 146SMPL_P7071917 -M |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|-----------|------|------|------|------|---------|--------|-------|
| Zirconium | 91-1 | 92   | 117  | 58   | 89      | 32.92  | cps   |

LB Number : LB88853 Operator : Jaswal  
 Lab Sample ID : I4278-22 Instrumnet Name : P7  
 Client Sample ID : DC3126-22-FL3-CL316-V Dilution Factor : 1  
 Date & Time Acquired :: 2017-07-19 21:49:13 DataFile Name : 147SMPL\_P7071917 -M

| Parameter  | Mass  | CPS1    | CPS2    | CPS3    | CPSMean | CPSRSD | Units |
|------------|-------|---------|---------|---------|---------|--------|-------|
| Aluminium  | 27-2  | 50      | 58      | 92      | 67      | 33.07  | cps   |
| Antimony   | 121-1 | 142     | 83      | 83      | 103     | 32.77  | cps   |
| Arsenic    | 75-2  | 4       | 9       | 7       | 7       | 41.70  | cps   |
| Barium     | 135-1 | 142     | 192     | 208     | 181     | 19.21  | cps   |
| Barium     | 137-1 | 225     | 292     | 325     | 281     | 18.15  | cps   |
| Beryllium  | 9-1   | 44      | 33      | 67      | 48      | 35.25  | cps   |
| Bismuth    | 209-1 | 5502145 | 5468196 | 5355599 | 5441980 | 1.41   | cps   |
| Bismuth    | 209-2 | 2843248 | 2913875 | 2973569 | 2910231 | 2.24   | cps   |
| Boron      | 10-1  | 450     | 433     | 400     | 428     | 5.95   | cps   |
| Boron      | 11-1  | 2184    | 2017    | 2017    | 2072    | 4.64   | cps   |
| Cadmium    | 111-1 | 1273    | 1226    | 1037    | 1179    | 10.62  | cps   |
| Cadmium    | 106-1 | 1825    | 1750    | 1483    | 1686    | 10.65  | cps   |
| Cadmium    | 108-1 | 13      | 4       | 8       | 8       | 49.98  | cps   |
| Calcium    | 43-1  | 101673  | 101355  | 100179  | 101069  | 0.78   | cps   |
| Calcium    | 44-1  | 1648710 | 1643676 | 1634369 | 1642252 | 0.44   | cps   |
| Chromium   | 52-2  | 340     | 313     | 260     | 304     | 13.38  | cps   |
| Cobalt     | 59-2  | 50      | 57      | 40      | 49      | 17.16  | cps   |
| Copper     | 63-2  | 800     | 777     | 897     | 824     | 7.72   | cps   |
| Dysprosium | 156-1 | 8       | 17      | 17      | 14      | 34.67  | cps   |
| Dysprosium | 156-2 | 0       | 3       | 0       | 1       | 173.21 | cps   |
| Erbium     | 164-1 | 42      | 17      | 17      | 25      | 57.73  | cps   |
| Erbium     | 164-2 | 7       | 7       | 13      | 9       | 43.25  | cps   |
| Gadolinium | 160-1 | 33      | 33      | 42      | 36      | 13.33  | cps   |
| Gadolinium | 160-2 | 43      | 50      | 33      | 42      | 19.87  | cps   |
| Holmium    | 165-1 | 8196581 | 8214104 | 8156800 | 8189161 | 0.36   | cps   |
| Holmium    | 165-2 | 3647225 | 3713437 | 3746974 | 3702545 | 1.37   | cps   |
| Indium     | 115-1 | 5806609 | 5730456 | 5650693 | 5729253 | 1.36   | cps   |
| Indium     | 115-2 | 1034570 | 1050071 | 1059441 | 1048027 | 1.20   | cps   |
| Iron       | 56-2  | 3023    | 3106    | 3050    | 3060    | 1.39   | cps   |
| Iron       | 57-2  | 339     | 411     | 361     | 370     | 9.99   | cps   |
| Lead       | 206-1 | 922     | 1011    | 922     | 952     | 5.39   | cps   |
| Lead       | 207-1 | 995     | 933     | 939     | 956     | 3.54   | cps   |
| Lead       | 208-1 | 3878    | 4284    | 4223    | 4128    | 5.30   | cps   |
| Lithium    | 6-1   | 795939  | 788505  | 789796  | 791413  | 0.50   | cps   |
| Magnesium  | 24-2  | 269719  | 268810  | 269046  | 269191  | 0.18   | cps   |
| Manganese  | 55-2  | 393     | 337     | 407     | 379     | 9.81   | cps   |

LB Number : LB88853 Operator : Jaswal  
 Lab Sample ID : I4278-22 Instrumnet Name : P7  
 Client Sample ID : DC3126-22-FL3-CL316-V Dilution Factor : 1  
 Date & Time Acquired :: 2017-07-19 21:49:13 DataFile Name : 147SMPL\_P7071917 -M

| Parameter  | Mass  | CPS1    | CPS2    | CPS3    | CPSMean | CPSRSD  | Units |
|------------|-------|---------|---------|---------|---------|---------|-------|
| Molybdenum | 94-1  | 100     | 125     | 92      | 106     | 16.44   | cps   |
| Molybdenum | 95-1  | 17      | 0       | 25      | 14      | 91.65   | cps   |
| Molybdenum | 96-1  | 25      | 117     | 50      | 64      | 74.17   | cps   |
| Molybdenum | 97-1  | 33      | 42      | 75      | 50      | 44.10   | cps   |
| Molybdenum | 98-1  | 33      | 25      | 8       | 22      | 57.29   | cps   |
| Neodymium  | 150-1 | 13      | 0       | 0       | 4       | 173.21  | cps   |
| Neodymium  | 150-2 | 0       | 0       | 0       | 0       | 0.00    | cps   |
| Nickel     | 60-2  | 147     | 190     | 180     | 172     | 13.17   | cps   |
| Phosphorus | 31-2  | 50      | 75      | 50      | 58      | 24.74   | cps   |
| Potassium  | 39-2  | 20915   | 20657   | 21041   | 20871   | 0.94    | cps   |
| Rhodium    | 103-1 | 5019023 | 4937849 | 4899681 | 4952184 | 1.23    | cps   |
| Rhodium    | 103-2 | 2181125 | 2210639 | 2232649 | 2208138 | 1.17    | cps   |
| Scandium   | 45-1  | 2737514 | 2710440 | 2677219 | 2708391 | 1.12    | cps   |
| Scandium   | 45-2  | 113346  | 115596  | 116627  | 115190  | 1.46    | cps   |
| Selenium   | 77-2  | 0       | 0       | 3       | 1       | 173.21  | cps   |
| Selenium   | 78-2  | 35      | 67      | 41      | 48      | 35.35   | cps   |
| Selenium   | 82-1  | -84     | -8      | 25      | -22     | -251.39 | cps   |
| Silicon    | 28-1  | 217396  | 203892  | 204819  | 208702  | 3.61    | cps   |
| Silver     | 109-1 | 183     | 192     | 267     | 214     | 21.46   | cps   |
| Silver     | 107-1 | 158     | 250     | 208     | 206     | 22.33   | cps   |
| Sodium     | 23-2  | 1045051 | 1041905 | 1045721 | 1044226 | 0.20    | cps   |
| Strontium  | 86-1  | 2717    | 2284    | 2534    | 2511    | 8.66    | cps   |
| Strontium  | 88-1  | 17002   | 16827   | 16911   | 16913   | 0.52    | cps   |
| Sulfur     | 34-1  | 249912  | 248490  | 249412  | 249271  | 0.29    | cps   |
| Terbium    | 159-1 | 8465952 | 8341576 | 8395460 | 8400996 | 0.74    | cps   |
| Terbium    | 159-2 | 3562164 | 3643017 | 3671368 | 3625516 | 1.56    | cps   |
| Thallium   | 203-1 | 133     | 83      | 100     | 106     | 24.12   | cps   |
| Thallium   | 205-1 | 217     | 258     | 183     | 219     | 17.13   | cps   |
| Tin        | 118-1 | 275     | 225     | 250     | 250     | 10.00   | cps   |
| Titanium   | 47-1  | 50      | 83      | 108     | 81      | 36.33   | cps   |
| Uranium    | 238-1 | 100     | 25      | 42      | 56      | 70.89   | cps   |
| Vanadium   | 51-2  | 17      | 7       | 17      | 13      | 43.29   | cps   |
| Yttrium    | 89-1  | 5639743 | 5602409 | 5518364 | 5586839 | 1.11    | cps   |
| Yttrium    | 89-2  | 748496  | 756796  | 759278  | 754857  | 0.75    | cps   |
| Zinc       | 66-2  | 210     | 240     | 260     | 237     | 10.63   | cps   |
| Zirconium  | 90-1  | 225     | 358     | 417     | 333     | 29.48   | cps   |

|                         |                       |                   |                     |
|-------------------------|-----------------------|-------------------|---------------------|
| LB Number :             | LB88853               | Operator :        | Jaswal              |
| Lab Sample ID :         | I4278-22              | Instrumnet Name : | P7                  |
| Client Sample ID :      | DC3126-22-FL3-CL316-V | Dilution Factor : | 1                   |
| Date & Time Acquired :: | 2017-07-19 21:49:13   | DataFile Name :   | 147SMPL_P7071917 -M |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|-----------|------|------|------|------|---------|--------|-------|
| Zirconium | 91-1 | 142  | 50   | 75   | 89      | 53.31  | cps   |

LB Number : LB88853 Operator : Jaswal  
 Lab Sample ID : I4278-23 Instrumnet Name : P7  
 Client Sample ID : DC3126-23-FL3-CL313-V Dilution Factor : 1  
 Date & Time Acquired :: 2017-07-19 21:52:46 DataFile Name : 148SMPL\_P7071917 -M

| Parameter  | Mass  | CPS1    | CPS2    | CPS3    | CPSMean | CPSRSD | Units |
|------------|-------|---------|---------|---------|---------|--------|-------|
| Aluminium  | 27-2  | 367     | 350     | 425     | 381     | 10.35  | cps   |
| Antimony   | 121-1 | 283     | 367     | 383     | 344     | 15.55  | cps   |
| Arsenic    | 75-2  | 50      | 41      | 50      | 47      | 11.40  | cps   |
| Barium     | 135-1 | 26284   | 25583   | 26017   | 25961   | 1.36   | cps   |
| Barium     | 137-1 | 45969   | 45760   | 44631   | 45453   | 1.58   | cps   |
| Beryllium  | 9-1   | 56      | 72      | 39      | 56      | 30.00  | cps   |
| Bismuth    | 209-1 | 5662418 | 5409973 | 5169095 | 5413829 | 4.56   | cps   |
| Bismuth    | 209-2 | 2876116 | 2927798 | 2898566 | 2900827 | 0.89   | cps   |
| Boron      | 10-1  | 450     | 550     | 483     | 494     | 10.30  | cps   |
| Boron      | 11-1  | 2234    | 2250    | 2409    | 2297    | 4.21   | cps   |
| Cadmium    | 111-1 | 1243    | 1392    | 1254    | 1296    | 6.42   | cps   |
| Cadmium    | 106-1 | 1750    | 1942    | 1759    | 1817    | 5.96   | cps   |
| Cadmium    | 108-1 | 17      | 13      | 8       | 13      | 33.36  | cps   |
| Calcium    | 43-1  | 70753   | 70468   | 69095   | 70105   | 1.26   | cps   |
| Calcium    | 44-1  | 1154536 | 1144520 | 1132475 | 1143844 | 0.97   | cps   |
| Chromium   | 52-2  | 347     | 307     | 303     | 319     | 7.56   | cps   |
| Cobalt     | 59-2  | 103     | 77      | 83      | 88      | 15.81  | cps   |
| Copper     | 63-2  | 406042  | 403727  | 403301  | 404356  | 0.36   | cps   |
| Dysprosium | 156-1 | 17      | 67      | 25      | 36      | 74.18  | cps   |
| Dysprosium | 156-2 | 20      | 7       | 17      | 14      | 48.02  | cps   |
| Erbium     | 164-1 | 75      | 67      | 17      | 53      | 59.77  | cps   |
| Erbium     | 164-2 | 20      | 20      | 33      | 24      | 31.49  | cps   |
| Gadolinium | 160-1 | 50      | 50      | 75      | 58      | 24.74  | cps   |
| Gadolinium | 160-2 | 47      | 67      | 63      | 59      | 18.19  | cps   |
| Holmium    | 165-1 | 8282173 | 8104517 | 7982674 | 8123121 | 1.85   | cps   |
| Holmium    | 165-2 | 3664875 | 3661585 | 3671399 | 3665953 | 0.14   | cps   |
| Indium     | 115-1 | 5821142 | 5640737 | 5538688 | 5666856 | 2.52   | cps   |
| Indium     | 115-2 | 1032952 | 1033965 | 1032823 | 1033246 | 0.06   | cps   |
| Iron       | 56-2  | 25769   | 25569   | 24505   | 25281   | 2.69   | cps   |
| Iron       | 57-2  | 900     | 839     | 794     | 844     | 6.28   | cps   |
| Lead       | 206-1 | 2206    | 2295    | 2150    | 2217    | 3.29   | cps   |
| Lead       | 207-1 | 2000    | 2100    | 1889    | 1997    | 5.29   | cps   |
| Lead       | 208-1 | 9129    | 9302    | 8968    | 9133    | 1.83   | cps   |
| Lithium    | 6-1   | 808906  | 780522  | 775184  | 788204  | 2.30   | cps   |
| Magnesium  | 24-2  | 102205  | 100897  | 101065  | 101389  | 0.70   | cps   |
| Manganese  | 55-2  | 6938    | 6672    | 6608    | 6739    | 2.60   | cps   |

LB Number : LB88853 Operator : Jaswal  
 Lab Sample ID : I4278-23 Instrumnet Name : P7  
 Client Sample ID : DC3126-23-FL3-CL313-V Dilution Factor : 1  
 Date & Time Acquired :: 2017-07-19 21:52:46 DataFile Name : 148SMPL\_P7071917 -M

| Parameter  | Mass  | CPS1    | CPS2    | CPS3    | CPSMean | CPSRSD | Units |
|------------|-------|---------|---------|---------|---------|--------|-------|
| Molybdenum | 94-1  | 325     | 400     | 308     | 344     | 14.18  | cps   |
| Molybdenum | 95-1  | 92      | 50      | 133     | 92      | 45.46  | cps   |
| Molybdenum | 96-1  | 233     | 200     | 250     | 228     | 11.18  | cps   |
| Molybdenum | 97-1  | 75      | 100     | 92      | 89      | 14.33  | cps   |
| Molybdenum | 98-1  | 200     | 158     | 183     | 181     | 11.62  | cps   |
| Neodymium  | 150-1 | 27      | 7       | 47      | 27      | 74.99  | cps   |
| Neodymium  | 150-2 | 3       | 10      | 17      | 10      | 66.70  | cps   |
| Nickel     | 60-2  | 8576    | 8913    | 8779    | 8756    | 1.94   | cps   |
| Phosphorus | 31-2  | 1158    | 917     | 1208    | 1095    | 14.25  | cps   |
| Potassium  | 39-2  | 67361   | 65470   | 65495   | 66109   | 1.64   | cps   |
| Rhodium    | 103-1 | 5065372 | 4883929 | 4768170 | 4905824 | 3.05   | cps   |
| Rhodium    | 103-2 | 2164206 | 2164642 | 2173280 | 2167376 | 0.24   | cps   |
| Scandium   | 45-1  | 2784789 | 2664848 | 2553937 | 2667858 | 4.33   | cps   |
| Scandium   | 45-2  | 111838  | 112170  | 113161  | 112390  | 0.61   | cps   |
| Selenium   | 77-2  | 0       | 0       | 0       | 0       | 0.00   | cps   |
| Selenium   | 78-2  | 35      | 44      | 46      | 42      | 14.18  | cps   |
| Selenium   | 82-1  | 108     | 10      | 25      | 48      | 110.34 | cps   |
| Silicon    | 28-1  | 2666161 | 2651734 | 2648765 | 2655553 | 0.35   | cps   |
| Silver     | 109-1 | 217     | 300     | 275     | 264     | 16.21  | cps   |
| Silver     | 107-1 | 350     | 317     | 217     | 294     | 23.57  | cps   |
| Sodium     | 23-2  | 1700685 | 1688106 | 1681145 | 1689979 | 0.59   | cps   |
| Strontium  | 86-1  | 33674   | 32187   | 32279   | 32713   | 2.55   | cps   |
| Strontium  | 88-1  | 285462  | 285486  | 280915  | 283954  | 0.93   | cps   |
| Sulfur     | 34-1  | 199579  | 195532  | 196165  | 197092  | 1.10   | cps   |
| Terbium    | 159-1 | 8577024 | 8315490 | 8143892 | 8345468 | 2.61   | cps   |
| Terbium    | 159-2 | 3578877 | 3608295 | 3587637 | 3591603 | 0.42   | cps   |
| Thallium   | 203-1 | 100     | 92      | 83      | 92      | 9.09   | cps   |
| Thallium   | 205-1 | 250     | 283     | 225     | 253     | 11.58  | cps   |
| Tin        | 118-1 | 408     | 458     | 425     | 431     | 5.91   | cps   |
| Titanium   | 47-1  | 383     | 308     | 258     | 317     | 19.87  | cps   |
| Uranium    | 238-1 | 350     | 167     | 158     | 225     | 48.15  | cps   |
| Vanadium   | 51-2  | 73      | 70      | 77      | 73      | 4.55   | cps   |
| Yttrium    | 89-1  | 5679298 | 5496887 | 5409769 | 5528652 | 2.49   | cps   |
| Yttrium    | 89-2  | 741671  | 742883  | 739917  | 741490  | 0.20   | cps   |
| Zinc       | 66-2  | 66384   | 65392   | 66253   | 66010   | 0.82   | cps   |
| Zirconium  | 90-1  | 550     | 533     | 733     | 606     | 18.33  | cps   |

|                         |                       |                   |                     |
|-------------------------|-----------------------|-------------------|---------------------|
| LB Number :             | LB88853               | Operator :        | Jaswal              |
| Lab Sample ID :         | I4278-23              | Instrumnet Name : | P7                  |
| Client Sample ID :      | DC3126-23-FL3-CL313-V | Dilution Factor : | 1                   |
| Date & Time Acquired :: | 2017-07-19 21:52:46   | DataFile Name :   | 148SMPL_P7071917 -M |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|-----------|------|------|------|------|---------|--------|-------|
| Zirconium | 91-1 | 133  | 183  | 167  | 161     | 15.80  | cps   |

LB Number : LB88853 Operator : Jaswal  
 Lab Sample ID : I4278-24 Instrumnet Name : P7  
 Client Sample ID : DC3126-24-FL3-CL313-V Dilution Factor : 1  
 Date & Time Acquired :: 2017-07-19 21:56:17 DataFile Name : 149SMPL\_P7071917 -M

| Parameter  | Mass  | CPS1    | CPS2    | CPS3    | CPSMean | CPSRSD | Units |
|------------|-------|---------|---------|---------|---------|--------|-------|
| Aluminium  | 27-2  | 492     | 633     | 575     | 567     | 12.57  | cps   |
| Antimony   | 121-1 | 267     | 267     | 242     | 258     | 5.59   | cps   |
| Arsenic    | 75-2  | 59      | 65      | 52      | 59      | 11.10  | cps   |
| Barium     | 135-1 | 27854   | 26560   | 25616   | 26677   | 4.21   | cps   |
| Barium     | 137-1 | 46278   | 45961   | 46563   | 46267   | 0.65   | cps   |
| Beryllium  | 9-1   | 78      | 94      | 61      | 78      | 21.43  | cps   |
| Bismuth    | 209-1 | 5385696 | 5352500 | 5139167 | 5292454 | 2.53   | cps   |
| Bismuth    | 209-2 | 2926254 | 3001068 | 3056037 | 2994453 | 2.18   | cps   |
| Boron      | 10-1  | 308     | 508     | 575     | 464     | 29.92  | cps   |
| Boron      | 11-1  | 2309    | 2084    | 2217    | 2203    | 5.14   | cps   |
| Cadmium    | 111-1 | 1018    | 1063    | 1156    | 1079    | 6.52   | cps   |
| Cadmium    | 106-1 | 1442    | 1517    | 1625    | 1528    | 6.03   | cps   |
| Cadmium    | 108-1 | 0       | 4       | 4       | 3       | 86.60  | cps   |
| Calcium    | 43-1  | 69849   | 69162   | 68300   | 69104   | 1.12   | cps   |
| Calcium    | 44-1  | 1138224 | 1120305 | 1125283 | 1127937 | 0.82   | cps   |
| Chromium   | 52-2  | 270     | 360     | 353     | 328     | 15.30  | cps   |
| Cobalt     | 59-2  | 73      | 97      | 103     | 91      | 17.29  | cps   |
| Copper     | 63-2  | 292046  | 290176  | 293105  | 291776  | 0.51   | cps   |
| Dysprosium | 156-1 | 100     | 67      | 33      | 67      | 50.00  | cps   |
| Dysprosium | 156-2 | 3       | 13      | 23      | 13      | 75.02  | cps   |
| Erbium     | 164-1 | 33      | 50      | 42      | 42      | 20.00  | cps   |
| Erbium     | 164-2 | 30      | 27      | 37      | 31      | 16.37  | cps   |
| Gadolinium | 160-1 | 92      | 92      | 67      | 83      | 17.32  | cps   |
| Gadolinium | 160-2 | 63      | 77      | 100     | 80      | 23.20  | cps   |
| Holmium    | 165-1 | 8117623 | 8073234 | 7918462 | 8036440 | 1.30   | cps   |
| Holmium    | 165-2 | 3660943 | 3707490 | 3761323 | 3709918 | 1.35   | cps   |
| Indium     | 115-1 | 5675319 | 5620069 | 5503187 | 5599525 | 1.57   | cps   |
| Indium     | 115-2 | 1034231 | 1043819 | 1062876 | 1046975 | 1.39   | cps   |
| Iron       | 56-2  | 31569   | 31981   | 36043   | 33198   | 7.45   | cps   |
| Iron       | 57-2  | 1178    | 1067    | 972     | 1072    | 9.60   | cps   |
| Lead       | 206-1 | 1767    | 1917    | 1700    | 1795    | 6.18   | cps   |
| Lead       | 207-1 | 1656    | 1472    | 1567    | 1565    | 5.86   | cps   |
| Lead       | 208-1 | 7479    | 7662    | 7257    | 7466    | 2.72   | cps   |
| Lithium    | 6-1   | 783511  | 775090  | 763103  | 773901  | 1.33   | cps   |
| Magnesium  | 24-2  | 98665   | 99378   | 99135   | 99059   | 0.37   | cps   |
| Manganese  | 55-2  | 9480    | 9630    | 9320    | 9477    | 1.64   | cps   |



|                         |                       |                   |                     |
|-------------------------|-----------------------|-------------------|---------------------|
| LB Number :             | LB88853               | Operator :        | Jaswal              |
| Lab Sample ID :         | I4278-24              | Instrumnet Name : | P7                  |
| Client Sample ID :      | DC3126-24-FL3-CL313-V | Dilution Factor : | 1                   |
| Date & Time Acquired :: | 2017-07-19 21:56:17   | DataFile Name :   | 149SMPL_P7071917 -M |

| Parameter  | Mass  | CPS1    | CPS2    | CPS3    | CPSMean | CPSRSD | Units |
|------------|-------|---------|---------|---------|---------|--------|-------|
| Molybdenum | 94-1  | 292     | 408     | 317     | 339     | 18.12  | cps   |
| Molybdenum | 95-1  | 83      | 67      | 117     | 89      | 28.64  | cps   |
| Molybdenum | 96-1  | 175     | 158     | 183     | 172     | 7.39   | cps   |
| Molybdenum | 97-1  | 100     | 67      | 92      | 86      | 20.14  | cps   |
| Molybdenum | 98-1  | 192     | 175     | 175     | 181     | 5.33   | cps   |
| Neodymium  | 150-1 | 27      | 20      | 67      | 38      | 66.81  | cps   |
| Neodymium  | 150-2 | 20      | 13      | 13      | 16      | 24.76  | cps   |
| Nickel     | 60-2  | 727     | 683     | 747     | 719     | 4.50   | cps   |
| Phosphorus | 31-2  | 1142    | 1183    | 1167    | 1164    | 1.80   | cps   |
| Potassium  | 39-2  | 65729   | 65922   | 63980   | 65211   | 1.64   | cps   |
| Rhodium    | 103-1 | 4845578 | 4818393 | 4759243 | 4807738 | 0.92   | cps   |
| Rhodium    | 103-2 | 2179690 | 2188285 | 2228895 | 2198957 | 1.20   | cps   |
| Scandium   | 45-1  | 2655586 | 2624481 | 2581421 | 2620496 | 1.42   | cps   |
| Scandium   | 45-2  | 114605  | 113443  | 116319  | 114789  | 1.26   | cps   |
| Selenium   | 77-2  | 0       | 0       | 0       | 0       | 0.00   | cps   |
| Selenium   | 78-2  | 43      | 46      | 44      | 44      | 4.17   | cps   |
| Selenium   | 82-1  | 34      | 15      | 36      | 29      | 41.38  | cps   |
| Silicon    | 28-1  | 2571534 | 2574958 | 2563697 | 2570063 | 0.22   | cps   |
| Silver     | 109-1 | 150     | 225     | 175     | 183     | 20.83  | cps   |
| Silver     | 107-1 | 275     | 200     | 117     | 197     | 40.16  | cps   |
| Sodium     | 23-2  | 1667674 | 1666192 | 1658777 | 1664214 | 0.29   | cps   |
| Strontium  | 86-1  | 33582   | 33941   | 32371   | 33298   | 2.47   | cps   |
| Strontium  | 88-1  | 285997  | 278385  | 282657  | 282347  | 1.35   | cps   |
| Sulfur     | 34-1  | 198650  | 196811  | 195880  | 197113  | 0.72   | cps   |
| Terbium    | 159-1 | 8291647 | 8267158 | 8097386 | 8218731 | 1.29   | cps   |
| Terbium    | 159-2 | 3582599 | 3643345 | 3708078 | 3644674 | 1.72   | cps   |
| Thallium   | 203-1 | 133     | 50      | 117     | 100     | 44.10  | cps   |
| Thallium   | 205-1 | 183     | 150     | 192     | 175     | 12.60  | cps   |
| Tin        | 118-1 | 325     | 325     | 375     | 342     | 8.45   | cps   |
| Titanium   | 47-1  | 275     | 267     | 417     | 319     | 26.39  | cps   |
| Uranium    | 238-1 | 258     | 383     | 233     | 292     | 27.55  | cps   |
| Vanadium   | 51-2  | 100     | 113     | 77      | 97      | 19.20  | cps   |
| Yttrium    | 89-1  | 5498014 | 5444720 | 5359996 | 5434243 | 1.28   | cps   |
| Yttrium    | 89-2  | 751643  | 753105  | 763753  | 756167  | 0.87   | cps   |
| Zinc       | 66-2  | 6008    | 6188    | 5911    | 6036    | 2.33   | cps   |
| Zirconium  | 90-1  | 775     | 692     | 667     | 711     | 7.98   | cps   |

|                         |                       |                   |                     |
|-------------------------|-----------------------|-------------------|---------------------|
| LB Number :             | LB88853               | Operator :        | Jaswal              |
| Lab Sample ID :         | I4278-24              | Instrumnet Name : | P7                  |
| Client Sample ID :      | DC3126-24-FL3-CL313-V | Dilution Factor : | 1                   |
| Date & Time Acquired :: | 2017-07-19 21:56:17   | DataFile Name :   | 149SMPL_P7071917 -M |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|-----------|------|------|------|------|---------|--------|-------|
| Zirconium | 91-1 | 175  | 167  | 117  | 153     | 20.65  | cps   |

|                         |                       |                   |                     |
|-------------------------|-----------------------|-------------------|---------------------|
| LB Number :             | LB88853               | Operator :        | Jaswal              |
| Lab Sample ID :         | I4278-25              | Instrumnet Name : | P7                  |
| Client Sample ID :      | DC3126-25-FL3-CL313-V | Dilution Factor : | 1                   |
| Date & Time Acquired :: | 2017-07-19 21:59:49   | DataFile Name :   | 150SMPL_P7071917 -M |

| Parameter  | Mass  | CPS1    | CPS2    | CPS3    | CPSMean | CPSRSD | Units |
|------------|-------|---------|---------|---------|---------|--------|-------|
| Aluminium  | 27-2  | 75      | 33      | 108     | 72      | 52.04  | cps   |
| Antimony   | 121-1 | 108     | 25      | 75      | 69      | 60.40  | cps   |
| Arsenic    | 75-2  | 2       | 9       | 7       | 6       | 62.47  | cps   |
| Barium     | 135-1 | 142     | 158     | 167     | 156     | 8.18   | cps   |
| Barium     | 137-1 | 308     | 275     | 242     | 275     | 12.12  | cps   |
| Beryllium  | 9-1   | 72      | 78      | 56      | 69      | 16.88  | cps   |
| Bismuth    | 209-1 | 5399552 | 5267536 | 5408985 | 5358691 | 1.48   | cps   |
| Bismuth    | 209-2 | 2928144 | 2925348 | 2987080 | 2946857 | 1.18   | cps   |
| Boron      | 10-1  | 433     | 558     | 592     | 528     | 15.82  | cps   |
| Boron      | 11-1  | 2542    | 2767    | 2634    | 2648    | 4.27   | cps   |
| Cadmium    | 111-1 | 1120    | 1112    | 1305    | 1179    | 9.26   | cps   |
| Cadmium    | 106-1 | 1600    | 1583    | 1859    | 1681    | 9.18   | cps   |
| Cadmium    | 108-1 | 0       | 13      | 0       | 4       | 173.21 | cps   |
| Calcium    | 43-1  | 106666  | 107699  | 107203  | 107189  | 0.48   | cps   |
| Calcium    | 44-1  | 1743631 | 1744021 | 1729603 | 1739085 | 0.47   | cps   |
| Chromium   | 52-2  | 333     | 313     | 263     | 303     | 11.89  | cps   |
| Cobalt     | 59-2  | 37      | 27      | 20      | 28      | 30.20  | cps   |
| Copper     | 63-2  | 750     | 740     | 813     | 768     | 5.18   | cps   |
| Dysprosium | 156-1 | 0       | 0       | 0       | 0       | 0.00   | cps   |
| Dysprosium | 156-2 | 0       | 0       | 3       | 1       | 173.21 | cps   |
| Erbium     | 164-1 | 42      | 42      | 8       | 31      | 62.99  | cps   |
| Erbium     | 164-2 | 10      | 7       | 0       | 6       | 91.64  | cps   |
| Gadolinium | 160-1 | 33      | 33      | 42      | 36      | 13.33  | cps   |
| Gadolinium | 160-2 | 47      | 70      | 53      | 57      | 21.21  | cps   |
| Holmium    | 165-1 | 8181231 | 7998135 | 8133227 | 8104198 | 1.17   | cps   |
| Holmium    | 165-2 | 3674080 | 3696578 | 3764216 | 3711625 | 1.26   | cps   |
| Indium     | 115-1 | 5714407 | 5583264 | 5644189 | 5647287 | 1.16   | cps   |
| Indium     | 115-2 | 1037421 | 1029325 | 1061497 | 1042747 | 1.60   | cps   |
| Iron       | 56-2  | 3267    | 3223    | 3317    | 3269    | 1.45   | cps   |
| Iron       | 57-2  | 394     | 406     | 472     | 424     | 9.92   | cps   |
| Lead       | 206-1 | 995     | 1078    | 895     | 989     | 9.28   | cps   |
| Lead       | 207-1 | 922     | 900     | 917     | 913     | 1.27   | cps   |
| Lead       | 208-1 | 3611    | 4195    | 3967    | 3924    | 7.49   | cps   |
| Lithium    | 6-1   | 792217  | 777464  | 779974  | 783219  | 1.01   | cps   |
| Magnesium  | 24-2  | 281548  | 276987  | 279016  | 279184  | 0.82   | cps   |
| Manganese  | 55-2  | 390     | 377     | 327     | 364     | 9.16   | cps   |

|                         |                       |                   |                     |
|-------------------------|-----------------------|-------------------|---------------------|
| LB Number :             | LB88853               | Operator :        | Jaswal              |
| Lab Sample ID :         | I4278-25              | Instrumnet Name : | P7                  |
| Client Sample ID :      | DC3126-25-FL3-CL313-V | Dilution Factor : | 1                   |
| Date & Time Acquired :: | 2017-07-19 21:59:49   | DataFile Name :   | 150SMPL_P7071917 -M |

| Parameter  | Mass  | CPS1    | CPS2    | CPS3    | CPSMean | CPSRSD | Units |
|------------|-------|---------|---------|---------|---------|--------|-------|
| Molybdenum | 94-1  | 83      | 100     | 117     | 100     | 16.66  | cps   |
| Molybdenum | 95-1  | 33      | 25      | 8       | 22      | 57.29  | cps   |
| Molybdenum | 96-1  | 42      | 33      | 33      | 36      | 13.33  | cps   |
| Molybdenum | 97-1  | 42      | 42      | 42      | 42      | 0.00   | cps   |
| Molybdenum | 98-1  | 42      | 58      | 33      | 44      | 28.65  | cps   |
| Neodymium  | 150-1 | 0       | 0       | 13      | 4       | 173.21 | cps   |
| Neodymium  | 150-2 | 0       | 0       | 0       | 0       | 0.00   | cps   |
| Nickel     | 60-2  | 223     | 217     | 153     | 198     | 19.53  | cps   |
| Phosphorus | 31-2  | 83      | 58      | 67      | 69      | 18.33  | cps   |
| Potassium  | 39-2  | 22076   | 21992   | 22209   | 22092   | 0.50   | cps   |
| Rhodium    | 103-1 | 4924974 | 4796903 | 4850498 | 4857458 | 1.32   | cps   |
| Rhodium    | 103-2 | 2186085 | 2181748 | 2232566 | 2200133 | 1.28   | cps   |
| Scandium   | 45-1  | 2698120 | 2593850 | 2701208 | 2664393 | 2.29   | cps   |
| Scandium   | 45-2  | 112743  | 112997  | 116168  | 113969  | 1.67   | cps   |
| Selenium   | 77-2  | 0       | 0       | 0       | 0       | 0.00   | cps   |
| Selenium   | 78-2  | 52      | 76      | 46      | 58      | 27.14  | cps   |
| Selenium   | 82-1  | 44      | 1       | -9      | 12      | 228.55 | cps   |
| Silicon    | 28-1  | 218229  | 213766  | 214004  | 215333  | 1.17   | cps   |
| Silver     | 109-1 | 233     | 175     | 108     | 172     | 36.32  | cps   |
| Silver     | 107-1 | 175     | 158     | 125     | 153     | 16.66  | cps   |
| Sodium     | 23-2  | 1112882 | 1109425 | 1108469 | 1110259 | 0.21   | cps   |
| Strontium  | 86-1  | 2667    | 2784    | 2700    | 2717    | 2.21   | cps   |
| Strontium  | 88-1  | 20657   | 20574   | 20390   | 20540   | 0.67   | cps   |
| Sulfur     | 34-1  | 252633  | 249314  | 254327  | 252092  | 1.01   | cps   |
| Terbium    | 159-1 | 8358648 | 8176943 | 8309906 | 8281832 | 1.14   | cps   |
| Terbium    | 159-2 | 3599158 | 3623563 | 3685050 | 3635924 | 1.22   | cps   |
| Thallium   | 203-1 | 92      | 83      | 100     | 92      | 9.09   | cps   |
| Thallium   | 205-1 | 150     | 233     | 225     | 203     | 22.63  | cps   |
| Tin        | 118-1 | 225     | 292     | 242     | 253     | 13.73  | cps   |
| Titanium   | 47-1  | 92      | 58      | 83      | 78      | 22.30  | cps   |
| Uranium    | 238-1 | 42      | 0       | 33      | 25      | 88.19  | cps   |
| Vanadium   | 51-2  | 20      | 0       | 10      | 10      | 100.00 | cps   |
| Yttrium    | 89-1  | 5605567 | 5432884 | 5534884 | 5524445 | 1.57   | cps   |
| Yttrium    | 89-2  | 751129  | 751605  | 762535  | 755090  | 0.85   | cps   |
| Zinc       | 66-2  | 197     | 160     | 183     | 180     | 10.31  | cps   |
| Zirconium  | 90-1  | 183     | 217     | 267     | 222     | 18.87  | cps   |

|                         |                       |                   |                     |
|-------------------------|-----------------------|-------------------|---------------------|
| LB Number :             | LB88853               | Operator :        | Jaswal              |
| Lab Sample ID :         | I4278-25              | Instrumnet Name : | P7                  |
| Client Sample ID :      | DC3126-25-FL3-CL313-V | Dilution Factor : | 1                   |
| Date & Time Acquired :: | 2017-07-19 21:59:49   | DataFile Name :   | 150SMPL_P7071917 -M |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|-----------|------|------|------|------|---------|--------|-------|
| Zirconium | 91-1 | 42   | 58   | 67   | 56      | 22.91  | cps   |

LB Number : LB88853 Operator : Jaswal  
 Lab Sample ID : I4278-26 Instrumnet Name : P7  
 Client Sample ID : DC3126-26-FL3-CL313-V Dilution Factor : 1  
 Date & Time Acquired :: 2017-07-19 22:03:21 DataFile Name : 151SMPL\_P7071917 -M

| Parameter  | Mass  | CPS1    | CPS2    | CPS3    | CPSMean | CPSRSD | Units |
|------------|-------|---------|---------|---------|---------|--------|-------|
| Aluminium  | 27-2  | 117     | 75      | 75      | 89      | 27.07  | cps   |
| Antimony   | 121-1 | 108     | 75      | 117     | 100     | 22.05  | cps   |
| Arsenic    | 75-2  | 11      | 7       | 7       | 9       | 24.71  | cps   |
| Barium     | 135-1 | 217     | 175     | 158     | 183     | 16.39  | cps   |
| Barium     | 137-1 | 283     | 292     | 408     | 328     | 21.32  | cps   |
| Beryllium  | 9-1   | 39      | 33      | 78      | 50      | 48.44  | cps   |
| Bismuth    | 209-1 | 5410871 | 5177604 | 5741275 | 5443250 | 5.20   | cps   |
| Bismuth    | 209-2 | 2870306 | 2820740 | 2778714 | 2823253 | 1.62   | cps   |
| Boron      | 10-1  | 350     | 542     | 600     | 497     | 26.30  | cps   |
| Boron      | 11-1  | 2542    | 2759    | 2917    | 2739    | 6.87   | cps   |
| Cadmium    | 111-1 | 1161    | 1060    | 1238    | 1153    | 7.72   | cps   |
| Cadmium    | 106-1 | 1667    | 1508    | 1750    | 1642    | 7.48   | cps   |
| Cadmium    | 108-1 | 8       | 0       | 0       | 3       | 173.21 | cps   |
| Calcium    | 43-1  | 108009  | 107145  | 103669  | 106274  | 2.16   | cps   |
| Calcium    | 44-1  | 1722619 | 1730163 | 1706487 | 1719756 | 0.70   | cps   |
| Chromium   | 52-2  | 393     | 280     | 423     | 366     | 20.68  | cps   |
| Cobalt     | 59-2  | 47      | 23      | 40      | 37      | 32.79  | cps   |
| Copper     | 63-2  | 827     | 723     | 800     | 783     | 6.85   | cps   |
| Dysprosium | 156-1 | 0       | 8       | 17      | 8       | 100.02 | cps   |
| Dysprosium | 156-2 | 0       | 0       | 7       | 2       | 173.21 | cps   |
| Erbium     | 164-1 | 50      | 42      | 42      | 44      | 10.82  | cps   |
| Erbium     | 164-2 | 0       | 7       | 10      | 6       | 91.64  | cps   |
| Gadolinium | 160-1 | 108     | 0       | 8       | 39      | 155.03 | cps   |
| Gadolinium | 160-2 | 90      | 67      | 73      | 77      | 15.68  | cps   |
| Holmium    | 165-1 | 8107425 | 8031222 | 8279875 | 8139507 | 1.57   | cps   |
| Holmium    | 165-2 | 3628524 | 3565369 | 3666564 | 3620152 | 1.41   | cps   |
| Indium     | 115-1 | 5676588 | 5550374 | 6042648 | 5756537 | 4.44   | cps   |
| Indium     | 115-2 | 1028990 | 1010181 | 1032073 | 1023748 | 1.16   | cps   |
| Iron       | 56-2  | 3984    | 3734    | 3951    | 3890    | 3.49   | cps   |
| Iron       | 57-2  | 472     | 372     | 450     | 432     | 12.17  | cps   |
| Lead       | 206-1 | 983     | 1000    | 1011    | 998     | 1.40   | cps   |
| Lead       | 207-1 | 900     | 828     | 833     | 854     | 4.71   | cps   |
| Lead       | 208-1 | 3756    | 3906    | 3811    | 3824    | 1.98   | cps   |
| Lithium    | 6-1   | 790644  | 772359  | 804972  | 789325  | 2.07   | cps   |
| Magnesium  | 24-2  | 274180  | 277770  | 277956  | 276635  | 0.77   | cps   |
| Manganese  | 55-2  | 373     | 393     | 373     | 380     | 3.04   | cps   |

LB Number : LB88853 Operator : Jaswal  
 Lab Sample ID : I4278-26 Instrumnet Name : P7  
 Client Sample ID : DC3126-26-FL3-CL313-V Dilution Factor : 1  
 Date & Time Acquired :: 2017-07-19 22:03:21 DataFile Name : 151SMPL\_P7071917 -M

| Parameter  | Mass  | CPS1    | CPS2    | CPS3    | CPSMean | CPSRSD | Units |
|------------|-------|---------|---------|---------|---------|--------|-------|
| Molybdenum | 94-1  | 108     | 133     | 133     | 125     | 11.55  | cps   |
| Molybdenum | 95-1  | 8       | 17      | 0       | 8       | 100.02 | cps   |
| Molybdenum | 96-1  | 42      | 25      | 42      | 36      | 26.65  | cps   |
| Molybdenum | 97-1  | 42      | 42      | 50      | 44      | 10.82  | cps   |
| Molybdenum | 98-1  | 25      | 17      | 42      | 28      | 45.82  | cps   |
| Neodymium  | 150-1 | 0       | 7       | 0       | 2       | 173.21 | cps   |
| Neodymium  | 150-2 | 0       | 0       | 0       | 0       | 0.00   | cps   |
| Nickel     | 60-2  | 187     | 187     | 200     | 191     | 4.03   | cps   |
| Phosphorus | 31-2  | 75      | 75      | 33      | 61      | 39.36  | cps   |
| Potassium  | 39-2  | 22151   | 22318   | 22393   | 22287   | 0.55   | cps   |
| Rhodium    | 103-1 | 4893330 | 4799029 | 5049421 | 4913927 | 2.57   | cps   |
| Rhodium    | 103-2 | 2177591 | 2131973 | 2168434 | 2159333 | 1.12   | cps   |
| Scandium   | 45-1  | 2701006 | 2607252 | 2792413 | 2700223 | 3.43   | cps   |
| Scandium   | 45-2  | 113211  | 111579  | 113508  | 112766  | 0.92   | cps   |
| Selenium   | 77-2  | 0       | 0       | 0       | 0       | 0.00   | cps   |
| Selenium   | 78-2  | 46      | 41      | 37      | 41      | 11.27  | cps   |
| Selenium   | 82-1  | 4       | -17     | 127     | 38      | 206.26 | cps   |
| Silicon    | 28-1  | 207903  | 207989  | 209099  | 208330  | 0.32   | cps   |
| Silver     | 109-1 | 158     | 83      | 108     | 117     | 32.73  | cps   |
| Silver     | 107-1 | 142     | 142     | 150     | 144     | 3.33   | cps   |
| Sodium     | 23-2  | 1075984 | 1085657 | 1079658 | 1080433 | 0.45   | cps   |
| Strontium  | 86-1  | 3117    | 3134    | 3067    | 3106    | 1.12   | cps   |
| Strontium  | 88-1  | 19881   | 19931   | 20290   | 20034   | 1.11   | cps   |
| Sulfur     | 34-1  | 249775  | 250073  | 251310  | 250386  | 0.33   | cps   |
| Terbium    | 159-1 | 8253728 | 8053547 | 8522902 | 8276726 | 2.85   | cps   |
| Terbium    | 159-2 | 3592884 | 3518929 | 3580758 | 3564190 | 1.11   | cps   |
| Thallium   | 203-1 | 108     | 42      | 92      | 81      | 43.07  | cps   |
| Thallium   | 205-1 | 192     | 175     | 183     | 183     | 4.55   | cps   |
| Tin        | 118-1 | 325     | 250     | 300     | 292     | 13.09  | cps   |
| Titanium   | 47-1  | 92      | 58      | 25      | 58      | 57.14  | cps   |
| Uranium    | 238-1 | 58      | 25      | 67      | 50      | 44.10  | cps   |
| Vanadium   | 51-2  | 13      | 17      | 13      | 14      | 13.35  | cps   |
| Yttrium    | 89-1  | 5569956 | 5440046 | 5726284 | 5578762 | 2.57   | cps   |
| Yttrium    | 89-2  | 748561  | 732898  | 746305  | 742588  | 1.14   | cps   |
| Zinc       | 66-2  | 230     | 247     | 290     | 256     | 12.12  | cps   |
| Zirconium  | 90-1  | 250     | 292     | 350     | 297     | 16.90  | cps   |

|                         |                       |                   |                     |
|-------------------------|-----------------------|-------------------|---------------------|
| LB Number :             | LB88853               | Operator :        | Jaswal              |
| Lab Sample ID :         | I4278-26              | Instrumnet Name : | P7                  |
| Client Sample ID :      | DC3126-26-FL3-CL313-V | Dilution Factor : | 1                   |
| Date & Time Acquired :: | 2017-07-19 22:03:21   | DataFile Name :   | 151SMPL_P7071917 -M |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|-----------|------|------|------|------|---------|--------|-------|
| Zirconium | 91-1 | 42   | 42   | 25   | 36      | 26.65  | cps   |



LB Number : LB88853 Operator : Jaswal  
 Lab Sample ID : I4278-27 Instrumnet Name : P7  
 Client Sample ID : DC3126-27-FL3-BR313-1 Dilution Factor : 1  
 Date & Time Acquired :: 2017-07-19 22:06:53 DataFile Name : 152SMPL\_P7071917 -M1

| Parameter  | Mass  | CPS1    | CPS2    | CPS3    | CPSMean | CPSRSD | Units |
|------------|-------|---------|---------|---------|---------|--------|-------|
| Aluminium  | 27-2  | 483     | 342     | 425     | 417     | 17.09  | cps   |
| Antimony   | 121-1 | 300     | 350     | 367     | 339     | 10.24  | cps   |
| Arsenic    | 75-2  | 37      | 28      | 44      | 36      | 22.92  | cps   |
| Barium     | 135-1 | 27119   | 26660   | 26768   | 26849   | 0.89   | cps   |
| Barium     | 137-1 | 47808   | 47198   | 45275   | 46760   | 2.83   | cps   |
| Beryllium  | 9-1   | 67      | 28      | 56      | 50      | 40.06  | cps   |
| Bismuth    | 209-1 | 5340818 | 5449118 | 5242257 | 5344064 | 1.94   | cps   |
| Bismuth    | 209-2 | 2923405 | 2893703 | 2913738 | 2910282 | 0.52   | cps   |
| Boron      | 10-1  | 408     | 358     | 483     | 417     | 15.10  | cps   |
| Boron      | 11-1  | 2225    | 2184    | 2192    | 2200    | 1.00   | cps   |
| Cadmium    | 111-1 | 1164    | 1256    | 1058    | 1160    | 8.54   | cps   |
| Cadmium    | 106-1 | 1642    | 1775    | 1517    | 1645    | 7.86   | cps   |
| Cadmium    | 108-1 | 8       | 4       | 17      | 10      | 65.47  | cps   |
| Calcium    | 43-1  | 70201   | 70619   | 70108   | 70309   | 0.39   | cps   |
| Calcium    | 44-1  | 1153130 | 1143049 | 1126877 | 1141019 | 1.16   | cps   |
| Chromium   | 52-2  | 340     | 320     | 270     | 310     | 11.63  | cps   |
| Cobalt     | 59-2  | 57      | 90      | 107     | 84      | 30.15  | cps   |
| Copper     | 63-2  | 389280  | 389036  | 390720  | 389679  | 0.23   | cps   |
| Dysprosium | 156-1 | 17      | 58      | 58      | 44      | 54.12  | cps   |
| Dysprosium | 156-2 | 17      | 7       | 17      | 13      | 43.29  | cps   |
| Erbium     | 164-1 | 67      | 42      | 75      | 61      | 28.38  | cps   |
| Erbium     | 164-2 | 27      | 23      | 27      | 26      | 7.55   | cps   |
| Gadolinium | 160-1 | 158     | 125     | 67      | 117     | 39.77  | cps   |
| Gadolinium | 160-2 | 50      | 77      | 73      | 67      | 21.80  | cps   |
| Holmium    | 165-1 | 8098849 | 8162690 | 7950641 | 8070727 | 1.35   | cps   |
| Holmium    | 165-2 | 3666232 | 3635254 | 3629343 | 3643609 | 0.54   | cps   |
| Indium     | 115-1 | 5611783 | 5665036 | 5578357 | 5618392 | 0.78   | cps   |
| Indium     | 115-2 | 1033214 | 1029005 | 1026580 | 1029600 | 0.33   | cps   |
| Iron       | 56-2  | 27628   | 26524   | 27198   | 27117   | 2.05   | cps   |
| Iron       | 57-2  | 856     | 872     | 1089    | 939     | 13.86  | cps   |
| Lead       | 206-1 | 2034    | 2111    | 2117    | 2087    | 2.23   | cps   |
| Lead       | 207-1 | 1767    | 1939    | 1700    | 1802    | 6.84   | cps   |
| Lead       | 208-1 | 8151    | 8185    | 8162    | 8166    | 0.21   | cps   |
| Lithium    | 6-1   | 780376  | 776552  | 767271  | 774733  | 0.87   | cps   |
| Magnesium  | 24-2  | 100410  | 97441   | 99488   | 99113   | 1.53   | cps   |
| Manganese  | 55-2  | 7345    | 7489    | 7529    | 7454    | 1.29   | cps   |

LB Number : LB88853 Operator : Jaswal  
 Lab Sample ID : I4278-27 Instrumnet Name : P7  
 Client Sample ID : DC3126-27-FL3-BR313-1 Dilution Factor : 1  
 Date & Time Acquired :: 2017-07-19 22:06:53 DataFile Name : 152SMPL\_P7071917 -M1

| Parameter  | Mass  | CPS1    | CPS2    | CPS3    | CPSMean | CPSRSD  | Units |
|------------|-------|---------|---------|---------|---------|---------|-------|
| Molybdenum | 94-1  | 392     | 400     | 333     | 375     | 9.69    | cps   |
| Molybdenum | 95-1  | 125     | 92      | 92      | 103     | 18.73   | cps   |
| Molybdenum | 96-1  | 175     | 200     | 125     | 167     | 22.91   | cps   |
| Molybdenum | 97-1  | 117     | 125     | 125     | 122     | 3.94    | cps   |
| Molybdenum | 98-1  | 225     | 192     | 208     | 208     | 8.00    | cps   |
| Neodymium  | 150-1 | 47      | 27      | 0       | 24      | 95.78   | cps   |
| Neodymium  | 150-2 | 7       | 23      | 7       | 12      | 78.69   | cps   |
| Nickel     | 60-2  | 497     | 613     | 610     | 573     | 11.58   | cps   |
| Phosphorus | 31-2  | 1175    | 1217    | 1217    | 1203    | 2.00    | cps   |
| Potassium  | 39-2  | 65596   | 66073   | 66985   | 66218   | 1.07    | cps   |
| Rhodium    | 103-1 | 4869882 | 4894308 | 4823270 | 4862487 | 0.74    | cps   |
| Rhodium    | 103-2 | 2178884 | 2164467 | 2165075 | 2169475 | 0.38    | cps   |
| Scandium   | 45-1  | 2648222 | 2691993 | 2617908 | 2652708 | 1.40    | cps   |
| Scandium   | 45-2  | 111693  | 112315  | 113262  | 112424  | 0.70    | cps   |
| Selenium   | 77-2  | 0       | 0       | 0       | 0       | 0.00    | cps   |
| Selenium   | 78-2  | 28      | 61      | 57      | 49      | 37.46   | cps   |
| Selenium   | 82-1  | -23     | 41      | -9      | 3       | 1095.64 | cps   |
| Silicon    | 28-1  | 2649705 | 2610570 | 2600970 | 2620415 | 0.99    | cps   |
| Silver     | 109-1 | 150     | 242     | 292     | 228     | 31.54   | cps   |
| Silver     | 107-1 | 192     | 308     | 250     | 250     | 23.33   | cps   |
| Sodium     | 23-2  | 1680215 | 1670313 | 1668425 | 1672984 | 0.38    | cps   |
| Strontium  | 86-1  | 32730   | 33264   | 32471   | 32822   | 1.23    | cps   |
| Strontium  | 88-1  | 289098  | 283874  | 280833  | 284602  | 1.47    | cps   |
| Sulfur     | 34-1  | 206352  | 204331  | 208084  | 206256  | 0.91    | cps   |
| Terbium    | 159-1 | 8175642 | 8250032 | 8174798 | 8200157 | 0.53    | cps   |
| Terbium    | 159-2 | 3597534 | 3566315 | 3585003 | 3582951 | 0.44    | cps   |
| Thallium   | 203-1 | 158     | 83      | 83      | 108     | 39.97   | cps   |
| Thallium   | 205-1 | 208     | 358     | 200     | 256     | 34.87   | cps   |
| Tin        | 118-1 | 433     | 558     | 600     | 531     | 16.35   | cps   |
| Titanium   | 47-1  | 292     | 300     | 267     | 286     | 6.06    | cps   |
| Uranium    | 238-1 | 192     | 167     | 283     | 214     | 28.72   | cps   |
| Vanadium   | 51-2  | 80      | 90      | 67      | 79      | 14.84   | cps   |
| Yttrium    | 89-1  | 5522763 | 5579096 | 5424160 | 5508673 | 1.42    | cps   |
| Yttrium    | 89-2  | 750941  | 742370  | 737880  | 743730  | 0.89    | cps   |
| Zinc       | 66-2  | 26955   | 27533   | 27443   | 27310   | 1.14    | cps   |
| Zirconium  | 90-1  | 692     | 717     | 692     | 700     | 2.06    | cps   |

|                         |                       |                   |                     |
|-------------------------|-----------------------|-------------------|---------------------|
| LB Number :             | LB88853               | Operator :        | Jaswal              |
| Lab Sample ID :         | I4278-27              | Instrumnet Name : | P7                  |
| Client Sample ID :      | DC3126-27-FL3-BR313-\ | Dilution Factor : | 1                   |
| Date & Time Acquired :: | 2017-07-19 22:06:53   | DataFile Name :   | 152SMPL_P7071917 -M |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|-----------|------|------|------|------|---------|--------|-------|
| Zirconium | 91-1 | 200  | 167  | 150  | 172     | 14.78  | cps   |

LB Number : LB88853 Operator : Jaswal  
 Lab Sample ID : I4278-28 Instrumnet Name : P7  
 Client Sample ID : DC3126-28-FL3-BR313-1 Dilution Factor : 1  
 Date & Time Acquired :: 2017-07-19 22:10:24 DataFile Name : 153SMPL\_P7071917 -M1

| Parameter  | Mass  | CPS1    | CPS2    | CPS3    | CPSMean | CPSRSD | Units |
|------------|-------|---------|---------|---------|---------|--------|-------|
| Aluminium  | 27-2  | 467     | 350     | 583     | 467     | 25.00  | cps   |
| Antimony   | 121-1 | 317     | 283     | 358     | 319     | 11.76  | cps   |
| Arsenic    | 75-2  | 39      | 41      | 41      | 40      | 2.66   | cps   |
| Barium     | 135-1 | 25758   | 27319   | 25491   | 26189   | 3.77   | cps   |
| Barium     | 137-1 | 47490   | 46362   | 46596   | 46816   | 1.27   | cps   |
| Beryllium  | 9-1   | 50      | 56      | 83      | 63      | 28.37  | cps   |
| Bismuth    | 209-1 | 5409605 | 5445382 | 5284572 | 5379853 | 1.57   | cps   |
| Bismuth    | 209-2 | 2975905 | 2852564 | 2782699 | 2870389 | 3.41   | cps   |
| Boron      | 10-1  | 500     | 600     | 417     | 506     | 18.16  | cps   |
| Boron      | 11-1  | 2159    | 2242    | 2150    | 2184    | 2.32   | cps   |
| Cadmium    | 111-1 | 1178    | 1229    | 1259    | 1222    | 3.36   | cps   |
| Cadmium    | 106-1 | 1684    | 1750    | 1784    | 1739    | 2.93   | cps   |
| Cadmium    | 108-1 | 13      | 0       | 8       | 7       | 91.66  | cps   |
| Calcium    | 43-1  | 72018   | 70511   | 68995   | 70508   | 2.14   | cps   |
| Calcium    | 44-1  | 1146146 | 1129261 | 1132577 | 1135995 | 0.79   | cps   |
| Chromium   | 52-2  | 383     | 277     | 343     | 334     | 16.11  | cps   |
| Cobalt     | 59-2  | 67      | 67      | 67      | 67      | 0.00   | cps   |
| Copper     | 63-2  | 298068  | 294680  | 298260  | 297003  | 0.68   | cps   |
| Dysprosium | 156-1 | 67      | 50      | 50      | 56      | 17.32  | cps   |
| Dysprosium | 156-2 | 17      | 20      | 20      | 19      | 10.18  | cps   |
| Erbium     | 164-1 | 75      | 50      | 67      | 64      | 19.92  | cps   |
| Erbium     | 164-2 | 13      | 30      | 17      | 20      | 44.10  | cps   |
| Gadolinium | 160-1 | 50      | 58      | 92      | 67      | 33.07  | cps   |
| Gadolinium | 160-2 | 60      | 97      | 60      | 72      | 29.31  | cps   |
| Holmium    | 165-1 | 8155547 | 8048433 | 7937016 | 8046999 | 1.36   | cps   |
| Holmium    | 165-2 | 3705998 | 3625862 | 3611662 | 3647840 | 1.39   | cps   |
| Indium     | 115-1 | 5751330 | 5676099 | 5561651 | 5663027 | 1.69   | cps   |
| Indium     | 115-2 | 1041244 | 1019390 | 1012711 | 1024448 | 1.46   | cps   |
| Iron       | 56-2  | 27232   | 27121   | 32095   | 28816   | 9.86   | cps   |
| Iron       | 57-2  | 956     | 1061    | 989     | 1002    | 5.38   | cps   |
| Lead       | 206-1 | 1745    | 1811    | 1839    | 1798    | 2.70   | cps   |
| Lead       | 207-1 | 1639    | 1684    | 1411    | 1578    | 9.26   | cps   |
| Lead       | 208-1 | 7362    | 7345    | 7079    | 7262    | 2.19   | cps   |
| Lithium    | 6-1   | 785265  | 775037  | 765299  | 775200  | 1.29   | cps   |
| Magnesium  | 24-2  | 100125  | 100259  | 100821  | 100402  | 0.37   | cps   |
| Manganese  | 55-2  | 7529    | 7229    | 7512    | 7423    | 2.27   | cps   |

LB Number : LB88853 Operator : Jaswal  
 Lab Sample ID : I4278-28 Instrumnet Name : P7  
 Client Sample ID : DC3126-28-FL3-BR313-1 Dilution Factor : 1  
 Date & Time Acquired :: 2017-07-19 22:10:24 DataFile Name : 153SMPL\_P7071917 -M

| Parameter  | Mass  | CPS1    | CPS2    | CPS3    | CPSMean | CPSRSD | Units |
|------------|-------|---------|---------|---------|---------|--------|-------|
| Molybdenum | 94-1  | 308     | 275     | 242     | 275     | 12.12  | cps   |
| Molybdenum | 95-1  | 142     | 158     | 100     | 133     | 22.53  | cps   |
| Molybdenum | 96-1  | 167     | 133     | 192     | 164     | 17.86  | cps   |
| Molybdenum | 97-1  | 117     | 108     | 67      | 97      | 27.55  | cps   |
| Molybdenum | 98-1  | 175     | 150     | 225     | 183     | 20.83  | cps   |
| Neodymium  | 150-1 | 20      | 33      | 33      | 29      | 26.65  | cps   |
| Neodymium  | 150-2 | 17      | 13      | 13      | 14      | 13.35  | cps   |
| Nickel     | 60-2  | 347     | 270     | 277     | 298     | 14.26  | cps   |
| Phosphorus | 31-2  | 1300    | 1442    | 1308    | 1350    | 5.89   | cps   |
| Potassium  | 39-2  | 65663   | 65252   | 65369   | 65428   | 0.32   | cps   |
| Rhodium    | 103-1 | 4941122 | 4884772 | 4808204 | 4878033 | 1.37   | cps   |
| Rhodium    | 103-2 | 2196305 | 2145445 | 2122605 | 2154785 | 1.75   | cps   |
| Scandium   | 45-1  | 2677473 | 2722441 | 2595502 | 2665139 | 2.41   | cps   |
| Scandium   | 45-2  | 115207  | 110485  | 111245  | 112312  | 2.26   | cps   |
| Selenium   | 77-2  | 0       | 0       | 0       | 0       | 0.00   | cps   |
| Selenium   | 78-2  | 46      | 41      | 50      | 46      | 10.20  | cps   |
| Selenium   | 82-1  | 61      | 14      | -40     | 12      | 424.41 | cps   |
| Silicon    | 28-1  | 2603754 | 2598422 | 2587360 | 2596512 | 0.32   | cps   |
| Silver     | 109-1 | 208     | 258     | 208     | 225     | 12.83  | cps   |
| Silver     | 107-1 | 200     | 233     | 233     | 222     | 8.66   | cps   |
| Sodium     | 23-2  | 1680437 | 1678942 | 1683808 | 1681062 | 0.15   | cps   |
| Strontium  | 86-1  | 33348   | 33147   | 32245   | 32914   | 1.78   | cps   |
| Strontium  | 88-1  | 283874  | 284221  | 280965  | 283020  | 0.63   | cps   |
| Sulfur     | 34-1  | 206920  | 209282  | 207966  | 208056  | 0.57   | cps   |
| Terbium    | 159-1 | 8375402 | 8290385 | 8174732 | 8280173 | 1.22   | cps   |
| Terbium    | 159-2 | 3640384 | 3534709 | 3525375 | 3566823 | 1.79   | cps   |
| Thallium   | 203-1 | 42      | 100     | 58      | 67      | 45.06  | cps   |
| Thallium   | 205-1 | 242     | 283     | 267     | 264     | 7.95   | cps   |
| Tin        | 118-1 | 942     | 783     | 867     | 864     | 9.17   | cps   |
| Titanium   | 47-1  | 317     | 283     | 283     | 294     | 6.53   | cps   |
| Uranium    | 238-1 | 400     | 242     | 275     | 306     | 27.32  | cps   |
| Vanadium   | 51-2  | 73      | 100     | 73      | 82      | 18.72  | cps   |
| Yttrium    | 89-1  | 5563559 | 5486821 | 5429073 | 5493151 | 1.23   | cps   |
| Yttrium    | 89-2  | 754789  | 737274  | 727901  | 739988  | 1.84   | cps   |
| Zinc       | 66-2  | 4544    | 4768    | 4684    | 4665    | 2.42   | cps   |
| Zirconium  | 90-1  | 650     | 742     | 675     | 689     | 6.88   | cps   |

|                         |                       |                   |                     |
|-------------------------|-----------------------|-------------------|---------------------|
| LB Number :             | LB88853               | Operator :        | Jaswal              |
| Lab Sample ID :         | I4278-28              | Instrumnet Name : | P7                  |
| Client Sample ID :      | DC3126-28-FL3-BR313-\ | Dilution Factor : | 1                   |
| Date & Time Acquired :: | 2017-07-19 22:10:24   | DataFile Name :   | 153SMPL_P7071917 -M |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|-----------|------|------|------|------|---------|--------|-------|
| Zirconium | 91-1 | 92   | 208  | 158  | 153     | 38.31  | cps   |

LB Number : LB88853 Operator : Jaswal  
 Lab Sample ID : CCV42 Instrumnet Name : P7  
 Client Sample ID : CCV42 Dilution Factor : 1  
 Date & Time Acquired :: 2017-07-19 22:13:56 DataFile Name : 154CCV\_P7071917 -MS.

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|------------|-------|----------|----------|----------|----------|--------|-------|
| Aluminium  | 27-2  | 17       | 25       | 8        | 17       | 50.01  | cps   |
| Antimony   | 121-1 | 83       | 75       | 33       | 64       | 41.93  | cps   |
| Arsenic    | 75-2  | 4        | 6        | 6        | 5        | 21.74  | cps   |
| Barium     | 135-1 | 25       | 17       | 58       | 33       | 66.14  | cps   |
| Barium     | 137-1 | 67       | 83       | 125      | 92       | 32.78  | cps   |
| Beryllium  | 9-1   | 44       | 72       | 39       | 52       | 34.44  | cps   |
| Bismuth    | 209-1 | 4912912  | 4809046  | 4752111  | 4824690  | 1.69   | cps   |
| Bismuth    | 209-2 | 2660853  | 2697080  | 2739290  | 2699074  | 1.45   | cps   |
| Boron      | 10-1  | 208      | 183      | 217      | 203      | 8.56   | cps   |
| Boron      | 11-1  | 1092     | 1242     | 1008     | 1114     | 10.62  | cps   |
| Cadmium    | 111-1 | 1274     | 1124     | 1059     | 1152     | 9.58   | cps   |
| Cadmium    | 106-1 | 1817     | 1600     | 1517     | 1645     | 9.42   | cps   |
| Cadmium    | 108-1 | 8        | 0        | 4        | 4        | 99.96  | cps   |
| Calcium    | 43-1  | 300      | 250      | 217      | 256      | 16.41  | cps   |
| Calcium    | 44-1  | 4359     | 4501     | 4426     | 4429     | 1.60   | cps   |
| Chromium   | 52-2  | 253      | 273      | 293      | 273      | 7.32   | cps   |
| Cobalt     | 59-2  | 50       | 80       | 70       | 67       | 22.91  | cps   |
| Copper     | 63-2  | 823      | 847      | 877      | 849      | 3.15   | cps   |
| Dysprosium | 156-1 | 17       | 8        | 0        | 8        | 100.02 | cps   |
| Dysprosium | 156-2 | 0        | 10       | 3        | 4        | 114.60 | cps   |
| Erbium     | 164-1 | 0        | 42       | 17       | 19       | 107.85 | cps   |
| Erbium     | 164-2 | 10       | 0        | 3        | 4        | 114.60 | cps   |
| Gadolinium | 160-1 | 33       | 42       | 17       | 31       | 41.66  | cps   |
| Gadolinium | 160-2 | 37       | 33       | 53       | 41       | 26.06  | cps   |
| Holmium    | 165-1 | 7315184  | 7190122  | 7174489  | 7226599  | 1.07   | cps   |
| Holmium    | 165-2 | 3349465  | 3395646  | 3415506  | 3386872  | 1.00   | cps   |
| Indium     | 115-1 | 5142577  | 5042272  | 4998604  | 5061151  | 1.46   | cps   |
| Indium     | 115-2 | 940519   | 956686   | 970900   | 956035   | 1.59   | cps   |
| Iron       | 56-2  | 2906     | 3167     | 3389     | 3154     | 7.67   | cps   |
| Iron       | 57-2  | 178      | 128      | 211      | 172      | 24.36  | cps   |
| Lead       | 206-1 | 2456243  | 2442720  | 2457385  | 2452116  | 0.33   | cps   |
| Lead       | 207-1 | 2256965  | 2245996  | 2246542  | 2249834  | 0.27   | cps   |
| Lead       | 208-1 | 10128534 | 10099141 | 10126824 | 10118166 | 0.16   | cps   |
| Lithium    | 6-1   | 707810   | 703440   | 698855   | 703368   | 0.64   | cps   |
| Magnesium  | 24-2  | 800      | 1167     | 867      | 945      | 20.68  | cps   |
| Manganese  | 55-2  | 367      | 360      | 420      | 382      | 8.60   | cps   |

|                         |                     |                   |                      |
|-------------------------|---------------------|-------------------|----------------------|
| LB Number :             | LB88853             | Operator :        | Jaswal               |
| Lab Sample ID :         | CCV42               | Instrumnet Name : | P7                   |
| Client Sample ID :      | CCV42               | Dilution Factor : | 1                    |
| Date & Time Acquired :: | 2017-07-19 22:13:56 | DataFile Name :   | 154CCV_P7071917 -MS. |

| Parameter  | Mass  | CPS1    | CPS2    | CPS3    | CPSMean | CPSRSD | Units |
|------------|-------|---------|---------|---------|---------|--------|-------|
| Molybdenum | 94-1  | 125     | 100     | 117     | 114     | 11.18  | cps   |
| Molybdenum | 95-1  | 25      | 50      | 25      | 33      | 43.30  | cps   |
| Molybdenum | 96-1  | 92      | 92      | 58      | 81      | 23.89  | cps   |
| Molybdenum | 97-1  | 25      | 42      | 58      | 42      | 40.00  | cps   |
| Molybdenum | 98-1  | 17      | 33      | 50      | 33      | 50.00  | cps   |
| Neodymium  | 150-1 | 7       | 0       | 0       | 2       | 173.21 | cps   |
| Neodymium  | 150-2 | 3       | 0       | 0       | 1       | 173.21 | cps   |
| Nickel     | 60-2  | 113     | 127     | 157     | 132     | 16.78  | cps   |
| Phosphorus | 31-2  | 75      | 117     | 92      | 94      | 22.21  | cps   |
| Potassium  | 39-2  | 19822   | 19538   | 19722   | 19694   | 0.73   | cps   |
| Rhodium    | 103-1 | 4467998 | 4377217 | 4328697 | 4391304 | 1.61   | cps   |
| Rhodium    | 103-2 | 1992169 | 2014846 | 2050503 | 2019173 | 1.46   | cps   |
| Scandium   | 45-1  | 2440306 | 2346860 | 2329916 | 2372361 | 2.51   | cps   |
| Scandium   | 45-2  | 104781  | 106308  | 107621  | 106236  | 1.34   | cps   |
| Selenium   | 77-2  | 0       | 0       | 0       | 0       | 0.00   | cps   |
| Selenium   | 78-2  | 37      | 52      | 41      | 43      | 17.84  | cps   |
| Selenium   | 82-1  | -15     | -51     | -14     | -26     | -79.69 | cps   |
| Silicon    | 28-1  | 201009  | 197301  | 201974  | 200095  | 1.23   | cps   |
| Silver     | 109-1 | 117     | 92      | 158     | 122     | 27.56  | cps   |
| Silver     | 107-1 | 133     | 158     | 142     | 144     | 8.81   | cps   |
| Sodium     | 23-2  | 18103   | 18328   | 16852   | 17761   | 4.48   | cps   |
| Strontium  | 86-1  | 542     | 567     | 692     | 600     | 13.39  | cps   |
| Strontium  | 88-1  | 183     | 192     | 192     | 189     | 2.55   | cps   |
| Sulfur     | 34-1  | 182361  | 179477  | 181249  | 181029  | 0.80   | cps   |
| Terbium    | 159-1 | 7428468 | 7403933 | 7368314 | 7400238 | 0.41   | cps   |
| Terbium    | 159-2 | 3291947 | 3317541 | 3361614 | 3323701 | 1.06   | cps   |
| Thallium   | 203-1 | 108     | 125     | 108     | 114     | 8.45   | cps   |
| Thallium   | 205-1 | 183     | 225     | 242     | 217     | 13.87  | cps   |
| Tin        | 118-1 | 258     | 292     | 400     | 317     | 23.39  | cps   |
| Titanium   | 47-1  | 83      | 75      | 50      | 69      | 24.98  | cps   |
| Uranium    | 238-1 | 42      | 33      | 8       | 28      | 62.46  | cps   |
| Vanadium   | 51-2  | 20      | 20      | 17      | 19      | 10.18  | cps   |
| Yttrium    | 89-1  | 5011100 | 4928034 | 4866472 | 4935202 | 1.47   | cps   |
| Yttrium    | 89-2  | 689993  | 689093  | 700944  | 693343  | 0.95   | cps   |
| Zinc       | 66-2  | 207     | 290     | 190     | 229     | 23.41  | cps   |
| Zirconium  | 90-1  | 267     | 275     | 300     | 281     | 6.18   | cps   |



|                         |                     |                   |                      |
|-------------------------|---------------------|-------------------|----------------------|
| LB Number :             | LB88853             | Operator :        | Jaswal               |
| Lab Sample ID :         | CCV42               | Instrumnet Name : | P7                   |
| Client Sample ID :      | CCV42               | Dilution Factor : | 1                    |
| Date & Time Acquired :: | 2017-07-19 22:13:56 | DataFile Name :   | 154CCV_P7071917 -MS. |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|-----------|------|------|------|------|---------|--------|-------|
| Zirconium | 91-1 | 58   | 75   | 25   | 53      | 48.24  | cps   |

LB Number : LB88853 Operator : Jaswal  
 Lab Sample ID : CCB42 Instrumnet Name : P7  
 Client Sample ID : CCB42 Dilution Factor : 1  
 Date & Time Acquired :: 2017-07-19 22:17:28 DataFile Name : 155CCBE\_P7071917 -M:

| Parameter  | Mass  | CPS1    | CPS2    | CPS3    | CPSMean | CPSRSD | Units |
|------------|-------|---------|---------|---------|---------|--------|-------|
| Aluminium  | 27-2  | 33      | 0       | 25      | 19      | 89.21  | cps   |
| Antimony   | 121-1 | 42      | 58      | 33      | 44      | 28.65  | cps   |
| Arsenic    | 75-2  | 2       | 11      | 2       | 5       | 108.30 | cps   |
| Barium     | 135-1 | 25      | 58      | 25      | 36      | 53.30  | cps   |
| Barium     | 137-1 | 58      | 67      | 67      | 64      | 7.53   | cps   |
| Beryllium  | 9-1   | 50      | 72      | 67      | 63      | 18.37  | cps   |
| Bismuth    | 209-1 | 4795762 | 4833987 | 4819584 | 4816444 | 0.40   | cps   |
| Bismuth    | 209-2 | 2649701 | 2652207 | 2691094 | 2664334 | 0.87   | cps   |
| Boron      | 10-1  | 192     | 175     | 217     | 194     | 10.79  | cps   |
| Boron      | 11-1  | 767     | 850     | 958     | 858     | 11.20  | cps   |
| Cadmium    | 111-1 | 1036    | 1162    | 1033    | 1077    | 6.87   | cps   |
| Cadmium    | 106-1 | 1483    | 1659    | 1475    | 1539    | 6.73   | cps   |
| Cadmium    | 108-1 | 4       | 4       | 0       | 3       | 86.60  | cps   |
| Calcium    | 43-1  | 142     | 142     | 133     | 139     | 3.46   | cps   |
| Calcium    | 44-1  | 3025    | 3067    | 3326    | 3139    | 5.18   | cps   |
| Chromium   | 52-2  | 320     | 357     | 310     | 329     | 7.47   | cps   |
| Cobalt     | 59-2  | 30      | 27      | 40      | 32      | 21.53  | cps   |
| Copper     | 63-2  | 817     | 783     | 763     | 788     | 3.42   | cps   |
| Dysprosium | 156-1 | 17      | 8       | 8       | 11      | 43.34  | cps   |
| Dysprosium | 156-2 | 0       | 0       | 3       | 1       | 173.21 | cps   |
| Erbium     | 164-1 | 8       | 17      | 8       | 11      | 43.34  | cps   |
| Erbium     | 164-2 | 3       | 0       | 7       | 3       | 100.05 | cps   |
| Gadolinium | 160-1 | 50      | 0       | 33      | 28      | 91.65  | cps   |
| Gadolinium | 160-2 | 30      | 57      | 47      | 44      | 30.31  | cps   |
| Holmium    | 165-1 | 7198549 | 7360074 | 7278309 | 7278977 | 1.11   | cps   |
| Holmium    | 165-2 | 3323684 | 3327643 | 3367362 | 3339563 | 0.72   | cps   |
| Indium     | 115-1 | 5046608 | 5083790 | 5064256 | 5064885 | 0.37   | cps   |
| Indium     | 115-2 | 948467  | 937631  | 955221  | 947106  | 0.94   | cps   |
| Iron       | 56-2  | 2828    | 3200    | 2967    | 2999    | 6.27   | cps   |
| Iron       | 57-2  | 167     | 156     | 189     | 170     | 9.96   | cps   |
| Lead       | 206-1 | 983     | 906     | 1028    | 972     | 6.36   | cps   |
| Lead       | 207-1 | 850     | 889     | 761     | 833     | 7.86   | cps   |
| Lead       | 208-1 | 4034    | 3967    | 3995    | 3999    | 0.84   | cps   |
| Lithium    | 6-1   | 700354  | 703086  | 709378  | 704273  | 0.66   | cps   |
| Magnesium  | 24-2  | 833     | 875     | 950     | 886     | 6.67   | cps   |
| Manganese  | 55-2  | 293     | 333     | 343     | 323     | 8.18   | cps   |

|                         |                     |                   |                     |
|-------------------------|---------------------|-------------------|---------------------|
| LB Number :             | LB88853             | Operator :        | Jaswal              |
| Lab Sample ID :         | CCB42               | Instrumnet Name : | P7                  |
| Client Sample ID :      | CCB42               | Dilution Factor : | 1                   |
| Date & Time Acquired :: | 2017-07-19 22:17:28 | DataFile Name :   | 155CCBE_P7071917 -M |

| Parameter  | Mass  | CPS1    | CPS2    | CPS3    | CPSMean | CPSRSD | Units |
|------------|-------|---------|---------|---------|---------|--------|-------|
| Molybdenum | 94-1  | 117     | 158     | 117     | 131     | 18.43  | cps   |
| Molybdenum | 95-1  | 17      | 8       | 0       | 8       | 100.02 | cps   |
| Molybdenum | 96-1  | 33      | 100     | 33      | 56      | 69.29  | cps   |
| Molybdenum | 97-1  | 33      | 17      | 42      | 31      | 41.65  | cps   |
| Molybdenum | 98-1  | 33      | 8       | 25      | 22      | 57.30  | cps   |
| Neodymium  | 150-1 | 0       | 0       | 0       | 0       | 0.00   | cps   |
| Neodymium  | 150-2 | 0       | 0       | 7       | 2       | 173.21 | cps   |
| Nickel     | 60-2  | 150     | 130     | 167     | 149     | 12.33  | cps   |
| Phosphorus | 31-2  | 58      | 50      | 108     | 72      | 43.68  | cps   |
| Potassium  | 39-2  | 19430   | 19072   | 20699   | 19733   | 4.33   | cps   |
| Rhodium    | 103-1 | 4376703 | 4400725 | 4377034 | 4384821 | 0.31   | cps   |
| Rhodium    | 103-2 | 1991826 | 1983180 | 2009466 | 1994824 | 0.67   | cps   |
| Scandium   | 45-1  | 2382005 | 2389451 | 2400455 | 2390637 | 0.39   | cps   |
| Scandium   | 45-2  | 104783  | 102021  | 105100  | 103968  | 1.63   | cps   |
| Selenium   | 77-2  | 0       | 0       | 0       | 0       | 0.00   | cps   |
| Selenium   | 78-2  | 52      | 44      | 31      | 43      | 24.21  | cps   |
| Selenium   | 82-1  | 79      | 10      | 10      | 33      | 121.66 | cps   |
| Silicon    | 28-1  | 200164  | 197017  | 197788  | 198323  | 0.83   | cps   |
| Silver     | 109-1 | 67      | 117     | 175     | 119     | 45.39  | cps   |
| Silver     | 107-1 | 150     | 133     | 158     | 147     | 8.65   | cps   |
| Sodium     | 23-2  | 17144   | 17294   | 16627   | 17021   | 2.06   | cps   |
| Strontium  | 86-1  | 550     | 650     | 567     | 589     | 9.10   | cps   |
| Strontium  | 88-1  | 175     | 83      | 217     | 158     | 43.08  | cps   |
| Sulfur     | 34-1  | 180934  | 180084  | 179950  | 180323  | 0.30   | cps   |
| Terbium    | 159-1 | 7392951 | 7444537 | 7379093 | 7405527 | 0.47   | cps   |
| Terbium    | 159-2 | 3285430 | 3257049 | 3291422 | 3277967 | 0.56   | cps   |
| Thallium   | 203-1 | 92      | 150     | 33      | 92      | 63.64  | cps   |
| Thallium   | 205-1 | 375     | 317     | 258     | 317     | 18.42  | cps   |
| Tin        | 118-1 | 608     | 575     | 600     | 594     | 2.92   | cps   |
| Titanium   | 47-1  | 58      | 67      | 58      | 61      | 7.87   | cps   |
| Uranium    | 238-1 | 50      | 17      | 50      | 39      | 49.48  | cps   |
| Vanadium   | 51-2  | 3       | 17      | 13      | 11      | 62.48  | cps   |
| Yttrium    | 89-1  | 4911568 | 4953555 | 4919973 | 4928365 | 0.45   | cps   |
| Yttrium    | 89-2  | 680713  | 677221  | 690257  | 682730  | 0.99   | cps   |
| Zinc       | 66-2  | 183     | 130     | 103     | 139     | 29.33  | cps   |
| Zirconium  | 90-1  | 358     | 233     | 325     | 306     | 21.18  | cps   |

|                         |                     |                   |                      |
|-------------------------|---------------------|-------------------|----------------------|
| LB Number :             | LB88853             | Operator :        | Jaswal               |
| Lab Sample ID :         | CCB42               | Instrumnet Name : | P7                   |
| Client Sample ID :      | CCB42               | Dilution Factor : | 1                    |
| Date & Time Acquired :: | 2017-07-19 22:17:28 | DataFile Name :   | 155CCBE_P7071917 -M: |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|-----------|------|------|------|------|---------|--------|-------|
| Zirconium | 91-1 | 42   | 58   | 33   | 44      | 28.65  | cps   |

|                         |                     |                   |                     |
|-------------------------|---------------------|-------------------|---------------------|
| LB Number :             | LB88853             | Operator :        | Jaswal              |
| Lab Sample ID :         | I4278-29            | Instrumnet Name : | P7                  |
| Client Sample ID :      | DC3126-29-FL3-BRW-W | Dilution Factor : | 1                   |
| Date & Time Acquired :: | 2017-07-19 22:21:00 | DataFile Name :   | 156SMPL_P7071917 -M |

| Parameter  | Mass  | CPS1    | CPS2    | CPS3    | CPSMean | CPSRSD | Units |
|------------|-------|---------|---------|---------|---------|--------|-------|
| Aluminium  | 27-2  | 833     | 892     | 658     | 795     | 15.29  | cps   |
| Antimony   | 121-1 | 550     | 725     | 583     | 619     | 15.00  | cps   |
| Arsenic    | 75-2  | 50      | 48      | 50      | 49      | 2.16   | cps   |
| Barium     | 135-1 | 27211   | 26952   | 26493   | 26885   | 1.35   | cps   |
| Barium     | 137-1 | 47842   | 46320   | 46337   | 46833   | 1.87   | cps   |
| Beryllium  | 9-1   | 39      | 72      | 72      | 61      | 31.49  | cps   |
| Bismuth    | 209-1 | 5505586 | 5515767 | 5519437 | 5513597 | 0.13   | cps   |
| Bismuth    | 209-2 | 3027837 | 2948231 | 2956778 | 2977615 | 1.47   | cps   |
| Boron      | 10-1  | 575     | 433     | 575     | 528     | 15.50  | cps   |
| Boron      | 11-1  | 2375    | 2884    | 2867    | 2709    | 10.66  | cps   |
| Cadmium    | 111-1 | 1661    | 1593    | 1645    | 1633    | 2.15   | cps   |
| Cadmium    | 106-1 | 1759    | 1817    | 1900    | 1825    | 3.90   | cps   |
| Cadmium    | 108-1 | 29      | 17      | 63      | 36      | 65.60  | cps   |
| Calcium    | 43-1  | 71598   | 71414   | 72102   | 71705   | 0.50   | cps   |
| Calcium    | 44-1  | 1176869 | 1159240 | 1152583 | 1162897 | 1.08   | cps   |
| Chromium   | 52-2  | 333     | 307     | 317     | 319     | 4.22   | cps   |
| Cobalt     | 59-2  | 510     | 463     | 490     | 488     | 4.80   | cps   |
| Copper     | 63-2  | 922908  | 921936  | 914446  | 919763  | 0.50   | cps   |
| Dysprosium | 156-1 | 58      | 67      | 58      | 61      | 7.87   | cps   |
| Dysprosium | 156-2 | 13      | 27      | 10      | 17      | 52.93  | cps   |
| Erbium     | 164-1 | 67      | 42      | 33      | 47      | 36.74  | cps   |
| Erbium     | 164-2 | 27      | 40      | 20      | 29      | 35.25  | cps   |
| Gadolinium | 160-1 | 92      | 92      | 108     | 97      | 9.90   | cps   |
| Gadolinium | 160-2 | 107     | 100     | 90      | 99      | 8.48   | cps   |
| Holmium    | 165-1 | 8362425 | 8286496 | 8189877 | 8279599 | 1.04   | cps   |
| Holmium    | 165-2 | 3769623 | 3712287 | 3738060 | 3739990 | 0.77   | cps   |
| Indium     | 115-1 | 5804668 | 5806617 | 5782777 | 5798021 | 0.23   | cps   |
| Indium     | 115-2 | 1070201 | 1042952 | 1051791 | 1054981 | 1.32   | cps   |
| Iron       | 56-2  | 92482   | 90042   | 92117   | 91547   | 1.44   | cps   |
| Iron       | 57-2  | 2378    | 2339    | 2561    | 2426    | 4.89   | cps   |
| Lead       | 206-1 | 8014    | 7986    | 7830    | 7943    | 1.24   | cps   |
| Lead       | 207-1 | 7097    | 7480    | 6807    | 7128    | 4.73   | cps   |
| Lead       | 208-1 | 32083   | 31537   | 31054   | 31558   | 1.63   | cps   |
| Lithium    | 6-1   | 805107  | 801155  | 792193  | 799485  | 0.83   | cps   |
| Magnesium  | 24-2  | 109472  | 111697  | 110413  | 110527  | 1.01   | cps   |
| Manganese  | 55-2  | 8779    | 9246    | 8643    | 8889    | 3.56   | cps   |

LB Number : LB88853 Operator : Jaswal  
 Lab Sample ID : I4278-29 Instrumnet Name : P7  
 Client Sample ID : DC3126-29-FL3-BRW-W Dilution Factor : 1  
 Date & Time Acquired :: 2017-07-19 22:21:00 DataFile Name : 156SMPL\_P7071917 -M

| Parameter  | Mass  | CPS1    | CPS2    | CPS3    | CPSMean | CPSRSD  | Units |
|------------|-------|---------|---------|---------|---------|---------|-------|
| Molybdenum | 94-1  | 300     | 300     | 283     | 294     | 3.27    | cps   |
| Molybdenum | 95-1  | 83      | 92      | 125     | 100     | 22.05   | cps   |
| Molybdenum | 96-1  | 242     | 200     | 150     | 197     | 23.27   | cps   |
| Molybdenum | 97-1  | 125     | 50      | 125     | 100     | 43.30   | cps   |
| Molybdenum | 98-1  | 150     | 83      | 108     | 114     | 29.57   | cps   |
| Neodymium  | 150-1 | 27      | 20      | 47      | 31      | 44.61   | cps   |
| Neodymium  | 150-2 | 7       | 10      | 7       | 8       | 24.71   | cps   |
| Nickel     | 60-2  | 1580    | 1623    | 1550    | 1585    | 2.33    | cps   |
| Phosphorus | 31-2  | 1208    | 975     | 1092    | 1092    | 10.69   | cps   |
| Potassium  | 39-2  | 68710   | 68391   | 67671   | 68258   | 0.78    | cps   |
| Rhodium    | 103-1 | 5015554 | 4982521 | 4942004 | 4980026 | 0.74    | cps   |
| Rhodium    | 103-2 | 2237045 | 2193778 | 2203821 | 2211548 | 1.02    | cps   |
| Scandium   | 45-1  | 2729668 | 2719219 | 2741434 | 2730107 | 0.41    | cps   |
| Scandium   | 45-2  | 118160  | 111334  | 115247  | 114914  | 2.98    | cps   |
| Selenium   | 77-2  | 3       | 0       | 0       | 1       | 173.21  | cps   |
| Selenium   | 78-2  | 56      | 41      | 39      | 45      | 20.28   | cps   |
| Selenium   | 82-1  | -25     | 14      | -28     | -13     | -174.82 | cps   |
| Silicon    | 28-1  | 3054584 | 2981635 | 2985952 | 3007390 | 1.36    | cps   |
| Silver     | 109-1 | 417     | 408     | 308     | 378     | 15.96   | cps   |
| Silver     | 107-1 | 367     | 425     | 450     | 414     | 10.33   | cps   |
| Sodium     | 23-2  | 1706530 | 1679763 | 1692894 | 1693062 | 0.79    | cps   |
| Strontium  | 86-1  | 32880   | 32997   | 32930   | 32936   | 0.18    | cps   |
| Strontium  | 88-1  | 295007  | 288650  | 285010  | 289556  | 1.75    | cps   |
| Sulfur     | 34-1  | 205659  | 205792  | 205710  | 205720  | 0.03    | cps   |
| Terbium    | 159-1 | 8520156 | 8501965 | 8414918 | 8479013 | 0.66    | cps   |
| Terbium    | 159-2 | 3721861 | 3654432 | 3642418 | 3672904 | 1.17    | cps   |
| Thallium   | 203-1 | 158     | 158     | 125     | 147     | 13.07   | cps   |
| Thallium   | 205-1 | 367     | 350     | 267     | 328     | 16.35   | cps   |
| Tin        | 118-1 | 1392    | 1250    | 1283    | 1308    | 5.66    | cps   |
| Titanium   | 47-1  | 325     | 258     | 233     | 272     | 17.41   | cps   |
| Uranium    | 238-1 | 258     | 342     | 258     | 286     | 16.82   | cps   |
| Vanadium   | 51-2  | 103     | 73      | 97      | 91      | 17.29   | cps   |
| Yttrium    | 89-1  | 5661881 | 5629043 | 5602576 | 5631166 | 0.53    | cps   |
| Yttrium    | 89-2  | 768488  | 750673  | 752899  | 757353  | 1.28    | cps   |
| Zinc       | 66-2  | 47811   | 48447   | 47624   | 47961   | 0.90    | cps   |
| Zirconium  | 90-1  | 817     | 792     | 683     | 764     | 9.28    | cps   |

|                         |                     |                   |                     |
|-------------------------|---------------------|-------------------|---------------------|
| LB Number :             | LB88853             | Operator :        | Jaswal              |
| Lab Sample ID :         | I4278-29            | Instrumnet Name : | P7                  |
| Client Sample ID :      | DC3126-29-FL3-BRW-W | Dilution Factor : | 1                   |
| Date & Time Acquired :: | 2017-07-19 22:21:00 | DataFile Name :   | 156SMPL_P7071917 -M |

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

LB Number : LB88853 Operator : Jaswal  
 Lab Sample ID : I4278-30 Instrumnet Name : P7  
 Client Sample ID : DC3126-30-FL3-BRW-W Dilution Factor : 1  
 Date & Time Acquired :: 2017-07-19 22:24:32 DataFile Name : 157SMPL\_P7071917 -M

| Parameter  | Mass  | CPS1    | CPS2    | CPS3    | CPSMean | CPSRSD | Units |
|------------|-------|---------|---------|---------|---------|--------|-------|
| Aluminium  | 27-2  | 1150    | 1317    | 1208    | 1225    | 6.91   | cps   |
| Antimony   | 121-1 | 700     | 492     | 617     | 603     | 17.40  | cps   |
| Arsenic    | 75-2  | 20      | 52      | 54      | 42      | 44.63  | cps   |
| Barium     | 135-1 | 27169   | 27060   | 27687   | 27306   | 1.23   | cps   |
| Barium     | 137-1 | 48879   | 48327   | 48594   | 48600   | 0.57   | cps   |
| Beryllium  | 9-1   | 83      | 44      | 128     | 85      | 48.94  | cps   |
| Bismuth    | 209-1 | 5406745 | 5255929 | 5340372 | 5334349 | 1.42   | cps   |
| Bismuth    | 209-2 | 2882607 | 2880355 | 2808455 | 2857139 | 1.48   | cps   |
| Boron      | 10-1  | 575     | 450     | 500     | 508     | 12.38  | cps   |
| Boron      | 11-1  | 2734    | 2650    | 2642    | 2675    | 1.89   | cps   |
| Cadmium    | 111-1 | 1309    | 1331    | 1538    | 1393    | 9.09   | cps   |
| Cadmium    | 106-1 | 1433    | 1442    | 1725    | 1533    | 10.83  | cps   |
| Cadmium    | 108-1 | 33      | 29      | 33      | 32      | 7.52   | cps   |
| Calcium    | 43-1  | 69262   | 69187   | 68048   | 68832   | 0.99   | cps   |
| Calcium    | 44-1  | 1125742 | 1127048 | 1113200 | 1121997 | 0.68   | cps   |
| Chromium   | 52-2  | 343     | 313     | 343     | 333     | 5.20   | cps   |
| Cobalt     | 59-2  | 480     | 517     | 433     | 477     | 8.76   | cps   |
| Copper     | 63-2  | 1052359 | 1054218 | 1046035 | 1050871 | 0.41   | cps   |
| Dysprosium | 156-1 | 42      | 58      | 25      | 42      | 40.00  | cps   |
| Dysprosium | 156-2 | 20      | 23      | 27      | 23      | 14.29  | cps   |
| Erbium     | 164-1 | 92      | 100     | 117     | 103     | 12.38  | cps   |
| Erbium     | 164-2 | 33      | 30      | 47      | 37      | 24.06  | cps   |
| Gadolinium | 160-1 | 75      | 83      | 83      | 81      | 5.98   | cps   |
| Gadolinium | 160-2 | 83      | 120     | 73      | 92      | 26.64  | cps   |
| Holmium    | 165-1 | 8203306 | 7905363 | 8083129 | 8063933 | 1.86   | cps   |
| Holmium    | 165-2 | 3629435 | 3637281 | 3598944 | 3621887 | 0.56   | cps   |
| Indium     | 115-1 | 5673912 | 5548529 | 5583125 | 5601855 | 1.16   | cps   |
| Indium     | 115-2 | 1015614 | 1013591 | 1019401 | 1016202 | 0.29   | cps   |
| Iron       | 56-2  | 145166  | 145909  | 144364  | 145146  | 0.53   | cps   |
| Iron       | 57-2  | 3795    | 3906    | 4128    | 3943    | 4.31   | cps   |
| Lead       | 206-1 | 12173   | 11933   | 12000   | 12035   | 1.02   | cps   |
| Lead       | 207-1 | 10471   | 10193   | 10249   | 10304   | 1.43   | cps   |
| Lead       | 208-1 | 47990   | 47028   | 47473   | 47497   | 1.01   | cps   |
| Lithium    | 6-1   | 783377  | 771653  | 774710  | 776580  | 0.78   | cps   |
| Magnesium  | 24-2  | 107231  | 106728  | 105544  | 106501  | 0.81   | cps   |
| Manganese  | 55-2  | 12549   | 12692   | 13307   | 12849   | 3.13   | cps   |



LB Number : LB88853 Operator : Jaswal  
 Lab Sample ID : I4278-30 Instrumnet Name : P7  
 Client Sample ID : DC3126-30-FL3-BRW-W Dilution Factor : 1  
 Date & Time Acquired :: 2017-07-19 22:24:32 DataFile Name : 157SMPL\_P7071917 -M

| Parameter  | Mass  | CPS1    | CPS2    | CPS3    | CPSMean | CPSRSD  | Units |
|------------|-------|---------|---------|---------|---------|---------|-------|
| Molybdenum | 94-1  | 342     | 192     | 250     | 261     | 28.96   | cps   |
| Molybdenum | 95-1  | 100     | 125     | 100     | 108     | 13.32   | cps   |
| Molybdenum | 96-1  | 142     | 158     | 183     | 161     | 13.02   | cps   |
| Molybdenum | 97-1  | 75      | 108     | 42      | 75      | 44.44   | cps   |
| Molybdenum | 98-1  | 150     | 142     | 250     | 181     | 33.39   | cps   |
| Neodymium  | 150-1 | 53      | 20      | 47      | 40      | 44.10   | cps   |
| Neodymium  | 150-2 | 7       | 17      | 13      | 12      | 41.65   | cps   |
| Nickel     | 60-2  | 1183    | 1183    | 1333    | 1233    | 7.02    | cps   |
| Phosphorus | 31-2  | 1200    | 1183    | 1108    | 1164    | 4.20    | cps   |
| Potassium  | 39-2  | 65186   | 67605   | 67186   | 66659   | 1.94    | cps   |
| Rhodium    | 103-1 | 4877127 | 4799450 | 4797375 | 4824651 | 0.94    | cps   |
| Rhodium    | 103-2 | 2135562 | 2134801 | 2125337 | 2131900 | 0.27    | cps   |
| Scandium   | 45-1  | 2657249 | 2594170 | 2574275 | 2608564 | 1.66    | cps   |
| Scandium   | 45-2  | 113185  | 110983  | 111593  | 111920  | 1.02    | cps   |
| Selenium   | 77-2  | 0       | 0       | 0       | 0       | 0.00    | cps   |
| Selenium   | 78-2  | 67      | 26      | 48      | 47      | 43.48   | cps   |
| Selenium   | 82-1  | -22     | 5       | -5      | -7      | -184.37 | cps   |
| Silicon    | 28-1  | 2925627 | 2909513 | 2892178 | 2909106 | 0.58    | cps   |
| Silver     | 109-1 | 542     | 550     | 533     | 542     | 1.54    | cps   |
| Silver     | 107-1 | 442     | 408     | 567     | 472     | 17.68   | cps   |
| Sodium     | 23-2  | 1640316 | 1657265 | 1638635 | 1645405 | 0.63    | cps   |
| Strontium  | 86-1  | 33991   | 32797   | 32663   | 33150   | 2.21    | cps   |
| Strontium  | 88-1  | 283792  | 283772  | 280203  | 282589  | 0.73    | cps   |
| Sulfur     | 34-1  | 201571  | 201013  | 198851  | 200478  | 0.72    | cps   |
| Terbium    | 159-1 | 8360735 | 8231694 | 8106117 | 8232849 | 1.55    | cps   |
| Terbium    | 159-2 | 3564029 | 3550128 | 3522023 | 3545393 | 0.60    | cps   |
| Thallium   | 203-1 | 133     | 83      | 125     | 114     | 23.52   | cps   |
| Thallium   | 205-1 | 275     | 242     | 158     | 225     | 26.71   | cps   |
| Tin        | 118-1 | 2225    | 2167    | 1900    | 2097    | 8.26    | cps   |
| Titanium   | 47-1  | 217     | 400     | 325     | 314     | 29.36   | cps   |
| Uranium    | 238-1 | 333     | 283     | 317     | 311     | 8.18    | cps   |
| Vanadium   | 51-2  | 110     | 83      | 90      | 94      | 14.70   | cps   |
| Yttrium    | 89-1  | 5509122 | 5451240 | 5432011 | 5464124 | 0.73    | cps   |
| Yttrium    | 89-2  | 731469  | 731178  | 728740  | 730462  | 0.21    | cps   |
| Zinc       | 66-2  | 22501   | 23175   | 22755   | 22810   | 1.49    | cps   |
| Zirconium  | 90-1  | 733     | 608     | 692     | 678     | 9.39    | cps   |

|                         |                     |                   |                     |
|-------------------------|---------------------|-------------------|---------------------|
| LB Number :             | LB88853             | Operator :        | Jaswal              |
| Lab Sample ID :         | I4278-30            | Instrumnet Name : | P7                  |
| Client Sample ID :      | DC3126-30-FL3-BRW-W | Dilution Factor : | 1                   |
| Date & Time Acquired :: | 2017-07-19 22:24:32 | DataFile Name :   | 157SMPL_P7071917 -M |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|-----------|------|------|------|------|---------|--------|-------|
| Zirconium | 91-1 | 167  | 167  | 158  | 164     | 2.94   | cps   |

LB Number : LB88853 Operator : Jaswal  
 Lab Sample ID : I4278-31 Instrumnet Name : P7  
 Client Sample ID : DC3126-31-FL3-BRW-W Dilution Factor : 1  
 Date & Time Acquired :: 2017-07-19 22:28:04 DataFile Name : 158SMPL\_P7071917 -M

| Parameter  | Mass  | CPS1    | CPS2    | CPS3    | CPSMean | CPSRSD | Units |
|------------|-------|---------|---------|---------|---------|--------|-------|
| Aluminium  | 27-2  | 400     | 275     | 558     | 411     | 34.54  | cps   |
| Antimony   | 121-1 | 400     | 442     | 358     | 400     | 10.42  | cps   |
| Arsenic    | 75-2  | 54      | 52      | 41      | 49      | 14.37  | cps   |
| Barium     | 135-1 | 24038   | 23863   | 24648   | 24183   | 1.70   | cps   |
| Barium     | 137-1 | 42967   | 43720   | 42081   | 42923   | 1.91   | cps   |
| Beryllium  | 9-1   | 50      | 61      | 56      | 56      | 10.00  | cps   |
| Bismuth    | 209-1 | 5398487 | 5381807 | 5259631 | 5346642 | 1.42   | cps   |
| Bismuth    | 209-2 | 2933428 | 2970580 | 2872691 | 2925566 | 1.69   | cps   |
| Boron      | 10-1  | 517     | 325     | 458     | 433     | 22.67  | cps   |
| Boron      | 11-1  | 1859    | 1984    | 2225    | 2022    | 9.22   | cps   |
| Cadmium    | 111-1 | 1343    | 1081    | 1279    | 1234    | 11.06  | cps   |
| Cadmium    | 106-1 | 1900    | 1517    | 1809    | 1742    | 11.49  | cps   |
| Cadmium    | 108-1 | 0       | 8       | 17      | 8       | 100.02 | cps   |
| Calcium    | 43-1  | 68283   | 68568   | 66894   | 67915   | 1.32   | cps   |
| Calcium    | 44-1  | 1124907 | 1111366 | 1102205 | 1112826 | 1.03   | cps   |
| Chromium   | 52-2  | 357     | 320     | 370     | 349     | 7.42   | cps   |
| Cobalt     | 59-2  | 120     | 130     | 120     | 123     | 4.68   | cps   |
| Copper     | 63-2  | 462603  | 461969  | 460075  | 461549  | 0.28   | cps   |
| Dysprosium | 156-1 | 25      | 17      | 42      | 28      | 45.82  | cps   |
| Dysprosium | 156-2 | 30      | 7       | 10      | 16      | 81.11  | cps   |
| Erbium     | 164-1 | 58      | 42      | 25      | 42      | 40.00  | cps   |
| Erbium     | 164-2 | 33      | 13      | 20      | 22      | 45.83  | cps   |
| Gadolinium | 160-1 | 50      | 75      | 33      | 53      | 39.74  | cps   |
| Gadolinium | 160-2 | 57      | 67      | 67      | 63      | 9.12   | cps   |
| Holmium    | 165-1 | 8085701 | 8062380 | 8052776 | 8066952 | 0.21   | cps   |
| Holmium    | 165-2 | 3634631 | 3676384 | 3598903 | 3636639 | 1.07   | cps   |
| Indium     | 115-1 | 5647776 | 5624710 | 5503624 | 5592037 | 1.38   | cps   |
| Indium     | 115-2 | 1023583 | 1031694 | 1021250 | 1025509 | 0.53   | cps   |
| Iron       | 56-2  | 26363   | 31244   | 27244   | 28284   | 9.20   | cps   |
| Iron       | 57-2  | 1072    | 900     | 1022    | 998     | 8.88   | cps   |
| Lead       | 206-1 | 4829    | 4657    | 4757    | 4747    | 1.82   | cps   |
| Lead       | 207-1 | 4284    | 3906    | 4040    | 4077    | 4.70   | cps   |
| Lead       | 208-1 | 19556   | 18422   | 18834   | 18937   | 3.03   | cps   |
| Lithium    | 6-1   | 777375  | 774366  | 764699  | 772147  | 0.86   | cps   |
| Magnesium  | 24-2  | 99488   | 100007  | 96971   | 98822   | 1.64   | cps   |
| Manganese  | 55-2  | 15051   | 15378   | 15345   | 15258   | 1.18   | cps   |

LB Number : LB88853 Operator : Jaswal  
 Lab Sample ID : I4278-31 Instrumnet Name : P7  
 Client Sample ID : DC3126-31-FL3-BRW-W Dilution Factor : 1  
 Date & Time Acquired :: 2017-07-19 22:28:04 DataFile Name : 158SMPL\_P7071917 -M

| Parameter  | Mass  | CPS1    | CPS2    | CPS3    | CPSMean | CPSRSD | Units |
|------------|-------|---------|---------|---------|---------|--------|-------|
| Molybdenum | 94-1  | 333     | 292     | 292     | 306     | 7.87   | cps   |
| Molybdenum | 95-1  | 117     | 167     | 92      | 125     | 30.55  | cps   |
| Molybdenum | 96-1  | 133     | 142     | 167     | 147     | 11.78  | cps   |
| Molybdenum | 97-1  | 67      | 92      | 92      | 83      | 17.32  | cps   |
| Molybdenum | 98-1  | 150     | 167     | 175     | 164     | 7.77   | cps   |
| Neodymium  | 150-1 | 7       | 27      | 27      | 20      | 57.73  | cps   |
| Neodymium  | 150-2 | 13      | 10      | 13      | 12      | 15.73  | cps   |
| Nickel     | 60-2  | 1183    | 1157    | 1183    | 1175    | 1.31   | cps   |
| Phosphorus | 31-2  | 1033    | 1225    | 1292    | 1183    | 11.33  | cps   |
| Potassium  | 39-2  | 63888   | 65604   | 64483   | 64658   | 1.35   | cps   |
| Rhodium    | 103-1 | 4882630 | 4825193 | 4739529 | 4815784 | 1.50   | cps   |
| Rhodium    | 103-2 | 2150736 | 2176300 | 2140927 | 2155987 | 0.85   | cps   |
| Scandium   | 45-1  | 2665627 | 2661993 | 2589612 | 2639077 | 1.62   | cps   |
| Scandium   | 45-2  | 111720  | 113198  | 111317  | 112079  | 0.88   | cps   |
| Selenium   | 77-2  | 0       | 0       | 0       | 0       | 0.00   | cps   |
| Selenium   | 78-2  | 43      | 43      | 43      | 43      | 0.00   | cps   |
| Selenium   | 82-1  | -1      | 73      | 7       | 26      | 157.14 | cps   |
| Silicon    | 28-1  | 2640955 | 2616454 | 2580547 | 2612652 | 1.16   | cps   |
| Silver     | 109-1 | 258     | 317     | 200     | 258     | 22.58  | cps   |
| Silver     | 107-1 | 308     | 300     | 283     | 297     | 4.28   | cps   |
| Sodium     | 23-2  | 1656752 | 1666843 | 1664158 | 1662584 | 0.31   | cps   |
| Strontium  | 86-1  | 32880   | 32279   | 32371   | 32510   | 1.00   | cps   |
| Strontium  | 88-1  | 274130  | 276390  | 270491  | 273670  | 1.09   | cps   |
| Sulfur     | 34-1  | 202230  | 202533  | 198766  | 201176  | 1.04   | cps   |
| Terbium    | 159-1 | 8281924 | 8275176 | 8168716 | 8241938 | 0.77   | cps   |
| Terbium    | 159-2 | 3575167 | 3592621 | 3563033 | 3576940 | 0.42   | cps   |
| Thallium   | 203-1 | 100     | 167     | 150     | 139     | 24.98  | cps   |
| Thallium   | 205-1 | 317     | 308     | 317     | 314     | 1.53   | cps   |
| Tin        | 118-1 | 692     | 733     | 675     | 700     | 4.29   | cps   |
| Titanium   | 47-1  | 208     | 308     | 233     | 250     | 20.82  | cps   |
| Uranium    | 238-1 | 142     | 217     | 158     | 172     | 22.87  | cps   |
| Vanadium   | 51-2  | 90      | 90      | 73      | 84      | 11.40  | cps   |
| Yttrium    | 89-1  | 5502441 | 5462418 | 5354327 | 5439729 | 1.41   | cps   |
| Yttrium    | 89-2  | 735623  | 746534  | 737401  | 739853  | 0.79   | cps   |
| Zinc       | 66-2  | 51092   | 51852   | 52350   | 51765   | 1.22   | cps   |
| Zirconium  | 90-1  | 600     | 767     | 667     | 678     | 12.38  | cps   |

|                         |                     |                   |                     |
|-------------------------|---------------------|-------------------|---------------------|
| LB Number :             | LB88853             | Operator :        | Jaswal              |
| Lab Sample ID :         | I4278-31            | Instrumnet Name : | P7                  |
| Client Sample ID :      | DC3126-31-FL3-BRW-W | Dilution Factor : | 1                   |
| Date & Time Acquired :: | 2017-07-19 22:28:04 | DataFile Name :   | 158SMPL_P7071917 -M |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|-----------|------|------|------|------|---------|--------|-------|
| Zirconium | 91-1 | 192  | 142  | 142  | 158     | 18.23  | cps   |

LB Number : LB88853 Operator : Jaswal  
 Lab Sample ID : I4278-32 Instrumnet Name : P7  
 Client Sample ID : DC3126-32-FL3-BRW-W Dilution Factor : 1  
 Date & Time Acquired :: 2017-07-19 22:31:36 DataFile Name : 159SMPL\_P7071917 -M

| Parameter  | Mass  | CPS1    | CPS2    | CPS3    | CPSMean | CPSRSD | Units |
|------------|-------|---------|---------|---------|---------|--------|-------|
| Aluminium  | 27-2  | 458     | 383     | 450     | 431     | 9.55   | cps   |
| Antimony   | 121-1 | 367     | 408     | 333     | 369     | 10.17  | cps   |
| Arsenic    | 75-2  | 33      | 46      | 44      | 41      | 16.96  | cps   |
| Barium     | 135-1 | 23813   | 23412   | 23270   | 23498   | 1.20   | cps   |
| Barium     | 137-1 | 42190   | 41371   | 41337   | 41633   | 1.16   | cps   |
| Beryllium  | 9-1   | 61      | 33      | 72      | 56      | 36.06  | cps   |
| Bismuth    | 209-1 | 5256198 | 5143112 | 5086012 | 5161774 | 1.68   | cps   |
| Bismuth    | 209-2 | 2915340 | 2808276 | 2828125 | 2850580 | 2.00   | cps   |
| Boron      | 10-1  | 425     | 333     | 467     | 408     | 16.70  | cps   |
| Boron      | 11-1  | 1925    | 1934    | 2009    | 1956    | 2.35   | cps   |
| Cadmium    | 111-1 | 1153    | 1179    | 1414    | 1249    | 11.52  | cps   |
| Cadmium    | 106-1 | 1592    | 1634    | 2009    | 1745    | 13.16  | cps   |
| Cadmium    | 108-1 | 17      | 8       | 13      | 13      | 33.36  | cps   |
| Calcium    | 43-1  | 65881   | 66625   | 65044   | 65850   | 1.20   | cps   |
| Calcium    | 44-1  | 1090473 | 1084537 | 1061797 | 1078936 | 1.40   | cps   |
| Chromium   | 52-2  | 313     | 267     | 277     | 286     | 8.60   | cps   |
| Cobalt     | 59-2  | 123     | 143     | 90      | 119     | 22.66  | cps   |
| Copper     | 63-2  | 444185  | 445322  | 444003  | 444503  | 0.16   | cps   |
| Dysprosium | 156-1 | 58      | 33      | 58      | 50      | 28.88  | cps   |
| Dysprosium | 156-2 | 23      | 20      | 33      | 26      | 27.15  | cps   |
| Erbium     | 164-1 | 67      | 100     | 58      | 75      | 29.40  | cps   |
| Erbium     | 164-2 | 40      | 37      | 37      | 38      | 5.09   | cps   |
| Gadolinium | 160-1 | 67      | 83      | 50      | 67      | 25.00  | cps   |
| Gadolinium | 160-2 | 80      | 60      | 70      | 70      | 14.29  | cps   |
| Holmium    | 165-1 | 7860968 | 7850366 | 7766544 | 7825959 | 0.66   | cps   |
| Holmium    | 165-2 | 3619911 | 3505300 | 3534276 | 3553162 | 1.68   | cps   |
| Indium     | 115-1 | 5476101 | 5410468 | 5343872 | 5410147 | 1.22   | cps   |
| Indium     | 115-2 | 1017476 | 988717  | 1002893 | 1003029 | 1.43   | cps   |
| Iron       | 56-2  | 26447   | 26620   | 25473   | 26180   | 2.36   | cps   |
| Iron       | 57-2  | 794     | 1028    | 950     | 924     | 12.86  | cps   |
| Lead       | 206-1 | 3984    | 3884    | 3773    | 3880    | 2.72   | cps   |
| Lead       | 207-1 | 3489    | 3339    | 3050    | 3293    | 6.78   | cps   |
| Lead       | 208-1 | 15776   | 15576   | 14898   | 15417   | 2.99   | cps   |
| Lithium    | 6-1   | 760103  | 750167  | 742824  | 751032  | 1.15   | cps   |
| Magnesium  | 24-2  | 95285   | 95544   | 94866   | 95232   | 0.36   | cps   |
| Manganese  | 55-2  | 13920   | 14027   | 13320   | 13755   | 2.77   | cps   |

LB Number : LB88853 Operator : Jaswal  
 Lab Sample ID : I4278-32 Instrumnet Name : P7  
 Client Sample ID : DC3126-32-FL3-BRW-W Dilution Factor : 1  
 Date & Time Acquired :: 2017-07-19 22:31:36 DataFile Name : 159SMPL\_P7071917 -M

| Parameter  | Mass  | CPS1    | CPS2    | CPS3    | CPSMean | CPSRSD | Units |
|------------|-------|---------|---------|---------|---------|--------|-------|
| Molybdenum | 94-1  | 283     | 250     | 342     | 292     | 15.91  | cps   |
| Molybdenum | 95-1  | 133     | 133     | 67      | 111     | 34.64  | cps   |
| Molybdenum | 96-1  | 117     | 100     | 192     | 136     | 35.87  | cps   |
| Molybdenum | 97-1  | 125     | 50      | 100     | 92      | 41.66  | cps   |
| Molybdenum | 98-1  | 108     | 225     | 242     | 192     | 37.90  | cps   |
| Neodymium  | 150-1 | 13      | 27      | 27      | 22      | 34.66  | cps   |
| Neodymium  | 150-2 | 17      | 10      | 37      | 21      | 65.74  | cps   |
| Nickel     | 60-2  | 830     | 897     | 860     | 862     | 3.87   | cps   |
| Phosphorus | 31-2  | 1100    | 1225    | 1058    | 1128    | 7.69   | cps   |
| Potassium  | 39-2  | 64114   | 64248   | 63688   | 64017   | 0.46   | cps   |
| Rhodium    | 103-1 | 4718513 | 4676464 | 4651879 | 4682285 | 0.72   | cps   |
| Rhodium    | 103-2 | 2140033 | 2089553 | 2104471 | 2111353 | 1.23   | cps   |
| Scandium   | 45-1  | 2563653 | 2538395 | 2532412 | 2544820 | 0.65   | cps   |
| Scandium   | 45-2  | 109833  | 109781  | 108513  | 109376  | 0.68   | cps   |
| Selenium   | 77-2  | 0       | 3       | 3       | 2       | 86.60  | cps   |
| Selenium   | 78-2  | 37      | 31      | 35      | 35      | 8.19   | cps   |
| Selenium   | 82-1  | 58      | 74      | 9       | 47      | 72.63  | cps   |
| Silicon    | 28-1  | 2616717 | 2537349 | 2524966 | 2559677 | 1.94   | cps   |
| Silver     | 109-1 | 242     | 325     | 258     | 275     | 16.04  | cps   |
| Silver     | 107-1 | 233     | 292     | 267     | 264     | 11.09  | cps   |
| Sodium     | 23-2  | 1599352 | 1606925 | 1601519 | 1602599 | 0.24   | cps   |
| Strontium  | 86-1  | 31152   | 32162   | 29974   | 31096   | 3.52   | cps   |
| Strontium  | 88-1  | 268065  | 269722  | 265539  | 267775  | 0.79   | cps   |
| Sulfur     | 34-1  | 202735  | 202603  | 201276  | 202205  | 0.40   | cps   |
| Terbium    | 159-1 | 8035830 | 7937798 | 7898155 | 7957261 | 0.89   | cps   |
| Terbium    | 159-2 | 3548008 | 3452286 | 3487656 | 3495983 | 1.38   | cps   |
| Thallium   | 203-1 | 125     | 67      | 83      | 92      | 32.78  | cps   |
| Thallium   | 205-1 | 275     | 317     | 200     | 264     | 22.41  | cps   |
| Tin        | 118-1 | 683     | 725     | 658     | 689     | 4.89   | cps   |
| Titanium   | 47-1  | 292     | 375     | 267     | 311     | 18.23  | cps   |
| Uranium    | 238-1 | 125     | 142     | 175     | 147     | 17.29  | cps   |
| Vanadium   | 51-2  | 77      | 70      | 110     | 86      | 25.05  | cps   |
| Yttrium    | 89-1  | 5326458 | 5277722 | 5231043 | 5278408 | 0.90   | cps   |
| Yttrium    | 89-2  | 730090  | 713698  | 723695  | 722494  | 1.14   | cps   |
| Zinc       | 66-2  | 25015   | 24037   | 24344   | 24465   | 2.05   | cps   |
| Zirconium  | 90-1  | 492     | 542     | 533     | 522     | 5.13   | cps   |

|                         |                     |                   |                     |
|-------------------------|---------------------|-------------------|---------------------|
| LB Number :             | LB88853             | Operator :        | Jaswal              |
| Lab Sample ID :         | I4278-32            | Instrumnet Name : | P7                  |
| Client Sample ID :      | DC3126-32-FL3-BRW-W | Dilution Factor : | 1                   |
| Date & Time Acquired :: | 2017-07-19 22:31:36 | DataFile Name :   | 159SMPL_P7071917 -M |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|-----------|------|------|------|------|---------|--------|-------|
| Zirconium | 91-1 | 42   | 142  | 468  | 217     | 102.64 | cps   |



LB Number : LB88853 Operator : Jaswal  
 Lab Sample ID : I4278-33 Instrumnet Name : P7  
 Client Sample ID : DC3126-35-FL3-BRW-W Dilution Factor : 1  
 Date & Time Acquired :: 2017-07-19 22:35:08 DataFile Name : 160SMPL\_P7071917 -M

| Parameter  | Mass  | CPS1    | CPS2    | CPS3    | CPSMean | CPSRSD | Units |
|------------|-------|---------|---------|---------|---------|--------|-------|
| Aluminium  | 27-2  | 225     | 183     | 200     | 203     | 10.34  | cps   |
| Antimony   | 121-1 | 4042    | 4042    | 3634    | 3906    | 6.04   | cps   |
| Arsenic    | 75-2  | 31      | 44      | 22      | 33      | 34.12  | cps   |
| Barium     | 135-1 | 25048   | 25299   | 24881   | 25076   | 0.84   | cps   |
| Barium     | 137-1 | 44715   | 44231   | 44932   | 44626   | 0.80   | cps   |
| Beryllium  | 9-1   | 61      | 39      | 56      | 52      | 22.30  | cps   |
| Bismuth    | 209-1 | 5203480 | 5377270 | 5367318 | 5316023 | 1.84   | cps   |
| Bismuth    | 209-2 | 3146754 | 2792110 | 2915657 | 2951507 | 6.10   | cps   |
| Boron      | 10-1  | 492     | 442     | 625     | 519     | 18.24  | cps   |
| Boron      | 11-1  | 2550    | 2650    | 2709    | 2636    | 3.04   | cps   |
| Cadmium    | 111-1 | 1746    | 1655    | 1609    | 1670    | 4.17   | cps   |
| Cadmium    | 106-1 | 2042    | 1942    | 1850    | 1945    | 4.93   | cps   |
| Cadmium    | 108-1 | 42      | 42      | 75      | 53      | 36.46  | cps   |
| Calcium    | 43-1  | 71884   | 69196   | 68551   | 69877   | 2.53   | cps   |
| Calcium    | 44-1  | 1142683 | 1130252 | 1125897 | 1132944 | 0.77   | cps   |
| Chromium   | 52-2  | 217     | 300     | 273     | 263     | 16.16  | cps   |
| Cobalt     | 59-2  | 497     | 437     | 453     | 462     | 6.70   | cps   |
| Copper     | 63-2  | 906094  | 905399  | 900362  | 903952  | 0.35   | cps   |
| Dysprosium | 156-1 | 17      | 8       | 17      | 14      | 34.67  | cps   |
| Dysprosium | 156-2 | 10      | 3       | 3       | 6       | 69.34  | cps   |
| Erbium     | 164-1 | 33      | 17      | 58      | 36      | 58.08  | cps   |
| Erbium     | 164-2 | 13      | 10      | 23      | 16      | 44.60  | cps   |
| Gadolinium | 160-1 | 42      | 42      | 58      | 47      | 20.38  | cps   |
| Gadolinium | 160-2 | 43      | 57      | 67      | 56      | 21.08  | cps   |
| Holmium    | 165-1 | 8037478 | 8145593 | 8067054 | 8083375 | 0.69   | cps   |
| Holmium    | 165-2 | 3851936 | 3588196 | 3677003 | 3705711 | 3.62   | cps   |
| Indium     | 115-1 | 5592999 | 5644130 | 5583035 | 5606721 | 0.58   | cps   |
| Indium     | 115-2 | 1090717 | 1010817 | 1035348 | 1045628 | 3.91   | cps   |
| Iron       | 56-2  | 16293   | 16927   | 16460   | 16560   | 1.98   | cps   |
| Iron       | 57-2  | 817     | 594     | 628     | 680     | 17.63  | cps   |
| Lead       | 206-1 | 4579    | 4418    | 4201    | 4399    | 4.31   | cps   |
| Lead       | 207-1 | 4279    | 3856    | 3606    | 3914    | 8.68   | cps   |
| Lead       | 208-1 | 18216   | 17255   | 16838   | 17436   | 4.05   | cps   |
| Lithium    | 6-1   | 769367  | 780769  | 774225  | 774787  | 0.74   | cps   |
| Magnesium  | 24-2  | 108809  | 108146  | 109758  | 108904  | 0.74   | cps   |
| Manganese  | 55-2  | 4387    | 4758    | 4704    | 4616    | 4.33   | cps   |

|                         |                     |                   |                     |
|-------------------------|---------------------|-------------------|---------------------|
| LB Number :             | LB88853             | Operator :        | Jaswal              |
| Lab Sample ID :         | I4278-33            | Instrumnet Name : | P7                  |
| Client Sample ID :      | DC3126-35-FL3-BRW-W | Dilution Factor : | 1                   |
| Date & Time Acquired :: | 2017-07-19 22:35:08 | DataFile Name :   | 160SMPL_P7071917 -M |

| Parameter  | Mass  | CPS1    | CPS2    | CPS3    | CPSMean | CPSRSD | Units |
|------------|-------|---------|---------|---------|---------|--------|-------|
| Molybdenum | 94-1  | 158     | 175     | 258     | 197     | 27.17  | cps   |
| Molybdenum | 95-1  | 125     | 92      | 50      | 89      | 42.28  | cps   |
| Molybdenum | 96-1  | 167     | 167     | 100     | 144     | 26.65  | cps   |
| Molybdenum | 97-1  | 133     | 50      | 67      | 83      | 52.92  | cps   |
| Molybdenum | 98-1  | 183     | 175     | 75      | 144     | 41.74  | cps   |
| Neodymium  | 150-1 | 7       | 7       | 20      | 11      | 69.25  | cps   |
| Neodymium  | 150-2 | 10      | 7       | 10      | 9       | 21.63  | cps   |
| Nickel     | 60-2  | 5671    | 5981    | 5818    | 5823    | 2.66   | cps   |
| Phosphorus | 31-2  | 408     | 333     | 308     | 350     | 14.87  | cps   |
| Potassium  | 39-2  | 64809   | 65646   | 66441   | 65632   | 1.24   | cps   |
| Rhodium    | 103-1 | 4817048 | 4870220 | 4829130 | 4838799 | 0.58   | cps   |
| Rhodium    | 103-2 | 2273162 | 2134894 | 2188915 | 2198991 | 3.17   | cps   |
| Scandium   | 45-1  | 2584057 | 2645910 | 2622539 | 2617502 | 1.19   | cps   |
| Scandium   | 45-2  | 123461  | 108826  | 113141  | 115143  | 6.53   | cps   |
| Selenium   | 77-2  | 0       | 0       | 0       | 0       | 0.00   | cps   |
| Selenium   | 78-2  | 48      | 54      | 31      | 44      | 26.02  | cps   |
| Selenium   | 82-1  | 56      | 25      | 60      | 47      | 40.42  | cps   |
| Silicon    | 28-1  | 2931603 | 2896764 | 2886704 | 2905024 | 0.81   | cps   |
| Silver     | 109-1 | 142     | 183     | 250     | 192     | 28.51  | cps   |
| Silver     | 107-1 | 292     | 275     | 225     | 264     | 13.15  | cps   |
| Sodium     | 23-2  | 1662707 | 1693329 | 1677877 | 1677971 | 0.91   | cps   |
| Strontium  | 86-1  | 32947   | 32838   | 32053   | 32613   | 1.50   | cps   |
| Strontium  | 88-1  | 284270  | 282588  | 281774  | 282877  | 0.45   | cps   |
| Sulfur     | 34-1  | 203581  | 206480  | 201951  | 204004  | 1.12   | cps   |
| Terbium    | 159-1 | 8155519 | 8368640 | 8270196 | 8264785 | 1.29   | cps   |
| Terbium    | 159-2 | 3785297 | 3505000 | 3611257 | 3633851 | 3.89   | cps   |
| Thallium   | 203-1 | 167     | 117     | 75      | 119     | 38.43  | cps   |
| Thallium   | 205-1 | 300     | 358     | 333     | 331     | 8.85   | cps   |
| Tin        | 118-1 | 2167    | 1942    | 1867    | 1992    | 7.85   | cps   |
| Titanium   | 47-1  | 200     | 167     | 175     | 181     | 9.61   | cps   |
| Uranium    | 238-1 | 58      | 83      | 92      | 78      | 22.30  | cps   |
| Vanadium   | 51-2  | 73      | 57      | 63      | 64      | 13.01  | cps   |
| Yttrium    | 89-1  | 5445102 | 5492364 | 5465504 | 5467656 | 0.43   | cps   |
| Yttrium    | 89-2  | 782611  | 730458  | 750230  | 754433  | 3.49   | cps   |
| Zinc       | 66-2  | 147496  | 149546  | 148711  | 148584  | 0.69   | cps   |
| Zirconium  | 90-1  | 450     | 383     | 425     | 419     | 8.03   | cps   |

|                         |                     |                   |                     |
|-------------------------|---------------------|-------------------|---------------------|
| LB Number :             | LB88853             | Operator :        | Jaswal              |
| Lab Sample ID :         | I4278-33            | Instrumnet Name : | P7                  |
| Client Sample ID :      | DC3126-35-FL3-BRW-W | Dilution Factor : | 1                   |
| Date & Time Acquired :: | 2017-07-19 22:35:08 | DataFile Name :   | 160SMPL_P7071917 -M |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|-----------|------|------|------|------|---------|--------|-------|
| Zirconium | 91-1 | 75   | 50   | 83   | 69      | 24.98  | cps   |

LB Number : LB88853 Operator : Jaswal  
 Lab Sample ID : I4278-34 Instrumnet Name : P7  
 Client Sample ID : DC3126-36-FL3-BRW-W Dilution Factor : 1  
 Date & Time Acquired :: 2017-07-19 22:38:40 DataFile Name : 161SMPL\_P7071917 -M

| Parameter  | Mass  | CPS1    | CPS2    | CPS3    | CPSMean | CPSRSD | Units |
|------------|-------|---------|---------|---------|---------|--------|-------|
| Aluminium  | 27-2  | 192     | 267     | 183     | 214     | 21.46  | cps   |
| Antimony   | 121-1 | 2725    | 3251    | 3200    | 3059    | 9.48   | cps   |
| Arsenic    | 75-2  | 31      | 46      | 33      | 37      | 21.80  | cps   |
| Barium     | 135-1 | 24205   | 23295   | 23195   | 23565   | 2.36   | cps   |
| Barium     | 137-1 | 42424   | 41555   | 41363   | 41780   | 1.35   | cps   |
| Beryllium  | 9-1   | 50      | 83      | 89      | 74      | 28.40  | cps   |
| Bismuth    | 209-1 | 5283214 | 5288038 | 5308732 | 5293328 | 0.26   | cps   |
| Bismuth    | 209-2 | 2758984 | 2834623 | 2911216 | 2834941 | 2.68   | cps   |
| Boron      | 10-1  | 600     | 533     | 508     | 547     | 8.66   | cps   |
| Boron      | 11-1  | 2267    | 2609    | 2484    | 2453    | 7.05   | cps   |
| Cadmium    | 111-1 | 1589    | 1647    | 1610    | 1615    | 1.82   | cps   |
| Cadmium    | 106-1 | 1800    | 1792    | 1825    | 1806    | 0.96   | cps   |
| Cadmium    | 108-1 | 42      | 46      | 38      | 42      | 10.00  | cps   |
| Calcium    | 43-1  | 69439   | 67822   | 66835   | 68032   | 1.93   | cps   |
| Calcium    | 44-1  | 1115029 | 1102477 | 1097602 | 1105036 | 0.81   | cps   |
| Chromium   | 52-2  | 337     | 210     | 310     | 286     | 23.39  | cps   |
| Cobalt     | 59-2  | 453     | 550     | 483     | 496     | 9.98   | cps   |
| Copper     | 63-2  | 827243  | 826454  | 826438  | 826712  | 0.06   | cps   |
| Dysprosium | 156-1 | 42      | 17      | 8       | 22      | 78.07  | cps   |
| Dysprosium | 156-2 | 0       | 13      | 7       | 7       | 99.98  | cps   |
| Erbium     | 164-1 | 33      | 25      | 42      | 33      | 25.01  | cps   |
| Erbium     | 164-2 | 17      | 10      | 13      | 13      | 25.01  | cps   |
| Gadolinium | 160-1 | 33      | 58      | 50      | 47      | 26.97  | cps   |
| Gadolinium | 160-2 | 80      | 47      | 57      | 61      | 27.99  | cps   |
| Holmium    | 165-1 | 8018771 | 8017592 | 7980367 | 8005576 | 0.27   | cps   |
| Holmium    | 165-2 | 3505736 | 3597863 | 3662093 | 3588564 | 2.19   | cps   |
| Indium     | 115-1 | 5585346 | 5591877 | 5568218 | 5581814 | 0.22   | cps   |
| Indium     | 115-2 | 986429  | 1018559 | 1034657 | 1013215 | 2.42   | cps   |
| Iron       | 56-2  | 16649   | 16754   | 17389   | 16931   | 2.36   | cps   |
| Iron       | 57-2  | 606     | 628     | 733     | 656     | 10.41  | cps   |
| Lead       | 206-1 | 5251    | 4868    | 5012    | 5044    | 3.84   | cps   |
| Lead       | 207-1 | 4529    | 4651    | 4584    | 4588    | 1.33   | cps   |
| Lead       | 208-1 | 20229   | 19951   | 20018   | 20066   | 0.72   | cps   |
| Lithium    | 6-1   | 774762  | 775094  | 772367  | 774074  | 0.19   | cps   |
| Magnesium  | 24-2  | 106107  | 107072  | 107592  | 106924  | 0.70   | cps   |
| Manganese  | 55-2  | 4227    | 4211    | 4271    | 4236    | 0.73   | cps   |

LB Number : LB88853 Operator : Jaswal  
 Lab Sample ID : I4278-34 Instrumnet Name : P7  
 Client Sample ID : DC3126-36-FL3-BRW-W Dilution Factor : 1  
 Date & Time Acquired :: 2017-07-19 22:38:40 DataFile Name : 161SMPL\_P7071917 -M

| Parameter  | Mass  | CPS1    | CPS2    | CPS3    | CPSMean | CPSRSD | Units |
|------------|-------|---------|---------|---------|---------|--------|-------|
| Molybdenum | 94-1  | 217     | 233     | 242     | 231     | 5.52   | cps   |
| Molybdenum | 95-1  | 117     | 100     | 92      | 103     | 12.39  | cps   |
| Molybdenum | 96-1  | 117     | 200     | 108     | 142     | 35.78  | cps   |
| Molybdenum | 97-1  | 92      | 100     | 50      | 81      | 33.26  | cps   |
| Molybdenum | 98-1  | 208     | 175     | 175     | 186     | 10.34  | cps   |
| Neodymium  | 150-1 | 27      | 13      | 7       | 16      | 65.47  | cps   |
| Neodymium  | 150-2 | 3       | 0       | 0       | 1       | 173.21 | cps   |
| Nickel     | 60-2  | 3727    | 3914    | 3817    | 3819    | 2.44   | cps   |
| Phosphorus | 31-2  | 508     | 325     | 442     | 425     | 21.83  | cps   |
| Potassium  | 39-2  | 65461   | 66156   | 67379   | 66332   | 1.46   | cps   |
| Rhodium    | 103-1 | 4823097 | 4800823 | 4804899 | 4809606 | 0.25   | cps   |
| Rhodium    | 103-2 | 2070603 | 2141811 | 2170729 | 2127714 | 2.42   | cps   |
| Scandium   | 45-1  | 2625613 | 2622296 | 2597010 | 2614973 | 0.60   | cps   |
| Scandium   | 45-2  | 106743  | 110649  | 113171  | 110188  | 2.94   | cps   |
| Selenium   | 77-2  | 0       | 0       | 0       | 0       | 0.00   | cps   |
| Selenium   | 78-2  | 41      | 46      | 37      | 41      | 11.27  | cps   |
| Selenium   | 82-1  | 87      | -11     | 78      | 51      | 105.38 | cps   |
| Silicon    | 28-1  | 2874132 | 2845950 | 2842763 | 2854282 | 0.60   | cps   |
| Silver     | 109-1 | 225     | 133     | 175     | 178     | 25.82  | cps   |
| Silver     | 107-1 | 167     | 175     | 192     | 178     | 7.16   | cps   |
| Sodium     | 23-2  | 1648677 | 1653485 | 1651495 | 1651219 | 0.15   | cps   |
| Strontium  | 86-1  | 31745   | 31644   | 30776   | 31388   | 1.70   | cps   |
| Strontium  | 88-1  | 276178  | 270327  | 272160  | 272888  | 1.10   | cps   |
| Sulfur     | 34-1  | 203868  | 203540  | 202896  | 203434  | 0.24   | cps   |
| Terbium    | 159-1 | 8221034 | 8251579 | 8173991 | 8215534 | 0.48   | cps   |
| Terbium    | 159-2 | 3435198 | 3553289 | 3585351 | 3524613 | 2.24   | cps   |
| Thallium   | 203-1 | 125     | 183     | 100     | 136     | 31.42  | cps   |
| Thallium   | 205-1 | 333     | 250     | 325     | 303     | 15.16  | cps   |
| Tin        | 118-1 | 4609    | 4684    | 4709    | 4668    | 1.11   | cps   |
| Titanium   | 47-1  | 133     | 200     | 125     | 153     | 26.91  | cps   |
| Uranium    | 238-1 | 75      | 125     | 133     | 111     | 28.40  | cps   |
| Vanadium   | 51-2  | 53      | 83      | 63      | 67      | 22.92  | cps   |
| Yttrium    | 89-1  | 5439450 | 5449621 | 5429504 | 5439525 | 0.18   | cps   |
| Yttrium    | 89-2  | 717028  | 728965  | 743128  | 729707  | 1.79   | cps   |
| Zinc       | 66-2  | 58192   | 57958   | 59173   | 58441   | 1.10   | cps   |
| Zirconium  | 90-1  | 392     | 433     | 467     | 431     | 8.73   | cps   |

|                         |                     |                   |                     |
|-------------------------|---------------------|-------------------|---------------------|
| LB Number :             | LB88853             | Operator :        | Jaswal              |
| Lab Sample ID :         | I4278-34            | Instrumnet Name : | P7                  |
| Client Sample ID :      | DC3126-36-FL3-BRW-W | Dilution Factor : | 1                   |
| Date & Time Acquired :: | 2017-07-19 22:38:40 | DataFile Name :   | 161SMPL_P7071917 -M |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|-----------|------|------|------|------|---------|--------|-------|
| Zirconium | 91-1 | 133  | 175  | 142  | 150     | 14.70  | cps   |

|                         |                     |                   |                     |
|-------------------------|---------------------|-------------------|---------------------|
| LB Number :             | LB88853             | Operator :        | Jaswal              |
| Lab Sample ID :         | PB100781BL          | Instrumnet Name : | P7                  |
| Client Sample ID :      | PB100781BL          | Dilution Factor : | 1                   |
| Date & Time Acquired :: | 2017-07-19 22:42:12 | DataFile Name :   | 162SMPL_P7071917 -M |

| Parameter  | Mass  | CPS1    | CPS2    | CPS3    | CPSMean | CPSRSD | Units |
|------------|-------|---------|---------|---------|---------|--------|-------|
| Aluminium  | 27-2  | 33      | 50      | 0       | 28      | 91.65  | cps   |
| Antimony   | 121-1 | 17      | 42      | 50      | 36      | 48.03  | cps   |
| Arsenic    | 75-2  | 2       | 4       | 4       | 3       | 34.64  | cps   |
| Barium     | 135-1 | 17      | 42      | 33      | 31      | 41.66  | cps   |
| Barium     | 137-1 | 42      | 83      | 42      | 56      | 43.30  | cps   |
| Beryllium  | 9-1   | 72      | 61      | 33      | 56      | 36.06  | cps   |
| Bismuth    | 209-1 | 4745452 | 4795881 | 4746759 | 4762697 | 0.60   | cps   |
| Bismuth    | 209-2 | 2648279 | 2633346 | 2654357 | 2645327 | 0.41   | cps   |
| Boron      | 10-1  | 167     | 200     | 167     | 178     | 10.83  | cps   |
| Boron      | 11-1  | 783     | 817     | 767     | 789     | 3.23   | cps   |
| Cadmium    | 111-1 | 1009    | 967     | 971     | 982     | 2.37   | cps   |
| Cadmium    | 106-1 | 1442    | 1375    | 1392    | 1403    | 2.47   | cps   |
| Cadmium    | 108-1 | 0       | 0       | 4       | 1       | 173.21 | cps   |
| Calcium    | 43-1  | 133     | 83      | 133     | 117     | 24.74  | cps   |
| Calcium    | 44-1  | 3242    | 3609    | 3551    | 3467    | 5.68   | cps   |
| Chromium   | 52-2  | 340     | 320     | 257     | 306     | 14.24  | cps   |
| Cobalt     | 59-2  | 40      | 70      | 50      | 53      | 28.64  | cps   |
| Copper     | 63-2  | 773     | 753     | 863     | 797     | 7.36   | cps   |
| Dysprosium | 156-1 | 8       | 8       | 0       | 6       | 86.60  | cps   |
| Dysprosium | 156-2 | 3       | 0       | 0       | 1       | 173.21 | cps   |
| Erbium     | 164-1 | 33      | 25      | 25      | 28      | 17.31  | cps   |
| Erbium     | 164-2 | 13      | 3       | 7       | 8       | 65.47  | cps   |
| Gadolinium | 160-1 | 42      | 50      | 50      | 47      | 10.18  | cps   |
| Gadolinium | 160-2 | 43      | 80      | 63      | 62      | 29.51  | cps   |
| Holmium    | 165-1 | 7184920 | 7208123 | 7226979 | 7206674 | 0.29   | cps   |
| Holmium    | 165-2 | 3319105 | 3317552 | 3317728 | 3318128 | 0.03   | cps   |
| Indium     | 115-1 | 5013711 | 5037367 | 5018140 | 5023073 | 0.25   | cps   |
| Indium     | 115-2 | 938516  | 945137  | 939829  | 941161  | 0.37   | cps   |
| Iron       | 56-2  | 3284    | 2895    | 2923    | 3034    | 7.15   | cps   |
| Iron       | 57-2  | 100     | 206     | 167     | 157     | 33.92  | cps   |
| Lead       | 206-1 | 839     | 861     | 750     | 817     | 7.20   | cps   |
| Lead       | 207-1 | 800     | 700     | 739     | 746     | 6.75   | cps   |
| Lead       | 208-1 | 3517    | 3434    | 3334    | 3428    | 2.68   | cps   |
| Lithium    | 6-1   | 693550  | 700556  | 698281  | 697462  | 0.51   | cps   |
| Magnesium  | 24-2  | 1033    | 1017    | 925     | 992     | 5.88   | cps   |
| Manganese  | 55-2  | 327     | 263     | 377     | 322     | 17.63  | cps   |

|                         |                     |                   |                     |
|-------------------------|---------------------|-------------------|---------------------|
| LB Number :             | LB88853             | Operator :        | Jaswal              |
| Lab Sample ID :         | PB100781BL          | Instrumnet Name : | P7                  |
| Client Sample ID :      | PB100781BL          | Dilution Factor : | 1                   |
| Date & Time Acquired :: | 2017-07-19 22:42:12 | DataFile Name :   | 162SMPL_P7071917 -M |

| Parameter  | Mass  | CPS1    | CPS2    | CPS3    | CPSMean | CPSRSD   | Units |
|------------|-------|---------|---------|---------|---------|----------|-------|
| Molybdenum | 94-1  | 117     | 83      | 58      | 86      | 33.98    | cps   |
| Molybdenum | 95-1  | 17      | 17      | 0       | 11      | 86.60    | cps   |
| Molybdenum | 96-1  | 25      | 50      | 25      | 33      | 43.30    | cps   |
| Molybdenum | 97-1  | 42      | 17      | 25      | 28      | 45.82    | cps   |
| Molybdenum | 98-1  | 33      | 33      | 17      | 28      | 34.63    | cps   |
| Neodymium  | 150-1 | 0       | 0       | 0       | 0       | 0.00     | cps   |
| Neodymium  | 150-2 | 3       | 0       | 3       | 2       | 86.60    | cps   |
| Nickel     | 60-2  | 163     | 150     | 160     | 158     | 4.40     | cps   |
| Phosphorus | 31-2  | 133     | 67      | 83      | 94      | 36.73    | cps   |
| Potassium  | 39-2  | 19872   | 19021   | 20498   | 19797   | 3.74     | cps   |
| Rhodium    | 103-1 | 4337165 | 4358761 | 4336108 | 4344011 | 0.29     | cps   |
| Rhodium    | 103-2 | 1980160 | 1978863 | 1968864 | 1975962 | 0.31     | cps   |
| Scandium   | 45-1  | 2369310 | 2376443 | 2368276 | 2371343 | 0.19     | cps   |
| Scandium   | 45-2  | 102555  | 104411  | 105281  | 104082  | 1.34     | cps   |
| Selenium   | 77-2  | 3       | 0       | 0       | 1       | 173.21   | cps   |
| Selenium   | 78-2  | 52      | 31      | 44      | 43      | 24.21    | cps   |
| Selenium   | 82-1  | -76     | -23     | 89      | -3      | -2435.47 | cps   |
| Silicon    | 28-1  | 197955  | 198977  | 197489  | 198140  | 0.38     | cps   |
| Silver     | 109-1 | 117     | 100     | 75      | 97      | 21.57    | cps   |
| Silver     | 107-1 | 167     | 175     | 92      | 144     | 31.78    | cps   |
| Sodium     | 23-2  | 15842   | 15842   | 16902   | 16195   | 3.78     | cps   |
| Strontium  | 86-1  | 642     | 642     | 700     | 661     | 5.09     | cps   |
| Strontium  | 88-1  | 225     | 150     | 208     | 194     | 20.25    | cps   |
| Sulfur     | 34-1  | 180532  | 177089  | 182429  | 180017  | 1.50     | cps   |
| Terbium    | 159-1 | 7337018 | 7459319 | 7361454 | 7385930 | 0.88     | cps   |
| Terbium    | 159-2 | 3234314 | 3246672 | 3240570 | 3240519 | 0.19     | cps   |
| Thallium   | 203-1 | 150     | 92      | 133     | 125     | 24.04    | cps   |
| Thallium   | 205-1 | 417     | 342     | 225     | 328     | 29.47    | cps   |
| Tin        | 118-1 | 550     | 708     | 683     | 647     | 13.15    | cps   |
| Titanium   | 47-1  | 100     | 42      | 50      | 64      | 49.38    | cps   |
| Uranium    | 238-1 | 17      | 50      | 25      | 31      | 56.77    | cps   |
| Vanadium   | 51-2  | 3       | 13      | 7       | 8       | 65.47    | cps   |
| Yttrium    | 89-1  | 4852289 | 4907179 | 4868256 | 4875908 | 0.58     | cps   |
| Yttrium    | 89-2  | 674594  | 678739  | 677990  | 677108  | 0.33     | cps   |
| Zinc       | 66-2  | 123     | 90      | 153     | 122     | 25.92    | cps   |
| Zirconium  | 90-1  | 317     | 292     | 300     | 303     | 4.21     | cps   |



|                         |                     |                   |                     |
|-------------------------|---------------------|-------------------|---------------------|
| LB Number :             | LB88853             | Operator :        | Jaswal              |
| Lab Sample ID :         | PB100781BL          | Instrumnet Name : | P7                  |
| Client Sample ID :      | PB100781BL          | Dilution Factor : | 1                   |
| Date & Time Acquired :: | 2017-07-19 22:42:12 | DataFile Name :   | 162SMPL_P7071917 -M |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|-----------|------|------|------|------|---------|--------|-------|
| Zirconium | 91-1 | 67   | 92   | 75   | 78      | 16.37  | cps   |

|                         |                     |                   |                     |
|-------------------------|---------------------|-------------------|---------------------|
| LB Number :             | LB88853             | Operator :        | Jaswal              |
| Lab Sample ID :         | PB100781BS          | Instrumnet Name : | P7                  |
| Client Sample ID :      | PB100781BS          | Dilution Factor : | 1                   |
| Date & Time Acquired :: | 2017-07-19 22:45:44 | DataFile Name :   | 163SMPL_P7071917 -M |

| Parameter  | Mass  | CPS1     | CPS2     | CPS3    | CPSMean | CPSRSD | Units |
|------------|-------|----------|----------|---------|---------|--------|-------|
| Aluminium  | 27-2  | 25       | 17       | 42      | 28      | 45.82  | cps   |
| Antimony   | 121-1 | 33       | 75       | 42      | 50      | 44.10  | cps   |
| Arsenic    | 75-2  | 6        | 2        | 4       | 4       | 50.09  | cps   |
| Barium     | 135-1 | 25       | 50       | 33      | 36      | 35.25  | cps   |
| Barium     | 137-1 | 83       | 42       | 75      | 67      | 33.07  | cps   |
| Beryllium  | 9-1   | 89       | 50       | 56      | 65      | 32.45  | cps   |
| Bismuth    | 209-1 | 5035185  | 4891412  | 4603812 | 4843470 | 4.53   | cps   |
| Bismuth    | 209-2 | 2563452  | 2554279  | 2585160 | 2567631 | 0.62   | cps   |
| Boron      | 10-1  | 117      | 208      | 183     | 169     | 27.97  | cps   |
| Boron      | 11-1  | 792      | 950      | 825     | 856     | 9.76   | cps   |
| Cadmium    | 111-1 | 1243     | 1001     | 1088    | 1110    | 11.04  | cps   |
| Cadmium    | 106-1 | 1775     | 1442     | 1559    | 1592    | 10.63  | cps   |
| Cadmium    | 108-1 | 0        | 13       | 4       | 6       | 114.53 | cps   |
| Calcium    | 43-1  | 217      | 267      | 208     | 231     | 13.68  | cps   |
| Calcium    | 44-1  | 3951     | 4026     | 4193    | 4056    | 3.05   | cps   |
| Chromium   | 52-2  | 273      | 223      | 263     | 253     | 10.44  | cps   |
| Cobalt     | 59-2  | 30       | 67       | 50      | 49      | 37.55  | cps   |
| Copper     | 63-2  | 703      | 750      | 727     | 727     | 3.21   | cps   |
| Dysprosium | 156-1 | 0        | 0        | 0       | 0       | 0.00   | cps   |
| Dysprosium | 156-2 | 7        | 3        | 0       | 3       | 100.05 | cps   |
| Erbium     | 164-1 | 17       | 33       | 33      | 28      | 34.63  | cps   |
| Erbium     | 164-2 | 20       | 13       | 10      | 14      | 35.26  | cps   |
| Gadolinium | 160-1 | 33       | 17       | 42      | 31      | 41.66  | cps   |
| Gadolinium | 160-2 | 60       | 33       | 50      | 48      | 28.20  | cps   |
| Holmium    | 165-1 | 7445986  | 7380532  | 7020939 | 7282486 | 3.14   | cps   |
| Holmium    | 165-2 | 3219529  | 3219474  | 3258105 | 3232369 | 0.69   | cps   |
| Indium     | 115-1 | 5296773  | 5126080  | 4862995 | 5095283 | 4.29   | cps   |
| Indium     | 115-2 | 915770   | 907974   | 912000  | 911915  | 0.43   | cps   |
| Iron       | 56-2  | 2767     | 2623     | 2739    | 2710    | 2.83   | cps   |
| Iron       | 57-2  | 117      | 139      | 139     | 131     | 9.76   | cps   |
| Lead       | 206-1 | 2479757  | 2426289  | 2333020 | 2413022 | 3.08   | cps   |
| Lead       | 207-1 | 2269150  | 2231420  | 2157214 | 2219261 | 2.57   | cps   |
| Lead       | 208-1 | 10250507 | 10027911 | 9682712 | 9987043 | 2.86   | cps   |
| Lithium    | 6-1   | 728487   | 711023   | 686462  | 708657  | 2.98   | cps   |
| Magnesium  | 24-2  | 1083     | 1067     | 867     | 1006    | 11.99  | cps   |
| Manganese  | 55-2  | 337      | 340      | 270     | 316     | 12.51  | cps   |

|                         |                     |                   |                     |
|-------------------------|---------------------|-------------------|---------------------|
| LB Number :             | LB88853             | Operator :        | Jaswal              |
| Lab Sample ID :         | PB100781BS          | Instrumnet Name : | P7                  |
| Client Sample ID :      | PB100781BS          | Dilution Factor : | 1                   |
| Date & Time Acquired :: | 2017-07-19 22:45:44 | DataFile Name :   | 163SMPL_P7071917 -M |

| Parameter  | Mass  | CPS1    | CPS2    | CPS3    | CPSMean | CPSRSD | Units |
|------------|-------|---------|---------|---------|---------|--------|-------|
| Molybdenum | 94-1  | 92      | 183     | 125     | 133     | 34.80  | cps   |
| Molybdenum | 95-1  | 0       | 25      | 25      | 17      | 86.60  | cps   |
| Molybdenum | 96-1  | 25      | 50      | 42      | 39      | 32.73  | cps   |
| Molybdenum | 97-1  | 42      | 17      | 25      | 28      | 45.82  | cps   |
| Molybdenum | 98-1  | 50      | 17      | 42      | 36      | 48.03  | cps   |
| Neodymium  | 150-1 | 0       | 0       | 0       | 0       | 0.00   | cps   |
| Neodymium  | 150-2 | 0       | 3       | 0       | 1       | 173.21 | cps   |
| Nickel     | 60-2  | 157     | 177     | 153     | 162     | 7.78   | cps   |
| Phosphorus | 31-2  | 42      | 75      | 108     | 75      | 44.44  | cps   |
| Potassium  | 39-2  | 19655   | 19530   | 19839   | 19675   | 0.79   | cps   |
| Rhodium    | 103-1 | 4590005 | 4414024 | 4235657 | 4413229 | 4.01   | cps   |
| Rhodium    | 103-2 | 1934171 | 1911482 | 1932382 | 1926012 | 0.65   | cps   |
| Scandium   | 45-1  | 2490313 | 2419340 | 2299126 | 2402926 | 4.02   | cps   |
| Scandium   | 45-2  | 101461  | 100400  | 102105  | 101322  | 0.85   | cps   |
| Selenium   | 77-2  | 0       | 3       | 0       | 1       | 173.21 | cps   |
| Selenium   | 78-2  | 50      | 24      | 50      | 41      | 36.20  | cps   |
| Selenium   | 82-1  | -19     | 15      | 41      | 13      | 236.41 | cps   |
| Silicon    | 28-1  | 203239  | 201095  | 199315  | 201217  | 0.98   | cps   |
| Silver     | 109-1 | 75      | 100     | 67      | 81      | 21.54  | cps   |
| Silver     | 107-1 | 108     | 117     | 167     | 131     | 24.17  | cps   |
| Sodium     | 23-2  | 16710   | 15917   | 16168   | 16265   | 2.49   | cps   |
| Strontium  | 86-1  | 608     | 642     | 600     | 617     | 3.58   | cps   |
| Strontium  | 88-1  | 242     | 158     | 175     | 192     | 23.01  | cps   |
| Sulfur     | 34-1  | 183434  | 182726  | 181334  | 182498  | 0.59   | cps   |
| Terbium    | 159-1 | 7693542 | 7439637 | 7210556 | 7447912 | 3.24   | cps   |
| Terbium    | 159-2 | 3157731 | 3148677 | 3192502 | 3166303 | 0.73   | cps   |
| Thallium   | 203-1 | 183     | 117     | 142     | 147     | 22.88  | cps   |
| Thallium   | 205-1 | 342     | 225     | 300     | 289     | 20.46  | cps   |
| Tin        | 118-1 | 300     | 292     | 250     | 281     | 9.55   | cps   |
| Titanium   | 47-1  | 50      | 42      | 108     | 67      | 54.49  | cps   |
| Uranium    | 238-1 | 25      | 33      | 17      | 25      | 33.32  | cps   |
| Vanadium   | 51-2  | 7       | 13      | 3       | 8       | 65.47  | cps   |
| Yttrium    | 89-1  | 5140440 | 4993358 | 4755512 | 4963103 | 3.91   | cps   |
| Yttrium    | 89-2  | 663047  | 656545  | 664767  | 661453  | 0.66   | cps   |
| Zinc       | 66-2  | 203     | 163     | 163     | 177     | 13.07  | cps   |
| Zirconium  | 90-1  | 317     | 275     | 242     | 278     | 13.53  | cps   |

|                         |                     |                   |                     |
|-------------------------|---------------------|-------------------|---------------------|
| LB Number :             | LB88853             | Operator :        | Jaswal              |
| Lab Sample ID :         | PB100781BS          | Instrumnet Name : | P7                  |
| Client Sample ID :      | PB100781BS          | Dilution Factor : | 1                   |
| Date & Time Acquired :: | 2017-07-19 22:45:44 | DataFile Name :   | 163SMPL_P7071917 -M |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|-----------|------|------|------|------|---------|--------|-------|
| Zirconium | 91-1 | 67   | 58   | 75   | 67      | 12.49  | cps   |

LB Number : LB88853 Operator : Jaswal  
 Lab Sample ID : I4279-01 Instrumnet Name : P7  
 Client Sample ID : DC3126-38-FL3-CL311-V Dilution Factor : 1  
 Date & Time Acquired :: 2017-07-19 22:49:16 DataFile Name : 164SMPL\_P7071917 -M

| Parameter  | Mass  | CPS1    | CPS2    | CPS3    | CPSMean | CPSRSD | Units |
|------------|-------|---------|---------|---------|---------|--------|-------|
| Aluminium  | 27-2  | 108     | 25      | 75      | 69      | 60.40  | cps   |
| Antimony   | 121-1 | 108     | 83      | 58      | 83      | 30.00  | cps   |
| Arsenic    | 75-2  | 4       | 6       | 17      | 9       | 81.14  | cps   |
| Barium     | 135-1 | 233     | 175     | 175     | 194     | 17.32  | cps   |
| Barium     | 137-1 | 292     | 358     | 375     | 342     | 12.91  | cps   |
| Beryllium  | 9-1   | 56      | 89      | 50      | 65      | 32.45  | cps   |
| Bismuth    | 209-1 | 5548835 | 5382571 | 5483401 | 5471602 | 1.53   | cps   |
| Bismuth    | 209-2 | 2999544 | 3045601 | 3019509 | 3021551 | 0.76   | cps   |
| Boron      | 10-1  | 433     | 525     | 567     | 508     | 13.42  | cps   |
| Boron      | 11-1  | 2475    | 2442    | 2650    | 2523    | 4.44   | cps   |
| Cadmium    | 111-1 | 1197    | 1321    | 1229    | 1249    | 5.16   | cps   |
| Cadmium    | 106-1 | 1709    | 1892    | 1759    | 1786    | 5.31   | cps   |
| Cadmium    | 108-1 | 4       | 4       | 8       | 6       | 43.22  | cps   |
| Calcium    | 43-1  | 110243  | 110318  | 109269  | 109943  | 0.53   | cps   |
| Calcium    | 44-1  | 1807466 | 1782667 | 1775944 | 1788693 | 0.93   | cps   |
| Chromium   | 52-2  | 390     | 357     | 413     | 387     | 7.37   | cps   |
| Cobalt     | 59-2  | 60      | 57      | 47      | 54      | 12.74  | cps   |
| Copper     | 63-2  | 733     | 703     | 733     | 723     | 2.40   | cps   |
| Dysprosium | 156-1 | 8       | 8       | 8       | 8       | 0.00   | cps   |
| Dysprosium | 156-2 | 3       | 3       | 3       | 3       | 0.00   | cps   |
| Erbium     | 164-1 | 8       | 8       | 25      | 14      | 69.31  | cps   |
| Erbium     | 164-2 | 10      | 3       | 17      | 10      | 66.70  | cps   |
| Gadolinium | 160-1 | 50      | 25      | 75      | 50      | 50.00  | cps   |
| Gadolinium | 160-2 | 67      | 57      | 43      | 56      | 21.08  | cps   |
| Holmium    | 165-1 | 8420039 | 8415501 | 8274704 | 8370081 | 0.99   | cps   |
| Holmium    | 165-2 | 3819191 | 3835233 | 3796831 | 3817085 | 0.51   | cps   |
| Indium     | 115-1 | 5894384 | 6000087 | 5794651 | 5896374 | 1.74   | cps   |
| Indium     | 115-2 | 1076140 | 1088615 | 1080766 | 1081840 | 0.58   | cps   |
| Iron       | 56-2  | 3445    | 3523    | 3328    | 3432    | 2.85   | cps   |
| Iron       | 57-2  | 400     | 311     | 389     | 367     | 13.21  | cps   |
| Lead       | 206-1 | 1133    | 1095    | 950     | 1059    | 9.12   | cps   |
| Lead       | 207-1 | 806     | 1039    | 1017    | 954     | 13.50  | cps   |
| Lead       | 208-1 | 4200    | 4356    | 4400    | 4319    | 2.43   | cps   |
| Lithium    | 6-1   | 815832  | 813199  | 804649  | 811227  | 0.72   | cps   |
| Magnesium  | 24-2  | 287448  | 290690  | 285022  | 287720  | 0.99   | cps   |
| Manganese  | 55-2  | 330     | 350     | 387     | 356     | 8.08   | cps   |

LB Number : LB88853 Operator : Jaswal  
 Lab Sample ID : I4279-01 Instrumnet Name : P7  
 Client Sample ID : DC3126-38-FL3-CL311-V Dilution Factor : 1  
 Date & Time Acquired :: 2017-07-19 22:49:16 DataFile Name : 164SMPL\_P7071917 -M

| Parameter  | Mass  | CPS1    | CPS2    | CPS3    | CPSMean | CPSRSD  | Units |
|------------|-------|---------|---------|---------|---------|---------|-------|
| Molybdenum | 94-1  | 117     | 67      | 100     | 94      | 26.96   | cps   |
| Molybdenum | 95-1  | 0       | 17      | 0       | 6       | 173.21  | cps   |
| Molybdenum | 96-1  | 25      | 50      | 58      | 44      | 39.04   | cps   |
| Molybdenum | 97-1  | 25      | 25      | 42      | 31      | 31.50   | cps   |
| Molybdenum | 98-1  | 17      | 8       | 17      | 14      | 34.67   | cps   |
| Neodymium  | 150-1 | 0       | 13      | 0       | 4       | 173.21  | cps   |
| Neodymium  | 150-2 | 0       | 0       | 0       | 0       | 0.00    | cps   |
| Nickel     | 60-2  | 270     | 213     | 220     | 234     | 13.21   | cps   |
| Phosphorus | 31-2  | 83      | 50      | 50      | 61      | 31.50   | cps   |
| Potassium  | 39-2  | 21591   | 22259   | 23311   | 22387   | 3.87    | cps   |
| Rhodium    | 103-1 | 5095098 | 5083973 | 4992154 | 5057075 | 1.12    | cps   |
| Rhodium    | 103-2 | 2267938 | 2275782 | 2276228 | 2273316 | 0.21    | cps   |
| Scandium   | 45-1  | 2759253 | 2762019 | 2756146 | 2759139 | 0.11    | cps   |
| Scandium   | 45-2  | 119584  | 120831  | 118456  | 119624  | 0.99    | cps   |
| Selenium   | 77-2  | 0       | 0       | 0       | 0       | 0.00    | cps   |
| Selenium   | 78-2  | 54      | 50      | 50      | 51      | 4.17    | cps   |
| Selenium   | 82-1  | 9       | -56     | -21     | -22     | -143.57 | cps   |
| Silicon    | 28-1  | 216188  | 210779  | 212666  | 213211  | 1.29    | cps   |
| Silver     | 109-1 | 133     | 125     | 117     | 125     | 6.67    | cps   |
| Silver     | 107-1 | 133     | 167     | 133     | 144     | 13.32   | cps   |
| Sodium     | 23-2  | 1121881 | 1120620 | 1112797 | 1118433 | 0.44    | cps   |
| Strontium  | 86-1  | 3225    | 2809    | 2884    | 2973    | 7.47    | cps   |
| Strontium  | 88-1  | 21742   | 21133   | 20223   | 21033   | 3.63    | cps   |
| Sulfur     | 34-1  | 267408  | 263752  | 268198  | 266453  | 0.89    | cps   |
| Terbium    | 159-1 | 8689352 | 8556427 | 8486277 | 8577352 | 1.20    | cps   |
| Terbium    | 159-2 | 3737234 | 3772833 | 3755485 | 3755184 | 0.47    | cps   |
| Thallium   | 203-1 | 50      | 117     | 125     | 97      | 42.28   | cps   |
| Thallium   | 205-1 | 300     | 317     | 208     | 275     | 21.21   | cps   |
| Tin        | 118-1 | 308     | 308     | 275     | 297     | 6.47    | cps   |
| Titanium   | 47-1  | 67      | 100     | 58      | 75      | 29.39   | cps   |
| Uranium    | 238-1 | 33      | 58      | 42      | 44      | 28.65   | cps   |
| Vanadium   | 51-2  | 10      | 0       | 13      | 8       | 89.21   | cps   |
| Yttrium    | 89-1  | 5728765 | 5758337 | 5685113 | 5724072 | 0.64    | cps   |
| Yttrium    | 89-2  | 782125  | 784442  | 782265  | 782944  | 0.17    | cps   |
| Zinc       | 66-2  | 167     | 170     | 160     | 166     | 3.08    | cps   |
| Zirconium  | 90-1  | 350     | 383     | 267     | 333     | 18.03   | cps   |

|                         |                       |                   |                     |
|-------------------------|-----------------------|-------------------|---------------------|
| LB Number :             | LB88853               | Operator :        | Jaswal              |
| Lab Sample ID :         | I4279-01              | Instrumnet Name : | P7                  |
| Client Sample ID :      | DC3126-38-FL3-CL311-V | Dilution Factor : | 1                   |
| Date & Time Acquired :: | 2017-07-19 22:49:16   | DataFile Name :   | 164SMPL_P7071917 -M |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|-----------|------|------|------|------|---------|--------|-------|
| Zirconium | 91-1 | 17   | 42   | 33   | 31      | 41.66  | cps   |

|                         |                       |                   |                     |
|-------------------------|-----------------------|-------------------|---------------------|
| LB Number :             | LB88853               | Operator :        | Jaswal              |
| Lab Sample ID :         | I4279-02              | Instrumnet Name : | P7                  |
| Client Sample ID :      | DC3126-39-FL3-CL311-V | Dilution Factor : | 1                   |
| Date & Time Acquired :: | 2017-07-19 22:52:47   | DataFile Name :   | 165SMPL_P7071917 -M |

| Parameter  | Mass  | CPS1    | CPS2    | CPS3    | CPSMean | CPSRSD | Units |
|------------|-------|---------|---------|---------|---------|--------|-------|
| Aluminium  | 27-2  | 133     | 108     | 75      | 106     | 27.73  | cps   |
| Antimony   | 121-1 | 17      | 33      | 50      | 33      | 50.00  | cps   |
| Arsenic    | 75-2  | 0       | 13      | 11      | 8       | 87.37  | cps   |
| Barium     | 135-1 | 208     | 200     | 167     | 192     | 11.50  | cps   |
| Barium     | 137-1 | 350     | 358     | 350     | 353     | 1.36   | cps   |
| Beryllium  | 9-1   | 83      | 72      | 61      | 72      | 15.39  | cps   |
| Bismuth    | 209-1 | 5551016 | 5509472 | 5608075 | 5556188 | 0.89   | cps   |
| Bismuth    | 209-2 | 3016285 | 2905082 | 2988452 | 2969940 | 1.95   | cps   |
| Boron      | 10-1  | 542     | 500     | 475     | 506     | 6.66   | cps   |
| Boron      | 11-1  | 2350    | 2442    | 2467    | 2420    | 2.54   | cps   |
| Cadmium    | 111-1 | 1232    | 1327    | 1349    | 1303    | 4.76   | cps   |
| Cadmium    | 106-1 | 1759    | 1900    | 1934    | 1864    | 4.99   | cps   |
| Cadmium    | 108-1 | 4       | 4       | 13      | 7       | 69.23  | cps   |
| Calcium    | 43-1  | 106741  | 108076  | 107053  | 107290  | 0.65   | cps   |
| Calcium    | 44-1  | 1754271 | 1747557 | 1731557 | 1744462 | 0.67   | cps   |
| Chromium   | 52-2  | 443     | 350     | 400     | 398     | 11.74  | cps   |
| Cobalt     | 59-2  | 43      | 43      | 50      | 46      | 8.45   | cps   |
| Copper     | 63-2  | 730     | 650     | 707     | 696     | 5.91   | cps   |
| Dysprosium | 156-1 | 0       | 0       | 0       | 0       | 0.00   | cps   |
| Dysprosium | 156-2 | 3       | 7       | 0       | 3       | 100.05 | cps   |
| Erbium     | 164-1 | 17      | 33      | 50      | 33      | 50.00  | cps   |
| Erbium     | 164-2 | 7       | 13      | 13      | 11      | 34.61  | cps   |
| Gadolinium | 160-1 | 42      | 50      | 25      | 39      | 32.73  | cps   |
| Gadolinium | 160-2 | 47      | 57      | 37      | 47      | 21.43  | cps   |
| Holmium    | 165-1 | 8370318 | 8261403 | 8405737 | 8345819 | 0.90   | cps   |
| Holmium    | 165-2 | 3822629 | 3706375 | 3777300 | 3768768 | 1.55   | cps   |
| Indium     | 115-1 | 5869034 | 5826320 | 5810563 | 5835305 | 0.52   | cps   |
| Indium     | 115-2 | 1071791 | 1047907 | 1068118 | 1062606 | 1.21   | cps   |
| Iron       | 56-2  | 3245    | 3200    | 2934    | 3126    | 5.38   | cps   |
| Iron       | 57-2  | 361     | 417     | 389     | 389     | 7.14   | cps   |
| Lead       | 206-1 | 1050    | 1000    | 945     | 998     | 5.29   | cps   |
| Lead       | 207-1 | 917     | 1128    | 889     | 978     | 13.36  | cps   |
| Lead       | 208-1 | 4150    | 4428    | 4295    | 4291    | 3.24   | cps   |
| Lithium    | 6-1   | 810460  | 811369  | 811198  | 811009  | 0.06   | cps   |
| Magnesium  | 24-2  | 281485  | 282846  | 282920  | 282417  | 0.29   | cps   |
| Manganese  | 55-2  | 337     | 320     | 323     | 327     | 2.70   | cps   |



|                         |                       |                   |                     |
|-------------------------|-----------------------|-------------------|---------------------|
| LB Number :             | LB88853               | Operator :        | Jaswal              |
| Lab Sample ID :         | I4279-02              | Instrumnet Name : | P7                  |
| Client Sample ID :      | DC3126-39-FL3-CL311-V | Dilution Factor : | 1                   |
| Date & Time Acquired :: | 2017-07-19 22:52:47   | DataFile Name :   | 165SMPL_P7071917 -M |

| Parameter  | Mass  | CPS1    | CPS2    | CPS3    | CPSMean | CPSRSD | Units |
|------------|-------|---------|---------|---------|---------|--------|-------|
| Molybdenum | 94-1  | 142     | 67      | 75      | 94      | 43.53  | cps   |
| Molybdenum | 95-1  | 25      | 8       | 17      | 17      | 50.01  | cps   |
| Molybdenum | 96-1  | 58      | 92      | 42      | 64      | 39.85  | cps   |
| Molybdenum | 97-1  | 17      | 33      | 58      | 36      | 58.08  | cps   |
| Molybdenum | 98-1  | 0       | 17      | 33      | 17      | 99.99  | cps   |
| Neodymium  | 150-1 | 13      | 20      | 7       | 13      | 49.99  | cps   |
| Neodymium  | 150-2 | 0       | 0       | 3       | 1       | 173.21 | cps   |
| Nickel     | 60-2  | 263     | 253     | 197     | 238     | 15.12  | cps   |
| Phosphorus | 31-2  | 75      | 58      | 42      | 58      | 28.57  | cps   |
| Potassium  | 39-2  | 22368   | 22301   | 21600   | 22089   | 1.93   | cps   |
| Rhodium    | 103-1 | 5063895 | 5053411 | 5041256 | 5052854 | 0.22   | cps   |
| Rhodium    | 103-2 | 2268994 | 2209875 | 2255378 | 2244749 | 1.38   | cps   |
| Scandium   | 45-1  | 2763356 | 2762523 | 2800524 | 2775468 | 0.78   | cps   |
| Scandium   | 45-2  | 117239  | 114075  | 117770  | 116361  | 1.72   | cps   |
| Selenium   | 77-2  | 0       | 0       | 0       | 0       | 0.00   | cps   |
| Selenium   | 78-2  | 56      | 44      | 54      | 51      | 11.63  | cps   |
| Selenium   | 82-1  | 45      | -23     | 10      | 11      | 322.46 | cps   |
| Silicon    | 28-1  | 216910  | 217800  | 218257  | 217656  | 0.31   | cps   |
| Silver     | 109-1 | 108     | 100     | 108     | 106     | 4.56   | cps   |
| Silver     | 107-1 | 192     | 133     | 117     | 147     | 26.75  | cps   |
| Sodium     | 23-2  | 1086352 | 1089998 | 1082351 | 1086233 | 0.35   | cps   |
| Strontium  | 86-1  | 2984    | 2717    | 2975    | 2892    | 5.24   | cps   |
| Strontium  | 88-1  | 21150   | 21041   | 21016   | 21069   | 0.34   | cps   |
| Sulfur     | 34-1  | 263075  | 263212  | 264729  | 263672  | 0.35   | cps   |
| Terbium    | 159-1 | 8548632 | 8512795 | 8573386 | 8544938 | 0.36   | cps   |
| Terbium    | 159-2 | 3745775 | 3623037 | 3709597 | 3692803 | 1.71   | cps   |
| Thallium   | 203-1 | 125     | 117     | 125     | 122     | 3.94   | cps   |
| Thallium   | 205-1 | 342     | 375     | 175     | 297     | 36.05  | cps   |
| Tin        | 118-1 | 158     | 217     | 242     | 206     | 20.80  | cps   |
| Titanium   | 47-1  | 75      | 75      | 50      | 67      | 21.65  | cps   |
| Uranium    | 238-1 | 50      | 67      | 58      | 58      | 14.29  | cps   |
| Vanadium   | 51-2  | 13      | 7       | 17      | 12      | 41.65  | cps   |
| Yttrium    | 89-1  | 5678889 | 5723318 | 5722953 | 5708387 | 0.45   | cps   |
| Yttrium    | 89-2  | 775980  | 760972  | 766991  | 767981  | 0.98   | cps   |
| Zinc       | 66-2  | 160     | 153     | 193     | 169     | 12.69  | cps   |
| Zirconium  | 90-1  | 217     | 300     | 333     | 283     | 21.21  | cps   |

|                         |                       |                   |                     |
|-------------------------|-----------------------|-------------------|---------------------|
| LB Number :             | LB88853               | Operator :        | Jaswal              |
| Lab Sample ID :         | I4279-02              | Instrumnet Name : | P7                  |
| Client Sample ID :      | DC3126-39-FL3-CL311-V | Dilution Factor : | 1                   |
| Date & Time Acquired :: | 2017-07-19 22:52:47   | DataFile Name :   | 165SMPL_P7071917 -M |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|-----------|------|------|------|------|---------|--------|-------|
| Zirconium | 91-1 | 67   | 83   | 108  | 86      | 24.35  | cps   |

|                         |                     |                   |                      |
|-------------------------|---------------------|-------------------|----------------------|
| LB Number :             | LB88853             | Operator :        | Jaswal               |
| Lab Sample ID :         | CCV43               | Instrumnet Name : | P7                   |
| Client Sample ID :      | CCV43               | Dilution Factor : | 1                    |
| Date & Time Acquired :: | 2017-07-19 22:56:19 | DataFile Name :   | 166CCV_P7071917 -MS. |

| Parameter  | Mass  | CPS1     | CPS2    | CPS3    | CPSMean | CPSRSD | Units |
|------------|-------|----------|---------|---------|---------|--------|-------|
| Aluminium  | 27-2  | 17       | 17      | 42      | 25      | 57.73  | cps   |
| Antimony   | 121-1 | 33       | 50      | 83      | 56      | 45.83  | cps   |
| Arsenic    | 75-2  | 0        | 7       | 7       | 5       | 86.60  | cps   |
| Barium     | 135-1 | 33       | 58      | 50      | 47      | 26.97  | cps   |
| Barium     | 137-1 | 100      | 42      | 100     | 81      | 41.81  | cps   |
| Beryllium  | 9-1   | 61       | 44      | 33      | 46      | 30.20  | cps   |
| Bismuth    | 209-1 | 4862264  | 4757285 | 4732482 | 4784010 | 1.44   | cps   |
| Bismuth    | 209-2 | 2615146  | 2622608 | 2630114 | 2622622 | 0.29   | cps   |
| Boron      | 10-1  | 175      | 175     | 100     | 150     | 28.87  | cps   |
| Boron      | 11-1  | 992      | 600     | 758     | 783     | 25.15  | cps   |
| Cadmium    | 111-1 | 1064     | 1050    | 1085    | 1066    | 1.65   | cps   |
| Cadmium    | 106-1 | 1508     | 1508    | 1550    | 1522    | 1.58   | cps   |
| Cadmium    | 108-1 | 0        | 8       | 0       | 3       | 173.21 | cps   |
| Calcium    | 43-1  | 225      | 300     | 258     | 261     | 14.39  | cps   |
| Calcium    | 44-1  | 4709     | 4859    | 4751    | 4773    | 1.62   | cps   |
| Chromium   | 52-2  | 277      | 277     | 250     | 268     | 5.75   | cps   |
| Cobalt     | 59-2  | 57       | 57      | 60      | 58      | 3.33   | cps   |
| Copper     | 63-2  | 663      | 777     | 720     | 720     | 7.87   | cps   |
| Dysprosium | 156-1 | 8        | 33      | 0       | 14      | 124.92 | cps   |
| Dysprosium | 156-2 | 0        | 3       | 0       | 1       | 173.21 | cps   |
| Erbium     | 164-1 | 33       | 8       | 75      | 39      | 86.61  | cps   |
| Erbium     | 164-2 | 13       | 3       | 0       | 6       | 124.93 | cps   |
| Gadolinium | 160-1 | 17       | 67      | 33      | 39      | 65.47  | cps   |
| Gadolinium | 160-2 | 47       | 43      | 50      | 47      | 7.15   | cps   |
| Holmium    | 165-1 | 7315340  | 7146769 | 7170915 | 7211008 | 1.26   | cps   |
| Holmium    | 165-2 | 3281827  | 3300785 | 3308572 | 3297061 | 0.42   | cps   |
| Indium     | 115-1 | 5129849  | 4992806 | 4986411 | 5036355 | 1.61   | cps   |
| Indium     | 115-2 | 930201   | 928815  | 930077  | 929698  | 0.08   | cps   |
| Iron       | 56-2  | 2978     | 3156    | 3123    | 3086    | 3.06   | cps   |
| Iron       | 57-2  | 156      | 189     | 167     | 170     | 9.96   | cps   |
| Lead       | 206-1 | 2431957  | 2393323 | 2402164 | 2409148 | 0.84   | cps   |
| Lead       | 207-1 | 2245913  | 2184449 | 2200163 | 2210175 | 1.44   | cps   |
| Lead       | 208-1 | 10127384 | 9849733 | 9891464 | 9956194 | 1.50   | cps   |
| Lithium    | 6-1   | 712644   | 698245  | 694223  | 701704  | 1.38   | cps   |
| Magnesium  | 24-2  | 883      | 925     | 1017    | 942     | 7.24   | cps   |
| Manganese  | 55-2  | 357      | 283     | 350     | 330     | 12.29  | cps   |

|                         |                     |                   |                      |
|-------------------------|---------------------|-------------------|----------------------|
| LB Number :             | LB88853             | Operator :        | Jaswal               |
| Lab Sample ID :         | CCV43               | Instrumnet Name : | P7                   |
| Client Sample ID :      | CCV43               | Dilution Factor : | 1                    |
| Date & Time Acquired :: | 2017-07-19 22:56:19 | DataFile Name :   | 166CCV_P7071917 -MS. |

| Parameter  | Mass  | CPS1    | CPS2    | CPS3    | CPSMean | CPSRSD  | Units |
|------------|-------|---------|---------|---------|---------|---------|-------|
| Molybdenum | 94-1  | 108     | 117     | 100     | 108     | 7.69    | cps   |
| Molybdenum | 95-1  | 33      | 8       | 17      | 19      | 65.47   | cps   |
| Molybdenum | 96-1  | 67      | 42      | 58      | 56      | 22.91   | cps   |
| Molybdenum | 97-1  | 33      | 25      | 8       | 22      | 57.30   | cps   |
| Molybdenum | 98-1  | 17      | 42      | 17      | 25      | 57.73   | cps   |
| Neodymium  | 150-1 | 0       | 7       | 0       | 2       | 173.21  | cps   |
| Neodymium  | 150-2 | 0       | 0       | 0       | 0       | 0.00    | cps   |
| Nickel     | 60-2  | 143     | 173     | 167     | 161     | 9.78    | cps   |
| Phosphorus | 31-2  | 75      | 108     | 100     | 94      | 18.37   | cps   |
| Potassium  | 39-2  | 20031   | 19989   | 20231   | 20084   | 0.64    | cps   |
| Rhodium    | 103-1 | 4437454 | 4338604 | 4292878 | 4356312 | 1.70    | cps   |
| Rhodium    | 103-2 | 1963537 | 1982851 | 1967173 | 1971187 | 0.52    | cps   |
| Scandium   | 45-1  | 2423067 | 2362040 | 2353494 | 2379533 | 1.59    | cps   |
| Scandium   | 45-2  | 103293  | 103437  | 103404  | 103378  | 0.07    | cps   |
| Selenium   | 77-2  | 0       | 0       | 0       | 0       | 0.00    | cps   |
| Selenium   | 78-2  | 57      | 39      | 33      | 43      | 29.18   | cps   |
| Selenium   | 82-1  | -54     | 16      | 22      | -6      | -768.23 | cps   |
| Silicon    | 28-1  | 201245  | 202564  | 199929  | 201246  | 0.65    | cps   |
| Silver     | 109-1 | 117     | 108     | 133     | 119     | 10.66   | cps   |
| Silver     | 107-1 | 117     | 67      | 108     | 97      | 27.55   | cps   |
| Sodium     | 23-2  | 15917   | 16376   | 15350   | 15881   | 3.24    | cps   |
| Strontium  | 86-1  | 583     | 658     | 692     | 644     | 8.61    | cps   |
| Strontium  | 88-1  | 267     | 250     | 225     | 247     | 8.48    | cps   |
| Sulfur     | 34-1  | 190182  | 184495  | 186740  | 187139  | 1.53    | cps   |
| Terbium    | 159-1 | 7523068 | 7407233 | 7353874 | 7428058 | 1.16    | cps   |
| Terbium    | 159-2 | 3226603 | 3243512 | 3229941 | 3233352 | 0.28    | cps   |
| Thallium   | 203-1 | 167     | 175     | 133     | 158     | 13.93   | cps   |
| Thallium   | 205-1 | 358     | 267     | 425     | 350     | 22.71   | cps   |
| Tin        | 118-1 | 325     | 283     | 258     | 289     | 11.66   | cps   |
| Titanium   | 47-1  | 25      | 108     | 50      | 61      | 69.98   | cps   |
| Uranium    | 238-1 | 17      | 33      | 17      | 22      | 43.28   | cps   |
| Vanadium   | 51-2  | 7       | 7       | 10      | 8       | 24.71   | cps   |
| Yttrium    | 89-1  | 5014634 | 4876284 | 4844844 | 4911921 | 1.84    | cps   |
| Yttrium    | 89-2  | 668199  | 676763  | 676988  | 673983  | 0.74    | cps   |
| Zinc       | 66-2  | 253     | 280     | 263     | 266     | 5.07    | cps   |
| Zirconium  | 90-1  | 375     | 217     | 333     | 308     | 26.62   | cps   |

|                         |                     |                   |                      |
|-------------------------|---------------------|-------------------|----------------------|
| LB Number :             | LB88853             | Operator :        | Jaswal               |
| Lab Sample ID :         | CCV43               | Instrumnet Name : | P7                   |
| Client Sample ID :      | CCV43               | Dilution Factor : | 1                    |
| Date & Time Acquired :: | 2017-07-19 22:56:19 | DataFile Name :   | 166CCV_P7071917 -MS. |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|-----------|------|------|------|------|---------|--------|-------|
| Zirconium | 91-1 | 50   | 42   | 83   | 58      | 37.80  | cps   |

|                         |                     |                   |                     |
|-------------------------|---------------------|-------------------|---------------------|
| LB Number :             | LB88853             | Operator :        | Jaswal              |
| Lab Sample ID :         | CCB43               | Instrumnet Name : | P7                  |
| Client Sample ID :      | CCB43               | Dilution Factor : | 1                   |
| Date & Time Acquired :: | 2017-07-19 22:59:51 | DataFile Name :   | 167CCBE_P7071917 -M |

| Parameter  | Mass  | CPS1    | CPS2    | CPS3    | CPSMean | CPSRSD | Units |
|------------|-------|---------|---------|---------|---------|--------|-------|
| Aluminium  | 27-2  | 33      | 75      | 42      | 50      | 44.10  | cps   |
| Antimony   | 121-1 | 33      | 33      | 117     | 61      | 78.74  | cps   |
| Arsenic    | 75-2  | 2       | 4       | 4       | 3       | 34.64  | cps   |
| Barium     | 135-1 | 42      | 67      | 75      | 61      | 28.38  | cps   |
| Barium     | 137-1 | 50      | 92      | 83      | 75      | 29.40  | cps   |
| Beryllium  | 9-1   | 28      | 28      | 56      | 37      | 43.30  | cps   |
| Bismuth    | 209-1 | 4917511 | 4940416 | 4940071 | 4932666 | 0.27   | cps   |
| Bismuth    | 209-2 | 2744844 | 2758990 | 2710953 | 2738262 | 0.90   | cps   |
| Boron      | 10-1  | 158     | 100     | 108     | 122     | 25.81  | cps   |
| Boron      | 11-1  | 758     | 525     | 767     | 683     | 20.08  | cps   |
| Cadmium    | 111-1 | 1108    | 1102    | 1071    | 1094    | 1.86   | cps   |
| Cadmium    | 106-1 | 1584    | 1567    | 1533    | 1561    | 1.63   | cps   |
| Cadmium    | 108-1 | 0       | 4       | 4       | 3       | 86.60  | cps   |
| Calcium    | 43-1  | 183     | 108     | 75      | 122     | 45.40  | cps   |
| Calcium    | 44-1  | 3259    | 3317    | 3192    | 3256    | 1.92   | cps   |
| Chromium   | 52-2  | 310     | 363     | 340     | 338     | 7.91   | cps   |
| Cobalt     | 59-2  | 37      | 37      | 53      | 42      | 22.78  | cps   |
| Copper     | 63-2  | 703     | 643     | 710     | 686     | 5.36   | cps   |
| Dysprosium | 156-1 | 8       | 17      | 25      | 17      | 50.01  | cps   |
| Dysprosium | 156-2 | 3       | 0       | 0       | 1       | 173.21 | cps   |
| Erbium     | 164-1 | 25      | 17      | 58      | 33      | 66.14  | cps   |
| Erbium     | 164-2 | 13      | 10      | 7       | 10      | 33.30  | cps   |
| Gadolinium | 160-1 | 17      | 25      | 33      | 25      | 33.32  | cps   |
| Gadolinium | 160-2 | 70      | 47      | 67      | 61      | 20.65  | cps   |
| Holmium    | 165-1 | 7415239 | 7466562 | 7498506 | 7460103 | 0.56   | cps   |
| Holmium    | 165-2 | 3472239 | 3482132 | 3394972 | 3449781 | 1.38   | cps   |
| Indium     | 115-1 | 5197989 | 5176531 | 5188819 | 5187780 | 0.21   | cps   |
| Indium     | 115-2 | 980000  | 981265  | 964653  | 975306  | 0.95   | cps   |
| Iron       | 56-2  | 3312    | 3156    | 2873    | 3113    | 7.15   | cps   |
| Iron       | 57-2  | 161     | 200     | 83      | 148     | 40.10  | cps   |
| Lead       | 206-1 | 1072    | 1122    | 1000    | 1065    | 5.77   | cps   |
| Lead       | 207-1 | 978     | 1011    | 900     | 963     | 5.92   | cps   |
| Lead       | 208-1 | 4295    | 4567    | 4184    | 4349    | 4.54   | cps   |
| Lithium    | 6-1   | 719004  | 724097  | 729276  | 724126  | 0.71   | cps   |
| Magnesium  | 24-2  | 942     | 983     | 942     | 956     | 2.52   | cps   |
| Manganese  | 55-2  | 317     | 303     | 253     | 291     | 11.47  | cps   |

|                         |                     |                   |                     |
|-------------------------|---------------------|-------------------|---------------------|
| LB Number :             | LB88853             | Operator :        | Jaswal              |
| Lab Sample ID :         | CCB43               | Instrumnet Name : | P7                  |
| Client Sample ID :      | CCB43               | Dilution Factor : | 1                   |
| Date & Time Acquired :: | 2017-07-19 22:59:51 | DataFile Name :   | 167CCBE_P7071917 -M |

| Parameter  | Mass  | CPS1    | CPS2    | CPS3    | CPSMean | CPSRSD  | Units |
|------------|-------|---------|---------|---------|---------|---------|-------|
| Molybdenum | 94-1  | 108     | 117     | 125     | 117     | 7.14    | cps   |
| Molybdenum | 95-1  | 17      | 8       | 8       | 11      | 43.34   | cps   |
| Molybdenum | 96-1  | 50      | 25      | 42      | 39      | 32.73   | cps   |
| Molybdenum | 97-1  | 0       | 50      | 8       | 19      | 137.78  | cps   |
| Molybdenum | 98-1  | 8       | 8       | 25      | 14      | 69.31   | cps   |
| Neodymium  | 150-1 | 0       | 0       | 0       | 0       | 0.00    | cps   |
| Neodymium  | 150-2 | 0       | 0       | 0       | 0       | 0.00    | cps   |
| Nickel     | 60-2  | 177     | 183     | 190     | 183     | 3.64    | cps   |
| Phosphorus | 31-2  | 33      | 58      | 117     | 69      | 61.58   | cps   |
| Potassium  | 39-2  | 19413   | 19655   | 19847   | 19639   | 1.11    | cps   |
| Rhodium    | 103-1 | 4534336 | 4510326 | 4531182 | 4525282 | 0.29    | cps   |
| Rhodium    | 103-2 | 2063176 | 2077774 | 2037481 | 2059477 | 0.99    | cps   |
| Scandium   | 45-1  | 2454750 | 2461489 | 2468853 | 2461697 | 0.29    | cps   |
| Scandium   | 45-2  | 109880  | 108208  | 103542  | 107210  | 3.06    | cps   |
| Selenium   | 77-2  | 0       | 0       | 0       | 0       | 0.00    | cps   |
| Selenium   | 78-2  | 46      | 28      | 56      | 43      | 32.73   | cps   |
| Selenium   | 82-1  | 12      | -35     | 6       | -6      | -456.54 | cps   |
| Silicon    | 28-1  | 206121  | 200100  | 202031  | 202751  | 1.52    | cps   |
| Silver     | 109-1 | 75      | 75      | 58      | 69      | 13.85   | cps   |
| Silver     | 107-1 | 117     | 100     | 125     | 114     | 11.18   | cps   |
| Sodium     | 23-2  | 15942   | 16334   | 15033   | 15770   | 4.23    | cps   |
| Strontium  | 86-1  | 592     | 600     | 542     | 578     | 5.46    | cps   |
| Strontium  | 88-1  | 192     | 150     | 175     | 172     | 12.18   | cps   |
| Sulfur     | 34-1  | 187719  | 183308  | 187566  | 186198  | 1.34    | cps   |
| Terbium    | 159-1 | 7545589 | 7616314 | 7647298 | 7603067 | 0.69    | cps   |
| Terbium    | 159-2 | 3403276 | 3407275 | 3361342 | 3390631 | 0.75    | cps   |
| Thallium   | 203-1 | 117     | 133     | 167     | 139     | 18.33   | cps   |
| Thallium   | 205-1 | 350     | 375     | 367     | 364     | 3.50    | cps   |
| Tin        | 118-1 | 758     | 617     | 550     | 642     | 16.58   | cps   |
| Titanium   | 47-1  | 42      | 33      | 42      | 39      | 12.38   | cps   |
| Uranium    | 238-1 | 17      | 17      | 25      | 19      | 24.73   | cps   |
| Vanadium   | 51-2  | 13      | 13      | 0       | 9       | 86.60   | cps   |
| Yttrium    | 89-1  | 5056792 | 5072725 | 5102001 | 5077173 | 0.45    | cps   |
| Yttrium    | 89-2  | 707399  | 708988  | 696552  | 704313  | 0.96    | cps   |
| Zinc       | 66-2  | 107     | 90      | 107     | 101     | 9.52    | cps   |
| Zirconium  | 90-1  | 325     | 242     | 408     | 325     | 25.64   | cps   |

|                         |                     |                   |                      |
|-------------------------|---------------------|-------------------|----------------------|
| LB Number :             | LB88853             | Operator :        | Jaswal               |
| Lab Sample ID :         | CCB43               | Instrumnet Name : | P7                   |
| Client Sample ID :      | CCB43               | Dilution Factor : | 1                    |
| Date & Time Acquired :: | 2017-07-19 22:59:51 | DataFile Name :   | 167CCBE_P7071917 -M: |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|-----------|------|------|------|------|---------|--------|-------|
| Zirconium | 91-1 | 117  | 25   | 42   | 61      | 79.90  | cps   |



LB Number : LB88853 Operator : Jaswal  
 Lab Sample ID : I4279-03 Instrumnet Name : P7  
 Client Sample ID : DC3126-40-FL3-CL311-V Dilution Factor : 1  
 Date & Time Acquired :: 2017-07-19 23:03:23 DataFile Name : 168SMPL\_P7071917 -M

| Parameter  | Mass  | CPS1    | CPS2    | CPS3    | CPSMean | CPSRSD | Units |
|------------|-------|---------|---------|---------|---------|--------|-------|
| Aluminium  | 27-2  | 467     | 425     | 450     | 447     | 4.69   | cps   |
| Antimony   | 121-1 | 367     | 342     | 333     | 347     | 5.00   | cps   |
| Arsenic    | 75-2  | 41      | 30      | 61      | 44      | 36.43  | cps   |
| Barium     | 135-1 | 27244   | 26084   | 26134   | 26487   | 2.48   | cps   |
| Barium     | 137-1 | 46312   | 46078   | 45484   | 45958   | 0.93   | cps   |
| Beryllium  | 9-1   | 39      | 50      | 56      | 48      | 17.63  | cps   |
| Bismuth    | 209-1 | 5574706 | 5455595 | 5306387 | 5445562 | 2.47   | cps   |
| Bismuth    | 209-2 | 3015795 | 3014103 | 2978269 | 3002722 | 0.71   | cps   |
| Boron      | 10-1  | 358     | 408     | 350     | 372     | 8.48   | cps   |
| Boron      | 11-1  | 1642    | 1984    | 1759    | 1795    | 9.68   | cps   |
| Cadmium    | 111-1 | 1483    | 1240    | 1412    | 1378    | 9.05   | cps   |
| Cadmium    | 106-1 | 2075    | 1759    | 1967    | 1934    | 8.33   | cps   |
| Cadmium    | 108-1 | 17      | 17      | 33      | 22      | 43.28  | cps   |
| Calcium    | 43-1  | 72671   | 71515   | 70611   | 71599   | 1.44   | cps   |
| Calcium    | 44-1  | 1185343 | 1172105 | 1162945 | 1173464 | 0.96   | cps   |
| Chromium   | 52-2  | 340     | 260     | 410     | 337     | 22.29  | cps   |
| Cobalt     | 59-2  | 77      | 80      | 80      | 79      | 2.44   | cps   |
| Copper     | 63-2  | 350405  | 347284  | 348037  | 348576  | 0.47   | cps   |
| Dysprosium | 156-1 | 50      | 25      | 8       | 28      | 75.51  | cps   |
| Dysprosium | 156-2 | 23      | 23      | 3       | 17      | 69.30  | cps   |
| Erbium     | 164-1 | 50      | 67      | 67      | 61      | 15.75  | cps   |
| Erbium     | 164-2 | 23      | 27      | 17      | 22      | 22.91  | cps   |
| Gadolinium | 160-1 | 75      | 100     | 58      | 78      | 26.96  | cps   |
| Gadolinium | 160-2 | 57      | 50      | 60      | 56      | 9.17   | cps   |
| Holmium    | 165-1 | 8443377 | 8417934 | 8226263 | 8362525 | 1.42   | cps   |
| Holmium    | 165-2 | 3787586 | 3787376 | 3748449 | 3774470 | 0.60   | cps   |
| Indium     | 115-1 | 5818964 | 5730291 | 5700618 | 5749958 | 1.07   | cps   |
| Indium     | 115-2 | 1064339 | 1066111 | 1055435 | 1061962 | 0.54   | cps   |
| Iron       | 56-2  | 28404   | 27685   | 26574   | 27555   | 3.35   | cps   |
| Iron       | 57-2  | 1000    | 878     | 922     | 933     | 6.63   | cps   |
| Lead       | 206-1 | 2645    | 2256    | 2656    | 2519    | 9.05   | cps   |
| Lead       | 207-1 | 2217    | 2134    | 2272    | 2208    | 3.17   | cps   |
| Lead       | 208-1 | 10163   | 9513    | 10452   | 10043   | 4.79   | cps   |
| Lithium    | 6-1   | 813774  | 801886  | 794704  | 803455  | 1.20   | cps   |
| Magnesium  | 24-2  | 103095  | 102523  | 101542  | 102387  | 0.77   | cps   |
| Manganese  | 55-2  | 7322    | 7005    | 7425    | 7251    | 3.02   | cps   |

|                         |                       |                   |                     |
|-------------------------|-----------------------|-------------------|---------------------|
| LB Number :             | LB88853               | Operator :        | Jaswal              |
| Lab Sample ID :         | I4279-03              | Instrumnet Name : | P7                  |
| Client Sample ID :      | DC3126-40-FL3-CL311-V | Dilution Factor : | 1                   |
| Date & Time Acquired :: | 2017-07-19 23:03:23   | DataFile Name :   | 168SMPL_P7071917 -M |

| Parameter  | Mass  | CPS1    | CPS2    | CPS3    | CPSMean | CPSRSD | Units |
|------------|-------|---------|---------|---------|---------|--------|-------|
| Molybdenum | 94-1  | 375     | 333     | 375     | 361     | 6.66   | cps   |
| Molybdenum | 95-1  | 158     | 175     | 83      | 139     | 35.16  | cps   |
| Molybdenum | 96-1  | 83      | 158     | 150     | 131     | 31.49  | cps   |
| Molybdenum | 97-1  | 150     | 42      | 92      | 94      | 57.41  | cps   |
| Molybdenum | 98-1  | 158     | 175     | 183     | 172     | 7.39   | cps   |
| Neodymium  | 150-1 | 0       | 20      | 27      | 16      | 89.22  | cps   |
| Neodymium  | 150-2 | 10      | 3       | 7       | 7       | 50.03  | cps   |
| Nickel     | 60-2  | 687     | 660     | 703     | 683     | 3.20   | cps   |
| Phosphorus | 31-2  | 1258    | 1133    | 1408    | 1267    | 10.87  | cps   |
| Potassium  | 39-2  | 67035   | 65947   | 67345   | 66776   | 1.10   | cps   |
| Rhodium    | 103-1 | 5014622 | 4967105 | 4932744 | 4971490 | 0.83   | cps   |
| Rhodium    | 103-2 | 2236151 | 2247317 | 2218033 | 2233834 | 0.66   | cps   |
| Scandium   | 45-1  | 2734127 | 2708611 | 2685185 | 2709308 | 0.90   | cps   |
| Scandium   | 45-2  | 118328  | 116581  | 116158  | 117022  | 0.98   | cps   |
| Selenium   | 77-2  | 3       | 0       | 0       | 1       | 173.21 | cps   |
| Selenium   | 78-2  | 35      | 41      | 54      | 43      | 21.98  | cps   |
| Selenium   | 82-1  | 46      | 9       | 38      | 31      | 62.29  | cps   |
| Silicon    | 28-1  | 2724972 | 2717473 | 2682040 | 2708162 | 0.85   | cps   |
| Silver     | 109-1 | 192     | 192     | 150     | 178     | 13.53  | cps   |
| Silver     | 107-1 | 217     | 158     | 167     | 181     | 17.48  | cps   |
| Sodium     | 23-2  | 1736717 | 1707676 | 1714727 | 1719706 | 0.88   | cps   |
| Strontium  | 86-1  | 34476   | 33949   | 33841   | 34089   | 1.00   | cps   |
| Strontium  | 88-1  | 293206  | 289949  | 286098  | 289751  | 1.23   | cps   |
| Sulfur     | 34-1  | 212645  | 212030  | 208423  | 211033  | 1.08   | cps   |
| Terbium    | 159-1 | 8537042 | 8448050 | 8460455 | 8481849 | 0.57   | cps   |
| Terbium    | 159-2 | 3710685 | 3689284 | 3667488 | 3689153 | 0.59   | cps   |
| Thallium   | 203-1 | 175     | 117     | 142     | 144     | 20.26  | cps   |
| Thallium   | 205-1 | 358     | 317     | 275     | 317     | 13.16  | cps   |
| Tin        | 118-1 | 667     | 642     | 650     | 653     | 1.95   | cps   |
| Titanium   | 47-1  | 267     | 317     | 208     | 264     | 20.55  | cps   |
| Uranium    | 238-1 | 275     | 258     | 242     | 258     | 6.45   | cps   |
| Vanadium   | 51-2  | 103     | 90      | 80      | 91      | 12.85  | cps   |
| Yttrium    | 89-1  | 5710815 | 5655394 | 5562903 | 5643037 | 1.32   | cps   |
| Yttrium    | 89-2  | 772790  | 767123  | 760769  | 766894  | 0.78   | cps   |
| Zinc       | 66-2  | 79887   | 79304   | 80038   | 79743   | 0.49   | cps   |
| Zirconium  | 90-1  | 1058    | 833     | 608     | 833     | 27.00  | cps   |

|                         |                       |                   |                     |
|-------------------------|-----------------------|-------------------|---------------------|
| LB Number :             | LB88853               | Operator :        | Jaswal              |
| Lab Sample ID :         | I4279-03              | Instrumnet Name : | P7                  |
| Client Sample ID :      | DC3126-40-FL3-CL311-V | Dilution Factor : | 1                   |
| Date & Time Acquired :: | 2017-07-19 23:03:23   | DataFile Name :   | 168SMPL_P7071917 -M |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|-----------|------|------|------|------|---------|--------|-------|
| Zirconium | 91-1 | 125  | 175  | 183  | 161     | 19.58  | cps   |

|                         |                       |                   |                     |
|-------------------------|-----------------------|-------------------|---------------------|
| LB Number :             | LB88853               | Operator :        | Jaswal              |
| Lab Sample ID :         | I4279-04              | Instrumnet Name : | P7                  |
| Client Sample ID :      | DC3126-41-FL3-CL311-V | Dilution Factor : | 1                   |
| Date & Time Acquired :: | 2017-07-19 23:06:55   | DataFile Name :   | 169SMPL_P7071917 -M |

| Parameter  | Mass  | CPS1    | CPS2    | CPS3    | CPSMean | CPSRSD | Units |
|------------|-------|---------|---------|---------|---------|--------|-------|
| Aluminium  | 27-2  | 617     | 600     | 492     | 570     | 11.92  | cps   |
| Antimony   | 121-1 | 375     | 383     | 458     | 406     | 11.32  | cps   |
| Arsenic    | 75-2  | 46      | 33      | 46      | 42      | 17.84  | cps   |
| Barium     | 135-1 | 28188   | 28480   | 27578   | 28082   | 1.64   | cps   |
| Barium     | 137-1 | 48519   | 49447   | 48686   | 48884   | 1.01   | cps   |
| Beryllium  | 9-1   | 39      | 50      | 100     | 63      | 51.70  | cps   |
| Bismuth    | 209-1 | 5534310 | 5411170 | 5406075 | 5450518 | 1.33   | cps   |
| Bismuth    | 209-2 | 2949384 | 2939429 | 2931867 | 2940227 | 0.30   | cps   |
| Boron      | 10-1  | 367     | 375     | 350     | 364     | 3.50   | cps   |
| Boron      | 11-1  | 1633    | 1675    | 1817    | 1709    | 5.63   | cps   |
| Cadmium    | 111-1 | 1198    | 1159    | 1337    | 1231    | 7.59   | cps   |
| Cadmium    | 106-1 | 1700    | 1650    | 1892    | 1747    | 7.30   | cps   |
| Cadmium    | 108-1 | 13      | 13      | 0       | 8       | 86.60  | cps   |
| Calcium    | 43-1  | 72202   | 70426   | 69179   | 70602   | 2.15   | cps   |
| Calcium    | 44-1  | 1159132 | 1149142 | 1147697 | 1151990 | 0.54   | cps   |
| Chromium   | 52-2  | 333     | 300     | 280     | 304     | 8.85   | cps   |
| Cobalt     | 59-2  | 80      | 97      | 77      | 84      | 12.69  | cps   |
| Copper     | 63-2  | 248514  | 248012  | 247606  | 248044  | 0.18   | cps   |
| Dysprosium | 156-1 | 50      | 42      | 17      | 36      | 48.03  | cps   |
| Dysprosium | 156-2 | 27      | 20      | 23      | 23      | 14.29  | cps   |
| Erbium     | 164-1 | 50      | 83      | 100     | 78      | 32.73  | cps   |
| Erbium     | 164-2 | 13      | 27      | 17      | 19      | 36.75  | cps   |
| Gadolinium | 160-1 | 33      | 58      | 92      | 61      | 47.89  | cps   |
| Gadolinium | 160-2 | 113     | 83      | 63      | 87      | 29.04  | cps   |
| Holmium    | 165-1 | 8455853 | 8275403 | 8259518 | 8330258 | 1.31   | cps   |
| Holmium    | 165-2 | 3755189 | 3724203 | 3709893 | 3729762 | 0.62   | cps   |
| Indium     | 115-1 | 5818522 | 5726304 | 5693903 | 5746243 | 1.13   | cps   |
| Indium     | 115-2 | 1041535 | 1047622 | 1041689 | 1043616 | 0.33   | cps   |
| Iron       | 56-2  | 30250   | 29442   | 31664   | 30452   | 3.69   | cps   |
| Iron       | 57-2  | 983     | 1095    | 1022    | 1033    | 5.46   | cps   |
| Lead       | 206-1 | 3278    | 3278    | 3539    | 3365    | 4.48   | cps   |
| Lead       | 207-1 | 2856    | 3028    | 2900    | 2928    | 3.05   | cps   |
| Lead       | 208-1 | 13420   | 13403   | 13842   | 13555   | 1.84   | cps   |
| Lithium    | 6-1   | 805389  | 794235  | 790462  | 796695  | 0.97   | cps   |
| Magnesium  | 24-2  | 101635  | 100653  | 100402  | 100897  | 0.65   | cps   |
| Manganese  | 55-2  | 9360    | 9793    | 9436    | 9530    | 2.43   | cps   |

LB Number : LB88853 Operator : Jaswal  
 Lab Sample ID : I4279-04 Instrumnet Name : P7  
 Client Sample ID : DC3126-41-FL3-CL311-V Dilution Factor : 1  
 Date & Time Acquired :: 2017-07-19 23:06:55 DataFile Name : 169SMPL\_P7071917 -M

| Parameter  | Mass  | CPS1    | CPS2    | CPS3    | CPSMean | CPSRSD | Units |
|------------|-------|---------|---------|---------|---------|--------|-------|
| Molybdenum | 94-1  | 333     | 342     | 367     | 347     | 5.00   | cps   |
| Molybdenum | 95-1  | 125     | 125     | 167     | 139     | 17.32  | cps   |
| Molybdenum | 96-1  | 217     | 208     | 158     | 194     | 16.23  | cps   |
| Molybdenum | 97-1  | 58      | 92      | 92      | 81      | 23.89  | cps   |
| Molybdenum | 98-1  | 117     | 100     | 183     | 133     | 33.07  | cps   |
| Neodymium  | 150-1 | 60      | 60      | 20      | 47      | 49.49  | cps   |
| Neodymium  | 150-2 | 3       | 3       | 3       | 3       | 0.00   | cps   |
| Nickel     | 60-2  | 560     | 530     | 490     | 527     | 6.67   | cps   |
| Phosphorus | 31-2  | 1408    | 1442    | 1442    | 1431    | 1.35   | cps   |
| Potassium  | 39-2  | 66098   | 66759   | 64399   | 65752   | 1.85   | cps   |
| Rhodium    | 103-1 | 5008400 | 4900046 | 4919031 | 4942492 | 1.17   | cps   |
| Rhodium    | 103-2 | 2204191 | 2190112 | 2191275 | 2195193 | 0.36   | cps   |
| Scandium   | 45-1  | 2728094 | 2682721 | 2704654 | 2705156 | 0.84   | cps   |
| Scandium   | 45-2  | 116807  | 114837  | 113117  | 114920  | 1.61   | cps   |
| Selenium   | 77-2  | 0       | 0       | 0       | 0       | 0.00   | cps   |
| Selenium   | 78-2  | 44      | 44      | 48      | 46      | 4.69   | cps   |
| Selenium   | 82-1  | 43      | 26      | -34     | 12      | 337.72 | cps   |
| Silicon    | 28-1  | 2696508 | 2662359 | 2670075 | 2676314 | 0.67   | cps   |
| Silver     | 109-1 | 375     | 242     | 325     | 314     | 21.46  | cps   |
| Silver     | 107-1 | 283     | 325     | 317     | 308     | 7.15   | cps   |
| Sodium     | 23-2  | 1697677 | 1702000 | 1696363 | 1698680 | 0.17   | cps   |
| Strontium  | 86-1  | 34016   | 33156   | 32797   | 33323   | 1.88   | cps   |
| Strontium  | 88-1  | 290492  | 291181  | 289116  | 290263  | 0.36   | cps   |
| Sulfur     | 34-1  | 212341  | 209232  | 210637  | 210737  | 0.74   | cps   |
| Terbium    | 159-1 | 8584397 | 8467627 | 8381625 | 8477883 | 1.20   | cps   |
| Terbium    | 159-2 | 3667386 | 3636978 | 3637293 | 3647219 | 0.48   | cps   |
| Thallium   | 203-1 | 192     | 67      | 108     | 122     | 52.08  | cps   |
| Thallium   | 205-1 | 258     | 308     | 267     | 278     | 9.64   | cps   |
| Tin        | 118-1 | 850     | 917     | 692     | 820     | 14.10  | cps   |
| Titanium   | 47-1  | 250     | 475     | 400     | 375     | 30.56  | cps   |
| Uranium    | 238-1 | 333     | 267     | 233     | 278     | 18.33  | cps   |
| Vanadium   | 51-2  | 50      | 117     | 93      | 87      | 39.04  | cps   |
| Yttrium    | 89-1  | 5657346 | 5570307 | 5522775 | 5583476 | 1.22   | cps   |
| Yttrium    | 89-2  | 753637  | 756547  | 755529  | 755238  | 0.20   | cps   |
| Zinc       | 66-2  | 11882   | 12289   | 12172   | 12114   | 1.73   | cps   |
| Zirconium  | 90-1  | 683     | 758     | 600     | 681     | 11.64  | cps   |

|                         |                       |                   |                     |
|-------------------------|-----------------------|-------------------|---------------------|
| LB Number :             | LB88853               | Operator :        | Jaswal              |
| Lab Sample ID :         | I4279-04              | Instrumnet Name : | P7                  |
| Client Sample ID :      | DC3126-41-FL3-CL311-V | Dilution Factor : | 1                   |
| Date & Time Acquired :: | 2017-07-19 23:06:55   | DataFile Name :   | 169SMPL_P7071917 -M |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|-----------|------|------|------|------|---------|--------|-------|
| Zirconium | 91-1 | 117  | 183  | 117  | 139     | 27.71  | cps   |

LB Number : LB88853 Operator : Jaswal  
 Lab Sample ID : I4279-05 Instrumnet Name : P7  
 Client Sample ID : DC3126-42-FL3-BR311-V Dilution Factor : 1  
 Date & Time Acquired :: 2017-07-19 23:10:27 DataFile Name : 170SMPL\_P7071917 -M

| Parameter  | Mass  | CPS1    | CPS2    | CPS3    | CPSMean | CPSRSD | Units |
|------------|-------|---------|---------|---------|---------|--------|-------|
| Aluminium  | 27-2  | 558     | 492     | 292     | 447     | 31.03  | cps   |
| Antimony   | 121-1 | 442     | 425     | 417     | 428     | 2.97   | cps   |
| Arsenic    | 75-2  | 37      | 37      | 35      | 36      | 2.93   | cps   |
| Barium     | 135-1 | 27219   | 26985   | 27695   | 27300   | 1.32   | cps   |
| Barium     | 137-1 | 48444   | 48393   | 48210   | 48349   | 0.25   | cps   |
| Beryllium  | 9-1   | 94      | 28      | 44      | 56      | 62.45  | cps   |
| Bismuth    | 209-1 | 5593032 | 5477126 | 5441235 | 5503798 | 1.44   | cps   |
| Bismuth    | 209-2 | 2871530 | 2828968 | 2823181 | 2841227 | 0.93   | cps   |
| Boron      | 10-1  | 342     | 308     | 375     | 342     | 9.76   | cps   |
| Boron      | 11-1  | 1842    | 2025    | 1642    | 1836    | 10.44  | cps   |
| Cadmium    | 111-1 | 1149    | 1124    | 1048    | 1107    | 4.74   | cps   |
| Cadmium    | 106-1 | 1642    | 1600    | 1492    | 1578    | 4.91   | cps   |
| Cadmium    | 108-1 | 13      | 13      | 13      | 13      | 0.00   | cps   |
| Calcium    | 43-1  | 71281   | 71598   | 69773   | 70884   | 1.38   | cps   |
| Calcium    | 44-1  | 1167459 | 1157306 | 1146138 | 1156968 | 0.92   | cps   |
| Chromium   | 52-2  | 370     | 290     | 277     | 312     | 16.17  | cps   |
| Cobalt     | 59-2  | 77      | 107     | 73      | 86      | 21.46  | cps   |
| Copper     | 63-2  | 312535  | 311912  | 311782  | 312076  | 0.13   | cps   |
| Dysprosium | 156-1 | 33      | 33      | 33      | 33      | 0.02   | cps   |
| Dysprosium | 156-2 | 17      | 10      | 7       | 11      | 45.82  | cps   |
| Erbium     | 164-1 | 67      | 67      | 92      | 75      | 19.24  | cps   |
| Erbium     | 164-2 | 7       | 23      | 30      | 20      | 60.08  | cps   |
| Gadolinium | 160-1 | 25      | 50      | 75      | 50      | 50.00  | cps   |
| Gadolinium | 160-2 | 50      | 63      | 80      | 64      | 23.32  | cps   |
| Holmium    | 165-1 | 8396410 | 8287359 | 8226262 | 8303344 | 1.04   | cps   |
| Holmium    | 165-2 | 3623469 | 3588451 | 3604554 | 3605491 | 0.49   | cps   |
| Indium     | 115-1 | 5816276 | 5740188 | 5697576 | 5751347 | 1.05   | cps   |
| Indium     | 115-2 | 1011435 | 1010759 | 1012384 | 1011526 | 0.08   | cps   |
| Iron       | 56-2  | 27701   | 26976   | 26842   | 27173   | 1.70   | cps   |
| Iron       | 57-2  | 933     | 961     | 911     | 935     | 2.68   | cps   |
| Lead       | 206-1 | 3228    | 2756    | 2950    | 2978    | 7.97   | cps   |
| Lead       | 207-1 | 2567    | 2317    | 2539    | 2474    | 5.54   | cps   |
| Lead       | 208-1 | 11669   | 11152   | 11752   | 11525   | 2.82   | cps   |
| Lithium    | 6-1   | 806510  | 796767  | 792781  | 798686  | 0.88   | cps   |
| Magnesium  | 24-2  | 98572   | 97424   | 99345   | 98447   | 0.98   | cps   |
| Manganese  | 55-2  | 7806    | 7685    | 7689    | 7727    | 0.88   | cps   |

|                         |                       |                   |                     |
|-------------------------|-----------------------|-------------------|---------------------|
| LB Number :             | LB88853               | Operator :        | Jaswal              |
| Lab Sample ID :         | I4279-05              | Instrumnet Name : | P7                  |
| Client Sample ID :      | DC3126-42-FL3-BR311-V | Dilution Factor : | 1                   |
| Date & Time Acquired :: | 2017-07-19 23:10:27   | DataFile Name :   | 170SMPL_P7071917 -M |

| Parameter  | Mass  | CPS1    | CPS2    | CPS3    | CPSMean | CPSRSD | Units |
|------------|-------|---------|---------|---------|---------|--------|-------|
| Molybdenum | 94-1  | 317     | 325     | 308     | 317     | 2.63   | cps   |
| Molybdenum | 95-1  | 50      | 100     | 108     | 86      | 36.64  | cps   |
| Molybdenum | 96-1  | 125     | 167     | 158     | 150     | 14.70  | cps   |
| Molybdenum | 97-1  | 92      | 125     | 117     | 111     | 15.61  | cps   |
| Molybdenum | 98-1  | 125     | 158     | 108     | 131     | 19.50  | cps   |
| Neodymium  | 150-1 | 0       | 40      | 33      | 24      | 87.67  | cps   |
| Neodymium  | 150-2 | 7       | 13      | 13      | 11      | 34.61  | cps   |
| Nickel     | 60-2  | 3737    | 3687    | 3587    | 3671    | 2.08   | cps   |
| Phosphorus | 31-2  | 1367    | 1358    | 1108    | 1278    | 11.49  | cps   |
| Potassium  | 39-2  | 65930   | 65210   | 65838   | 65659   | 0.60   | cps   |
| Rhodium    | 103-1 | 5023552 | 4934387 | 4908711 | 4955550 | 1.22   | cps   |
| Rhodium    | 103-2 | 2118021 | 2115525 | 2117590 | 2117045 | 0.06   | cps   |
| Scandium   | 45-1  | 2727029 | 2692639 | 2683671 | 2701113 | 0.85   | cps   |
| Scandium   | 45-2  | 111280  | 110928  | 110595  | 110934  | 0.31   | cps   |
| Selenium   | 77-2  | 0       | 3       | 0       | 1       | 173.21 | cps   |
| Selenium   | 78-2  | 44      | 35      | 44      | 41      | 12.91  | cps   |
| Selenium   | 82-1  | -20     | -21     | -5      | -15     | -59.64 | cps   |
| Silicon    | 28-1  | 2681475 | 2668733 | 2624779 | 2658329 | 1.12   | cps   |
| Silver     | 109-1 | 283     | 208     | 167     | 219     | 26.94  | cps   |
| Silver     | 107-1 | 317     | 258     | 183     | 253     | 26.44  | cps   |
| Sodium     | 23-2  | 1668918 | 1652366 | 1655263 | 1658849 | 0.53   | cps   |
| Strontium  | 86-1  | 33114   | 33005   | 33407   | 33175   | 0.63   | cps   |
| Strontium  | 88-1  | 293359  | 290874  | 287482  | 290572  | 1.02   | cps   |
| Sulfur     | 34-1  | 204056  | 206749  | 207567  | 206124  | 0.89   | cps   |
| Terbium    | 159-1 | 8617369 | 8525812 | 8458199 | 8533793 | 0.94   | cps   |
| Terbium    | 159-2 | 3525153 | 3506716 | 3537409 | 3523093 | 0.44   | cps   |
| Thallium   | 203-1 | 100     | 125     | 125     | 117     | 12.38  | cps   |
| Thallium   | 205-1 | 308     | 325     | 292     | 308     | 5.41   | cps   |
| Tin        | 118-1 | 1108    | 1117    | 1225    | 1150    | 5.66   | cps   |
| Titanium   | 47-1  | 292     | 367     | 283     | 314     | 14.62  | cps   |
| Uranium    | 238-1 | 225     | 200     | 283     | 236     | 18.11  | cps   |
| Vanadium   | 51-2  | 83      | 80      | 83      | 82      | 2.34   | cps   |
| Yttrium    | 89-1  | 5626030 | 5575479 | 5549626 | 5583712 | 0.70   | cps   |
| Yttrium    | 89-2  | 730320  | 727808  | 728959  | 729029  | 0.17   | cps   |
| Zinc       | 66-2  | 25165   | 24858   | 25636   | 25220   | 1.55   | cps   |
| Zirconium  | 90-1  | 692     | 542     | 433     | 556     | 23.35  | cps   |



|                         |                       |                   |                     |
|-------------------------|-----------------------|-------------------|---------------------|
| LB Number :             | LB88853               | Operator :        | Jaswal              |
| Lab Sample ID :         | I4279-05              | Instrumnet Name : | P7                  |
| Client Sample ID :      | DC3126-42-FL3-BR311-V | Dilution Factor : | 1                   |
| Date & Time Acquired :: | 2017-07-19 23:10:27   | DataFile Name :   | 170SMPL_P7071917 -M |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|-----------|------|------|------|------|---------|--------|-------|
| Zirconium | 91-1 | 150  | 117  | 150  | 139     | 13.86  | cps   |

|                         |                       |                   |                     |
|-------------------------|-----------------------|-------------------|---------------------|
| LB Number :             | LB88853               | Operator :        | Jaswal              |
| Lab Sample ID :         | I4279-06              | Instrumnet Name : | P7                  |
| Client Sample ID :      | DC3126-43-FL3-BR311-V | Dilution Factor : | 1                   |
| Date & Time Acquired :: | 2017-07-19 23:13:59   | DataFile Name :   | 171SMPL_P7071917 -M |

| Parameter  | Mass  | CPS1    | CPS2    | CPS3    | CPSMean | CPSRSD | Units |
|------------|-------|---------|---------|---------|---------|--------|-------|
| Aluminium  | 27-2  | 525     | 633     | 575     | 578     | 9.39   | cps   |
| Antimony   | 121-1 | 392     | 442     | 342     | 392     | 12.77  | cps   |
| Arsenic    | 75-2  | 61      | 67      | 57      | 62      | 7.55   | cps   |
| Barium     | 135-1 | 27712   | 27904   | 28380   | 27999   | 1.23   | cps   |
| Barium     | 137-1 | 48469   | 49322   | 47883   | 48558   | 1.49   | cps   |
| Beryllium  | 9-1   | 61      | 44      | 50      | 52      | 16.36  | cps   |
| Bismuth    | 209-1 | 5452807 | 5495505 | 5430780 | 5459697 | 0.60   | cps   |
| Bismuth    | 209-2 | 2977017 | 2932577 | 2954883 | 2954826 | 0.75   | cps   |
| Boron      | 10-1  | 292     | 308     | 292     | 297     | 3.24   | cps   |
| Boron      | 11-1  | 1825    | 2159    | 1792    | 1925    | 10.53  | cps   |
| Cadmium    | 111-1 | 1359    | 1248    | 1288    | 1299    | 4.34   | cps   |
| Cadmium    | 106-1 | 1942    | 1775    | 1825    | 1847    | 4.63   | cps   |
| Cadmium    | 108-1 | 0       | 4       | 8       | 4       | 99.96  | cps   |
| Calcium    | 43-1  | 70443   | 70468   | 71129   | 70680   | 0.55   | cps   |
| Calcium    | 44-1  | 1157492 | 1145013 | 1139373 | 1147293 | 0.81   | cps   |
| Chromium   | 52-2  | 317     | 330     | 397     | 348     | 12.32  | cps   |
| Cobalt     | 59-2  | 73      | 53      | 80      | 69      | 20.15  | cps   |
| Copper     | 63-2  | 226285  | 225127  | 224880  | 225430  | 0.33   | cps   |
| Dysprosium | 156-1 | 50      | 42      | 25      | 39      | 32.73  | cps   |
| Dysprosium | 156-2 | 23      | 17      | 13      | 18      | 28.64  | cps   |
| Erbium     | 164-1 | 100     | 58      | 75      | 78      | 26.96  | cps   |
| Erbium     | 164-2 | 40      | 23      | 23      | 29      | 33.32  | cps   |
| Gadolinium | 160-1 | 75      | 50      | 75      | 67      | 21.65  | cps   |
| Gadolinium | 160-2 | 60      | 63      | 117     | 80      | 39.75  | cps   |
| Holmium    | 165-1 | 8312934 | 8361537 | 8275718 | 8316730 | 0.52   | cps   |
| Holmium    | 165-2 | 3732684 | 3721199 | 3721719 | 3725201 | 0.17   | cps   |
| Indium     | 115-1 | 5743794 | 5749383 | 5700820 | 5731333 | 0.46   | cps   |
| Indium     | 115-2 | 1043926 | 1047713 | 1052049 | 1047896 | 0.39   | cps   |
| Iron       | 56-2  | 32575   | 29978   | 29130   | 30561   | 5.87   | cps   |
| Iron       | 57-2  | 939     | 922     | 1006    | 956     | 4.61   | cps   |
| Lead       | 206-1 | 3395    | 3339    | 3389    | 3375    | 0.91   | cps   |
| Lead       | 207-1 | 2584    | 2617    | 2606    | 2602    | 0.65   | cps   |
| Lead       | 208-1 | 12881   | 12697   | 12692   | 12756   | 0.84   | cps   |
| Lithium    | 6-1   | 796254  | 794701  | 789018  | 793324  | 0.48   | cps   |
| Magnesium  | 24-2  | 101165  | 102608  | 101543  | 101772  | 0.74   | cps   |
| Manganese  | 55-2  | 9136    | 8990    | 9066    | 9064    | 0.81   | cps   |

LB Number : LB88853 Operator : Jaswal  
 Lab Sample ID : I4279-06 Instrumnet Name : P7  
 Client Sample ID : DC3126-43-FL3-BR311-V Dilution Factor : 1  
 Date & Time Acquired :: 2017-07-19 23:13:59 DataFile Name : 171SMPL\_P7071917 -M

| Parameter  | Mass  | CPS1    | CPS2    | CPS3    | CPSMean | CPSRSD  | Units |
|------------|-------|---------|---------|---------|---------|---------|-------|
| Molybdenum | 94-1  | 342     | 333     | 308     | 328     | 5.29    | cps   |
| Molybdenum | 95-1  | 125     | 92      | 108     | 108     | 15.39   | cps   |
| Molybdenum | 96-1  | 175     | 158     | 208     | 181     | 14.10   | cps   |
| Molybdenum | 97-1  | 117     | 75      | 75      | 89      | 27.07   | cps   |
| Molybdenum | 98-1  | 158     | 142     | 208     | 169     | 20.48   | cps   |
| Neodymium  | 150-1 | 33      | 27      | 33      | 31      | 12.36   | cps   |
| Neodymium  | 150-2 | 0       | 23      | 10      | 11      | 105.35  | cps   |
| Nickel     | 60-2  | 1133    | 1233    | 1043    | 1137    | 8.36    | cps   |
| Phosphorus | 31-2  | 1317    | 1083    | 1283    | 1228    | 10.28   | cps   |
| Potassium  | 39-2  | 67412   | 68116   | 66307   | 67278   | 1.36    | cps   |
| Rhodium    | 103-1 | 4955626 | 4968159 | 4905698 | 4943161 | 0.67    | cps   |
| Rhodium    | 103-2 | 2202581 | 2187149 | 2207643 | 2199124 | 0.49    | cps   |
| Scandium   | 45-1  | 2699829 | 2701462 | 2670679 | 2690657 | 0.64    | cps   |
| Scandium   | 45-2  | 111975  | 113614  | 114780  | 113457  | 1.24    | cps   |
| Selenium   | 77-2  | 0       | 0       | 0       | 0       | 0.00    | cps   |
| Selenium   | 78-2  | 59      | 61      | 43      | 54      | 18.78   | cps   |
| Selenium   | 82-1  | 17      | -49     | 5       | -9      | -386.92 | cps   |
| Silicon    | 28-1  | 2661703 | 2660636 | 2653182 | 2658507 | 0.17    | cps   |
| Silver     | 109-1 | 258     | 450     | 392     | 367     | 26.80   | cps   |
| Silver     | 107-1 | 375     | 417     | 458     | 417     | 10.00   | cps   |
| Sodium     | 23-2  | 1714471 | 1704427 | 1695538 | 1704812 | 0.56    | cps   |
| Strontium  | 86-1  | 34000   | 33415   | 33206   | 33540   | 1.23    | cps   |
| Strontium  | 88-1  | 290241  | 292261  | 289880  | 290794  | 0.44    | cps   |
| Sulfur     | 34-1  | 209131  | 212124  | 211820  | 211025  | 0.78    | cps   |
| Terbium    | 159-1 | 8521512 | 8504236 | 8413695 | 8479814 | 0.68    | cps   |
| Terbium    | 159-2 | 3654776 | 3648875 | 3641731 | 3648461 | 0.18    | cps   |
| Thallium   | 203-1 | 75      | 142     | 125     | 114     | 30.46   | cps   |
| Thallium   | 205-1 | 333     | 300     | 283     | 306     | 8.33    | cps   |
| Tin        | 118-1 | 508     | 558     | 658     | 575     | 13.28   | cps   |
| Titanium   | 47-1  | 342     | 400     | 300     | 347     | 14.47   | cps   |
| Uranium    | 238-1 | 142     | 242     | 250     | 211     | 28.56   | cps   |
| Vanadium   | 51-2  | 77      | 90      | 73      | 80      | 11.02   | cps   |
| Yttrium    | 89-1  | 5596860 | 5609806 | 5549076 | 5585247 | 0.57    | cps   |
| Yttrium    | 89-2  | 754990  | 753693  | 756593  | 755092  | 0.19    | cps   |
| Zinc       | 66-2  | 8806    | 9200    | 8933    | 8980    | 2.24    | cps   |
| Zirconium  | 90-1  | 667     | 625     | 592     | 628     | 5.99    | cps   |

|                         |                       |                   |                     |
|-------------------------|-----------------------|-------------------|---------------------|
| LB Number :             | LB88853               | Operator :        | Jaswal              |
| Lab Sample ID :         | I4279-06              | Instrumnet Name : | P7                  |
| Client Sample ID :      | DC3126-43-FL3-BR311-V | Dilution Factor : | 1                   |
| Date & Time Acquired :: | 2017-07-19 23:13:59   | DataFile Name :   | 171SMPL_P7071917 -M |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|-----------|------|------|------|------|---------|--------|-------|
| Zirconium | 91-1 | 192  | 175  | 150  | 172     | 12.18  | cps   |

|                         |                       |                   |                     |
|-------------------------|-----------------------|-------------------|---------------------|
| LB Number :             | LB88853               | Operator :        | Jaswal              |
| Lab Sample ID :         | I4279-07              | Instrumnet Name : | P7                  |
| Client Sample ID :      | DC3126-44-FL3-CL309-V | Dilution Factor : | 1                   |
| Date & Time Acquired :: | 2017-07-19 23:17:31   | DataFile Name :   | 172SMPL_P7071917 -M |

| Parameter  | Mass  | CPS1    | CPS2    | CPS3    | CPSMean | CPSRSD | Units |
|------------|-------|---------|---------|---------|---------|--------|-------|
| Aluminium  | 27-2  | 42      | 100     | 83      | 75      | 40.06  | cps   |
| Antimony   | 121-1 | 75      | 58      | 67      | 67      | 12.49  | cps   |
| Arsenic    | 75-2  | 6       | 2       | 6       | 4       | 49.54  | cps   |
| Barium     | 135-1 | 175     | 142     | 142     | 153     | 12.60  | cps   |
| Barium     | 137-1 | 250     | 292     | 200     | 247     | 18.56  | cps   |
| Beryllium  | 9-1   | 33      | 56      | 39      | 43      | 27.16  | cps   |
| Bismuth    | 209-1 | 5587521 | 5458417 | 5172897 | 5406278 | 3.92   | cps   |
| Bismuth    | 209-2 | 2978293 | 2980264 | 2965097 | 2974551 | 0.28   | cps   |
| Boron      | 10-1  | 392     | 308     | 458     | 386     | 19.46  | cps   |
| Boron      | 11-1  | 1759    | 2067    | 1917    | 1914    | 8.06   | cps   |
| Cadmium    | 111-1 | 1307    | 1182    | 1183    | 1224    | 5.87   | cps   |
| Cadmium    | 106-1 | 1867    | 1684    | 1692    | 1747    | 5.93   | cps   |
| Cadmium    | 108-1 | 0       | 13      | 8       | 7       | 91.66  | cps   |
| Calcium    | 43-1  | 108680  | 106825  | 106204  | 107236  | 1.20   | cps   |
| Calcium    | 44-1  | 1757872 | 1742961 | 1747110 | 1749314 | 0.44   | cps   |
| Chromium   | 52-2  | 353     | 360     | 417     | 377     | 9.24   | cps   |
| Cobalt     | 59-2  | 40      | 57      | 50      | 49      | 17.16  | cps   |
| Copper     | 63-2  | 593     | 690     | 580     | 621     | 9.67   | cps   |
| Dysprosium | 156-1 | 8       | 0       | 0       | 3       | 173.21 | cps   |
| Dysprosium | 156-2 | 0       | 7       | 3       | 3       | 100.05 | cps   |
| Erbium     | 164-1 | 8       | 17      | 25      | 17      | 50.01  | cps   |
| Erbium     | 164-2 | 10      | 10      | 10      | 10      | 0.00   | cps   |
| Gadolinium | 160-1 | 17      | 42      | 33      | 31      | 41.66  | cps   |
| Gadolinium | 160-2 | 57      | 53      | 63      | 58      | 8.81   | cps   |
| Holmium    | 165-1 | 8316919 | 8284223 | 8078581 | 8226575 | 1.57   | cps   |
| Holmium    | 165-2 | 3735386 | 3721823 | 3735220 | 3730810 | 0.21   | cps   |
| Indium     | 115-1 | 5824203 | 5761689 | 5520205 | 5702033 | 2.82   | cps   |
| Indium     | 115-2 | 1062377 | 1053827 | 1053655 | 1056620 | 0.47   | cps   |
| Iron       | 56-2  | 3762    | 3606    | 3628    | 3665    | 2.30   | cps   |
| Iron       | 57-2  | 350     | 317     | 394     | 354     | 11.03  | cps   |
| Lead       | 206-1 | 1061    | 989     | 1011    | 1020    | 3.63   | cps   |
| Lead       | 207-1 | 1017    | 911     | 883     | 937     | 7.51   | cps   |
| Lead       | 208-1 | 4200    | 4084    | 4128    | 4137    | 1.42   | cps   |
| Lithium    | 6-1   | 805756  | 797976  | 780403  | 794712  | 1.63   | cps   |
| Magnesium  | 24-2  | 287228  | 291269  | 287045  | 288514  | 0.83   | cps   |
| Manganese  | 55-2  | 393     | 340     | 323     | 352     | 10.38  | cps   |

LB Number : LB88853 Operator : Jaswal  
 Lab Sample ID : I4279-07 Instrumnet Name : P7  
 Client Sample ID : DC3126-44-FL3-CL309-V Dilution Factor : 1  
 Date & Time Acquired :: 2017-07-19 23:17:31 DataFile Name : 172SMPL\_P7071917 -M

| Parameter  | Mass  | CPS1    | CPS2    | CPS3    | CPSMean | CPSRSD  | Units |
|------------|-------|---------|---------|---------|---------|---------|-------|
| Molybdenum | 94-1  | 108     | 200     | 100     | 136     | 40.76   | cps   |
| Molybdenum | 95-1  | 25      | 58      | 33      | 39      | 44.62   | cps   |
| Molybdenum | 96-1  | 108     | 42      | 25      | 58      | 75.59   | cps   |
| Molybdenum | 97-1  | 83      | 50      | 33      | 56      | 45.83   | cps   |
| Molybdenum | 98-1  | 17      | 17      | 8       | 14      | 34.67   | cps   |
| Neodymium  | 150-1 | 0       | 7       | 0       | 2       | 173.21  | cps   |
| Neodymium  | 150-2 | 0       | 0       | 0       | 0       | 0.00    | cps   |
| Nickel     | 60-2  | 220     | 213     | 217     | 217     | 1.54    | cps   |
| Phosphorus | 31-2  | 158     | 75      | 108     | 114     | 36.83   | cps   |
| Potassium  | 39-2  | 22092   | 21742   | 21959   | 21931   | 0.81    | cps   |
| Rhodium    | 103-1 | 5007206 | 4967997 | 4781712 | 4918972 | 2.45    | cps   |
| Rhodium    | 103-2 | 2226932 | 2215289 | 2214706 | 2218976 | 0.31    | cps   |
| Scandium   | 45-1  | 2733525 | 2715262 | 2607948 | 2685578 | 2.53    | cps   |
| Scandium   | 45-2  | 116883  | 117784  | 118368  | 117678  | 0.64    | cps   |
| Selenium   | 77-2  | 0       | 0       | 0       | 0       | 0.00    | cps   |
| Selenium   | 78-2  | 41      | 39      | 43      | 41      | 4.54    | cps   |
| Selenium   | 82-1  | 3       | -13     | -31     | -14     | -126.06 | cps   |
| Silicon    | 28-1  | 215304  | 212666  | 213253  | 213741  | 0.65    | cps   |
| Silver     | 109-1 | 75      | 100     | 75      | 83      | 17.33   | cps   |
| Silver     | 107-1 | 108     | 117     | 108     | 111     | 4.33    | cps   |
| Sodium     | 23-2  | 1144638 | 1138677 | 1139932 | 1141082 | 0.28    | cps   |
| Strontium  | 86-1  | 2134    | 2292    | 2142    | 2189    | 4.07    | cps   |
| Strontium  | 88-1  | 14550   | 14792   | 14199   | 14513   | 2.05    | cps   |
| Sulfur     | 34-1  | 265358  | 268294  | 264129  | 265927  | 0.80    | cps   |
| Terbium    | 159-1 | 8533538 | 8478968 | 8123974 | 8378827 | 2.65    | cps   |
| Terbium    | 159-2 | 3682148 | 3670575 | 3663060 | 3671927 | 0.26    | cps   |
| Thallium   | 203-1 | 92      | 142     | 142     | 125     | 23.09   | cps   |
| Thallium   | 205-1 | 183     | 217     | 267     | 222     | 18.88   | cps   |
| Tin        | 118-1 | 208     | 283     | 242     | 244     | 15.37   | cps   |
| Titanium   | 47-1  | 58      | 25      | 133     | 72      | 76.83   | cps   |
| Uranium    | 238-1 | 8       | 33      | 42      | 28      | 62.46   | cps   |
| Vanadium   | 51-2  | 10      | 13      | 27      | 17      | 52.93   | cps   |
| Yttrium    | 89-1  | 5660023 | 5624387 | 5424457 | 5569622 | 2.28    | cps   |
| Yttrium    | 89-2  | 766751  | 759797  | 766962  | 764503  | 0.53    | cps   |
| Zinc       | 66-2  | 137     | 143     | 143     | 141     | 2.73    | cps   |
| Zirconium  | 90-1  | 342     | 233     | 275     | 283     | 19.29   | cps   |

|                         |                       |                   |                     |
|-------------------------|-----------------------|-------------------|---------------------|
| LB Number :             | LB88853               | Operator :        | Jaswal              |
| Lab Sample ID :         | I4279-07              | Instrumnet Name : | P7                  |
| Client Sample ID :      | DC3126-44-FL3-CL309-V | Dilution Factor : | 1                   |
| Date & Time Acquired :: | 2017-07-19 23:17:31   | DataFile Name :   | 172SMPL_P7071917 -M |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|-----------|------|------|------|------|---------|--------|-------|
| Zirconium | 91-1 | 58   | 67   | 0    | 42      | 87.18  | cps   |

LB Number : LB88853 Operator : Jaswal  
 Lab Sample ID : I4279-08 Instrumnet Name : P7  
 Client Sample ID : DC3126-45-FL3-CL309-V Dilution Factor : 1  
 Date & Time Acquired :: 2017-07-19 23:21:03 DataFile Name : 173SMPL\_P7071917 -M

| Parameter  | Mass  | CPS1    | CPS2    | CPS3    | CPSMean | CPSRSD | Units |
|------------|-------|---------|---------|---------|---------|--------|-------|
| Aluminium  | 27-2  | 83      | 50      | 67      | 67      | 25.00  | cps   |
| Antimony   | 121-1 | 50      | 25      | 42      | 39      | 32.73  | cps   |
| Arsenic    | 75-2  | 9       | 4       | 6       | 6       | 45.85  | cps   |
| Barium     | 135-1 | 167     | 192     | 158     | 172     | 10.07  | cps   |
| Barium     | 137-1 | 242     | 383     | 250     | 292     | 27.25  | cps   |
| Beryllium  | 9-1   | 72      | 17      | 50      | 46      | 60.39  | cps   |
| Bismuth    | 209-1 | 5513705 | 5505421 | 5480307 | 5499811 | 0.32   | cps   |
| Bismuth    | 209-2 | 2936022 | 3014555 | 2965716 | 2972098 | 1.33   | cps   |
| Boron      | 10-1  | 433     | 392     | 467     | 431     | 8.73   | cps   |
| Boron      | 11-1  | 2050    | 2100    | 2084    | 2078    | 1.23   | cps   |
| Cadmium    | 111-1 | 1225    | 1181    | 1165    | 1191    | 2.61   | cps   |
| Cadmium    | 106-1 | 1750    | 1692    | 1659    | 1700    | 2.73   | cps   |
| Cadmium    | 108-1 | 0       | 4       | 0       | 1       | 173.21 | cps   |
| Calcium    | 43-1  | 110569  | 106892  | 105541  | 107668  | 2.42   | cps   |
| Calcium    | 44-1  | 1781055 | 1757441 | 1740042 | 1759513 | 1.17   | cps   |
| Chromium   | 52-2  | 350     | 447     | 367     | 388     | 13.33  | cps   |
| Cobalt     | 59-2  | 73      | 47      | 30      | 50      | 43.72  | cps   |
| Copper     | 63-2  | 603     | 577     | 567     | 582     | 3.26   | cps   |
| Dysprosium | 156-1 | 17      | 8       | 8       | 11      | 43.34  | cps   |
| Dysprosium | 156-2 | 0       | 0       | 7       | 2       | 173.21 | cps   |
| Erbium     | 164-1 | 33      | 58      | 8       | 33      | 75.02  | cps   |
| Erbium     | 164-2 | 20      | 13      | 10      | 14      | 35.26  | cps   |
| Gadolinium | 160-1 | 42      | 17      | 8       | 22      | 78.07  | cps   |
| Gadolinium | 160-2 | 50      | 57      | 37      | 48      | 21.31  | cps   |
| Holmium    | 165-1 | 8418937 | 8447844 | 8252414 | 8373065 | 1.26   | cps   |
| Holmium    | 165-2 | 3717858 | 3796995 | 3753904 | 3756252 | 1.05   | cps   |
| Indium     | 115-1 | 5886286 | 5792204 | 5788177 | 5822222 | 0.95   | cps   |
| Indium     | 115-2 | 1054578 | 1074272 | 1066011 | 1064954 | 0.93   | cps   |
| Iron       | 56-2  | 3095    | 2861    | 2950    | 2969    | 3.97   | cps   |
| Iron       | 57-2  | 411     | 350     | 411     | 391     | 9.03   | cps   |
| Lead       | 206-1 | 1067    | 867     | 950     | 961     | 10.45  | cps   |
| Lead       | 207-1 | 956     | 794     | 956     | 902     | 10.31  | cps   |
| Lead       | 208-1 | 4278    | 3650    | 4050    | 3993    | 7.96   | cps   |
| Lithium    | 6-1   | 816321  | 805960  | 803291  | 808524  | 0.85   | cps   |
| Magnesium  | 24-2  | 290615  | 286772  | 289649  | 289012  | 0.69   | cps   |
| Manganese  | 55-2  | 310     | 293     | 337     | 313     | 6.98   | cps   |



|                         |                       |                   |                     |
|-------------------------|-----------------------|-------------------|---------------------|
| LB Number :             | LB88853               | Operator :        | Jaswal              |
| Lab Sample ID :         | I4279-08              | Instrumnet Name : | P7                  |
| Client Sample ID :      | DC3126-45-FL3-CL309-V | Dilution Factor : | 1                   |
| Date & Time Acquired :: | 2017-07-19 23:21:03   | DataFile Name :   | 173SMPL_P7071917 -M |

| Parameter  | Mass  | CPS1    | CPS2    | CPS3    | CPSMean | CPSRSD  | Units |
|------------|-------|---------|---------|---------|---------|---------|-------|
| Molybdenum | 94-1  | 117     | 67      | 158     | 114     | 40.30   | cps   |
| Molybdenum | 95-1  | 33      | 0       | 0       | 11      | 173.21  | cps   |
| Molybdenum | 96-1  | 0       | 25      | 25      | 17      | 86.60   | cps   |
| Molybdenum | 97-1  | 33      | 8       | 42      | 28      | 62.46   | cps   |
| Molybdenum | 98-1  | 25      | 0       | 42      | 22      | 94.38   | cps   |
| Neodymium  | 150-1 | 0       | 0       | 0       | 0       | 0.00    | cps   |
| Neodymium  | 150-2 | 0       | 0       | 0       | 0       | 0.00    | cps   |
| Nickel     | 60-2  | 250     | 243     | 237     | 243     | 2.74    | cps   |
| Phosphorus | 31-2  | 75      | 58      | 75      | 69      | 13.85   | cps   |
| Potassium  | 39-2  | 22460   | 22209   | 21258   | 21975   | 2.89    | cps   |
| Rhodium    | 103-1 | 5067528 | 4999621 | 4986636 | 5017928 | 0.87    | cps   |
| Rhodium    | 103-2 | 2222216 | 2255847 | 2237110 | 2238391 | 0.75    | cps   |
| Scandium   | 45-1  | 2766645 | 2748238 | 2758375 | 2757752 | 0.33    | cps   |
| Scandium   | 45-2  | 115899  | 118751  | 117645  | 117432  | 1.22    | cps   |
| Selenium   | 77-2  | 0       | 0       | 0       | 0       | 0.00    | cps   |
| Selenium   | 78-2  | 46      | 44      | 44      | 45      | 2.38    | cps   |
| Selenium   | 82-1  | 8       | -48     | -98     | -46     | -114.62 | cps   |
| Silicon    | 28-1  | 214942  | 214526  | 214823  | 214764  | 0.10    | cps   |
| Silver     | 109-1 | 108     | 108     | 117     | 111     | 4.33    | cps   |
| Silver     | 107-1 | 125     | 100     | 83      | 103     | 20.40   | cps   |
| Sodium     | 23-2  | 1141691 | 1145482 | 1133455 | 1140209 | 0.54    | cps   |
| Strontium  | 86-1  | 2409    | 2575    | 2417    | 2467    | 3.81    | cps   |
| Strontium  | 88-1  | 15209   | 14950   | 15075   | 15078   | 0.86    | cps   |
| Sulfur     | 34-1  | 263933  | 264406  | 263906  | 264081  | 0.11    | cps   |
| Terbium    | 159-1 | 8636869 | 8512733 | 8566432 | 8572011 | 0.73    | cps   |
| Terbium    | 159-2 | 3649056 | 3726153 | 3681406 | 3685538 | 1.05    | cps   |
| Thallium   | 203-1 | 100     | 117     | 92      | 103     | 12.39   | cps   |
| Thallium   | 205-1 | 267     | 308     | 267     | 281     | 8.57    | cps   |
| Tin        | 118-1 | 208     | 242     | 292     | 247     | 16.96   | cps   |
| Titanium   | 47-1  | 25      | 67      | 83      | 58      | 51.51   | cps   |
| Uranium    | 238-1 | 17      | 42      | 42      | 33      | 43.30   | cps   |
| Vanadium   | 51-2  | 20      | 23      | 20      | 21      | 9.11    | cps   |
| Yttrium    | 89-1  | 5754279 | 5747057 | 5697183 | 5732840 | 0.54    | cps   |
| Yttrium    | 89-2  | 760899  | 779612  | 773022  | 771178  | 1.23    | cps   |
| Zinc       | 66-2  | 133     | 127     | 147     | 136     | 7.51    | cps   |
| Zirconium  | 90-1  | 325     | 233     | 367     | 308     | 22.12   | cps   |

|                         |                       |                   |                     |
|-------------------------|-----------------------|-------------------|---------------------|
| LB Number :             | LB88853               | Operator :        | Jaswal              |
| Lab Sample ID :         | I4279-08              | Instrumnet Name : | P7                  |
| Client Sample ID :      | DC3126-45-FL3-CL309-V | Dilution Factor : | 1                   |
| Date & Time Acquired :: | 2017-07-19 23:21:03   | DataFile Name :   | 173SMPL_P7071917 -M |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|-----------|------|------|------|------|---------|--------|-------|
| Zirconium | 91-1 | 50   | 75   | 50   | 58      | 24.74  | cps   |

LB Number : LB88853 Operator : Jaswal  
 Lab Sample ID : I4279-09 Instrumnet Name : P7  
 Client Sample ID : DC3126-46-FL3-CL309-V Dilution Factor : 1  
 Date & Time Acquired :: 2017-07-19 23:24:34 DataFile Name : 174SMPL\_P7071917 -M

| Parameter  | Mass  | CPS1    | CPS2    | CPS3    | CPSMean | CPSRSD | Units |
|------------|-------|---------|---------|---------|---------|--------|-------|
| Aluminium  | 27-2  | 342     | 317     | 250     | 303     | 15.65  | cps   |
| Antimony   | 121-1 | 442     | 308     | 375     | 375     | 17.78  | cps   |
| Arsenic    | 75-2  | 50      | 26      | 41      | 39      | 31.22  | cps   |
| Barium     | 135-1 | 25983   | 25524   | 25566   | 25691   | 0.99   | cps   |
| Barium     | 137-1 | 45709   | 46161   | 44180   | 45350   | 2.29   | cps   |
| Beryllium  | 9-1   | 56      | 61      | 39      | 52      | 22.30  | cps   |
| Bismuth    | 209-1 | 5471071 | 5345188 | 5356071 | 5390777 | 1.29   | cps   |
| Bismuth    | 209-2 | 2987202 | 3017648 | 3008000 | 3004283 | 0.52   | cps   |
| Boron      | 10-1  | 400     | 417     | 500     | 439     | 12.21  | cps   |
| Boron      | 11-1  | 2167    | 1700    | 2117    | 1995    | 12.85  | cps   |
| Cadmium    | 111-1 | 1426    | 1324    | 1337    | 1363    | 4.09   | cps   |
| Cadmium    | 106-1 | 2025    | 1867    | 1859    | 1917    | 4.90   | cps   |
| Cadmium    | 108-1 | 29      | 17      | 8       | 18      | 58.09  | cps   |
| Calcium    | 43-1  | 71565   | 71565   | 71180   | 71437   | 0.31   | cps   |
| Calcium    | 44-1  | 1166004 | 1156197 | 1144844 | 1155682 | 0.92   | cps   |
| Chromium   | 52-2  | 270     | 307     | 280     | 286     | 6.64   | cps   |
| Cobalt     | 59-2  | 203     | 220     | 197     | 207     | 5.82   | cps   |
| Copper     | 63-2  | 462245  | 459751  | 461077  | 461025  | 0.27   | cps   |
| Dysprosium | 156-1 | 17      | 25      | 17      | 19      | 24.73  | cps   |
| Dysprosium | 156-2 | 20      | 13      | 23      | 19      | 26.96  | cps   |
| Erbium     | 164-1 | 42      | 58      | 17      | 39      | 53.93  | cps   |
| Erbium     | 164-2 | 23      | 23      | 13      | 20      | 28.87  | cps   |
| Gadolinium | 160-1 | 75      | 50      | 42      | 56      | 31.22  | cps   |
| Gadolinium | 160-2 | 53      | 47      | 67      | 56      | 18.33  | cps   |
| Holmium    | 165-1 | 8310647 | 8152689 | 8162518 | 8208618 | 1.08   | cps   |
| Holmium    | 165-2 | 3741215 | 3766808 | 3773182 | 3760402 | 0.45   | cps   |
| Indium     | 115-1 | 5842020 | 5663488 | 5668991 | 5724833 | 1.77   | cps   |
| Indium     | 115-2 | 1060194 | 1065885 | 1062211 | 1062763 | 0.27   | cps   |
| Iron       | 56-2  | 23041   | 26985   | 22590   | 24206   | 9.99   | cps   |
| Iron       | 57-2  | 900     | 761     | 789     | 817     | 9.00   | cps   |
| Lead       | 206-1 | 1917    | 1995    | 2128    | 2013    | 5.30   | cps   |
| Lead       | 207-1 | 1834    | 1645    | 1461    | 1646    | 11.31  | cps   |
| Lead       | 208-1 | 7868    | 7762    | 7534    | 7722    | 2.21   | cps   |
| Lithium    | 6-1   | 804452  | 790046  | 784232  | 792910  | 1.31   | cps   |
| Magnesium  | 24-2  | 105377  | 106896  | 102330  | 104868  | 2.22   | cps   |
| Manganese  | 55-2  | 5198    | 5508    | 5554    | 5420    | 3.58   | cps   |

|                         |                       |                   |                     |
|-------------------------|-----------------------|-------------------|---------------------|
| LB Number :             | LB88853               | Operator :        | Jaswal              |
| Lab Sample ID :         | I4279-09              | Instrumnet Name : | P7                  |
| Client Sample ID :      | DC3126-46-FL3-CL309-V | Dilution Factor : | 1                   |
| Date & Time Acquired :: | 2017-07-19 23:24:34   | DataFile Name :   | 174SMPL_P7071917 -M |

| Parameter  | Mass  | CPS1    | CPS2    | CPS3    | CPSMean | CPSRSD  | Units |
|------------|-------|---------|---------|---------|---------|---------|-------|
| Molybdenum | 94-1  | 267     | 258     | 300     | 275     | 8.02    | cps   |
| Molybdenum | 95-1  | 142     | 108     | 117     | 122     | 14.19   | cps   |
| Molybdenum | 96-1  | 192     | 192     | 175     | 186     | 5.17    | cps   |
| Molybdenum | 97-1  | 83      | 50      | 42      | 58      | 37.80   | cps   |
| Molybdenum | 98-1  | 175     | 208     | 208     | 197     | 9.76    | cps   |
| Neodymium  | 150-1 | 20      | 13      | 40      | 24      | 56.78   | cps   |
| Neodymium  | 150-2 | 10      | 3       | 0       | 4       | 114.60  | cps   |
| Nickel     | 60-2  | 1693    | 1703    | 1733    | 1710    | 1.22    | cps   |
| Phosphorus | 31-2  | 1133    | 1325    | 858     | 1106    | 21.22   | cps   |
| Potassium  | 39-2  | 68551   | 68810   | 69597   | 68986   | 0.79    | cps   |
| Rhodium    | 103-1 | 5031031 | 4938355 | 4890148 | 4953178 | 1.45    | cps   |
| Rhodium    | 103-2 | 2237573 | 2229408 | 2231948 | 2232976 | 0.19    | cps   |
| Scandium   | 45-1  | 2769118 | 2712754 | 2643910 | 2708594 | 2.32    | cps   |
| Scandium   | 45-2  | 117121  | 116396  | 117619  | 117045  | 0.53    | cps   |
| Selenium   | 77-2  | 3       | 0       | 0       | 1       | 173.21  | cps   |
| Selenium   | 78-2  | 39      | 39      | 39      | 39      | 0.00    | cps   |
| Selenium   | 82-1  | -19     | -43     | 3       | -20     | -115.42 | cps   |
| Silicon    | 28-1  | 2847587 | 2815764 | 2832726 | 2832026 | 0.56    | cps   |
| Silver     | 109-1 | 142     | 192     | 158     | 164     | 15.54   | cps   |
| Silver     | 107-1 | 183     | 192     | 167     | 181     | 7.05    | cps   |
| Sodium     | 23-2  | 1696642 | 1714466 | 1695281 | 1702130 | 0.63    | cps   |
| Strontium  | 86-1  | 32705   | 33356   | 32797   | 32953   | 1.07    | cps   |
| Strontium  | 88-1  | 288965  | 283921  | 285575  | 286154  | 0.90    | cps   |
| Sulfur     | 34-1  | 211314  | 212791  | 212106  | 212070  | 0.35    | cps   |
| Terbium    | 159-1 | 8588932 | 8416019 | 8328998 | 8444650 | 1.57    | cps   |
| Terbium    | 159-2 | 3660004 | 3691892 | 3705553 | 3685816 | 0.63    | cps   |
| Thallium   | 203-1 | 108     | 92      | 217     | 139     | 48.87   | cps   |
| Thallium   | 205-1 | 375     | 317     | 333     | 342     | 8.79    | cps   |
| Tin        | 118-1 | 992     | 842     | 817     | 883     | 10.72   | cps   |
| Titanium   | 47-1  | 283     | 325     | 342     | 317     | 9.49    | cps   |
| Uranium    | 238-1 | 142     | 167     | 142     | 150     | 9.63    | cps   |
| Vanadium   | 51-2  | 60      | 63      | 73      | 66      | 10.58   | cps   |
| Yttrium    | 89-1  | 5714622 | 5596738 | 5528789 | 5613383 | 1.68    | cps   |
| Yttrium    | 89-2  | 766996  | 773568  | 774864  | 771809  | 0.55    | cps   |
| Zinc       | 66-2  | 98831   | 98623   | 97915   | 98457   | 0.49    | cps   |
| Zirconium  | 90-1  | 725     | 617     | 633     | 658     | 8.86    | cps   |

|                         |                       |                   |                     |
|-------------------------|-----------------------|-------------------|---------------------|
| LB Number :             | LB88853               | Operator :        | Jaswal              |
| Lab Sample ID :         | I4279-09              | Instrumnet Name : | P7                  |
| Client Sample ID :      | DC3126-46-FL3-CL309-V | Dilution Factor : | 1                   |
| Date & Time Acquired :: | 2017-07-19 23:24:34   | DataFile Name :   | 174SMPL_P7071917 -M |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|-----------|------|------|------|------|---------|--------|-------|
| Zirconium | 91-1 | 133  | 133  | 183  | 150     | 19.24  | cps   |

LB Number : LB88853 Operator : Jaswal  
 Lab Sample ID : I4279-10 Instrumnet Name : P7  
 Client Sample ID : DC3126-47-FL3-CL309-V Dilution Factor : 1  
 Date & Time Acquired :: 2017-07-19 23:28:06 DataFile Name : 175SMPL\_P7071917 -M

| Parameter  | Mass  | CPS1    | CPS2    | CPS3    | CPSMean | CPSRSD | Units |
|------------|-------|---------|---------|---------|---------|--------|-------|
| Aluminium  | 27-2  | 600     | 508     | 483     | 531     | 11.58  | cps   |
| Antimony   | 121-1 | 525     | 483     | 450     | 486     | 7.73   | cps   |
| Arsenic    | 75-2  | 56      | 54      | 44      | 51      | 11.63  | cps   |
| Barium     | 135-1 | 28021   | 26318   | 26852   | 27063   | 3.22   | cps   |
| Barium     | 137-1 | 48034   | 46521   | 45877   | 46811   | 2.37   | cps   |
| Beryllium  | 9-1   | 39      | 78      | 50      | 56      | 36.06  | cps   |
| Bismuth    | 209-1 | 5412189 | 5309075 | 5390249 | 5370504 | 1.01   | cps   |
| Bismuth    | 209-2 | 2940772 | 2938051 | 2949304 | 2942709 | 0.20   | cps   |
| Boron      | 10-1  | 300     | 358     | 342     | 333     | 9.01   | cps   |
| Boron      | 11-1  | 1900    | 1950    | 1917    | 1922    | 1.32   | cps   |
| Cadmium    | 111-1 | 1317    | 1253    | 1188    | 1252    | 5.14   | cps   |
| Cadmium    | 106-1 | 1842    | 1800    | 1684    | 1775    | 4.62   | cps   |
| Cadmium    | 108-1 | 8       | 17      | 4       | 10      | 65.47  | cps   |
| Calcium    | 43-1  | 72678   | 71171   | 71658   | 71836   | 1.07   | cps   |
| Calcium    | 44-1  | 1170695 | 1165760 | 1158679 | 1165045 | 0.52   | cps   |
| Chromium   | 52-2  | 337     | 340     | 343     | 340     | 0.98   | cps   |
| Cobalt     | 59-2  | 107     | 80      | 103     | 97      | 15.03  | cps   |
| Copper     | 63-2  | 200451  | 198290  | 199898  | 199546  | 0.56   | cps   |
| Dysprosium | 156-1 | 58      | 33      | 0       | 31      | 95.79  | cps   |
| Dysprosium | 156-2 | 10      | 13      | 10      | 11      | 17.30  | cps   |
| Erbium     | 164-1 | 0       | 58      | 58      | 39      | 86.60  | cps   |
| Erbium     | 164-2 | 17      | 20      | 30      | 22      | 31.22  | cps   |
| Gadolinium | 160-1 | 83      | 75      | 92      | 83      | 10.00  | cps   |
| Gadolinium | 160-2 | 87      | 70      | 53      | 70      | 23.81  | cps   |
| Holmium    | 165-1 | 8266196 | 8189776 | 8188018 | 8214663 | 0.54   | cps   |
| Holmium    | 165-2 | 3753900 | 3707858 | 3730240 | 3730666 | 0.62   | cps   |
| Indium     | 115-1 | 5802636 | 5654922 | 5685234 | 5714264 | 1.37   | cps   |
| Indium     | 115-2 | 1050701 | 1056141 | 1048197 | 1051680 | 0.39   | cps   |
| Iron       | 56-2  | 30131   | 32116   | 38494   | 33580   | 13.01  | cps   |
| Iron       | 57-2  | 1067    | 1011    | 1006    | 1028    | 3.29   | cps   |
| Lead       | 206-1 | 2100    | 2111    | 2189    | 2134    | 2.27   | cps   |
| Lead       | 207-1 | 1722    | 1895    | 1939    | 1852    | 6.18   | cps   |
| Lead       | 208-1 | 8540    | 8635    | 8479    | 8551    | 0.92   | cps   |
| Lithium    | 6-1   | 792691  | 790010  | 784242  | 788981  | 0.55   | cps   |
| Magnesium  | 24-2  | 102323  | 102540  | 102305  | 102390  | 0.13   | cps   |
| Manganese  | 55-2  | 9473    | 9200    | 9383    | 9352    | 1.49   | cps   |

LB Number : LB88853 Operator : Jaswal  
 Lab Sample ID : I4279-10 Instrumnet Name : P7  
 Client Sample ID : DC3126-47-FL3-CL309-V Dilution Factor : 1  
 Date & Time Acquired :: 2017-07-19 23:28:06 DataFile Name : 175SMPL\_P7071917 -M

| Parameter  | Mass  | CPS1    | CPS2    | CPS3    | CPSMean | CPSRSD | Units |
|------------|-------|---------|---------|---------|---------|--------|-------|
| Molybdenum | 94-1  | 333     | 183     | 308     | 275     | 29.22  | cps   |
| Molybdenum | 95-1  | 125     | 100     | 167     | 131     | 25.80  | cps   |
| Molybdenum | 96-1  | 167     | 217     | 150     | 178     | 19.52  | cps   |
| Molybdenum | 97-1  | 133     | 67      | 50      | 83      | 52.92  | cps   |
| Molybdenum | 98-1  | 192     | 217     | 167     | 192     | 13.05  | cps   |
| Neodymium  | 150-1 | 27      | 27      | 33      | 29      | 13.33  | cps   |
| Neodymium  | 150-2 | 17      | 17      | 20      | 18      | 10.81  | cps   |
| Nickel     | 60-2  | 523     | 593     | 560     | 559     | 6.27   | cps   |
| Phosphorus | 31-2  | 1292    | 1333    | 1233    | 1286    | 3.90   | cps   |
| Potassium  | 39-2  | 67043   | 66709   | 68493   | 67415   | 1.41   | cps   |
| Rhodium    | 103-1 | 5013723 | 4890471 | 4924614 | 4942936 | 1.29   | cps   |
| Rhodium    | 103-2 | 2225228 | 2210620 | 2212466 | 2216105 | 0.36   | cps   |
| Scandium   | 45-1  | 2744965 | 2664301 | 2667866 | 2692377 | 1.69   | cps   |
| Scandium   | 45-2  | 116076  | 117245  | 116379  | 116567  | 0.52   | cps   |
| Selenium   | 77-2  | 0       | 0       | 0       | 0       | 0.00   | cps   |
| Selenium   | 78-2  | 41      | 48      | 50      | 46      | 10.58  | cps   |
| Selenium   | 82-1  | 48      | 35      | 69      | 51      | 34.21  | cps   |
| Silicon    | 28-1  | 2679617 | 2665305 | 2663957 | 2669626 | 0.33   | cps   |
| Silver     | 109-1 | 183     | 225     | 133     | 181     | 25.42  | cps   |
| Silver     | 107-1 | 133     | 275     | 267     | 225     | 35.33  | cps   |
| Sodium     | 23-2  | 1714081 | 1710517 | 1717665 | 1714088 | 0.21   | cps   |
| Strontium  | 86-1  | 34066   | 34158   | 33440   | 33888   | 1.15   | cps   |
| Strontium  | 88-1  | 289876  | 290424  | 287708  | 289336  | 0.50   | cps   |
| Sulfur     | 34-1  | 215716  | 209442  | 211084  | 212081  | 1.53   | cps   |
| Terbium    | 159-1 | 8474596 | 8318292 | 8427364 | 8406750 | 0.95   | cps   |
| Terbium    | 159-2 | 3665091 | 3637188 | 3671238 | 3657839 | 0.50   | cps   |
| Thallium   | 203-1 | 150     | 67      | 92      | 103     | 41.61  | cps   |
| Thallium   | 205-1 | 250     | 325     | 317     | 297     | 13.83  | cps   |
| Tin        | 118-1 | 958     | 700     | 867     | 842     | 15.56  | cps   |
| Titanium   | 47-1  | 267     | 383     | 275     | 308     | 21.11  | cps   |
| Uranium    | 238-1 | 267     | 233     | 233     | 244     | 7.87   | cps   |
| Vanadium   | 51-2  | 70      | 73      | 107     | 83      | 24.33  | cps   |
| Yttrium    | 89-1  | 5676515 | 5582793 | 5546028 | 5601779 | 1.20   | cps   |
| Yttrium    | 89-2  | 760933  | 764889  | 763009  | 762944  | 0.26   | cps   |
| Zinc       | 66-2  | 10501   | 9823    | 9980    | 10101   | 3.51   | cps   |
| Zirconium  | 90-1  | 600     | 600     | 708     | 636     | 9.83   | cps   |

|                         |                       |                   |                     |
|-------------------------|-----------------------|-------------------|---------------------|
| LB Number :             | LB88853               | Operator :        | Jaswal              |
| Lab Sample ID :         | I4279-10              | Instrumnet Name : | P7                  |
| Client Sample ID :      | DC3126-47-FL3-CL309-V | Dilution Factor : | 1                   |
| Date & Time Acquired :: | 2017-07-19 23:28:06   | DataFile Name :   | 175SMPL_P7071917 -M |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|-----------|------|------|------|------|---------|--------|-------|
| Zirconium | 91-1 | 142  | 92   | 58   | 97      | 43.14  | cps   |



LB Number : LB88853 Operator : Jaswal  
 Lab Sample ID : I4279-11 Instrumnet Name : P7  
 Client Sample ID : DC3126-48-FL3-BR309-1 Dilution Factor : 1  
 Date & Time Acquired :: 2017-07-19 23:31:38 DataFile Name : 176SMPL\_P7071917 -M1

| Parameter  | Mass  | CPS1    | CPS2    | CPS3    | CPSMean | CPSRSD | Units |
|------------|-------|---------|---------|---------|---------|--------|-------|
| Aluminium  | 27-2  | 367     | 242     | 408     | 339     | 25.59  | cps   |
| Antimony   | 121-1 | 442     | 542     | 367     | 450     | 19.51  | cps   |
| Arsenic    | 75-2  | 48      | 48      | 26      | 41      | 31.49  | cps   |
| Barium     | 135-1 | 26126   | 26025   | 25966   | 26039   | 0.31   | cps   |
| Barium     | 137-1 | 46504   | 45760   | 45543   | 45936   | 1.10   | cps   |
| Beryllium  | 9-1   | 78      | 56      | 50      | 61      | 24.05  | cps   |
| Bismuth    | 209-1 | 5355613 | 5258281 | 5295830 | 5303241 | 0.93   | cps   |
| Bismuth    | 209-2 | 2969454 | 2985040 | 2958892 | 2971129 | 0.44   | cps   |
| Boron      | 10-1  | 442     | 417     | 375     | 411     | 8.19   | cps   |
| Boron      | 11-1  | 1742    | 1959    | 2059    | 1920    | 8.43   | cps   |
| Cadmium    | 111-1 | 1320    | 1112    | 1235    | 1222    | 8.57   | cps   |
| Cadmium    | 106-1 | 1859    | 1575    | 1725    | 1720    | 8.24   | cps   |
| Cadmium    | 108-1 | 8       | 17      | 8       | 11      | 43.34  | cps   |
| Calcium    | 43-1  | 72964   | 69890   | 69346   | 70733   | 2.76   | cps   |
| Calcium    | 44-1  | 1163334 | 1152518 | 1145886 | 1153913 | 0.76   | cps   |
| Chromium   | 52-2  | 307     | 363     | 363     | 344     | 9.50   | cps   |
| Cobalt     | 59-2  | 153     | 193     | 160     | 169     | 12.69  | cps   |
| Copper     | 63-2  | 633944  | 636455  | 635413  | 635271  | 0.20   | cps   |
| Dysprosium | 156-1 | 17      | 17      | 25      | 19      | 24.73  | cps   |
| Dysprosium | 156-2 | 20      | 3       | 20      | 14      | 66.64  | cps   |
| Erbium     | 164-1 | 67      | 83      | 50      | 67      | 25.00  | cps   |
| Erbium     | 164-2 | 40      | 20      | 17      | 26      | 49.38  | cps   |
| Gadolinium | 160-1 | 58      | 42      | 67      | 56      | 22.91  | cps   |
| Gadolinium | 160-2 | 80      | 63      | 73      | 72      | 11.62  | cps   |
| Holmium    | 165-1 | 8133092 | 8131698 | 8124579 | 8129790 | 0.06   | cps   |
| Holmium    | 165-2 | 3745765 | 3728699 | 3696718 | 3723727 | 0.67   | cps   |
| Indium     | 115-1 | 5698229 | 5629595 | 5636112 | 5654645 | 0.67   | cps   |
| Indium     | 115-2 | 1052001 | 1052148 | 1049070 | 1051073 | 0.17   | cps   |
| Iron       | 56-2  | 32102   | 23386   | 23241   | 26243   | 19.34  | cps   |
| Iron       | 57-2  | 750     | 661     | 811     | 741     | 10.18  | cps   |
| Lead       | 206-1 | 2095    | 2300    | 2161    | 2185    | 4.80   | cps   |
| Lead       | 207-1 | 1906    | 2239    | 1945    | 2030    | 8.98   | cps   |
| Lead       | 208-1 | 8935    | 9496    | 8707    | 9046    | 4.49   | cps   |
| Lithium    | 6-1   | 788600  | 782304  | 779223  | 783376  | 0.61   | cps   |
| Magnesium  | 24-2  | 102665  | 103892  | 104085  | 103548  | 0.74   | cps   |
| Manganese  | 55-2  | 6091    | 6088    | 5951    | 6044    | 1.32   | cps   |

LB Number : LB88853 Operator : Jaswal  
 Lab Sample ID : I4279-11 Instrumnet Name : P7  
 Client Sample ID : DC3126-48-FL3-BR309-1 Dilution Factor : 1  
 Date & Time Acquired :: 2017-07-19 23:31:38 DataFile Name : 176SMPL\_P7071917 -M

| Parameter  | Mass  | CPS1    | CPS2    | CPS3    | CPSMean | CPSRSD   | Units |
|------------|-------|---------|---------|---------|---------|----------|-------|
| Molybdenum | 94-1  | 367     | 267     | 225     | 286     | 25.45    | cps   |
| Molybdenum | 95-1  | 133     | 83      | 67      | 94      | 36.73    | cps   |
| Molybdenum | 96-1  | 125     | 158     | 158     | 147     | 13.07    | cps   |
| Molybdenum | 97-1  | 92      | 100     | 83      | 92      | 9.09     | cps   |
| Molybdenum | 98-1  | 208     | 183     | 83      | 158     | 41.77    | cps   |
| Neodymium  | 150-1 | 7       | 13      | 0       | 7       | 99.98    | cps   |
| Neodymium  | 150-2 | 20      | 13      | 3       | 12      | 68.66    | cps   |
| Nickel     | 60-2  | 853     | 873     | 847     | 858     | 1.62     | cps   |
| Phosphorus | 31-2  | 1067    | 1167    | 1067    | 1100    | 5.25     | cps   |
| Potassium  | 39-2  | 68065   | 66734   | 68567   | 67789   | 1.40     | cps   |
| Rhodium    | 103-1 | 4912923 | 4852081 | 4856140 | 4873715 | 0.70     | cps   |
| Rhodium    | 103-2 | 2209488 | 2215368 | 2210487 | 2211781 | 0.14     | cps   |
| Scandium   | 45-1  | 2692641 | 2638361 | 2653524 | 2661509 | 1.05     | cps   |
| Scandium   | 45-2  | 117172  | 116766  | 116853  | 116930  | 0.18     | cps   |
| Selenium   | 77-2  | 0       | 0       | 0       | 0       | 0.00     | cps   |
| Selenium   | 78-2  | 48      | 31      | 54      | 44      | 26.02    | cps   |
| Selenium   | 82-1  | -40     | -2      | 40      | 0       | -8786.11 | cps   |
| Silicon    | 28-1  | 2794536 | 2741230 | 2735026 | 2756931 | 1.19     | cps   |
| Silver     | 109-1 | 283     | 192     | 125     | 200     | 39.75    | cps   |
| Silver     | 107-1 | 267     | 167     | 225     | 219     | 22.89    | cps   |
| Sodium     | 23-2  | 1685772 | 1692777 | 1691837 | 1690129 | 0.22     | cps   |
| Strontium  | 86-1  | 33883   | 33381   | 33289   | 33518   | 0.95     | cps   |
| Strontium  | 88-1  | 290715  | 288870  | 287070  | 288885  | 0.63     | cps   |
| Sulfur     | 34-1  | 209142  | 205601  | 205490  | 206744  | 1.00     | cps   |
| Terbium    | 159-1 | 8413020 | 8373573 | 8318049 | 8368214 | 0.57     | cps   |
| Terbium    | 159-2 | 3666348 | 3653539 | 3627568 | 3649151 | 0.54     | cps   |
| Thallium   | 203-1 | 108     | 133     | 133     | 125     | 11.55    | cps   |
| Thallium   | 205-1 | 317     | 342     | 308     | 322     | 5.38     | cps   |
| Tin        | 118-1 | 408     | 433     | 417     | 419     | 3.03     | cps   |
| Titanium   | 47-1  | 225     | 308     | 258     | 264     | 15.90    | cps   |
| Uranium    | 238-1 | 167     | 200     | 142     | 169     | 17.27    | cps   |
| Vanadium   | 51-2  | 53      | 90      | 67      | 70      | 26.51    | cps   |
| Yttrium    | 89-1  | 5573486 | 5498530 | 5498843 | 5523620 | 0.78     | cps   |
| Yttrium    | 89-2  | 765188  | 759149  | 760173  | 761503  | 0.42     | cps   |
| Zinc       | 66-2  | 33111   | 33332   | 33458   | 33300   | 0.53     | cps   |
| Zirconium  | 90-1  | 617     | 500     | 417     | 511     | 19.66    | cps   |

|                         |                       |                   |                     |
|-------------------------|-----------------------|-------------------|---------------------|
| LB Number :             | LB88853               | Operator :        | Jaswal              |
| Lab Sample ID :         | I4279-11              | Instrumnet Name : | P7                  |
| Client Sample ID :      | DC3126-48-FL3-BR309-\ | Dilution Factor : | 1                   |
| Date & Time Acquired :: | 2017-07-19 23:31:38   | DataFile Name :   | 176SMPL_P7071917 -M |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|-----------|------|------|------|------|---------|--------|-------|
| Zirconium | 91-1 | 133  | 58   | 100  | 97      | 38.65  | cps   |

|                         |                       |                   |                      |
|-------------------------|-----------------------|-------------------|----------------------|
| LB Number :             | LB88853               | Operator :        | Jaswal               |
| Lab Sample ID :         | I4279-12              | Instrumnet Name : | P7                   |
| Client Sample ID :      | DC3126-49-FL3-BR309-1 | Dilution Factor : | 1                    |
| Date & Time Acquired :: | 2017-07-19 23:35:10   | DataFile Name :   | 177SMPL_P7071917 -M1 |

| Parameter  | Mass  | CPS1    | CPS2    | CPS3    | CPSMean | CPSRSD | Units |
|------------|-------|---------|---------|---------|---------|--------|-------|
| Aluminium  | 27-2  | 567     | 542     | 583     | 564     | 3.72   | cps   |
| Antimony   | 121-1 | 475     | 375     | 525     | 458     | 16.66  | cps   |
| Arsenic    | 75-2  | 57      | 52      | 41      | 50      | 16.98  | cps   |
| Barium     | 135-1 | 26585   | 27044   | 26117   | 26582   | 1.74   | cps   |
| Barium     | 137-1 | 45684   | 45919   | 45626   | 45743   | 0.34   | cps   |
| Beryllium  | 9-1   | 56      | 44      | 67      | 56      | 20.00  | cps   |
| Bismuth    | 209-1 | 5322266 | 5340236 | 5350825 | 5337776 | 0.27   | cps   |
| Bismuth    | 209-2 | 2938361 | 2909942 | 2916364 | 2921556 | 0.51   | cps   |
| Boron      | 10-1  | 383     | 508     | 442     | 444     | 14.07  | cps   |
| Boron      | 11-1  | 1842    | 2067    | 2117    | 2009    | 7.29   | cps   |
| Cadmium    | 111-1 | 1402    | 1181    | 1210    | 1264    | 9.49   | cps   |
| Cadmium    | 106-1 | 1975    | 1659    | 1709    | 1781    | 9.56   | cps   |
| Cadmium    | 108-1 | 8       | 13      | 4       | 8       | 49.98  | cps   |
| Calcium    | 43-1  | 70518   | 70225   | 69731   | 70158   | 0.57   | cps   |
| Calcium    | 44-1  | 1152216 | 1146004 | 1140765 | 1146328 | 0.50   | cps   |
| Chromium   | 52-2  | 300     | 330     | 327     | 319     | 5.16   | cps   |
| Cobalt     | 59-2  | 130     | 170     | 170     | 157     | 14.74  | cps   |
| Copper     | 63-2  | 294894  | 292841  | 293421  | 293719  | 0.36   | cps   |
| Dysprosium | 156-1 | 17      | 25      | 58      | 33      | 66.14  | cps   |
| Dysprosium | 156-2 | 30      | 20      | 17      | 22      | 31.22  | cps   |
| Erbium     | 164-1 | 42      | 33      | 75      | 50      | 44.10  | cps   |
| Erbium     | 164-2 | 20      | 30      | 20      | 23      | 24.74  | cps   |
| Gadolinium | 160-1 | 117     | 67      | 58      | 81      | 39.16  | cps   |
| Gadolinium | 160-2 | 57      | 53      | 63      | 58      | 8.82   | cps   |
| Holmium    | 165-1 | 8105383 | 8200956 | 8102619 | 8136320 | 0.69   | cps   |
| Holmium    | 165-2 | 3721072 | 3694850 | 3675522 | 3697148 | 0.62   | cps   |
| Indium     | 115-1 | 5682857 | 5656510 | 5635616 | 5658327 | 0.42   | cps   |
| Indium     | 115-2 | 1046422 | 1048613 | 1040870 | 1045302 | 0.38   | cps   |
| Iron       | 56-2  | 27638   | 26986   | 28714   | 27779   | 3.14   | cps   |
| Iron       | 57-2  | 856     | 995     | 906     | 919     | 7.66   | cps   |
| Lead       | 206-1 | 2634    | 2828    | 2856    | 2773    | 4.37   | cps   |
| Lead       | 207-1 | 2284    | 2334    | 2150    | 2256    | 4.20   | cps   |
| Lead       | 208-1 | 10335   | 10685   | 10463   | 10494   | 1.69   | cps   |
| Lithium    | 6-1   | 789896  | 781845  | 778684  | 783475  | 0.74   | cps   |
| Magnesium  | 24-2  | 104537  | 104495  | 102609  | 103881  | 1.06   | cps   |
| Manganese  | 55-2  | 8316    | 7996    | 8269    | 8194    | 2.11   | cps   |

LB Number : LB88853 Operator : Jaswal  
 Lab Sample ID : I4279-12 Instrumnet Name : P7  
 Client Sample ID : DC3126-49-FL3-BR309-1 Dilution Factor : 1  
 Date & Time Acquired :: 2017-07-19 23:35:10 DataFile Name : 177SMPL\_P7071917 -M

| Parameter  | Mass  | CPS1    | CPS2    | CPS3    | CPSMean | CPSRSD | Units |
|------------|-------|---------|---------|---------|---------|--------|-------|
| Molybdenum | 94-1  | 158     | 242     | 225     | 208     | 21.17  | cps   |
| Molybdenum | 95-1  | 117     | 92      | 142     | 117     | 21.43  | cps   |
| Molybdenum | 96-1  | 183     | 150     | 125     | 153     | 19.15  | cps   |
| Molybdenum | 97-1  | 83      | 75      | 75      | 78      | 6.19   | cps   |
| Molybdenum | 98-1  | 167     | 133     | 167     | 156     | 12.37  | cps   |
| Neodymium  | 150-1 | 33      | 20      | 40      | 31      | 32.73  | cps   |
| Neodymium  | 150-2 | 17      | 10      | 3       | 10      | 66.70  | cps   |
| Nickel     | 60-2  | 703     | 703     | 800     | 736     | 7.59   | cps   |
| Phosphorus | 31-2  | 1300    | 1267    | 1292    | 1286    | 1.35   | cps   |
| Potassium  | 39-2  | 65997   | 67077   | 66834   | 66636   | 0.85   | cps   |
| Rhodium    | 103-1 | 4903058 | 4869313 | 4869769 | 4880713 | 0.40   | cps   |
| Rhodium    | 103-2 | 2203411 | 2200446 | 2173006 | 2192288 | 0.76   | cps   |
| Scandium   | 45-1  | 2678269 | 2680611 | 2685074 | 2681318 | 0.13   | cps   |
| Scandium   | 45-2  | 115892  | 114441  | 115204  | 115179  | 0.63   | cps   |
| Selenium   | 77-2  | 0       | 3       | 3       | 2       | 86.60  | cps   |
| Selenium   | 78-2  | 46      | 24      | 39      | 36      | 31.08  | cps   |
| Selenium   | 82-1  | -29     | -47     | 0       | -25     | -93.43 | cps   |
| Silicon    | 28-1  | 2731358 | 2724755 | 2719154 | 2725089 | 0.22   | cps   |
| Silver     | 109-1 | 242     | 208     | 192     | 214     | 11.90  | cps   |
| Silver     | 107-1 | 308     | 225     | 308     | 281     | 17.15  | cps   |
| Sodium     | 23-2  | 1690828 | 1682052 | 1688207 | 1687029 | 0.27   | cps   |
| Strontium  | 86-1  | 34225   | 33022   | 32379   | 33209   | 2.82   | cps   |
| Strontium  | 88-1  | 287017  | 283208  | 281840  | 284022  | 0.94   | cps   |
| Sulfur     | 34-1  | 207359  | 206558  | 207735  | 207217  | 0.29   | cps   |
| Terbium    | 159-1 | 8358581 | 8335279 | 8361784 | 8351881 | 0.17   | cps   |
| Terbium    | 159-2 | 3645848 | 3636840 | 3594443 | 3625711 | 0.76   | cps   |
| Thallium   | 203-1 | 133     | 83      | 100     | 106     | 24.12  | cps   |
| Thallium   | 205-1 | 342     | 250     | 325     | 306     | 15.98  | cps   |
| Tin        | 118-1 | 533     | 492     | 550     | 525     | 5.72   | cps   |
| Titanium   | 47-1  | 350     | 317     | 367     | 344     | 7.39   | cps   |
| Uranium    | 238-1 | 150     | 192     | 250     | 197     | 25.47  | cps   |
| Vanadium   | 51-2  | 77      | 63      | 80      | 73      | 12.03  | cps   |
| Yttrium    | 89-1  | 5552989 | 5549620 | 5513887 | 5538832 | 0.39   | cps   |
| Yttrium    | 89-2  | 760145  | 757945  | 748768  | 755620  | 0.80   | cps   |
| Zinc       | 66-2  | 9793    | 9894    | 9643    | 9777    | 1.29   | cps   |
| Zirconium  | 90-1  | 558     | 583     | 542     | 561     | 3.74   | cps   |

|                         |                       |                   |                     |
|-------------------------|-----------------------|-------------------|---------------------|
| LB Number :             | LB88853               | Operator :        | Jaswal              |
| Lab Sample ID :         | I4279-12              | Instrumnet Name : | P7                  |
| Client Sample ID :      | DC3126-49-FL3-BR309-\ | Dilution Factor : | 1                   |
| Date & Time Acquired :: | 2017-07-19 23:35:10   | DataFile Name :   | 177SMPL_P7071917 -M |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|-----------|------|------|------|------|---------|--------|-------|
| Zirconium | 91-1 | 108  | 108  | 175  | 131     | 29.48  | cps   |

|                         |                     |                   |                      |
|-------------------------|---------------------|-------------------|----------------------|
| LB Number :             | LB88853             | Operator :        | Jaswal               |
| Lab Sample ID :         | CCV44               | Instrumnet Name : | P7                   |
| Client Sample ID :      | CCV44               | Dilution Factor : | 1                    |
| Date & Time Acquired :: | 2017-07-19 23:38:42 | DataFile Name :   | 178CCV_P7071917 -MS. |

| Parameter  | Mass  | CPS1    | CPS2    | CPS3    | CPSMean | CPSRSD | Units |
|------------|-------|---------|---------|---------|---------|--------|-------|
| Aluminium  | 27-2  | 25      | 25      | 8       | 19      | 49.50  | cps   |
| Antimony   | 121-1 | 83      | 33      | 67      | 61      | 41.67  | cps   |
| Arsenic    | 75-2  | 6       | 6       | 4       | 5       | 21.74  | cps   |
| Barium     | 135-1 | 8       | 25      | 67      | 33      | 90.15  | cps   |
| Barium     | 137-1 | 83      | 33      | 25      | 47      | 66.82  | cps   |
| Beryllium  | 9-1   | 44      | 39      | 50      | 44      | 12.50  | cps   |
| Bismuth    | 209-1 | 4671351 | 4626366 | 4537495 | 4611738 | 1.48   | cps   |
| Bismuth    | 209-2 | 2614625 | 2585042 | 2531565 | 2577077 | 1.63   | cps   |
| Boron      | 10-1  | 133     | 158     | 117     | 136     | 15.41  | cps   |
| Boron      | 11-1  | 633     | 717     | 750     | 700     | 8.58   | cps   |
| Cadmium    | 111-1 | 1040    | 1008    | 1070    | 1039    | 3.01   | cps   |
| Cadmium    | 106-1 | 1483    | 1433    | 1517    | 1478    | 2.84   | cps   |
| Cadmium    | 108-1 | 4       | 0       | 0       | 1       | 173.21 | cps   |
| Calcium    | 43-1  | 217     | 150     | 158     | 175     | 20.76  | cps   |
| Calcium    | 44-1  | 4059    | 3909    | 4176    | 4048    | 3.30   | cps   |
| Chromium   | 52-2  | 243     | 260     | 177     | 227     | 19.45  | cps   |
| Cobalt     | 59-2  | 57      | 47      | 67      | 57      | 17.65  | cps   |
| Copper     | 63-2  | 683     | 673     | 617     | 658     | 5.47   | cps   |
| Dysprosium | 156-1 | 0       | 0       | 0       | 0       | 0.00   | cps   |
| Dysprosium | 156-2 | 0       | 0       | 0       | 0       | 0.00   | cps   |
| Erbium     | 164-1 | 8       | 25      | 50      | 28      | 75.51  | cps   |
| Erbium     | 164-2 | 7       | 0       | 13      | 7       | 99.98  | cps   |
| Gadolinium | 160-1 | 42      | 58      | 33      | 44      | 28.65  | cps   |
| Gadolinium | 160-2 | 67      | 43      | 73      | 61      | 25.78  | cps   |
| Holmium    | 165-1 | 7128232 | 7022603 | 6911463 | 7020766 | 1.54   | cps   |
| Holmium    | 165-2 | 3268126 | 3237313 | 3187510 | 3230983 | 1.26   | cps   |
| Indium     | 115-1 | 4927398 | 4865678 | 4777402 | 4856826 | 1.55   | cps   |
| Indium     | 115-2 | 935908  | 926424  | 908912  | 923748  | 1.48   | cps   |
| Iron       | 56-2  | 2650    | 2528    | 2723    | 2634    | 3.73   | cps   |
| Iron       | 57-2  | 189     | 156     | 144     | 163     | 14.19  | cps   |
| Lead       | 206-1 | 2345744 | 2357995 | 2342798 | 2348846 | 0.34   | cps   |
| Lead       | 207-1 | 2137701 | 2136686 | 2145240 | 2139876 | 0.22   | cps   |
| Lead       | 208-1 | 9641148 | 9647249 | 9651115 | 9646504 | 0.05   | cps   |
| Lithium    | 6-1   | 682374  | 680633  | 668869  | 677292  | 1.08   | cps   |
| Magnesium  | 24-2  | 900     | 825     | 1075    | 933     | 13.75  | cps   |
| Manganese  | 55-2  | 310     | 257     | 340     | 302     | 13.97  | cps   |

|                         |                     |                   |                      |
|-------------------------|---------------------|-------------------|----------------------|
| LB Number :             | LB88853             | Operator :        | Jaswal               |
| Lab Sample ID :         | CCV44               | Instrumnet Name : | P7                   |
| Client Sample ID :      | CCV44               | Dilution Factor : | 1                    |
| Date & Time Acquired :: | 2017-07-19 23:38:42 | DataFile Name :   | 178CCV_P7071917 -MS. |

| Parameter  | Mass  | CPS1    | CPS2    | CPS3    | CPSMean | CPSRSD  | Units |
|------------|-------|---------|---------|---------|---------|---------|-------|
| Molybdenum | 94-1  | 92      | 175     | 100     | 122     | 37.55   | cps   |
| Molybdenum | 95-1  | 17      | 33      | 8       | 19      | 65.47   | cps   |
| Molybdenum | 96-1  | 50      | 33      | 50      | 44      | 21.66   | cps   |
| Molybdenum | 97-1  | 33      | 25      | 17      | 25      | 33.32   | cps   |
| Molybdenum | 98-1  | 8       | 17      | 25      | 17      | 50.01   | cps   |
| Neodymium  | 150-1 | 0       | 0       | 0       | 0       | 0.00    | cps   |
| Neodymium  | 150-2 | 0       | 3       | 0       | 1       | 173.21  | cps   |
| Nickel     | 60-2  | 157     | 180     | 160     | 166     | 7.62    | cps   |
| Phosphorus | 31-2  | 83      | 117     | 50      | 83      | 40.00   | cps   |
| Potassium  | 39-2  | 19730   | 19689   | 19797   | 19739   | 0.28    | cps   |
| Rhodium    | 103-1 | 4288382 | 4253608 | 4155029 | 4232340 | 1.63    | cps   |
| Rhodium    | 103-2 | 1964890 | 1951588 | 1918138 | 1944872 | 1.24    | cps   |
| Scandium   | 45-1  | 2336797 | 2329761 | 2279552 | 2315370 | 1.35    | cps   |
| Scandium   | 45-2  | 104465  | 103770  | 99883   | 102706  | 2.40    | cps   |
| Selenium   | 77-2  | 0       | 0       | 0       | 0       | 0.00    | cps   |
| Selenium   | 78-2  | 33      | 46      | 54      | 44      | 23.20   | cps   |
| Selenium   | 82-1  | -29     | 40      | -50     | -13     | -371.66 | cps   |
| Silicon    | 28-1  | 202767  | 201558  | 200588  | 201638  | 0.54    | cps   |
| Silver     | 109-1 | 108     | 83      | 75      | 89      | 19.52   | cps   |
| Silver     | 107-1 | 67      | 125     | 50      | 81      | 48.89   | cps   |
| Sodium     | 23-2  | 14332   | 14933   | 14458   | 14574   | 2.17    | cps   |
| Strontium  | 86-1  | 592     | 600     | 608     | 600     | 1.39    | cps   |
| Strontium  | 88-1  | 233     | 192     | 283     | 236     | 19.44   | cps   |
| Sulfur     | 34-1  | 189228  | 186361  | 185054  | 186881  | 1.14    | cps   |
| Terbium    | 159-1 | 7133987 | 7209231 | 7104866 | 7149361 | 0.75    | cps   |
| Terbium    | 159-2 | 3237378 | 3221969 | 3137609 | 3198986 | 1.68    | cps   |
| Thallium   | 203-1 | 208     | 150     | 158     | 172     | 18.32   | cps   |
| Thallium   | 205-1 | 233     | 358     | 267     | 286     | 22.62   | cps   |
| Tin        | 118-1 | 217     | 258     | 183     | 219     | 17.13   | cps   |
| Titanium   | 47-1  | 75      | 17      | 83      | 58      | 62.27   | cps   |
| Uranium    | 238-1 | 42      | 58      | 42      | 47      | 20.38   | cps   |
| Vanadium   | 51-2  | 10      | 10      | 13      | 11      | 17.30   | cps   |
| Yttrium    | 89-1  | 4797670 | 4775787 | 4664007 | 4745821 | 1.51    | cps   |
| Yttrium    | 89-2  | 674789  | 670442  | 656640  | 667291  | 1.42    | cps   |
| Zinc       | 66-2  | 220     | 167     | 197     | 194     | 13.75   | cps   |
| Zirconium  | 90-1  | 325     | 275     | 250     | 283     | 13.48   | cps   |



|                         |                     |                   |                      |
|-------------------------|---------------------|-------------------|----------------------|
| LB Number :             | LB88853             | Operator :        | Jaswal               |
| Lab Sample ID :         | CCV44               | Instrumnet Name : | P7                   |
| Client Sample ID :      | CCV44               | Dilution Factor : | 1                    |
| Date & Time Acquired :: | 2017-07-19 23:38:42 | DataFile Name :   | 178CCV_P7071917 -MS. |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|-----------|------|------|------|------|---------|--------|-------|
| Zirconium | 91-1 | 50   | 50   | 50   | 50      | 0.00   | cps   |

|                         |                     |                   |                     |
|-------------------------|---------------------|-------------------|---------------------|
| LB Number :             | LB88853             | Operator :        | Jaswal              |
| Lab Sample ID :         | CCB44               | Instrumnet Name : | P7                  |
| Client Sample ID :      | CCB44               | Dilution Factor : | 1                   |
| Date & Time Acquired :: | 2017-07-19 23:42:15 | DataFile Name :   | 179CCBE_P7071917 -M |

| Parameter  | Mass  | CPS1    | CPS2    | CPS3    | CPSMean | CPSRSD | Units |
|------------|-------|---------|---------|---------|---------|--------|-------|
| Aluminium  | 27-2  | 8       | 42      | 58      | 36      | 70.51  | cps   |
| Antimony   | 121-1 | 25      | 75      | 50      | 50      | 50.00  | cps   |
| Arsenic    | 75-2  | 6       | 13      | 2       | 7       | 83.30  | cps   |
| Barium     | 135-1 | 33      | 25      | 33      | 31      | 15.74  | cps   |
| Barium     | 137-1 | 25      | 42      | 50      | 39      | 32.73  | cps   |
| Beryllium  | 9-1   | 61      | 44      | 44      | 50      | 19.24  | cps   |
| Bismuth    | 209-1 | 4771478 | 5041343 | 4983398 | 4932073 | 2.88   | cps   |
| Bismuth    | 209-2 | 2657546 | 2679719 | 2655464 | 2664243 | 0.50   | cps   |
| Boron      | 10-1  | 133     | 108     | 125     | 122     | 10.41  | cps   |
| Boron      | 11-1  | 408     | 592     | 550     | 517     | 18.60  | cps   |
| Cadmium    | 111-1 | 1094    | 1193    | 1095    | 1127    | 5.05   | cps   |
| Cadmium    | 106-1 | 1567    | 1709    | 1567    | 1614    | 5.07   | cps   |
| Cadmium    | 108-1 | 4       | 4       | 8       | 6       | 43.22  | cps   |
| Calcium    | 43-1  | 125     | 100     | 108     | 111     | 11.46  | cps   |
| Calcium    | 44-1  | 2984    | 3067    | 2892    | 2981    | 2.94   | cps   |
| Chromium   | 52-2  | 307     | 347     | 353     | 336     | 7.52   | cps   |
| Cobalt     | 59-2  | 30      | 43      | 60      | 44      | 33.82  | cps   |
| Copper     | 63-2  | 603     | 677     | 620     | 633     | 6.07   | cps   |
| Dysprosium | 156-1 | 8       | 8       | 0       | 6       | 86.60  | cps   |
| Dysprosium | 156-2 | 3       | 0       | 0       | 1       | 173.21 | cps   |
| Erbium     | 164-1 | 58      | 42      | 25      | 42      | 40.00  | cps   |
| Erbium     | 164-2 | 10      | 10      | 17      | 12      | 31.50  | cps   |
| Gadolinium | 160-1 | 17      | 58      | 50      | 42      | 52.91  | cps   |
| Gadolinium | 160-2 | 47      | 40      | 50      | 46      | 11.18  | cps   |
| Holmium    | 165-1 | 7281422 | 7588122 | 7570095 | 7479880 | 2.30   | cps   |
| Holmium    | 165-2 | 3363920 | 3371839 | 3355126 | 3363628 | 0.25   | cps   |
| Indium     | 115-1 | 5089427 | 5273088 | 5252818 | 5205111 | 1.93   | cps   |
| Indium     | 115-2 | 961116  | 960958  | 956145  | 959406  | 0.29   | cps   |
| Iron       | 56-2  | 2839    | 2778    | 3023    | 2880    | 4.42   | cps   |
| Iron       | 57-2  | 167     | 167     | 156     | 163     | 3.94   | cps   |
| Lead       | 206-1 | 1167    | 961     | 933     | 1020    | 12.49  | cps   |
| Lead       | 207-1 | 922     | 817     | 783     | 841     | 8.62   | cps   |
| Lead       | 208-1 | 4339    | 3823    | 3723    | 3961    | 8.36   | cps   |
| Lithium    | 6-1   | 710793  | 732161  | 728322  | 723758  | 1.57   | cps   |
| Magnesium  | 24-2  | 883     | 900     | 1075    | 953     | 11.14  | cps   |
| Manganese  | 55-2  | 287     | 260     | 320     | 289     | 10.41  | cps   |

|                         |                     |                   |                     |
|-------------------------|---------------------|-------------------|---------------------|
| LB Number :             | LB88853             | Operator :        | Jaswal              |
| Lab Sample ID :         | CCB44               | Instrumnet Name : | P7                  |
| Client Sample ID :      | CCB44               | Dilution Factor : | 1                   |
| Date & Time Acquired :: | 2017-07-19 23:42:15 | DataFile Name :   | 179CCBE_P7071917 -M |

| Parameter  | Mass  | CPS1    | CPS2    | CPS3    | CPSMean | CPSRSD  | Units |
|------------|-------|---------|---------|---------|---------|---------|-------|
| Molybdenum | 94-1  | 92      | 150     | 133     | 125     | 24.04   | cps   |
| Molybdenum | 95-1  | 17      | 25      | 8       | 17      | 50.01   | cps   |
| Molybdenum | 96-1  | 8       | 33      | 58      | 33      | 75.02   | cps   |
| Molybdenum | 97-1  | 17      | 17      | 25      | 19      | 24.73   | cps   |
| Molybdenum | 98-1  | 17      | 8       | 0       | 8       | 100.02  | cps   |
| Neodymium  | 150-1 | 13      | 0       | 0       | 4       | 173.21  | cps   |
| Neodymium  | 150-2 | 0       | 0       | 0       | 0       | 0.00    | cps   |
| Nickel     | 60-2  | 197     | 147     | 187     | 177     | 14.98   | cps   |
| Phosphorus | 31-2  | 42      | 83      | 75      | 67      | 33.07   | cps   |
| Potassium  | 39-2  | 19572   | 20123   | 20064   | 19920   | 1.52    | cps   |
| Rhodium    | 103-1 | 4401534 | 4582389 | 4548571 | 4510831 | 2.13    | cps   |
| Rhodium    | 103-2 | 2022643 | 2011210 | 2014264 | 2016039 | 0.29    | cps   |
| Scandium   | 45-1  | 2410724 | 2513175 | 2503447 | 2475782 | 2.28    | cps   |
| Scandium   | 45-2  | 105892  | 104132  | 105452  | 105159  | 0.87    | cps   |
| Selenium   | 77-2  | 0       | 0       | 0       | 0       | 0.00    | cps   |
| Selenium   | 78-2  | 31      | 67      | 41      | 46      | 39.40   | cps   |
| Selenium   | 82-1  | -93     | -3      | 39      | -19     | -356.71 | cps   |
| Silicon    | 28-1  | 206634  | 203831  | 201644  | 204037  | 1.23    | cps   |
| Silver     | 109-1 | 125     | 83      | 58      | 89      | 37.89   | cps   |
| Silver     | 107-1 | 108     | 50      | 67      | 75      | 40.06   | cps   |
| Sodium     | 23-2  | 14516   | 14641   | 14040   | 14399   | 2.20    | cps   |
| Strontium  | 86-1  | 558     | 592     | 725     | 625     | 14.11   | cps   |
| Strontium  | 88-1  | 150     | 142     | 192     | 161     | 16.63   | cps   |
| Sulfur     | 34-1  | 185044  | 185070  | 185569  | 185228  | 0.16    | cps   |
| Terbium    | 159-1 | 7385367 | 7795046 | 7770621 | 7650345 | 3.00    | cps   |
| Terbium    | 159-2 | 3297073 | 3286641 | 3301586 | 3295100 | 0.23    | cps   |
| Thallium   | 203-1 | 117     | 233     | 175     | 175     | 33.34   | cps   |
| Thallium   | 205-1 | 367     | 358     | 325     | 350     | 6.30    | cps   |
| Tin        | 118-1 | 633     | 650     | 575     | 619     | 6.36    | cps   |
| Titanium   | 47-1  | 42      | 50      | 108     | 67      | 54.49   | cps   |
| Uranium    | 238-1 | 25      | 33      | 0       | 19      | 89.22   | cps   |
| Vanadium   | 51-2  | 10      | 7       | 10      | 9       | 21.63   | cps   |
| Yttrium    | 89-1  | 4947897 | 5170778 | 5092564 | 5070413 | 2.23    | cps   |
| Yttrium    | 89-2  | 693153  | 689218  | 692436  | 691602  | 0.30    | cps   |
| Zinc       | 66-2  | 133     | 90      | 117     | 113     | 19.29   | cps   |
| Zirconium  | 90-1  | 258     | 242     | 392     | 297     | 27.66   | cps   |

|                         |                     |                   |                      |
|-------------------------|---------------------|-------------------|----------------------|
| LB Number :             | LB88853             | Operator :        | Jaswal               |
| Lab Sample ID :         | CCB44               | Instrumnet Name : | P7                   |
| Client Sample ID :      | CCB44               | Dilution Factor : | 1                    |
| Date & Time Acquired :: | 2017-07-19 23:42:15 | DataFile Name :   | 179CCBE_P7071917 -M: |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|-----------|------|------|------|------|---------|--------|-------|
| Zirconium | 91-1 | 108  | 25   | 50   | 61      | 69.98  | cps   |

LB Number : LB88853 Operator : Jaswal  
 Lab Sample ID : I4279-13 Instrumnet Name : P7  
 Client Sample ID : DC3126-51-FL3-BRM-W/ Dilution Factor : 1  
 Date & Time Acquired :: 2017-07-19 23:45:47 DataFile Name : 180SMPL\_P7071917 -M

| Parameter  | Mass  | CPS1    | CPS2    | CPS3    | CPSMean | CPSRSD | Units |
|------------|-------|---------|---------|---------|---------|--------|-------|
| Aluminium  | 27-2  | 208     | 175     | 225     | 203     | 12.55  | cps   |
| Antimony   | 121-1 | 700     | 492     | 508     | 567     | 20.43  | cps   |
| Arsenic    | 75-2  | 33      | 30      | 44      | 36      | 21.53  | cps   |
| Barium     | 135-1 | 25599   | 25073   | 24790   | 25154   | 1.63   | cps   |
| Barium     | 137-1 | 45760   | 45600   | 45157   | 45506   | 0.69   | cps   |
| Beryllium  | 9-1   | 50      | 78      | 28      | 52      | 48.31  | cps   |
| Bismuth    | 209-1 | 5543107 | 5513244 | 5371045 | 5475799 | 1.68   | cps   |
| Bismuth    | 209-2 | 2992037 | 2998534 | 2952676 | 2981082 | 0.83   | cps   |
| Boron      | 10-1  | 408     | 517     | 442     | 456     | 12.18  | cps   |
| Boron      | 11-1  | 2125    | 2367    | 2225    | 2239    | 5.42   | cps   |
| Cadmium    | 111-1 | 1433    | 1208    | 1377    | 1340    | 8.76   | cps   |
| Cadmium    | 106-1 | 1867    | 1517    | 1742    | 1709    | 10.38  | cps   |
| Cadmium    | 108-1 | 33      | 29      | 13      | 25      | 44.09  | cps   |
| Calcium    | 43-1  | 71063   | 69999   | 71205   | 70756   | 0.93   | cps   |
| Calcium    | 44-1  | 1173135 | 1161123 | 1151815 | 1162024 | 0.92   | cps   |
| Chromium   | 52-2  | 313     | 340     | 340     | 331     | 4.65   | cps   |
| Cobalt     | 59-2  | 373     | 460     | 393     | 409     | 11.10  | cps   |
| Copper     | 63-2  | 795750  | 796275  | 796283  | 796102  | 0.04   | cps   |
| Dysprosium | 156-1 | 17      | 17      | 0       | 11      | 86.60  | cps   |
| Dysprosium | 156-2 | 7       | 3       | 7       | 6       | 34.70  | cps   |
| Erbium     | 164-1 | 42      | 17      | 50      | 36      | 48.03  | cps   |
| Erbium     | 164-2 | 23      | 3       | 30      | 19      | 73.49  | cps   |
| Gadolinium | 160-1 | 75      | 33      | 33      | 47      | 50.95  | cps   |
| Gadolinium | 160-2 | 70      | 73      | 53      | 66      | 16.35  | cps   |
| Holmium    | 165-1 | 8538001 | 8260274 | 8260038 | 8352771 | 1.92   | cps   |
| Holmium    | 165-2 | 3780045 | 3758896 | 3742790 | 3760577 | 0.50   | cps   |
| Indium     | 115-1 | 6102536 | 5750879 | 5671948 | 5841788 | 3.92   | cps   |
| Indium     | 115-2 | 1065027 | 1073520 | 1065519 | 1068022 | 0.45   | cps   |
| Iron       | 56-2  | 17161   | 16515   | 17383   | 17020   | 2.65   | cps   |
| Iron       | 57-2  | 639     | 689     | 711     | 680     | 5.44   | cps   |
| Lead       | 206-1 | 4334    | 4267    | 4173    | 4258    | 1.90   | cps   |
| Lead       | 207-1 | 3851    | 3845    | 3767    | 3821    | 1.22   | cps   |
| Lead       | 208-1 | 17294   | 17066   | 17033   | 17131   | 0.83   | cps   |
| Lithium    | 6-1   | 824622  | 809692  | 797731  | 810682  | 1.66   | cps   |
| Magnesium  | 24-2  | 112764  | 110951  | 112032  | 111916  | 0.82   | cps   |
| Manganese  | 55-2  | 5588    | 5344    | 5508    | 5480    | 2.26   | cps   |

LB Number : LB88853 Operator : Jaswal  
 Lab Sample ID : I4279-13 Instrumnet Name : P7  
 Client Sample ID : DC3126-51-FL3-BRM-W/ Dilution Factor : 1  
 Date & Time Acquired :: 2017-07-19 23:45:47 DataFile Name : 180SMPL\_P7071917 -M

| Parameter  | Mass  | CPS1    | CPS2    | CPS3    | CPSMean | CPSRSD | Units |
|------------|-------|---------|---------|---------|---------|--------|-------|
| Molybdenum | 94-1  | 258     | 250     | 200     | 236     | 13.36  | cps   |
| Molybdenum | 95-1  | 108     | 92      | 92      | 97      | 9.90   | cps   |
| Molybdenum | 96-1  | 208     | 175     | 175     | 186     | 10.34  | cps   |
| Molybdenum | 97-1  | 108     | 142     | 92      | 114     | 22.35  | cps   |
| Molybdenum | 98-1  | 167     | 192     | 225     | 194     | 15.05  | cps   |
| Neodymium  | 150-1 | 7       | 7       | 13      | 9       | 43.25  | cps   |
| Neodymium  | 150-2 | 7       | 0       | 3       | 3       | 100.05 | cps   |
| Nickel     | 60-2  | 2697    | 2864    | 2567    | 2709    | 5.49   | cps   |
| Phosphorus | 31-2  | 1275    | 1342    | 1000    | 1206    | 15.02  | cps   |
| Potassium  | 39-2  | 68601   | 68040   | 68065   | 68235   | 0.46   | cps   |
| Rhodium    | 103-1 | 5097769 | 4960019 | 4907748 | 4988512 | 1.97   | cps   |
| Rhodium    | 103-2 | 2240266 | 2249399 | 2234545 | 2241404 | 0.33   | cps   |
| Scandium   | 45-1  | 2798589 | 2754492 | 2680955 | 2744679 | 2.17   | cps   |
| Scandium   | 45-2  | 118428  | 117380  | 118691  | 118166  | 0.59   | cps   |
| Selenium   | 77-2  | 0       | 0       | 0       | 0       | 0.00   | cps   |
| Selenium   | 78-2  | 56      | 35      | 50      | 47      | 22.44  | cps   |
| Selenium   | 82-1  | 49      | -48     | 52      | 18      | 320.70 | cps   |
| Silicon    | 28-1  | 2981088 | 2938193 | 2911148 | 2943477 | 1.20   | cps   |
| Silver     | 109-1 | 375     | 367     | 283     | 342     | 14.84  | cps   |
| Silver     | 107-1 | 375     | 275     | 408     | 353     | 19.67  | cps   |
| Sodium     | 23-2  | 1745412 | 1736226 | 1742873 | 1741504 | 0.27   | cps   |
| Strontium  | 86-1  | 33665   | 34801   | 34501   | 34322   | 1.71   | cps   |
| Strontium  | 88-1  | 292090  | 291201  | 289031  | 290774  | 0.54   | cps   |
| Sulfur     | 34-1  | 209965  | 208693  | 209545  | 209401  | 0.31   | cps   |
| Terbium    | 159-1 | 8719619 | 8444142 | 8389555 | 8517772 | 2.08   | cps   |
| Terbium    | 159-2 | 3702137 | 3670104 | 3684805 | 3685682 | 0.44   | cps   |
| Thallium   | 203-1 | 167     | 158     | 142     | 156     | 8.19   | cps   |
| Thallium   | 205-1 | 333     | 250     | 308     | 297     | 14.39  | cps   |
| Tin        | 118-1 | 550     | 425     | 483     | 486     | 12.87  | cps   |
| Titanium   | 47-1  | 308     | 283     | 258     | 283     | 8.82   | cps   |
| Uranium    | 238-1 | 158     | 108     | 158     | 142     | 20.38  | cps   |
| Vanadium   | 51-2  | 90      | 50      | 117     | 86      | 39.22  | cps   |
| Yttrium    | 89-1  | 5793507 | 5659335 | 5541250 | 5664697 | 2.23   | cps   |
| Yttrium    | 89-2  | 773108  | 770480  | 770233  | 771274  | 0.21   | cps   |
| Zinc       | 66-2  | 49634   | 48477   | 49243   | 49118   | 1.20   | cps   |
| Zirconium  | 90-1  | 600     | 517     | 558     | 558     | 7.46   | cps   |

|                         |                      |                   |                     |
|-------------------------|----------------------|-------------------|---------------------|
| LB Number :             | LB88853              | Operator :        | Jaswal              |
| Lab Sample ID :         | I4279-13             | Instrumnet Name : | P7                  |
| Client Sample ID :      | DC3126-51-FL3-BRM-W; | Dilution Factor : | 1                   |
| Date & Time Acquired :: | 2017-07-19 23:45:47  | DataFile Name :   | 180SMPL_P7071917 -M |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|-----------|------|------|------|------|---------|--------|-------|
| Zirconium | 91-1 | 150  | 100  | 117  | 122     | 20.83  | cps   |

|                         |                      |                   |                     |
|-------------------------|----------------------|-------------------|---------------------|
| LB Number :             | LB88853              | Operator :        | Jaswal              |
| Lab Sample ID :         | I4279-14             | Instrumnet Name : | P7                  |
| Client Sample ID :      | DC3126-52-FL3-BRM-W/ | Dilution Factor : | 1                   |
| Date & Time Acquired :: | 2017-07-19 23:49:19  | DataFile Name :   | 181SMPL_P7071917 -M |

| Parameter  | Mass  | CPS1    | CPS2    | CPS3    | CPSMean | CPSRSD | Units |
|------------|-------|---------|---------|---------|---------|--------|-------|
| Aluminium  | 27-2  | 317     | 267     | 100     | 228     | 49.81  | cps   |
| Antimony   | 121-1 | 458     | 375     | 417     | 417     | 10.00  | cps   |
| Arsenic    | 75-2  | 31      | 41      | 46      | 40      | 18.95  | cps   |
| Barium     | 135-1 | 24330   | 24397   | 24330   | 24353   | 0.16   | cps   |
| Barium     | 137-1 | 44021   | 42834   | 43226   | 43360   | 1.40   | cps   |
| Beryllium  | 9-1   | 33      | 56      | 56      | 48      | 26.66  | cps   |
| Bismuth    | 209-1 | 5422287 | 5303364 | 5318836 | 5348162 | 1.21   | cps   |
| Bismuth    | 209-2 | 2929815 | 2890805 | 2872182 | 2897601 | 1.02   | cps   |
| Boron      | 10-1  | 425     | 483     | 517     | 475     | 9.77   | cps   |
| Boron      | 11-1  | 2350    | 2225    | 2492    | 2356    | 5.66   | cps   |
| Cadmium    | 111-1 | 1406    | 1340    | 1376    | 1374    | 2.40   | cps   |
| Cadmium    | 106-1 | 1800    | 1750    | 1709    | 1753    | 2.62   | cps   |
| Cadmium    | 108-1 | 13      | 21      | 4       | 13      | 66.64  | cps   |
| Calcium    | 43-1  | 69982   | 67756   | 68259   | 68665   | 1.70   | cps   |
| Calcium    | 44-1  | 1126650 | 1111741 | 1119596 | 1119329 | 0.67   | cps   |
| Chromium   | 52-2  | 313     | 310     | 290     | 304     | 4.14   | cps   |
| Cobalt     | 59-2  | 367     | 330     | 353     | 350     | 5.30   | cps   |
| Copper     | 63-2  | 757672  | 759417  | 759712  | 758933  | 0.15   | cps   |
| Dysprosium | 156-1 | 33      | 33      | 8       | 25      | 57.75  | cps   |
| Dysprosium | 156-2 | 7       | 3       | 7       | 6       | 34.70  | cps   |
| Erbium     | 164-1 | 58      | 25      | 33      | 39      | 44.62  | cps   |
| Erbium     | 164-2 | 20      | 13      | 13      | 16      | 24.76  | cps   |
| Gadolinium | 160-1 | 42      | 75      | 50      | 56      | 31.22  | cps   |
| Gadolinium | 160-2 | 60      | 30      | 60      | 50      | 34.64  | cps   |
| Holmium    | 165-1 | 8269220 | 8134841 | 8148328 | 8184129 | 0.90   | cps   |
| Holmium    | 165-2 | 3728830 | 3671744 | 3659149 | 3686574 | 1.01   | cps   |
| Indium     | 115-1 | 5688192 | 5608432 | 5583791 | 5626805 | 0.97   | cps   |
| Indium     | 115-2 | 1043482 | 1040224 | 1028347 | 1037351 | 0.77   | cps   |
| Iron       | 56-2  | 17229   | 16638   | 16894   | 16920   | 1.75   | cps   |
| Iron       | 57-2  | 644     | 644     | 617     | 635     | 2.52   | cps   |
| Lead       | 206-1 | 3990    | 4240    | 4029    | 4086    | 3.29   | cps   |
| Lead       | 207-1 | 3451    | 3606    | 3367    | 3475    | 3.49   | cps   |
| Lead       | 208-1 | 15860   | 16226   | 15782   | 15956   | 1.49   | cps   |
| Lithium    | 6-1   | 792756  | 781429  | 784662  | 786282  | 0.74   | cps   |
| Magnesium  | 24-2  | 107492  | 109431  | 108600  | 108507  | 0.90   | cps   |
| Manganese  | 55-2  | 5621    | 5344    | 5995    | 5653    | 5.77   | cps   |



LB Number : LB88853 Operator : Jaswal  
 Lab Sample ID : I4279-14 Instrumnet Name : P7  
 Client Sample ID : DC3126-52-FL3-BRM-W/ Dilution Factor : 1  
 Date & Time Acquired :: 2017-07-19 23:49:19 DataFile Name : 181SMPL\_P7071917 -M

| Parameter  | Mass  | CPS1    | CPS2    | CPS3    | CPSMean | CPSRSD | Units |
|------------|-------|---------|---------|---------|---------|--------|-------|
| Molybdenum | 94-1  | 333     | 408     | 217     | 319     | 30.24  | cps   |
| Molybdenum | 95-1  | 75      | 75      | 92      | 81      | 11.95  | cps   |
| Molybdenum | 96-1  | 92      | 150     | 175     | 139     | 30.79  | cps   |
| Molybdenum | 97-1  | 58      | 50      | 100     | 69      | 38.57  | cps   |
| Molybdenum | 98-1  | 233     | 300     | 200     | 244     | 20.83  | cps   |
| Neodymium  | 150-1 | 20      | 7       | 20      | 16      | 49.47  | cps   |
| Neodymium  | 150-2 | 0       | 3       | 10      | 4       | 114.60 | cps   |
| Nickel     | 60-2  | 1370    | 1413    | 1400    | 1395    | 1.59   | cps   |
| Phosphorus | 31-2  | 1142    | 1067    | 1317    | 1175    | 10.92  | cps   |
| Potassium  | 39-2  | 68609   | 67697   | 68693   | 68333   | 0.81   | cps   |
| Rhodium    | 103-1 | 4898993 | 4869365 | 4834172 | 4867510 | 0.67   | cps   |
| Rhodium    | 103-2 | 2187503 | 2182958 | 2165792 | 2178751 | 0.53   | cps   |
| Scandium   | 45-1  | 2685010 | 2656100 | 2658789 | 2666633 | 0.60   | cps   |
| Scandium   | 45-2  | 115304  | 115378  | 114370  | 115018  | 0.49   | cps   |
| Selenium   | 77-2  | 0       | 0       | 0       | 0       | 0.00   | cps   |
| Selenium   | 78-2  | 52      | 56      | 33      | 47      | 25.38  | cps   |
| Selenium   | 82-1  | 66      | -23     | 36      | 26      | 173.34 | cps   |
| Silicon    | 28-1  | 2864710 | 2844727 | 2829827 | 2846422 | 0.61   | cps   |
| Silver     | 109-1 | 450     | 342     | 425     | 406     | 13.99  | cps   |
| Silver     | 107-1 | 525     | 400     | 442     | 456     | 13.97  | cps   |
| Sodium     | 23-2  | 1694688 | 1693234 | 1685207 | 1691043 | 0.30   | cps   |
| Strontium  | 86-1  | 32312   | 33064   | 31678   | 32351   | 2.15   | cps   |
| Strontium  | 88-1  | 281128  | 281000  | 274434  | 278854  | 1.37   | cps   |
| Sulfur     | 34-1  | 207814  | 210916  | 208117  | 208949  | 0.82   | cps   |
| Terbium    | 159-1 | 8327259 | 8281630 | 8261723 | 8290204 | 0.41   | cps   |
| Terbium    | 159-2 | 3625626 | 3589101 | 3585618 | 3600115 | 0.62   | cps   |
| Thallium   | 203-1 | 117     | 150     | 83      | 117     | 28.57  | cps   |
| Thallium   | 205-1 | 275     | 333     | 375     | 328     | 15.32  | cps   |
| Tin        | 118-1 | 517     | 467     | 433     | 472     | 8.88   | cps   |
| Titanium   | 47-1  | 292     | 233     | 250     | 258     | 11.63  | cps   |
| Uranium    | 238-1 | 150     | 150     | 100     | 133     | 21.65  | cps   |
| Vanadium   | 51-2  | 97      | 67      | 93      | 86      | 19.22  | cps   |
| Yttrium    | 89-1  | 5563286 | 5482992 | 5446453 | 5497577 | 1.09   | cps   |
| Yttrium    | 89-2  | 753693  | 756441  | 744429  | 751521  | 0.84   | cps   |
| Zinc       | 66-2  | 21373   | 21393   | 21292   | 21352   | 0.25   | cps   |
| Zirconium  | 90-1  | 483     | 583     | 517     | 528     | 9.65   | cps   |

|                         |                      |                   |                     |
|-------------------------|----------------------|-------------------|---------------------|
| LB Number :             | LB88853              | Operator :        | Jaswal              |
| Lab Sample ID :         | I4279-14             | Instrumnet Name : | P7                  |
| Client Sample ID :      | DC3126-52-FL3-BRM-W; | Dilution Factor : | 1                   |
| Date & Time Acquired :: | 2017-07-19 23:49:19  | DataFile Name :   | 181SMPL_P7071917 -M |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|-----------|------|------|------|------|---------|--------|-------|
| Zirconium | 91-1 | 75   | 58   | 125  | 86      | 40.29  | cps   |

LB Number : LB88853 Operator : Jaswal  
 Lab Sample ID : I4279-15 Instrumnet Name : P7  
 Client Sample ID : DC3126-54-FL3-BRM-W; Dilution Factor : 1  
 Date & Time Acquired :: 2017-07-19 23:52:51 DataFile Name : 182SMPL\_P7071917 -M

| Parameter  | Mass  | CPS1    | CPS2    | CPS3    | CPSMean | CPSRSD | Units |
|------------|-------|---------|---------|---------|---------|--------|-------|
| Aluminium  | 27-2  | 100     | 167     | 167     | 144     | 26.65  | cps   |
| Antimony   | 121-1 | 633     | 767     | 725     | 708     | 9.63   | cps   |
| Arsenic    | 75-2  | 22      | 50      | 39      | 37      | 37.75  | cps   |
| Barium     | 135-1 | 24648   | 24806   | 24923   | 24792   | 0.56   | cps   |
| Barium     | 137-1 | 43586   | 44263   | 44597   | 44149   | 1.17   | cps   |
| Beryllium  | 9-1   | 39      | 33      | 100     | 57      | 64.44  | cps   |
| Bismuth    | 209-1 | 5515232 | 5322866 | 5331605 | 5389901 | 2.02   | cps   |
| Bismuth    | 209-2 | 2803972 | 2879743 | 2707274 | 2796997 | 3.09   | cps   |
| Boron      | 10-1  | 408     | 617     | 317     | 447     | 34.38  | cps   |
| Boron      | 11-1  | 2392    | 2417    | 2400    | 2403    | 0.53   | cps   |
| Cadmium    | 111-1 | 1196    | 1403    | 1349    | 1316    | 8.14   | cps   |
| Cadmium    | 106-1 | 1550    | 1884    | 1750    | 1728    | 9.71   | cps   |
| Cadmium    | 108-1 | 38      | 17      | 25      | 26      | 39.73  | cps   |
| Calcium    | 43-1  | 70343   | 70008   | 69070   | 69807   | 0.95   | cps   |
| Calcium    | 44-1  | 1134182 | 1137686 | 1125910 | 1132592 | 0.53   | cps   |
| Chromium   | 52-2  | 333     | 297     | 240     | 290     | 16.21  | cps   |
| Cobalt     | 59-2  | 380     | 373     | 427     | 393     | 7.39   | cps   |
| Copper     | 63-2  | 786774  | 784619  | 789815  | 787069  | 0.33   | cps   |
| Dysprosium | 156-1 | 8       | 17      | 0       | 8       | 100.02 | cps   |
| Dysprosium | 156-2 | 3       | 10      | 7       | 7       | 50.03  | cps   |
| Erbium     | 164-1 | 17      | 58      | 8       | 28      | 96.44  | cps   |
| Erbium     | 164-2 | 10      | 30      | 10      | 17      | 69.28  | cps   |
| Gadolinium | 160-1 | 42      | 25      | 25      | 31      | 31.50  | cps   |
| Gadolinium | 160-2 | 50      | 60      | 30      | 47      | 32.73  | cps   |
| Holmium    | 165-1 | 8323472 | 8134845 | 8124092 | 8194136 | 1.37   | cps   |
| Holmium    | 165-2 | 3558993 | 3631194 | 3469022 | 3553070 | 2.29   | cps   |
| Indium     | 115-1 | 5740969 | 5608106 | 5633578 | 5660884 | 1.25   | cps   |
| Indium     | 115-2 | 1011794 | 1021578 | 970546  | 1001306 | 2.70   | cps   |
| Iron       | 56-2  | 14530   | 13851   | 14669   | 14350   | 3.05   | cps   |
| Iron       | 57-2  | 583     | 611     | 628     | 607     | 3.70   | cps   |
| Lead       | 206-1 | 4790    | 4656    | 4290    | 4579    | 5.66   | cps   |
| Lead       | 207-1 | 4140    | 3634    | 3995    | 3923    | 6.64   | cps   |
| Lead       | 208-1 | 18706   | 17583   | 17616   | 17968   | 3.56   | cps   |
| Lithium    | 6-1   | 801300  | 782886  | 781557  | 788581  | 1.40   | cps   |
| Magnesium  | 24-2  | 106593  | 106233  | 107769  | 106865  | 0.75   | cps   |
| Manganese  | 55-2  | 3367    | 3337    | 3307    | 3337    | 0.90   | cps   |

|                         |                      |                   |                     |
|-------------------------|----------------------|-------------------|---------------------|
| LB Number :             | LB88853              | Operator :        | Jaswal              |
| Lab Sample ID :         | I4279-15             | Instrumnet Name : | P7                  |
| Client Sample ID :      | DC3126-54-FL3-BRM-W/ | Dilution Factor : | 1                   |
| Date & Time Acquired :: | 2017-07-19 23:52:51  | DataFile Name :   | 182SMPL_P7071917 -M |

| Parameter  | Mass  | CPS1    | CPS2    | CPS3    | CPSMean | CPSRSD | Units |
|------------|-------|---------|---------|---------|---------|--------|-------|
| Molybdenum | 94-1  | 217     | 225     | 208     | 217     | 3.85   | cps   |
| Molybdenum | 95-1  | 108     | 100     | 108     | 106     | 4.56   | cps   |
| Molybdenum | 96-1  | 142     | 133     | 200     | 158     | 22.94  | cps   |
| Molybdenum | 97-1  | 67      | 67      | 142     | 92      | 47.24  | cps   |
| Molybdenum | 98-1  | 125     | 167     | 133     | 142     | 15.56  | cps   |
| Neodymium  | 150-1 | 7       | 0       | 0       | 2       | 173.21 | cps   |
| Neodymium  | 150-2 | 3       | 0       | 0       | 1       | 173.21 | cps   |
| Nickel     | 60-2  | 4828    | 5088    | 4791    | 4902    | 3.30   | cps   |
| Phosphorus | 31-2  | 700     | 567     | 542     | 603     | 14.12  | cps   |
| Potassium  | 39-2  | 67446   | 67353   | 66859   | 67219   | 0.47   | cps   |
| Rhodium    | 103-1 | 4961996 | 4829513 | 4850604 | 4880704 | 1.46   | cps   |
| Rhodium    | 103-2 | 2117275 | 2139432 | 2034209 | 2096972 | 2.65   | cps   |
| Scandium   | 45-1  | 2724617 | 2648436 | 2686427 | 2686493 | 1.42   | cps   |
| Scandium   | 45-2  | 112802  | 113236  | 103180  | 109739  | 5.18   | cps   |
| Selenium   | 77-2  | 0       | 0       | 0       | 0       | 0.00   | cps   |
| Selenium   | 78-2  | 44      | 48      | 44      | 46      | 4.69   | cps   |
| Selenium   | 82-1  | 97      | 5       | -4      | 33      | 172.83 | cps   |
| Silicon    | 28-1  | 2912402 | 2874242 | 2845904 | 2877516 | 1.16   | cps   |
| Silver     | 109-1 | 192     | 167     | 200     | 186     | 9.32   | cps   |
| Silver     | 107-1 | 183     | 217     | 283     | 228     | 22.35  | cps   |
| Sodium     | 23-2  | 1638069 | 1626318 | 1643614 | 1636000 | 0.54   | cps   |
| Strontium  | 86-1  | 32955   | 32521   | 32396   | 32624   | 0.90   | cps   |
| Strontium  | 88-1  | 282256  | 282350  | 280414  | 281673  | 0.39   | cps   |
| Sulfur     | 34-1  | 206554  | 208566  | 205186  | 206768  | 0.82   | cps   |
| Terbium    | 159-1 | 8489427 | 8223044 | 8352733 | 8355068 | 1.59   | cps   |
| Terbium    | 159-2 | 3509980 | 3550976 | 3375590 | 3478849 | 2.64   | cps   |
| Thallium   | 203-1 | 142     | 133     | 167     | 147     | 11.79  | cps   |
| Thallium   | 205-1 | 400     | 342     | 367     | 369     | 7.92   | cps   |
| Tin        | 118-1 | 1084    | 842     | 825     | 917     | 15.78  | cps   |
| Titanium   | 47-1  | 242     | 258     | 142     | 214     | 29.50  | cps   |
| Uranium    | 238-1 | 75      | 83      | 50      | 69      | 24.98  | cps   |
| Vanadium   | 51-2  | 63      | 63      | 47      | 58      | 16.65  | cps   |
| Yttrium    | 89-1  | 5619513 | 5464277 | 5462131 | 5515307 | 1.64   | cps   |
| Yttrium    | 89-2  | 727994  | 736217  | 702903  | 722372  | 2.40   | cps   |
| Zinc       | 66-2  | 93457   | 95107   | 95614   | 94726   | 1.19   | cps   |
| Zirconium  | 90-1  | 525     | 492     | 650     | 556     | 15.02  | cps   |

|                         |                      |                   |                     |
|-------------------------|----------------------|-------------------|---------------------|
| LB Number :             | LB88853              | Operator :        | Jaswal              |
| Lab Sample ID :         | I4279-15             | Instrumnet Name : | P7                  |
| Client Sample ID :      | DC3126-54-FL3-BRM-W; | Dilution Factor : | 1                   |
| Date & Time Acquired :: | 2017-07-19 23:52:51  | DataFile Name :   | 182SMPL_P7071917 -M |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|-----------|------|------|------|------|---------|--------|-------|
| Zirconium | 91-1 | 100  | 100  | 125  | 108     | 13.33  | cps   |

LB Number : LB88853 Operator : Jaswal  
 Lab Sample ID : I4279-16 Instrumnet Name : P7  
 Client Sample ID : DC3126-55-FL3-BRM-W; Dilution Factor : 1  
 Date & Time Acquired :: 2017-07-19 23:56:23 DataFile Name : 183SMPL\_P7071917 -M

| Parameter  | Mass  | CPS1    | CPS2    | CPS3    | CPSMean | CPSRSD | Units |
|------------|-------|---------|---------|---------|---------|--------|-------|
| Aluminium  | 27-2  | 192     | 267     | 250     | 236     | 16.68  | cps   |
| Antimony   | 121-1 | 650     | 600     | 575     | 608     | 6.28   | cps   |
| Arsenic    | 75-2  | 48      | 41      | 33      | 41      | 18.19  | cps   |
| Barium     | 135-1 | 24831   | 24046   | 25040   | 24639   | 2.13   | cps   |
| Barium     | 137-1 | 42500   | 44122   | 41931   | 42851   | 2.65   | cps   |
| Beryllium  | 9-1   | 33      | 67      | 61      | 54      | 33.26  | cps   |
| Bismuth    | 209-1 | 5240260 | 5154628 | 5173518 | 5189469 | 0.87   | cps   |
| Bismuth    | 209-2 | 2884566 | 2929057 | 2906881 | 2906835 | 0.77   | cps   |
| Boron      | 10-1  | 517     | 600     | 408     | 508     | 18.91  | cps   |
| Boron      | 11-1  | 2509    | 2225    | 2592    | 2442    | 7.87   | cps   |
| Cadmium    | 111-1 | 1279    | 1315    | 1170    | 1255    | 6.02   | cps   |
| Cadmium    | 106-1 | 1734    | 1750    | 1500    | 1661    | 8.42   | cps   |
| Cadmium    | 108-1 | 25      | 8       | 25      | 19      | 49.50  | cps   |
| Calcium    | 43-1  | 69372   | 66718   | 67806   | 67965   | 1.96   | cps   |
| Calcium    | 44-1  | 1112355 | 1096180 | 1089231 | 1099255 | 1.08   | cps   |
| Chromium   | 52-2  | 263     | 250     | 280     | 264     | 5.68   | cps   |
| Cobalt     | 59-2  | 353     | 400     | 413     | 389     | 8.10   | cps   |
| Copper     | 63-2  | 715985  | 718543  | 710040  | 714856  | 0.61   | cps   |
| Dysprosium | 156-1 | 8       | 17      | 0       | 8       | 100.02 | cps   |
| Dysprosium | 156-2 | 13      | 10      | 10      | 11      | 17.30  | cps   |
| Erbium     | 164-1 | 50      | 42      | 42      | 44      | 10.82  | cps   |
| Erbium     | 164-2 | 13      | 13      | 23      | 17      | 34.65  | cps   |
| Gadolinium | 160-1 | 75      | 108     | 50      | 78      | 37.63  | cps   |
| Gadolinium | 160-2 | 60      | 73      | 70      | 68      | 10.24  | cps   |
| Holmium    | 165-1 | 8007071 | 7812303 | 7855714 | 7891696 | 1.30   | cps   |
| Holmium    | 165-2 | 3666592 | 3685250 | 3669563 | 3673802 | 0.27   | cps   |
| Indium     | 115-1 | 5538437 | 5428876 | 5418923 | 5462079 | 1.21   | cps   |
| Indium     | 115-2 | 1033706 | 1042151 | 1038238 | 1038031 | 0.41   | cps   |
| Iron       | 56-2  | 17990   | 17266   | 16905   | 17387   | 3.18   | cps   |
| Iron       | 57-2  | 644     | 589     | 644     | 626     | 5.12   | cps   |
| Lead       | 206-1 | 4101    | 4240    | 4156    | 4166    | 1.68   | cps   |
| Lead       | 207-1 | 3501    | 3184    | 3612    | 3432    | 6.47   | cps   |
| Lead       | 208-1 | 16165   | 16121   | 15615   | 15967   | 1.92   | cps   |
| Lithium    | 6-1   | 773805  | 760661  | 761567  | 765344  | 0.96   | cps   |
| Magnesium  | 24-2  | 111051  | 111286  | 112025  | 111454  | 0.46   | cps   |
| Manganese  | 55-2  | 3474    | 3664    | 3557    | 3565    | 2.67   | cps   |

|                         |                      |                   |                     |
|-------------------------|----------------------|-------------------|---------------------|
| LB Number :             | LB88853              | Operator :        | Jaswal              |
| Lab Sample ID :         | I4279-16             | Instrumnet Name : | P7                  |
| Client Sample ID :      | DC3126-55-FL3-BRM-W/ | Dilution Factor : | 1                   |
| Date & Time Acquired :: | 2017-07-19 23:56:23  | DataFile Name :   | 183SMPL_P7071917 -M |

| Parameter  | Mass  | CPS1    | CPS2    | CPS3    | CPSMean | CPSRSD   | Units |
|------------|-------|---------|---------|---------|---------|----------|-------|
| Molybdenum | 94-1  | 208     | 250     | 250     | 236     | 10.19    | cps   |
| Molybdenum | 95-1  | 92      | 183     | 125     | 133     | 34.80    | cps   |
| Molybdenum | 96-1  | 125     | 142     | 125     | 131     | 7.37     | cps   |
| Molybdenum | 97-1  | 92      | 142     | 92      | 108     | 26.65    | cps   |
| Molybdenum | 98-1  | 225     | 283     | 183     | 231     | 21.79    | cps   |
| Neodymium  | 150-1 | 7       | 20      | 0       | 9       | 114.55   | cps   |
| Neodymium  | 150-2 | 0       | 0       | 0       | 0       | 0.00     | cps   |
| Nickel     | 60-2  | 1707    | 1890    | 1994    | 1863    | 7.79     | cps   |
| Phosphorus | 31-2  | 817     | 842     | 1100    | 920     | 17.06    | cps   |
| Potassium  | 39-2  | 67789   | 67604   | 67588   | 67660   | 0.16     | cps   |
| Rhodium    | 103-1 | 4782104 | 4667212 | 4667439 | 4705585 | 1.41     | cps   |
| Rhodium    | 103-2 | 2159416 | 2176256 | 2170061 | 2168578 | 0.39     | cps   |
| Scandium   | 45-1  | 2618935 | 2540824 | 2575732 | 2578497 | 1.52     | cps   |
| Scandium   | 45-2  | 112319  | 115946  | 114172  | 114145  | 1.59     | cps   |
| Selenium   | 77-2  | 0       | 0       | 3       | 1       | 173.21   | cps   |
| Selenium   | 78-2  | 41      | 59      | 59      | 53      | 20.14    | cps   |
| Selenium   | 82-1  | -47     | 70      | -41     | -6      | -1055.69 | cps   |
| Silicon    | 28-1  | 2881522 | 2838975 | 2823889 | 2848129 | 1.05     | cps   |
| Silver     | 109-1 | 200     | 183     | 258     | 214     | 18.41    | cps   |
| Silver     | 107-1 | 250     | 400     | 233     | 294     | 31.18    | cps   |
| Sodium     | 23-2  | 1693144 | 1688174 | 1671636 | 1684318 | 0.67     | cps   |
| Strontium  | 86-1  | 32095   | 31377   | 31995   | 31822   | 1.22     | cps   |
| Strontium  | 88-1  | 278586  | 274817  | 272709  | 275371  | 1.08     | cps   |
| Sulfur     | 34-1  | 209653  | 208159  | 205330  | 207714  | 1.06     | cps   |
| Terbium    | 159-1 | 8145432 | 7993778 | 8072060 | 8070424 | 0.94     | cps   |
| Terbium    | 159-2 | 3582632 | 3621711 | 3605774 | 3603372 | 0.55     | cps   |
| Thallium   | 203-1 | 142     | 142     | 133     | 139     | 3.46     | cps   |
| Thallium   | 205-1 | 383     | 375     | 275     | 344     | 17.50    | cps   |
| Tin        | 118-1 | 400     | 258     | 383     | 347     | 22.30    | cps   |
| Titanium   | 47-1  | 183     | 225     | 217     | 208     | 10.58    | cps   |
| Uranium    | 238-1 | 150     | 100     | 83      | 111     | 31.23    | cps   |
| Vanadium   | 51-2  | 63      | 60      | 73      | 66      | 10.58    | cps   |
| Yttrium    | 89-1  | 5386771 | 5292607 | 5292856 | 5324078 | 1.02     | cps   |
| Yttrium    | 89-2  | 745267  | 757174  | 750488  | 750976  | 0.79     | cps   |
| Zinc       | 66-2  | 37826   | 37224   | 37859   | 37636   | 0.95     | cps   |
| Zirconium  | 90-1  | 417     | 433     | 525     | 458     | 12.73    | cps   |

|                         |                      |                   |                     |
|-------------------------|----------------------|-------------------|---------------------|
| LB Number :             | LB88853              | Operator :        | Jaswal              |
| Lab Sample ID :         | I4279-16             | Instrumnet Name : | P7                  |
| Client Sample ID :      | DC3126-55-FL3-BRM-W; | Dilution Factor : | 1                   |
| Date & Time Acquired :: | 2017-07-19 23:56:23  | DataFile Name :   | 183SMPL_P7071917 -M |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|-----------|------|------|------|------|---------|--------|-------|
| Zirconium | 91-1 | 133  | 58   | 133  | 108     | 39.97  | cps   |



|                         |                     |                   |                     |
|-------------------------|---------------------|-------------------|---------------------|
| LB Number :             | LB88853             | Operator :        | Jaswal              |
| Lab Sample ID :         | I4279-17            | Instrumnet Name : | P7                  |
| Client Sample ID :      | DC3126-56-FL3-BRM-W | Dilution Factor : | 1                   |
| Date & Time Acquired :: | 2017-07-19 23:59:55 | DataFile Name :   | 184SMPL_P7071917 -M |

| Parameter  | Mass  | CPS1    | CPS2    | CPS3    | CPSMean | CPSRSD | Units |
|------------|-------|---------|---------|---------|---------|--------|-------|
| Aluminium  | 27-2  | 167     | 117     | 175     | 153     | 20.65  | cps   |
| Antimony   | 121-1 | 1550    | 1667    | 1483    | 1567    | 5.92   | cps   |
| Arsenic    | 75-2  | 28      | 33      | 26      | 29      | 13.27  | cps   |
| Barium     | 135-1 | 29298   | 28847   | 28831   | 28992   | 0.92   | cps   |
| Barium     | 137-1 | 52040   | 48996   | 50401   | 50479   | 3.02   | cps   |
| Beryllium  | 9-1   | 67      | 39      | 44      | 50      | 29.40  | cps   |
| Bismuth    | 209-1 | 5391293 | 5288042 | 5280655 | 5319997 | 1.16   | cps   |
| Bismuth    | 209-2 | 2964843 | 2893218 | 2945872 | 2934644 | 1.26   | cps   |
| Boron      | 10-1  | 483     | 458     | 550     | 497     | 9.53   | cps   |
| Boron      | 11-1  | 1867    | 1892    | 2000    | 1920    | 3.69   | cps   |
| Cadmium    | 111-1 | 1469    | 1431    | 1338    | 1413    | 4.77   | cps   |
| Cadmium    | 106-1 | 1950    | 1942    | 1725    | 1872    | 6.81   | cps   |
| Cadmium    | 108-1 | 54      | 46      | 46      | 49      | 9.91   | cps   |
| Calcium    | 43-1  | 83929   | 84860   | 83888   | 84226   | 0.65   | cps   |
| Calcium    | 44-1  | 1384839 | 1372859 | 1372536 | 1376745 | 0.51   | cps   |
| Chromium   | 52-2  | 247     | 243     | 280     | 257     | 7.90   | cps   |
| Cobalt     | 59-2  | 210     | 207     | 260     | 226     | 13.25  | cps   |
| Copper     | 63-2  | 1069051 | 1056629 | 1064467 | 1063382 | 0.59   | cps   |
| Dysprosium | 156-1 | 0       | 0       | 8       | 3       | 173.21 | cps   |
| Dysprosium | 156-2 | 10      | 13      | 3       | 9       | 57.30  | cps   |
| Erbium     | 164-1 | 50      | 17      | 33      | 33      | 50.00  | cps   |
| Erbium     | 164-2 | 17      | 7       | 13      | 12      | 41.65  | cps   |
| Gadolinium | 160-1 | 42      | 33      | 58      | 44      | 28.65  | cps   |
| Gadolinium | 160-2 | 80      | 70      | 40      | 63      | 32.87  | cps   |
| Holmium    | 165-1 | 8162460 | 8073143 | 8109527 | 8115043 | 0.55   | cps   |
| Holmium    | 165-2 | 3725500 | 3644278 | 3725768 | 3698515 | 1.27   | cps   |
| Indium     | 115-1 | 5649642 | 5573733 | 5535208 | 5586194 | 1.04   | cps   |
| Indium     | 115-2 | 1051422 | 1026645 | 1048268 | 1042112 | 1.29   | cps   |
| Iron       | 56-2  | 11155   | 11005   | 10432   | 10864   | 3.51   | cps   |
| Iron       | 57-2  | 528     | 472     | 567     | 522     | 9.09   | cps   |
| Lead       | 206-1 | 18224   | 18296   | 17901   | 18141   | 1.16   | cps   |
| Lead       | 207-1 | 15787   | 14914   | 15487   | 15396   | 2.88   | cps   |
| Lead       | 208-1 | 72200   | 69316   | 70636   | 70717   | 2.04   | cps   |
| Lithium    | 6-1   | 791038  | 786842  | 776260  | 784713  | 0.97   | cps   |
| Magnesium  | 24-2  | 120809  | 118457  | 120202  | 119823  | 1.02   | cps   |
| Manganese  | 55-2  | 17731   | 17657   | 17537   | 17642   | 0.55   | cps   |

|                         |                     |                   |                     |
|-------------------------|---------------------|-------------------|---------------------|
| LB Number :             | LB88853             | Operator :        | Jaswal              |
| Lab Sample ID :         | I4279-17            | Instrumnet Name : | P7                  |
| Client Sample ID :      | DC3126-56-FL3-BRM-W | Dilution Factor : | 1                   |
| Date & Time Acquired :: | 2017-07-19 23:59:55 | DataFile Name :   | 184SMPL_P7071917 -M |

| Parameter  | Mass  | CPS1    | CPS2    | CPS3    | CPSMean | CPSRSD | Units |
|------------|-------|---------|---------|---------|---------|--------|-------|
| Molybdenum | 94-1  | 233     | 225     | 275     | 244     | 10.96  | cps   |
| Molybdenum | 95-1  | 117     | 150     | 142     | 136     | 12.75  | cps   |
| Molybdenum | 96-1  | 233     | 175     | 225     | 211     | 14.94  | cps   |
| Molybdenum | 97-1  | 75      | 67      | 67      | 69      | 6.93   | cps   |
| Molybdenum | 98-1  | 217     | 217     | 200     | 211     | 4.56   | cps   |
| Neodymium  | 150-1 | 20      | 27      | 13      | 20      | 33.35  | cps   |
| Neodymium  | 150-2 | 0       | 0       | 3       | 1       | 173.21 | cps   |
| Nickel     | 60-2  | 13410   | 13436   | 13787   | 13544   | 1.55   | cps   |
| Phosphorus | 31-2  | 442     | 308     | 392     | 381     | 17.70  | cps   |
| Potassium  | 39-2  | 67479   | 67412   | 69119   | 68004   | 1.42   | cps   |
| Rhodium    | 103-1 | 4875801 | 4812894 | 4796239 | 4828311 | 0.87   | cps   |
| Rhodium    | 103-2 | 2203692 | 2161118 | 2201503 | 2188771 | 1.10   | cps   |
| Scandium   | 45-1  | 2685280 | 2650150 | 2641127 | 2658852 | 0.88   | cps   |
| Scandium   | 45-2  | 114233  | 114582  | 114555  | 114457  | 0.17   | cps   |
| Selenium   | 77-2  | 0       | 0       | 0       | 0       | 0.00   | cps   |
| Selenium   | 78-2  | 61      | 31      | 30      | 41      | 43.36  | cps   |
| Selenium   | 82-1  | 2       | -16     | 58      | 14      | 267.93 | cps   |
| Silicon    | 28-1  | 3106490 | 3083062 | 3076815 | 3088789 | 0.51   | cps   |
| Silver     | 109-1 | 133     | 183     | 150     | 156     | 16.37  | cps   |
| Silver     | 107-1 | 175     | 133     | 150     | 153     | 13.73  | cps   |
| Sodium     | 23-2  | 1774266 | 1753584 | 1768252 | 1765367 | 0.60   | cps   |
| Strontium  | 86-1  | 40692   | 40817   | 39672   | 40394   | 1.55   | cps   |
| Strontium  | 88-1  | 356519  | 349685  | 348499  | 351567  | 1.23   | cps   |
| Sulfur     | 34-1  | 211161  | 209418  | 210610  | 210396  | 0.42   | cps   |
| Terbium    | 159-1 | 8390008 | 8341916 | 8201248 | 8311057 | 1.18   | cps   |
| Terbium    | 159-2 | 3643988 | 3586967 | 3634941 | 3621965 | 0.85   | cps   |
| Thallium   | 203-1 | 192     | 108     | 142     | 147     | 28.49  | cps   |
| Thallium   | 205-1 | 417     | 425     | 408     | 417     | 2.00   | cps   |
| Tin        | 118-1 | 1183    | 1117    | 1217    | 1172    | 4.34   | cps   |
| Titanium   | 47-1  | 150     | 125     | 192     | 156     | 21.65  | cps   |
| Uranium    | 238-1 | 75      | 58      | 100     | 78      | 26.96  | cps   |
| Vanadium   | 51-2  | 83      | 33      | 50      | 56      | 45.83  | cps   |
| Yttrium    | 89-1  | 5527017 | 5436761 | 5406818 | 5456865 | 1.15   | cps   |
| Yttrium    | 89-2  | 753049  | 737728  | 758499  | 749759  | 1.44   | cps   |
| Zinc       | 66-2  | 244910  | 244651  | 246098  | 245220  | 0.31   | cps   |
| Zirconium  | 90-1  | 575     | 392     | 492     | 486     | 18.88  | cps   |

|                         |                     |                   |                     |
|-------------------------|---------------------|-------------------|---------------------|
| LB Number :             | LB88853             | Operator :        | Jaswal              |
| Lab Sample ID :         | I4279-17            | Instrumnet Name : | P7                  |
| Client Sample ID :      | DC3126-56-FL3-BRM-W | Dilution Factor : | 1                   |
| Date & Time Acquired :: | 2017-07-19 23:59:55 | DataFile Name :   | 184SMPL_P7071917 -M |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|-----------|------|------|------|------|---------|--------|-------|
| Zirconium | 91-1 | 117  | 100  | 92   | 103     | 12.38  | cps   |

LB Number : LB88853 Operator : Jaswal  
 Lab Sample ID : I4279-18 Instrumnet Name : P7  
 Client Sample ID : DC3126-57-FL3-BRM-W Dilution Factor : 1  
 Date & Time Acquired :: 2017-07-20 00:03:28 DataFile Name : 185SMPL\_P7071917 -M

| Parameter  | Mass  | CPS1    | CPS2    | CPS3    | CPSMean | CPSRSD | Units |
|------------|-------|---------|---------|---------|---------|--------|-------|
| Aluminium  | 27-2  | 258     | 167     | 183     | 203     | 24.08  | cps   |
| Antimony   | 121-1 | 1158    | 1125    | 1200    | 1161    | 3.24   | cps   |
| Arsenic    | 75-2  | 39      | 30      | 24      | 31      | 24.26  | cps   |
| Barium     | 135-1 | 27695   | 27612   | 28455   | 27921   | 1.66   | cps   |
| Barium     | 137-1 | 49723   | 49188   | 49054   | 49322   | 0.72   | cps   |
| Beryllium  | 9-1   | 28      | 17      | 39      | 28      | 39.99  | cps   |
| Bismuth    | 209-1 | 5408181 | 5319214 | 5272105 | 5333167 | 1.30   | cps   |
| Bismuth    | 209-2 | 2920653 | 2925917 | 2932074 | 2926215 | 0.20   | cps   |
| Boron      | 10-1  | 325     | 375     | 367     | 356     | 7.53   | cps   |
| Boron      | 11-1  | 1700    | 1575    | 2042    | 1772    | 13.63  | cps   |
| Cadmium    | 111-1 | 1253    | 1284    | 1335    | 1291    | 3.21   | cps   |
| Cadmium    | 106-1 | 1667    | 1742    | 1825    | 1745    | 4.54   | cps   |
| Cadmium    | 108-1 | 38      | 21      | 25      | 28      | 31.23  | cps   |
| Calcium    | 43-1  | 83033   | 81777   | 81600   | 82136   | 0.95   | cps   |
| Calcium    | 44-1  | 1351300 | 1333682 | 1332866 | 1339283 | 0.78   | cps   |
| Chromium   | 52-2  | 337     | 280     | 293     | 303     | 9.77   | cps   |
| Cobalt     | 59-2  | 147     | 170     | 150     | 156     | 8.11   | cps   |
| Copper     | 63-2  | 802156  | 810071  | 804827  | 805685  | 0.50   | cps   |
| Dysprosium | 156-1 | 17      | 8       | 17      | 14      | 34.67  | cps   |
| Dysprosium | 156-2 | 17      | 0       | 7       | 8       | 107.84 | cps   |
| Erbium     | 164-1 | 17      | 17      | 75      | 36      | 93.25  | cps   |
| Erbium     | 164-2 | 13      | 13      | 33      | 20      | 57.74  | cps   |
| Gadolinium | 160-1 | 25      | 75      | 42      | 47      | 53.91  | cps   |
| Gadolinium | 160-2 | 63      | 60      | 40      | 54      | 23.18  | cps   |
| Holmium    | 165-1 | 8217984 | 8124175 | 8045588 | 8129249 | 1.06   | cps   |
| Holmium    | 165-2 | 3648830 | 3679424 | 3715468 | 3681241 | 0.91   | cps   |
| Indium     | 115-1 | 5687886 | 5596447 | 5553588 | 5612640 | 1.22   | cps   |
| Indium     | 115-2 | 1042568 | 1044270 | 1044822 | 1043887 | 0.11   | cps   |
| Iron       | 56-2  | 14937   | 13085   | 13978   | 14000   | 6.62   | cps   |
| Iron       | 57-2  | 672     | 633     | 517     | 607     | 13.33  | cps   |
| Lead       | 206-1 | 8575    | 8642    | 8509    | 8575    | 0.78   | cps   |
| Lead       | 207-1 | 7563    | 7113    | 7558    | 7412    | 3.49   | cps   |
| Lead       | 208-1 | 34257   | 33295   | 34735   | 34096   | 2.15   | cps   |
| Lithium    | 6-1   | 794694  | 784325  | 775645  | 784888  | 1.22   | cps   |
| Magnesium  | 24-2  | 118986  | 117289  | 116585  | 117620  | 1.05   | cps   |
| Manganese  | 55-2  | 16386   | 16529   | 16206   | 16374   | 0.99   | cps   |

LB Number : LB88853 Operator : Jaswal  
 Lab Sample ID : I4279-18 Instrumnet Name : P7  
 Client Sample ID : DC3126-57-FL3-BRM-W Dilution Factor : 1  
 Date & Time Acquired :: 2017-07-20 00:03:28 DataFile Name : 185SMPL\_P7071917 -M

| Parameter  | Mass  | CPS1    | CPS2    | CPS3    | CPSMean | CPSRSD  | Units |
|------------|-------|---------|---------|---------|---------|---------|-------|
| Molybdenum | 94-1  | 300     | 250     | 192     | 247     | 21.93   | cps   |
| Molybdenum | 95-1  | 108     | 133     | 142     | 128     | 13.57   | cps   |
| Molybdenum | 96-1  | 208     | 158     | 150     | 172     | 18.32   | cps   |
| Molybdenum | 97-1  | 83      | 92      | 83      | 86      | 5.58    | cps   |
| Molybdenum | 98-1  | 183     | 275     | 292     | 250     | 23.33   | cps   |
| Neodymium  | 150-1 | 7       | 20      | 0       | 9       | 114.55  | cps   |
| Neodymium  | 150-2 | 0       | 0       | 10      | 3       | 173.21  | cps   |
| Nickel     | 60-2  | 8413    | 8332    | 8256    | 8334    | 0.94    | cps   |
| Phosphorus | 31-2  | 700     | 683     | 742     | 708     | 4.24    | cps   |
| Potassium  | 39-2  | 68769   | 70233   | 72452   | 70485   | 2.63    | cps   |
| Rhodium    | 103-1 | 4887818 | 4817306 | 4783830 | 4829652 | 1.10    | cps   |
| Rhodium    | 103-2 | 2174200 | 2179347 | 2185368 | 2179638 | 0.26    | cps   |
| Scandium   | 45-1  | 2711170 | 2666975 | 2597059 | 2658401 | 2.16    | cps   |
| Scandium   | 45-2  | 114253  | 116567  | 116446  | 115755  | 1.13    | cps   |
| Selenium   | 77-2  | 0       | 0       | 0       | 0       | 0.00    | cps   |
| Selenium   | 78-2  | 39      | 39      | 65      | 48      | 31.50   | cps   |
| Selenium   | 82-1  | 13      | -36     | 34      | 3       | 1027.79 | cps   |
| Silicon    | 28-1  | 3109221 | 3081534 | 3068496 | 3086417 | 0.67    | cps   |
| Silver     | 109-1 | 142     | 225     | 117     | 161     | 35.21   | cps   |
| Silver     | 107-1 | 217     | 225     | 208     | 217     | 3.85    | cps   |
| Sodium     | 23-2  | 1768024 | 1757127 | 1765207 | 1763452 | 0.32    | cps   |
| Strontium  | 86-1  | 40165   | 39204   | 39263   | 39544   | 1.36    | cps   |
| Strontium  | 88-1  | 345185  | 345886  | 343235  | 344768  | 0.40    | cps   |
| Sulfur     | 34-1  | 209257  | 209656  | 208085  | 208999  | 0.39    | cps   |
| Terbium    | 159-1 | 8375611 | 8212636 | 8303782 | 8297343 | 0.98    | cps   |
| Terbium    | 159-2 | 3616898 | 3621662 | 3636389 | 3624983 | 0.28    | cps   |
| Thallium   | 203-1 | 150     | 192     | 108     | 150     | 27.78   | cps   |
| Thallium   | 205-1 | 292     | 383     | 333     | 336     | 13.66   | cps   |
| Tin        | 118-1 | 992     | 1092    | 892     | 992     | 10.09   | cps   |
| Titanium   | 47-1  | 250     | 175     | 175     | 200     | 21.65   | cps   |
| Uranium    | 238-1 | 100     | 58      | 117     | 92      | 32.77   | cps   |
| Vanadium   | 51-2  | 83      | 70      | 70      | 74      | 10.35   | cps   |
| Yttrium    | 89-1  | 5546851 | 5443536 | 5418639 | 5469675 | 1.24    | cps   |
| Yttrium    | 89-2  | 748634  | 752181  | 755898  | 752238  | 0.48    | cps   |
| Zinc       | 66-2  | 151920  | 153443  | 152136  | 152499  | 0.54    | cps   |
| Zirconium  | 90-1  | 567     | 458     | 483     | 503     | 11.28   | cps   |

|                         |                     |                   |                     |
|-------------------------|---------------------|-------------------|---------------------|
| LB Number :             | LB88853             | Operator :        | Jaswal              |
| Lab Sample ID :         | I4279-18            | Instrumnet Name : | P7                  |
| Client Sample ID :      | DC3126-57-FL3-BRM-W | Dilution Factor : | 1                   |
| Date & Time Acquired :: | 2017-07-20 00:03:28 | DataFile Name :   | 185SMPL_P7071917 -M |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|-----------|------|------|------|------|---------|--------|-------|
| Zirconium | 91-1 | 167  | 117  | 142  | 142     | 17.65  | cps   |

LB Number : LB88853 Operator : Jaswal  
 Lab Sample ID : I4279-19 Instrumnet Name : P7  
 Client Sample ID : DC3126-58-FL5-BR534-1 Dilution Factor : 1  
 Date & Time Acquired :: 2017-07-20 00:07:00 DataFile Name : 186SMPL\_P7071917 -M1

| Parameter  | Mass  | CPS1    | CPS2    | CPS3    | CPSMean | CPSRSD | Units |
|------------|-------|---------|---------|---------|---------|--------|-------|
| Aluminium  | 27-2  | 983     | 1033    | 917     | 978     | 5.99   | cps   |
| Antimony   | 121-1 | 442     | 417     | 317     | 392     | 16.89  | cps   |
| Arsenic    | 75-2  | 44      | 59      | 72      | 59      | 23.70  | cps   |
| Barium     | 135-1 | 29657   | 30259   | 29415   | 29777   | 1.46   | cps   |
| Barium     | 137-1 | 51513   | 50234   | 51136   | 50961   | 1.29   | cps   |
| Beryllium  | 9-1   | 56      | 17      | 33      | 35      | 55.45  | cps   |
| Bismuth    | 209-1 | 5818432 | 5370177 | 5218811 | 5469140 | 5.70   | cps   |
| Bismuth    | 209-2 | 2949968 | 2912600 | 2832585 | 2898385 | 2.07   | cps   |
| Boron      | 10-1  | 300     | 383     | 492     | 392     | 24.54  | cps   |
| Boron      | 11-1  | 1975    | 1834    | 2025    | 1945    | 5.11   | cps   |
| Cadmium    | 111-1 | 1550    | 1258    | 1108    | 1305    | 17.20  | cps   |
| Cadmium    | 106-1 | 2159    | 1759    | 1533    | 1817    | 17.43  | cps   |
| Cadmium    | 108-1 | 4       | 8       | 4       | 6       | 43.22  | cps   |
| Calcium    | 43-1  | 70393   | 68534   | 70627   | 69852   | 1.64   | cps   |
| Calcium    | 44-1  | 1142512 | 1140492 | 1134864 | 1139289 | 0.35   | cps   |
| Chromium   | 52-2  | 350     | 327     | 407     | 361     | 11.39  | cps   |
| Cobalt     | 59-2  | 240     | 230     | 297     | 256     | 14.07  | cps   |
| Copper     | 63-2  | 368590  | 367960  | 367537  | 368029  | 0.14   | cps   |
| Dysprosium | 156-1 | 67      | 50      | 58      | 58      | 14.29  | cps   |
| Dysprosium | 156-2 | 10      | 27      | 47      | 28      | 66.09  | cps   |
| Erbium     | 164-1 | 50      | 50      | 100     | 67      | 43.31  | cps   |
| Erbium     | 164-2 | 13      | 33      | 30      | 26      | 41.94  | cps   |
| Gadolinium | 160-1 | 67      | 100     | 75      | 81      | 21.54  | cps   |
| Gadolinium | 160-2 | 60      | 67      | 67      | 64      | 5.98   | cps   |
| Holmium    | 165-1 | 8582251 | 8005630 | 7945276 | 8177719 | 4.30   | cps   |
| Holmium    | 165-2 | 3691382 | 3678499 | 3613660 | 3661180 | 1.14   | cps   |
| Indium     | 115-1 | 5949804 | 5570910 | 5457206 | 5659307 | 4.56   | cps   |
| Indium     | 115-2 | 1043394 | 1042767 | 1017094 | 1034418 | 1.45   | cps   |
| Iron       | 56-2  | 83812   | 83767   | 81186   | 82922   | 1.81   | cps   |
| Iron       | 57-2  | 2717    | 2289    | 2295    | 2434    | 10.10  | cps   |
| Lead       | 206-1 | 14158   | 14264   | 14391   | 14271   | 0.82   | cps   |
| Lead       | 207-1 | 11733   | 12267   | 11789   | 11930   | 2.46   | cps   |
| Lead       | 208-1 | 55831   | 56220   | 56304   | 56118   | 0.45   | cps   |
| Lithium    | 6-1   | 820972  | 781762  | 770584  | 791106  | 3.34   | cps   |
| Magnesium  | 24-2  | 104832  | 101752  | 105008  | 103864  | 1.76   | cps   |
| Manganese  | 55-2  | 12118   | 12309   | 11985   | 12137   | 1.34   | cps   |

|                         |                       |                   |                      |
|-------------------------|-----------------------|-------------------|----------------------|
| LB Number :             | LB88853               | Operator :        | Jaswal               |
| Lab Sample ID :         | I4279-19              | Instrumnet Name : | P7                   |
| Client Sample ID :      | DC3126-58-FL5-BR534-1 | Dilution Factor : | 1                    |
| Date & Time Acquired :: | 2017-07-20 00:07:00   | DataFile Name :   | 186SMPL_P7071917 -M1 |

| Parameter  | Mass  | CPS1    | CPS2    | CPS3    | CPSMean | CPSRSD | Units |
|------------|-------|---------|---------|---------|---------|--------|-------|
| Molybdenum | 94-1  | 250     | 292     | 242     | 261     | 10.26  | cps   |
| Molybdenum | 95-1  | 75      | 108     | 108     | 97      | 19.80  | cps   |
| Molybdenum | 96-1  | 150     | 150     | 192     | 164     | 14.68  | cps   |
| Molybdenum | 97-1  | 42      | 58      | 117     | 72      | 54.52  | cps   |
| Molybdenum | 98-1  | 225     | 183     | 142     | 183     | 22.73  | cps   |
| Neodymium  | 150-1 | 33      | 20      | 53      | 36      | 47.20  | cps   |
| Neodymium  | 150-2 | 10      | 3       | 7       | 7       | 50.03  | cps   |
| Nickel     | 60-2  | 953     | 1003    | 957     | 971     | 2.88   | cps   |
| Phosphorus | 31-2  | 1233    | 1658    | 1392    | 1428    | 15.04  | cps   |
| Potassium  | 39-2  | 66182   | 66466   | 65922   | 66190   | 0.41   | cps   |
| Rhodium    | 103-1 | 5090527 | 4864181 | 4722411 | 4892373 | 3.80   | cps   |
| Rhodium    | 103-2 | 2190276 | 2184610 | 2127583 | 2167490 | 1.60   | cps   |
| Scandium   | 45-1  | 2844325 | 2648546 | 2574043 | 2688971 | 5.19   | cps   |
| Scandium   | 45-2  | 116994  | 117390  | 113051  | 115812  | 2.07   | cps   |
| Selenium   | 77-2  | 0       | 0       | 0       | 0       | 0.00   | cps   |
| Selenium   | 78-2  | 57      | 44      | 39      | 47      | 20.26  | cps   |
| Selenium   | 82-1  | 53      | 31      | -18     | 22      | 162.27 | cps   |
| Silicon    | 28-1  | 2790874 | 2714938 | 2736041 | 2747285 | 1.43   | cps   |
| Silver     | 109-1 | 350     | 350     | 258     | 319     | 16.57  | cps   |
| Silver     | 107-1 | 367     | 408     | 283     | 353     | 18.04  | cps   |
| Sodium     | 23-2  | 1686959 | 1684681 | 1681922 | 1684520 | 0.15   | cps   |
| Strontium  | 86-1  | 34175   | 33540   | 33206   | 33640   | 1.46   | cps   |
| Strontium  | 88-1  | 290388  | 290825  | 288843  | 290018  | 0.36   | cps   |
| Sulfur     | 34-1  | 206979  | 208725  | 208869  | 208191  | 0.51   | cps   |
| Terbium    | 159-1 | 8731885 | 8204155 | 8120304 | 8352115 | 3.97   | cps   |
| Terbium    | 159-2 | 3626642 | 3590433 | 3537245 | 3584773 | 1.25   | cps   |
| Thallium   | 203-1 | 158     | 125     | 133     | 139     | 12.49  | cps   |
| Thallium   | 205-1 | 300     | 225     | 333     | 286     | 19.39  | cps   |
| Tin        | 118-1 | 2275    | 2075    | 2075    | 2142    | 5.39   | cps   |
| Titanium   | 47-1  | 475     | 358     | 375     | 403     | 15.67  | cps   |
| Uranium    | 238-1 | 392     | 333     | 242     | 322     | 23.47  | cps   |
| Vanadium   | 51-2  | 117     | 100     | 133     | 117     | 14.29  | cps   |
| Yttrium    | 89-1  | 5802590 | 5466418 | 5361227 | 5543412 | 4.16   | cps   |
| Yttrium    | 89-2  | 752531  | 753905  | 735483  | 747307  | 1.37   | cps   |
| Zinc       | 66-2  | 19009   | 18672   | 18362   | 18681   | 1.73   | cps   |
| Zirconium  | 90-1  | 575     | 667     | 517     | 586     | 12.90  | cps   |



|                         |                       |                   |                     |
|-------------------------|-----------------------|-------------------|---------------------|
| LB Number :             | LB88853               | Operator :        | Jaswal              |
| Lab Sample ID :         | I4279-19              | Instrumnet Name : | P7                  |
| Client Sample ID :      | DC3126-58-FL5-BR534-\ | Dilution Factor : | 1                   |
| Date & Time Acquired :: | 2017-07-20 00:07:00   | DataFile Name :   | 186SMPL_P7071917 -M |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|-----------|------|------|------|------|---------|--------|-------|
| Zirconium | 91-1 | 200  | 108  | 150  | 153     | 30.04  | cps   |

LB Number : LB88853 Operator : Jaswal  
 Lab Sample ID : I4279-20 Instrumnet Name : P7  
 Client Sample ID : DC3126-59-FL5-BR534-1 Dilution Factor : 1  
 Date & Time Acquired :: 2017-07-20 00:10:32 DataFile Name : 187SMPL\_P7071917 -M1

| Parameter  | Mass  | CPS1    | CPS2    | CPS3    | CPSMean | CPSRSD | Units |
|------------|-------|---------|---------|---------|---------|--------|-------|
| Aluminium  | 27-2  | 558     | 700     | 592     | 617     | 12.01  | cps   |
| Antimony   | 121-1 | 433     | 292     | 367     | 364     | 19.48  | cps   |
| Arsenic    | 75-2  | 50      | 48      | 37      | 45      | 15.56  | cps   |
| Barium     | 135-1 | 29382   | 29257   | 28564   | 29067   | 1.52   | cps   |
| Barium     | 137-1 | 51037   | 50250   | 49096   | 50127   | 1.95   | cps   |
| Beryllium  | 9-1   | 56      | 39      | 28      | 41      | 34.32  | cps   |
| Bismuth    | 209-1 | 5220850 | 5270793 | 5304998 | 5265547 | 0.80   | cps   |
| Bismuth    | 209-2 | 2888765 | 2901537 | 2911044 | 2900449 | 0.39   | cps   |
| Boron      | 10-1  | 342     | 342     | 383     | 356     | 6.77   | cps   |
| Boron      | 11-1  | 1567    | 1750    | 1800    | 1706    | 7.20   | cps   |
| Cadmium    | 111-1 | 1271    | 1171    | 1145    | 1195    | 5.56   | cps   |
| Cadmium    | 106-1 | 1784    | 1667    | 1634    | 1695    | 4.65   | cps   |
| Cadmium    | 108-1 | 4       | 13      | 4       | 7       | 69.23  | cps   |
| Calcium    | 43-1  | 69237   | 69824   | 70016   | 69692   | 0.58   | cps   |
| Calcium    | 44-1  | 1160329 | 1142463 | 1142569 | 1148454 | 0.90   | cps   |
| Chromium   | 52-2  | 307     | 320     | 377     | 334     | 11.11  | cps   |
| Cobalt     | 59-2  | 87      | 117     | 90      | 98      | 16.82  | cps   |
| Copper     | 63-2  | 168331  | 167553  | 167155  | 167680  | 0.36   | cps   |
| Dysprosium | 156-1 | 42      | 58      | 17      | 39      | 53.93  | cps   |
| Dysprosium | 156-2 | 37      | 3       | 3       | 14      | 133.27 | cps   |
| Erbium     | 164-1 | 67      | 42      | 58      | 56      | 22.91  | cps   |
| Erbium     | 164-2 | 27      | 20      | 40      | 29      | 35.25  | cps   |
| Gadolinium | 160-1 | 50      | 92      | 117     | 86      | 39.11  | cps   |
| Gadolinium | 160-2 | 57      | 73      | 87      | 72      | 20.81  | cps   |
| Holmium    | 165-1 | 8094268 | 8039801 | 8175743 | 8103271 | 0.84   | cps   |
| Holmium    | 165-2 | 3650829 | 3665384 | 3687014 | 3667742 | 0.50   | cps   |
| Indium     | 115-1 | 5593060 | 5615199 | 5570047 | 5592769 | 0.40   | cps   |
| Indium     | 115-2 | 1035335 | 1038853 | 1038498 | 1037562 | 0.19   | cps   |
| Iron       | 56-2  | 35171   | 34948   | 34079   | 34733   | 1.66   | cps   |
| Iron       | 57-2  | 1089    | 1106    | 1128    | 1107    | 1.76   | cps   |
| Lead       | 206-1 | 3717    | 3601    | 3673    | 3664    | 1.61   | cps   |
| Lead       | 207-1 | 3312    | 3267    | 3484    | 3354    | 3.41   | cps   |
| Lead       | 208-1 | 14704   | 14670   | 14870   | 14748   | 0.73   | cps   |
| Lithium    | 6-1   | 776704  | 782660  | 782644  | 780669  | 0.44   | cps   |
| Magnesium  | 24-2  | 100737  | 100024  | 102690  | 101150  | 1.36   | cps   |
| Manganese  | 55-2  | 10040   | 10057   | 10014   | 10037   | 0.22   | cps   |

LB Number : LB88853 Operator : Jaswal  
 Lab Sample ID : I4279-20 Instrumnet Name : P7  
 Client Sample ID : DC3126-59-FL5-BR534-1 Dilution Factor : 1  
 Date & Time Acquired :: 2017-07-20 00:10:32 DataFile Name : 187SMPL\_P7071917 -M1

| Parameter  | Mass  | CPS1    | CPS2    | CPS3    | CPSMean | CPSRSD  | Units |
|------------|-------|---------|---------|---------|---------|---------|-------|
| Molybdenum | 94-1  | 333     | 242     | 158     | 244     | 35.81   | cps   |
| Molybdenum | 95-1  | 133     | 50      | 75      | 86      | 49.66   | cps   |
| Molybdenum | 96-1  | 150     | 192     | 175     | 172     | 12.18   | cps   |
| Molybdenum | 97-1  | 133     | 100     | 75      | 103     | 28.48   | cps   |
| Molybdenum | 98-1  | 133     | 117     | 133     | 128     | 7.53    | cps   |
| Neodymium  | 150-1 | 20      | 33      | 40      | 31      | 32.73   | cps   |
| Neodymium  | 150-2 | 3       | 17      | 7       | 9       | 78.08   | cps   |
| Nickel     | 60-2  | 340     | 430     | 357     | 376     | 12.75   | cps   |
| Phosphorus | 31-2  | 1308    | 1200    | 1417    | 1308    | 8.28    | cps   |
| Potassium  | 39-2  | 66902   | 66307   | 65462   | 66224   | 1.09    | cps   |
| Rhodium    | 103-1 | 4795829 | 4842798 | 4823281 | 4820636 | 0.49    | cps   |
| Rhodium    | 103-2 | 2163662 | 2174796 | 2180245 | 2172901 | 0.39    | cps   |
| Scandium   | 45-1  | 2606991 | 2649003 | 2648742 | 2634912 | 0.92    | cps   |
| Scandium   | 45-2  | 114897  | 114954  | 115167  | 115006  | 0.12    | cps   |
| Selenium   | 77-2  | 0       | 0       | 0       | 0       | 0.00    | cps   |
| Selenium   | 78-2  | 50      | 35      | 39      | 41      | 18.64   | cps   |
| Selenium   | 82-1  | -15     | -1      | 0       | -5      | -167.07 | cps   |
| Silicon    | 28-1  | 2645618 | 2646145 | 2597466 | 2629743 | 1.06    | cps   |
| Silver     | 109-1 | 142     | 242     | 192     | 192     | 26.09   | cps   |
| Silver     | 107-1 | 175     | 258     | 200     | 211     | 20.26   | cps   |
| Sodium     | 23-2  | 1692521 | 1704005 | 1692334 | 1696287 | 0.39    | cps   |
| Strontium  | 86-1  | 34234   | 33398   | 33841   | 33824   | 1.24    | cps   |
| Strontium  | 88-1  | 293138  | 292714  | 289949  | 291934  | 0.59    | cps   |
| Sulfur     | 34-1  | 207879  | 209554  | 209393  | 208942  | 0.44    | cps   |
| Terbium    | 159-1 | 8229450 | 8239846 | 8271264 | 8246853 | 0.26    | cps   |
| Terbium    | 159-2 | 3597543 | 3595240 | 3614000 | 3602261 | 0.28    | cps   |
| Thallium   | 203-1 | 158     | 125     | 150     | 144     | 12.01   | cps   |
| Thallium   | 205-1 | 333     | 250     | 258     | 281     | 16.36   | cps   |
| Tin        | 118-1 | 283     | 300     | 400     | 328     | 19.25   | cps   |
| Titanium   | 47-1  | 267     | 358     | 333     | 319     | 14.83   | cps   |
| Uranium    | 238-1 | 267     | 233     | 208     | 236     | 12.40   | cps   |
| Vanadium   | 51-2  | 67      | 103     | 80      | 83      | 22.27   | cps   |
| Yttrium    | 89-1  | 5444366 | 5468109 | 5467533 | 5460002 | 0.25    | cps   |
| Yttrium    | 89-2  | 747563  | 750509  | 750457  | 749510  | 0.22    | cps   |
| Zinc       | 66-2  | 2767    | 2764    | 2910    | 2814    | 2.98    | cps   |
| Zirconium  | 90-1  | 508     | 567     | 567     | 547     | 6.15    | cps   |

|                         |                       |                   |                     |
|-------------------------|-----------------------|-------------------|---------------------|
| LB Number :             | LB88853               | Operator :        | Jaswal              |
| Lab Sample ID :         | I4279-20              | Instrumnet Name : | P7                  |
| Client Sample ID :      | DC3126-59-FL5-BR534-\ | Dilution Factor : | 1                   |
| Date & Time Acquired :: | 2017-07-20 00:10:32   | DataFile Name :   | 187SMPL_P7071917 -M |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|-----------|------|------|------|------|---------|--------|-------|
| Zirconium | 91-1 | 108  | 75   | 117  | 100     | 22.05  | cps   |

LB Number : LB88853 Operator : Jaswal  
 Lab Sample ID : I4279-21 Instrumnet Name : P7  
 Client Sample ID : DC3126-60-FL5-TL-W2-F Dilution Factor : 1  
 Date & Time Acquired :: 2017-07-20 00:14:05 DataFile Name : 188SMPL\_P7071917 -M

| Parameter  | Mass  | CPS1    | CPS2    | CPS3    | CPSMean | CPSRSD | Units |
|------------|-------|---------|---------|---------|---------|--------|-------|
| Aluminium  | 27-2  | 508     | 525     | 450     | 494     | 7.97   | cps   |
| Antimony   | 121-1 | 1875    | 1817    | 1759    | 1817    | 3.21   | cps   |
| Arsenic    | 75-2  | 35      | 48      | 43      | 42      | 15.49  | cps   |
| Barium     | 135-1 | 27353   | 25925   | 26017   | 26432   | 3.02   | cps   |
| Barium     | 137-1 | 46537   | 46119   | 44898   | 45851   | 1.86   | cps   |
| Beryllium  | 9-1   | 50      | 28      | 39      | 39      | 28.57  | cps   |
| Bismuth    | 209-1 | 5225029 | 5231354 | 5223557 | 5226646 | 0.08   | cps   |
| Bismuth    | 209-2 | 2833598 | 2870033 | 2832109 | 2845247 | 0.75   | cps   |
| Boron      | 10-1  | 350     | 492     | 475     | 439     | 17.64  | cps   |
| Boron      | 11-1  | 2184    | 2167    | 2550    | 2300    | 9.42   | cps   |
| Cadmium    | 111-1 | 1366    | 1424    | 1349    | 1380    | 2.84   | cps   |
| Cadmium    | 106-1 | 1784    | 1892    | 1750    | 1809    | 4.10   | cps   |
| Cadmium    | 108-1 | 71      | 54      | 67      | 64      | 13.58  | cps   |
| Calcium    | 43-1  | 77829   | 73751   | 74772   | 75451   | 2.81   | cps   |
| Calcium    | 44-1  | 1238058 | 1217948 | 1219549 | 1225185 | 0.91   | cps   |
| Chromium   | 52-2  | 330     | 377     | 327     | 344     | 8.12   | cps   |
| Cobalt     | 59-2  | 330     | 307     | 387     | 341     | 12.06  | cps   |
| Copper     | 63-2  | 1157852 | 1156922 | 1150898 | 1155224 | 0.33   | cps   |
| Dysprosium | 156-1 | 33      | 17      | 17      | 22      | 43.28  | cps   |
| Dysprosium | 156-2 | 3       | 7       | 10      | 7       | 50.03  | cps   |
| Erbium     | 164-1 | 17      | 50      | 75      | 47      | 61.97  | cps   |
| Erbium     | 164-2 | 30      | 23      | 13      | 22      | 37.76  | cps   |
| Gadolinium | 160-1 | 100     | 75      | 133     | 103     | 28.48  | cps   |
| Gadolinium | 160-2 | 47      | 67      | 73      | 62      | 22.30  | cps   |
| Holmium    | 165-1 | 7995987 | 7963626 | 8060838 | 8006817 | 0.62   | cps   |
| Holmium    | 165-2 | 3622001 | 3622150 | 3610361 | 3618171 | 0.19   | cps   |
| Indium     | 115-1 | 5556792 | 5515666 | 5495984 | 5522814 | 0.56   | cps   |
| Indium     | 115-2 | 1018878 | 1015914 | 1015532 | 1016775 | 0.18   | cps   |
| Iron       | 56-2  | 49757   | 50118   | 49971   | 49949   | 0.36   | cps   |
| Iron       | 57-2  | 1433    | 1528    | 1483    | 1482    | 3.19   | cps   |
| Lead       | 206-1 | 18435   | 18497   | 18563   | 18498   | 0.35   | cps   |
| Lead       | 207-1 | 15799   | 16316   | 15955   | 16023   | 1.66   | cps   |
| Lead       | 208-1 | 72807   | 74182   | 74083   | 73691   | 1.04   | cps   |
| Lithium    | 6-1   | 775209  | 772697  | 771155  | 773020  | 0.26   | cps   |
| Magnesium  | 24-2  | 115205  | 116660  | 115619  | 115828  | 0.65   | cps   |
| Manganese  | 55-2  | 7519    | 7245    | 7292    | 7352    | 1.99   | cps   |

|                         |                       |                   |                     |
|-------------------------|-----------------------|-------------------|---------------------|
| LB Number :             | LB88853               | Operator :        | Jaswal              |
| Lab Sample ID :         | I4279-21              | Instrumnet Name : | P7                  |
| Client Sample ID :      | DC3126-60-FL5-TL-W2-F | Dilution Factor : | 1                   |
| Date & Time Acquired :: | 2017-07-20 00:14:05   | DataFile Name :   | 188SMPL_P7071917 -M |

| Parameter  | Mass  | CPS1    | CPS2    | CPS3    | CPSMean | CPSRSD | Units |
|------------|-------|---------|---------|---------|---------|--------|-------|
| Molybdenum | 94-1  | 242     | 208     | 358     | 269     | 29.23  | cps   |
| Molybdenum | 95-1  | 100     | 117     | 142     | 119     | 17.55  | cps   |
| Molybdenum | 96-1  | 217     | 142     | 225     | 194     | 23.61  | cps   |
| Molybdenum | 97-1  | 108     | 67      | 67      | 81      | 29.86  | cps   |
| Molybdenum | 98-1  | 108     | 158     | 208     | 158     | 31.58  | cps   |
| Neodymium  | 150-1 | 7       | 13      | 20      | 13      | 49.99  | cps   |
| Neodymium  | 150-2 | 3       | 3       | 10      | 6       | 69.34  | cps   |
| Nickel     | 60-2  | 8853    | 9080    | 9150    | 9027    | 1.72   | cps   |
| Phosphorus | 31-2  | 575     | 483     | 450     | 503     | 12.87  | cps   |
| Potassium  | 39-2  | 69689   | 70501   | 70878   | 70356   | 0.86   | cps   |
| Rhodium    | 103-1 | 4758462 | 4762224 | 4741514 | 4754067 | 0.23   | cps   |
| Rhodium    | 103-2 | 2147232 | 2139839 | 2134476 | 2140516 | 0.30   | cps   |
| Scandium   | 45-1  | 2617894 | 2626441 | 2626108 | 2623481 | 0.18   | cps   |
| Scandium   | 45-2  | 111724  | 111840  | 113497  | 112354  | 0.88   | cps   |
| Selenium   | 77-2  | 0       | 0       | 0       | 0       | 0.00   | cps   |
| Selenium   | 78-2  | 52      | 50      | 37      | 46      | 17.43  | cps   |
| Selenium   | 82-1  | 3       | 110     | 14      | 42      | 138.60 | cps   |
| Silicon    | 28-1  | 2875575 | 2848074 | 2841243 | 2854964 | 0.64   | cps   |
| Silver     | 109-1 | 525     | 492     | 492     | 503     | 3.83   | cps   |
| Silver     | 107-1 | 483     | 608     | 475     | 522     | 14.30  | cps   |
| Sodium     | 23-2  | 1743945 | 1736729 | 1736411 | 1739028 | 0.25   | cps   |
| Strontium  | 86-1  | 35729   | 35211   | 35796   | 35578   | 0.90   | cps   |
| Strontium  | 88-1  | 307379  | 304288  | 302738  | 304802  | 0.78   | cps   |
| Sulfur     | 34-1  | 206259  | 208651  | 206513  | 207141  | 0.63   | cps   |
| Terbium    | 159-1 | 8190223 | 8152714 | 8104446 | 8149127 | 0.53   | cps   |
| Terbium    | 159-2 | 3538349 | 3538313 | 3536409 | 3537691 | 0.03   | cps   |
| Thallium   | 203-1 | 150     | 167     | 175     | 164     | 7.77   | cps   |
| Thallium   | 205-1 | 492     | 333     | 467     | 431     | 19.77  | cps   |
| Tin        | 118-1 | 1100    | 975     | 1067    | 1047    | 6.18   | cps   |
| Titanium   | 47-1  | 175     | 250     | 158     | 194     | 25.11  | cps   |
| Uranium    | 238-1 | 183     | 192     | 167     | 181     | 7.05   | cps   |
| Vanadium   | 51-2  | 80      | 80      | 70      | 77      | 7.53   | cps   |
| Yttrium    | 89-1  | 5400656 | 5398661 | 5373213 | 5390844 | 0.28   | cps   |
| Yttrium    | 89-2  | 735883  | 735337  | 736840  | 736020  | 0.10   | cps   |
| Zinc       | 66-2  | 274958  | 274699  | 275107  | 274921  | 0.08   | cps   |
| Zirconium  | 90-1  | 508     | 450     | 467     | 475     | 6.33   | cps   |

|                         |                       |                   |                     |
|-------------------------|-----------------------|-------------------|---------------------|
| LB Number :             | LB88853               | Operator :        | Jaswal              |
| Lab Sample ID :         | I4279-21              | Instrumnet Name : | P7                  |
| Client Sample ID :      | DC3126-60-FL5-TL-W2-F | Dilution Factor : | 1                   |
| Date & Time Acquired :: | 2017-07-20 00:14:05   | DataFile Name :   | 188SMPL_P7071917 -M |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|-----------|------|------|------|------|---------|--------|-------|
| Zirconium | 91-1 | 83   | 117  | 117  | 106     | 18.23  | cps   |

LB Number : LB88853 Operator : Jaswal  
 Lab Sample ID : I4279-22 Instrumnet Name : P7  
 Client Sample ID : DC3126-61-FL5-TL-W2-F Dilution Factor : 1  
 Date & Time Acquired :: 2017-07-20 00:17:37 DataFile Name : 189SMPL\_P7071917 -M

| Parameter  | Mass  | CPS1    | CPS2    | CPS3    | CPSMean | CPSRSD | Units |
|------------|-------|---------|---------|---------|---------|--------|-------|
| Aluminium  | 27-2  | 300     | 217     | 250     | 256     | 16.41  | cps   |
| Antimony   | 121-1 | 2892    | 2875    | 2484    | 2750    | 8.40   | cps   |
| Arsenic    | 75-2  | 33      | 43      | 43      | 40      | 13.53  | cps   |
| Barium     | 135-1 | 26008   | 26468   | 26100   | 26192   | 0.93   | cps   |
| Barium     | 137-1 | 46019   | 45367   | 44815   | 45400   | 1.33   | cps   |
| Beryllium  | 9-1   | 33      | 44      | 50      | 43      | 19.93  | cps   |
| Bismuth    | 209-1 | 5296813 | 5193124 | 5155220 | 5215052 | 1.41   | cps   |
| Bismuth    | 209-2 | 2810349 | 2824707 | 2829424 | 2821493 | 0.35   | cps   |
| Boron      | 10-1  | 542     | 425     | 500     | 489     | 12.09  | cps   |
| Boron      | 11-1  | 2342    | 2284    | 2267    | 2298    | 1.71   | cps   |
| Cadmium    | 111-1 | 1360    | 1304    | 1391    | 1352    | 3.23   | cps   |
| Cadmium    | 106-1 | 1892    | 1784    | 1934    | 1870    | 4.14   | cps   |
| Cadmium    | 108-1 | 21      | 33      | 13      | 22      | 47.18  | cps   |
| Calcium    | 43-1  | 80712   | 78425   | 77705   | 78947   | 1.99   | cps   |
| Calcium    | 44-1  | 1314027 | 1288066 | 1282619 | 1294904 | 1.30   | cps   |
| Chromium   | 52-2  | 213     | 293     | 283     | 263     | 16.55  | cps   |
| Cobalt     | 59-2  | 207     | 183     | 237     | 209     | 12.80  | cps   |
| Copper     | 63-2  | 1664073 | 1654468 | 1657681 | 1658740 | 0.29   | cps   |
| Dysprosium | 156-1 | 25      | 8       | 8       | 14      | 69.31  | cps   |
| Dysprosium | 156-2 | 3       | 13      | 10      | 9       | 57.30  | cps   |
| Erbium     | 164-1 | 42      | 50      | 0       | 31      | 87.67  | cps   |
| Erbium     | 164-2 | 10      | 13      | 23      | 16      | 44.60  | cps   |
| Gadolinium | 160-1 | 75      | 50      | 67      | 64      | 19.92  | cps   |
| Gadolinium | 160-2 | 77      | 80      | 53      | 70      | 20.76  | cps   |
| Holmium    | 165-1 | 8103355 | 7908680 | 7860872 | 7957636 | 1.61   | cps   |
| Holmium    | 165-2 | 3539652 | 3561258 | 3588240 | 3563050 | 0.68   | cps   |
| Indium     | 115-1 | 5581427 | 5457797 | 5441358 | 5493527 | 1.39   | cps   |
| Indium     | 115-2 | 1007420 | 1008259 | 1014433 | 1010037 | 0.38   | cps   |
| Iron       | 56-2  | 10488   | 10304   | 10387   | 10393   | 0.89   | cps   |
| Iron       | 57-2  | 428     | 544     | 561     | 511     | 14.21  | cps   |
| Lead       | 206-1 | 12968   | 12812   | 12745   | 12842   | 0.89   | cps   |
| Lead       | 207-1 | 11578   | 11066   | 10966   | 11203   | 2.93   | cps   |
| Lead       | 208-1 | 52436   | 50850   | 50350   | 51212   | 2.13   | cps   |
| Lithium    | 6-1   | 779188  | 763008  | 761075  | 767757  | 1.30   | cps   |
| Magnesium  | 24-2  | 117919  | 117408  | 119960  | 118429  | 1.14   | cps   |
| Manganese  | 55-2  | 5945    | 5835    | 5878    | 5886    | 0.94   | cps   |



LB Number : LB88853 Operator : Jaswal  
 Lab Sample ID : I4279-22 Instrumnet Name : P7  
 Client Sample ID : DC3126-61-FL5-TL-W2-F Dilution Factor : 1  
 Date & Time Acquired :: 2017-07-20 00:17:37 DataFile Name : 189SMPL\_P7071917 -M

| Parameter  | Mass  | CPS1    | CPS2    | CPS3    | CPSMean | CPSRSD | Units |
|------------|-------|---------|---------|---------|---------|--------|-------|
| Molybdenum | 94-1  | 233     | 200     | 233     | 222     | 8.66   | cps   |
| Molybdenum | 95-1  | 192     | 125     | 158     | 158     | 21.05  | cps   |
| Molybdenum | 96-1  | 158     | 217     | 158     | 178     | 18.95  | cps   |
| Molybdenum | 97-1  | 125     | 167     | 50      | 114     | 51.91  | cps   |
| Molybdenum | 98-1  | 208     | 175     | 200     | 194     | 8.92   | cps   |
| Neodymium  | 150-1 | 13      | 7       | 13      | 11      | 34.61  | cps   |
| Neodymium  | 150-2 | 17      | 0       | 10      | 9       | 94.38  | cps   |
| Nickel     | 60-2  | 5141    | 5214    | 5208    | 5188    | 0.78   | cps   |
| Phosphorus | 31-2  | 242     | 242     | 267     | 250     | 5.77   | cps   |
| Potassium  | 39-2  | 71020   | 69990   | 71765   | 70925   | 1.26   | cps   |
| Rhodium    | 103-1 | 4850141 | 4722598 | 4701601 | 4758113 | 1.69   | cps   |
| Rhodium    | 103-2 | 2105866 | 2104502 | 2128283 | 2112884 | 0.63   | cps   |
| Scandium   | 45-1  | 2652652 | 2603561 | 2566862 | 2607691 | 1.65   | cps   |
| Scandium   | 45-2  | 112013  | 110880  | 112846  | 111913  | 0.88   | cps   |
| Selenium   | 77-2  | 3       | 0       | 0       | 1       | 173.21 | cps   |
| Selenium   | 78-2  | 30      | 46      | 44      | 40      | 22.77  | cps   |
| Selenium   | 82-1  | -7      | 8       | 39      | 13      | 177.35 | cps   |
| Silicon    | 28-1  | 3103411 | 3023636 | 3020623 | 3049223 | 1.54   | cps   |
| Silver     | 109-1 | 867     | 675     | 667     | 736     | 15.37  | cps   |
| Silver     | 107-1 | 908     | 650     | 825     | 795     | 16.60  | cps   |
| Sodium     | 23-2  | 1775901 | 1753677 | 1765074 | 1764884 | 0.63   | cps   |
| Strontium  | 86-1  | 36982   | 36857   | 36890   | 36910   | 0.18   | cps   |
| Strontium  | 88-1  | 324689  | 319363  | 318568  | 320873  | 1.04   | cps   |
| Sulfur     | 34-1  | 206377  | 206895  | 207576  | 206949  | 0.29   | cps   |
| Terbium    | 159-1 | 8233361 | 8048426 | 8141418 | 8141068 | 1.14   | cps   |
| Terbium    | 159-2 | 3483883 | 3507382 | 3511668 | 3500978 | 0.43   | cps   |
| Thallium   | 203-1 | 125     | 167     | 83      | 125     | 33.33  | cps   |
| Thallium   | 205-1 | 292     | 292     | 292     | 292     | 0.00   | cps   |
| Tin        | 118-1 | 500     | 533     | 517     | 517     | 3.23   | cps   |
| Titanium   | 47-1  | 133     | 133     | 142     | 136     | 3.53   | cps   |
| Uranium    | 238-1 | 92      | 200     | 108     | 133     | 43.75  | cps   |
| Vanadium   | 51-2  | 60      | 47      | 67      | 58      | 17.62  | cps   |
| Yttrium    | 89-1  | 5472546 | 5352949 | 5308182 | 5377892 | 1.58   | cps   |
| Yttrium    | 89-2  | 729874  | 729801  | 739388  | 733021  | 0.75   | cps   |
| Zinc       | 66-2  | 79736   | 79029   | 79076   | 79280   | 0.50   | cps   |
| Zirconium  | 90-1  | 392     | 500     | 433     | 442     | 12.37  | cps   |

|                         |                       |                   |                     |
|-------------------------|-----------------------|-------------------|---------------------|
| LB Number :             | LB88853               | Operator :        | Jaswal              |
| Lab Sample ID :         | I4279-22              | Instrumnet Name : | P7                  |
| Client Sample ID :      | DC3126-61-FL5-TL-W2-F | Dilution Factor : | 1                   |
| Date & Time Acquired :: | 2017-07-20 00:17:37   | DataFile Name :   | 189SMPL_P7071917 -M |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|-----------|------|------|------|------|---------|--------|-------|
| Zirconium | 91-1 | 75   | 83   | 83   | 81      | 5.98   | cps   |

|                         |                     |                   |                      |
|-------------------------|---------------------|-------------------|----------------------|
| LB Number :             | LB88853             | Operator :        | Jaswal               |
| Lab Sample ID :         | CCV45               | Instrumnet Name : | P7                   |
| Client Sample ID :      | CCV45               | Dilution Factor : | 1                    |
| Date & Time Acquired :: | 2017-07-20 00:21:09 | DataFile Name :   | 190CCV_P7071917 -MS. |

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|------------|-------|----------|----------|----------|----------|--------|-------|
| Aluminium  | 27-2  | 33       | 8        | 58       | 33       | 75.02  | cps   |
| Antimony   | 121-1 | 58       | 42       | 83       | 61       | 34.32  | cps   |
| Arsenic    | 75-2  | 0        | 4        | 7        | 4        | 100.05 | cps   |
| Barium     | 135-1 | 33       | 25       | 17       | 25       | 33.32  | cps   |
| Barium     | 137-1 | 42       | 33       | 33       | 36       | 13.33  | cps   |
| Beryllium  | 9-1   | 67       | 39       | 17       | 41       | 61.49  | cps   |
| Bismuth    | 209-1 | 4846061  | 4847496  | 4875609  | 4856389  | 0.34   | cps   |
| Bismuth    | 209-2 | 2636779  | 2686132  | 2694268  | 2672393  | 1.16   | cps   |
| Boron      | 10-1  | 117      | 117      | 125      | 119      | 4.03   | cps   |
| Boron      | 11-1  | 617      | 642      | 558      | 606      | 7.06   | cps   |
| Cadmium    | 111-1 | 1161     | 1044     | 1185     | 1130     | 6.68   | cps   |
| Cadmium    | 106-1 | 1659     | 1483     | 1684     | 1608     | 6.78   | cps   |
| Cadmium    | 108-1 | 13       | 4        | 8        | 8        | 49.98  | cps   |
| Calcium    | 43-1  | 283      | 183      | 142      | 203      | 35.91  | cps   |
| Calcium    | 44-1  | 4234     | 4292     | 4084     | 4204     | 2.56   | cps   |
| Chromium   | 52-2  | 323      | 220      | 300      | 281      | 19.28  | cps   |
| Cobalt     | 59-2  | 63       | 40       | 37       | 47       | 31.13  | cps   |
| Copper     | 63-2  | 853      | 667      | 720      | 747      | 12.88  | cps   |
| Dysprosium | 156-1 | 0        | 0        | 17       | 6        | 173.21 | cps   |
| Dysprosium | 156-2 | 0        | 0        | 0        | 0        | 0.00   | cps   |
| Erbium     | 164-1 | 33       | 25       | 17       | 25       | 33.32  | cps   |
| Erbium     | 164-2 | 7        | 7        | 20       | 11       | 69.25  | cps   |
| Gadolinium | 160-1 | 33       | 25       | 25       | 28       | 17.31  | cps   |
| Gadolinium | 160-2 | 47       | 53       | 43       | 48       | 10.66  | cps   |
| Holmium    | 165-1 | 7460120  | 7437978  | 7479520  | 7459206  | 0.28   | cps   |
| Holmium    | 165-2 | 3360047  | 3390333  | 3389694  | 3380025  | 0.51   | cps   |
| Indium     | 115-1 | 5144319  | 5125858  | 5159692  | 5143290  | 0.33   | cps   |
| Indium     | 115-2 | 954978   | 964278   | 974466   | 964574   | 1.01   | cps   |
| Iron       | 56-2  | 2984     | 2906     | 2878     | 2923     | 1.87   | cps   |
| Iron       | 57-2  | 156      | 189      | 161      | 169      | 10.60  | cps   |
| Lead       | 206-1 | 2439479  | 2444389  | 2443910  | 2442592  | 0.11   | cps   |
| Lead       | 207-1 | 2245365  | 2232789  | 2236882  | 2238345  | 0.29   | cps   |
| Lead       | 208-1 | 10091929 | 10053554 | 10077266 | 10074250 | 0.19   | cps   |
| Lithium    | 6-1   | 713314   | 717922   | 714616   | 715284   | 0.33   | cps   |
| Magnesium  | 24-2  | 942      | 950      | 900      | 931      | 2.88   | cps   |
| Manganese  | 55-2  | 317      | 257      | 263      | 279      | 11.79  | cps   |

|                         |                     |                   |                      |
|-------------------------|---------------------|-------------------|----------------------|
| LB Number :             | LB88853             | Operator :        | Jaswal               |
| Lab Sample ID :         | CCV45               | Instrumnet Name : | P7                   |
| Client Sample ID :      | CCV45               | Dilution Factor : | 1                    |
| Date & Time Acquired :: | 2017-07-20 00:21:09 | DataFile Name :   | 190CCV_P7071917 -MS. |

| Parameter  | Mass  | CPS1    | CPS2    | CPS3    | CPSMean | CPSRSD  | Units |
|------------|-------|---------|---------|---------|---------|---------|-------|
| Molybdenum | 94-1  | 100     | 142     | 50      | 97      | 47.21   | cps   |
| Molybdenum | 95-1  | 25      | 8       | 25      | 19      | 49.50   | cps   |
| Molybdenum | 96-1  | 42      | 50      | 42      | 44      | 10.82   | cps   |
| Molybdenum | 97-1  | 50      | 33      | 58      | 47      | 26.97   | cps   |
| Molybdenum | 98-1  | 17      | 8       | 8       | 11      | 43.34   | cps   |
| Neodymium  | 150-1 | 0       | 7       | 13      | 7       | 99.98   | cps   |
| Neodymium  | 150-2 | 0       | 0       | 0       | 0       | 0.00    | cps   |
| Nickel     | 60-2  | 230     | 167     | 183     | 193     | 16.98   | cps   |
| Phosphorus | 31-2  | 75      | 75      | 50      | 67      | 21.65   | cps   |
| Potassium  | 39-2  | 19981   | 19530   | 20398   | 19970   | 2.17    | cps   |
| Rhodium    | 103-1 | 4447103 | 4463086 | 4477256 | 4462482 | 0.34    | cps   |
| Rhodium    | 103-2 | 2020087 | 2039348 | 2035467 | 2031634 | 0.50    | cps   |
| Scandium   | 45-1  | 2428651 | 2448522 | 2463952 | 2447042 | 0.72    | cps   |
| Scandium   | 45-2  | 105536  | 107208  | 107677  | 106807  | 1.05    | cps   |
| Selenium   | 77-2  | 0       | 0       | 0       | 0       | 0.00    | cps   |
| Selenium   | 78-2  | 54      | 46      | 52      | 51      | 7.61    | cps   |
| Selenium   | 82-1  | -61     | -17     | 6       | -24     | -143.08 | cps   |
| Silicon    | 28-1  | 201136  | 203061  | 209205  | 204467  | 2.06    | cps   |
| Silver     | 109-1 | 58      | 42      | 58      | 53      | 18.23   | cps   |
| Silver     | 107-1 | 83      | 92      | 58      | 78      | 22.30   | cps   |
| Sodium     | 23-2  | 13532   | 13590   | 14274   | 13799   | 2.99    | cps   |
| Strontium  | 86-1  | 692     | 517     | 583     | 597     | 14.79   | cps   |
| Strontium  | 88-1  | 183     | 208     | 208     | 200     | 7.22    | cps   |
| Sulfur     | 34-1  | 178742  | 183686  | 184945  | 182457  | 1.80    | cps   |
| Terbium    | 159-1 | 7558940 | 7539438 | 7537021 | 7545133 | 0.16    | cps   |
| Terbium    | 159-2 | 3304243 | 3338792 | 3318164 | 3320400 | 0.52    | cps   |
| Thallium   | 203-1 | 175     | 158     | 150     | 161     | 7.90    | cps   |
| Thallium   | 205-1 | 333     | 308     | 458     | 367     | 21.92   | cps   |
| Tin        | 118-1 | 158     | 292     | 233     | 228     | 29.34   | cps   |
| Titanium   | 47-1  | 58      | 92      | 75      | 75      | 22.22   | cps   |
| Uranium    | 238-1 | 25      | 17      | 33      | 25      | 33.32   | cps   |
| Vanadium   | 51-2  | 17      | 13      | 17      | 16      | 12.40   | cps   |
| Yttrium    | 89-1  | 5007846 | 5015497 | 5029164 | 5017502 | 0.22    | cps   |
| Yttrium    | 89-2  | 691504  | 698121  | 699681  | 696435  | 0.62    | cps   |
| Zinc       | 66-2  | 180     | 187     | 167     | 178     | 5.73    | cps   |
| Zirconium  | 90-1  | 225     | 267     | 275     | 256     | 10.48   | cps   |

|                         |                     |                   |                      |
|-------------------------|---------------------|-------------------|----------------------|
| LB Number :             | LB88853             | Operator :        | Jaswal               |
| Lab Sample ID :         | CCV45               | Instrumnet Name : | P7                   |
| Client Sample ID :      | CCV45               | Dilution Factor : | 1                    |
| Date & Time Acquired :: | 2017-07-20 00:21:09 | DataFile Name :   | 190CCV_P7071917 -MS. |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|-----------|------|------|------|------|---------|--------|-------|
| Zirconium | 91-1 | 58   | 58   | 33   | 50      | 28.88  | cps   |

|                         |                     |                   |                     |
|-------------------------|---------------------|-------------------|---------------------|
| LB Number :             | LB88853             | Operator :        | Jaswal              |
| Lab Sample ID :         | CCB45               | Instrumnet Name : | P7                  |
| Client Sample ID :      | CCB45               | Dilution Factor : | 1                   |
| Date & Time Acquired :: | 2017-07-20 00:24:42 | DataFile Name :   | 191CCBE_P7071917 -M |

| Parameter  | Mass  | CPS1    | CPS2    | CPS3    | CPSMean | CPSRSD | Units |
|------------|-------|---------|---------|---------|---------|--------|-------|
| Aluminium  | 27-2  | 8       | 50      | 25      | 28      | 75.51  | cps   |
| Antimony   | 121-1 | 33      | 75      | 58      | 56      | 37.75  | cps   |
| Arsenic    | 75-2  | 2       | 9       | 2       | 4       | 99.03  | cps   |
| Barium     | 135-1 | 0       | 25      | 58      | 28      | 105.36 | cps   |
| Barium     | 137-1 | 33      | 50      | 17      | 33      | 50.00  | cps   |
| Beryllium  | 9-1   | 33      | 44      | 78      | 52      | 44.61  | cps   |
| Bismuth    | 209-1 | 4819019 | 4785054 | 4872409 | 4825494 | 0.91   | cps   |
| Bismuth    | 209-2 | 2598644 | 2687384 | 2656326 | 2647451 | 1.70   | cps   |
| Boron      | 10-1  | 142     | 83      | 133     | 119     | 26.41  | cps   |
| Boron      | 11-1  | 483     | 517     | 508     | 503     | 3.45   | cps   |
| Cadmium    | 111-1 | 1065    | 1107    | 1187    | 1119    | 5.54   | cps   |
| Cadmium    | 106-1 | 1525    | 1584    | 1684    | 1597    | 5.01   | cps   |
| Cadmium    | 108-1 | 4       | 8       | 0       | 4       | 99.96  | cps   |
| Calcium    | 43-1  | 125     | 167     | 67      | 119     | 42.05  | cps   |
| Calcium    | 44-1  | 3267    | 3301    | 3301    | 3289    | 0.58   | cps   |
| Chromium   | 52-2  | 307     | 317     | 293     | 306     | 3.83   | cps   |
| Cobalt     | 59-2  | 87      | 53      | 53      | 64      | 29.87  | cps   |
| Copper     | 63-2  | 690     | 713     | 617     | 673     | 7.49   | cps   |
| Dysprosium | 156-1 | 0       | 8       | 0       | 3       | 173.21 | cps   |
| Dysprosium | 156-2 | 3       | 3       | 3       | 3       | 0.00   | cps   |
| Erbium     | 164-1 | 33      | 42      | 8       | 28      | 62.46  | cps   |
| Erbium     | 164-2 | 17      | 10      | 17      | 14      | 26.66  | cps   |
| Gadolinium | 160-1 | 33      | 25      | 42      | 33      | 25.00  | cps   |
| Gadolinium | 160-2 | 63      | 57      | 23      | 48      | 44.86  | cps   |
| Holmium    | 165-1 | 7287138 | 7379025 | 7464071 | 7376745 | 1.20   | cps   |
| Holmium    | 165-2 | 3314398 | 3392585 | 3368562 | 3358515 | 1.19   | cps   |
| Indium     | 115-1 | 5136500 | 5104500 | 5153171 | 5131390 | 0.48   | cps   |
| Indium     | 115-2 | 946356  | 968130  | 954018  | 956168  | 1.16   | cps   |
| Iron       | 56-2  | 3045    | 2939    | 2889    | 2958    | 2.69   | cps   |
| Iron       | 57-2  | 133     | 106     | 156     | 131     | 19.05  | cps   |
| Lead       | 206-1 | 989     | 817     | 950     | 919     | 9.83   | cps   |
| Lead       | 207-1 | 800     | 878     | 700     | 793     | 11.24  | cps   |
| Lead       | 208-1 | 3895    | 3489    | 3606    | 3663    | 5.70   | cps   |
| Lithium    | 6-1   | 709541  | 707709  | 718671  | 711974  | 0.82   | cps   |
| Magnesium  | 24-2  | 1042    | 1117    | 933     | 1031    | 8.94   | cps   |
| Manganese  | 55-2  | 257     | 310     | 263     | 277     | 10.50  | cps   |

|                         |                     |                   |                     |
|-------------------------|---------------------|-------------------|---------------------|
| LB Number :             | LB88853             | Operator :        | Jaswal              |
| Lab Sample ID :         | CCB45               | Instrumnet Name : | P7                  |
| Client Sample ID :      | CCB45               | Dilution Factor : | 1                   |
| Date & Time Acquired :: | 2017-07-20 00:24:42 | DataFile Name :   | 191CCBE_P7071917 -M |

| Parameter  | Mass  | CPS1    | CPS2    | CPS3    | CPSMean | CPSRSD | Units |
|------------|-------|---------|---------|---------|---------|--------|-------|
| Molybdenum | 94-1  | 75      | 100     | 100     | 92      | 15.75  | cps   |
| Molybdenum | 95-1  | 25      | 8       | 17      | 17      | 50.01  | cps   |
| Molybdenum | 96-1  | 42      | 33      | 75      | 50      | 44.10  | cps   |
| Molybdenum | 97-1  | 25      | 50      | 17      | 31      | 56.77  | cps   |
| Molybdenum | 98-1  | 17      | 8       | 8       | 11      | 43.34  | cps   |
| Neodymium  | 150-1 | 0       | 0       | 0       | 0       | 0.00   | cps   |
| Neodymium  | 150-2 | 0       | 0       | 3       | 1       | 173.21 | cps   |
| Nickel     | 60-2  | 167     | 197     | 173     | 179     | 8.81   | cps   |
| Phosphorus | 31-2  | 100     | 92      | 67      | 86      | 20.15  | cps   |
| Potassium  | 39-2  | 19305   | 19480   | 20381   | 19722   | 2.93   | cps   |
| Rhodium    | 103-1 | 4419601 | 4390948 | 4486879 | 4432476 | 1.11   | cps   |
| Rhodium    | 103-2 | 1986293 | 2039192 | 2008454 | 2011313 | 1.32   | cps   |
| Scandium   | 45-1  | 2466747 | 2434170 | 2485639 | 2462185 | 1.06   | cps   |
| Scandium   | 45-2  | 104805  | 106930  | 103693  | 105143  | 1.56   | cps   |
| Selenium   | 77-2  | 0       | 0       | 0       | 0       | 0.00   | cps   |
| Selenium   | 78-2  | 41      | 56      | 44      | 47      | 16.44  | cps   |
| Selenium   | 82-1  | 11      | 44      | 73      | 43      | 71.42  | cps   |
| Silicon    | 28-1  | 204278  | 203527  | 205258  | 204354  | 0.42   | cps   |
| Silver     | 109-1 | 92      | 58      | 58      | 69      | 27.71  | cps   |
| Silver     | 107-1 | 108     | 50      | 92      | 83      | 36.06  | cps   |
| Sodium     | 23-2  | 13148   | 14124   | 13665   | 13646   | 3.58   | cps   |
| Strontium  | 86-1  | 683     | 708     | 617     | 669     | 7.08   | cps   |
| Strontium  | 88-1  | 117     | 217     | 125     | 153     | 36.32  | cps   |
| Sulfur     | 34-1  | 185627  | 187541  | 186486  | 186551  | 0.51   | cps   |
| Terbium    | 159-1 | 7460588 | 7432622 | 7635981 | 7509730 | 1.47   | cps   |
| Terbium    | 159-2 | 3219525 | 3328516 | 3296550 | 3281531 | 1.71   | cps   |
| Thallium   | 203-1 | 175     | 192     | 175     | 181     | 5.33   | cps   |
| Thallium   | 205-1 | 367     | 408     | 500     | 425     | 16.05  | cps   |
| Tin        | 118-1 | 667     | 625     | 642     | 644     | 3.26   | cps   |
| Titanium   | 47-1  | 108     | 25      | 33      | 56      | 82.62  | cps   |
| Uranium    | 238-1 | 8       | 17      | 0       | 8       | 100.02 | cps   |
| Vanadium   | 51-2  | 10      | 13      | 17      | 13      | 25.01  | cps   |
| Yttrium    | 89-1  | 4985307 | 4979619 | 5055916 | 5006947 | 0.85   | cps   |
| Yttrium    | 89-2  | 690775  | 703659  | 693237  | 695890  | 0.98   | cps   |
| Zinc       | 66-2  | 80      | 110     | 90      | 93      | 16.37  | cps   |
| Zirconium  | 90-1  | 158     | 292     | 308     | 253     | 32.52  | cps   |

|                         |                     |                   |                      |
|-------------------------|---------------------|-------------------|----------------------|
| LB Number :             | LB88853             | Operator :        | Jaswal               |
| Lab Sample ID :         | CCB45               | Instrumnet Name : | P7                   |
| Client Sample ID :      | CCB45               | Dilution Factor : | 1                    |
| Date & Time Acquired :: | 2017-07-20 00:24:42 | DataFile Name :   | 191CCBE_P7071917 -M: |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|-----------|------|------|------|------|---------|--------|-------|
| Zirconium | 91-1 | 83   | 33   | 42   | 53      | 50.76  | cps   |



LB Number : LB88853 Operator : Jaswal  
 Lab Sample ID : I4279-23 Instrumnet Name : P7  
 Client Sample ID : DC3126-62-FL5-BRT-W1 Dilution Factor : 1  
 Date & Time Acquired :: 2017-07-20 00:28:15 DataFile Name : 192SMPL\_P7071917 -M1

| Parameter  | Mass  | CPS1    | CPS2    | CPS3    | CPSMean | CPSRSD | Units |
|------------|-------|---------|---------|---------|---------|--------|-------|
| Aluminium  | 27-2  | 617     | 792     | 708     | 706     | 12.41  | cps   |
| Antimony   | 121-1 | 467     | 350     | 333     | 383     | 18.95  | cps   |
| Arsenic    | 75-2  | 39      | 44      | 54      | 46      | 16.38  | cps   |
| Barium     | 135-1 | 27595   | 27253   | 28063   | 27637   | 1.47   | cps   |
| Barium     | 137-1 | 49447   | 46312   | 47834   | 47864   | 3.28   | cps   |
| Beryllium  | 9-1   | 44      | 61      | 56      | 54      | 15.80  | cps   |
| Bismuth    | 209-1 | 5432838 | 5302306 | 5313156 | 5349433 | 1.35   | cps   |
| Bismuth    | 209-2 | 3025196 | 2927689 | 2959937 | 2970941 | 1.67   | cps   |
| Boron      | 10-1  | 450     | 375     | 367     | 397     | 11.55  | cps   |
| Boron      | 11-1  | 1575    | 1725    | 1850    | 1717    | 8.02   | cps   |
| Cadmium    | 111-1 | 1260    | 1311    | 1218    | 1263    | 3.68   | cps   |
| Cadmium    | 106-1 | 1767    | 1842    | 1717    | 1775    | 3.54   | cps   |
| Cadmium    | 108-1 | 8       | 4       | 0       | 4       | 99.96  | cps   |
| Calcium    | 43-1  | 73073   | 71977   | 70837   | 71962   | 1.55   | cps   |
| Calcium    | 44-1  | 1180351 | 1169254 | 1161232 | 1170279 | 0.82   | cps   |
| Chromium   | 52-2  | 360     | 357     | 437     | 384     | 11.77  | cps   |
| Cobalt     | 59-2  | 160     | 190     | 180     | 177     | 8.65   | cps   |
| Copper     | 63-2  | 379979  | 381508  | 378498  | 379995  | 0.40   | cps   |
| Dysprosium | 156-1 | 50      | 50      | 83      | 61      | 31.50  | cps   |
| Dysprosium | 156-2 | 27      | 27      | 23      | 26      | 7.55   | cps   |
| Erbium     | 164-1 | 117     | 42      | 50      | 69      | 59.19  | cps   |
| Erbium     | 164-2 | 20      | 30      | 27      | 26      | 19.92  | cps   |
| Gadolinium | 160-1 | 92      | 67      | 42      | 67      | 37.50  | cps   |
| Gadolinium | 160-2 | 63      | 60      | 90      | 71      | 23.12  | cps   |
| Holmium    | 165-1 | 8249082 | 8204411 | 8150788 | 8201427 | 0.60   | cps   |
| Holmium    | 165-2 | 3760130 | 3717337 | 3730782 | 3736083 | 0.59   | cps   |
| Indium     | 115-1 | 5707234 | 5672161 | 5656598 | 5678665 | 0.46   | cps   |
| Indium     | 115-2 | 1062070 | 1057496 | 1058864 | 1059477 | 0.22   | cps   |
| Iron       | 56-2  | 49217   | 49423   | 50651   | 49764   | 1.56   | cps   |
| Iron       | 57-2  | 1545    | 1650    | 1650    | 1615    | 3.77   | cps   |
| Lead       | 206-1 | 16577   | 16032   | 15309   | 15973   | 3.98   | cps   |
| Lead       | 207-1 | 13402   | 13502   | 13129   | 13344   | 1.45   | cps   |
| Lead       | 208-1 | 63923   | 62152   | 60928   | 62334   | 2.42   | cps   |
| Lithium    | 6-1   | 800841  | 794397  | 792182  | 795807  | 0.57   | cps   |
| Magnesium  | 24-2  | 104571  | 105184  | 103891  | 104549  | 0.62   | cps   |
| Manganese  | 55-2  | 11264   | 10781   | 11131   | 11059   | 2.26   | cps   |

LB Number : LB88853 Operator : Jaswal  
 Lab Sample ID : I4279-23 Instrumnet Name : P7  
 Client Sample ID : DC3126-62-FL5-BRT-W1 Dilution Factor : 1  
 Date & Time Acquired :: 2017-07-20 00:28:15 DataFile Name : 192SMPL\_P7071917 -M

| Parameter  | Mass  | CPS1    | CPS2    | CPS3    | CPSMean | CPSRSD  | Units |
|------------|-------|---------|---------|---------|---------|---------|-------|
| Molybdenum | 94-1  | 275     | 325     | 292     | 297     | 8.57    | cps   |
| Molybdenum | 95-1  | 142     | 125     | 125     | 131     | 7.37    | cps   |
| Molybdenum | 96-1  | 167     | 117     | 208     | 164     | 28.01   | cps   |
| Molybdenum | 97-1  | 58      | 67      | 33      | 53      | 32.88   | cps   |
| Molybdenum | 98-1  | 175     | 217     | 183     | 192     | 11.50   | cps   |
| Neodymium  | 150-1 | 73      | 87      | 27      | 62      | 50.63   | cps   |
| Neodymium  | 150-2 | 7       | 17      | 13      | 12      | 41.65   | cps   |
| Nickel     | 60-2  | 12923   | 12732   | 12943   | 12866   | 0.90    | cps   |
| Phosphorus | 31-2  | 1458    | 1292    | 1092    | 1281    | 14.34   | cps   |
| Potassium  | 39-2  | 67236   | 66960   | 67596   | 67264   | 0.47    | cps   |
| Rhodium    | 103-1 | 4930977 | 4928548 | 4895658 | 4918394 | 0.40    | cps   |
| Rhodium    | 103-2 | 2233939 | 2207046 | 2223123 | 2221369 | 0.61    | cps   |
| Scandium   | 45-1  | 2717135 | 2698574 | 2690873 | 2702194 | 0.50    | cps   |
| Scandium   | 45-2  | 119379  | 117924  | 116668  | 117991  | 1.15    | cps   |
| Selenium   | 77-2  | 0       | 3       | 0       | 1       | 173.21  | cps   |
| Selenium   | 78-2  | 31      | 50      | 57      | 46      | 28.85   | cps   |
| Selenium   | 82-1  | -70     | -115    | 17      | -56     | -120.17 | cps   |
| Silicon    | 28-1  | 2816191 | 2791705 | 2793727 | 2800541 | 0.49    | cps   |
| Silver     | 109-1 | 200     | 225     | 192     | 206     | 8.44    | cps   |
| Silver     | 107-1 | 183     | 250     | 500     | 311     | 53.71   | cps   |
| Sodium     | 23-2  | 1716349 | 1714683 | 1709352 | 1713461 | 0.21    | cps   |
| Strontium  | 86-1  | 33841   | 33214   | 33632   | 33562   | 0.95    | cps   |
| Strontium  | 88-1  | 294121  | 288206  | 289916  | 290748  | 1.05    | cps   |
| Sulfur     | 34-1  | 210983  | 209528  | 207847  | 209453  | 0.75    | cps   |
| Terbium    | 159-1 | 8484208 | 8327201 | 8340845 | 8384085 | 1.04    | cps   |
| Terbium    | 159-2 | 3687677 | 3663126 | 3663915 | 3671573 | 0.38    | cps   |
| Thallium   | 203-1 | 125     | 92      | 183     | 133     | 34.80   | cps   |
| Thallium   | 205-1 | 333     | 383     | 308     | 342     | 11.18   | cps   |
| Tin        | 118-1 | 692     | 608     | 533     | 611     | 12.96   | cps   |
| Titanium   | 47-1  | 275     | 308     | 250     | 278     | 10.54   | cps   |
| Uranium    | 238-1 | 200     | 283     | 225     | 236     | 18.11   | cps   |
| Vanadium   | 51-2  | 113     | 63      | 80      | 86      | 29.76   | cps   |
| Yttrium    | 89-1  | 5608627 | 5582735 | 5543629 | 5578330 | 0.59    | cps   |
| Yttrium    | 89-2  | 771595  | 762102  | 771525  | 768407  | 0.71    | cps   |
| Zinc       | 66-2  | 29069   | 27920   | 27934   | 28308   | 2.33    | cps   |
| Zirconium  | 90-1  | 642     | 650     | 658     | 650     | 1.28    | cps   |

|                         |                      |                   |                     |
|-------------------------|----------------------|-------------------|---------------------|
| LB Number :             | LB88853              | Operator :        | Jaswal              |
| Lab Sample ID :         | I4279-23             | Instrumnet Name : | P7                  |
| Client Sample ID :      | DC3126-62-FL5-BRT-W1 | Dilution Factor : | 1                   |
| Date & Time Acquired :: | 2017-07-20 00:28:15  | DataFile Name :   | 192SMPL_P7071917 -M |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|-----------|------|------|------|------|---------|--------|-------|
| Zirconium | 91-1 | 175  | 108  | 100  | 128     | 32.17  | cps   |

LB Number : LB88853 Operator : Jaswal  
 Lab Sample ID : I4279-24 Instrumnet Name : P7  
 Client Sample ID : DC3126-63-FL5-BRT-W1 Dilution Factor : 1  
 Date & Time Acquired :: 2017-07-20 00:31:47 DataFile Name : 193SMPL\_P7071917 -M1

| Parameter  | Mass  | CPS1    | CPS2    | CPS3    | CPSMean | CPSRSD | Units |
|------------|-------|---------|---------|---------|---------|--------|-------|
| Aluminium  | 27-2  | 533     | 650     | 492     | 558     | 14.70  | cps   |
| Antimony   | 121-1 | 358     | 417     | 392     | 389     | 7.53   | cps   |
| Arsenic    | 75-2  | 50      | 44      | 72      | 56      | 26.45  | cps   |
| Barium     | 135-1 | 28012   | 27595   | 28063   | 27890   | 0.92   | cps   |
| Barium     | 137-1 | 49656   | 48536   | 48193   | 48795   | 1.57   | cps   |
| Beryllium  | 9-1   | 33      | 61      | 22      | 39      | 51.51  | cps   |
| Bismuth    | 209-1 | 5381501 | 5288105 | 5313024 | 5327543 | 0.91   | cps   |
| Bismuth    | 209-2 | 2945578 | 2937057 | 2892864 | 2925166 | 0.97   | cps   |
| Boron      | 10-1  | 367     | 317     | 342     | 342     | 7.32   | cps   |
| Boron      | 11-1  | 1475    | 1767    | 1625    | 1622    | 8.99   | cps   |
| Cadmium    | 111-1 | 1231    | 1316    | 1135    | 1227    | 7.37   | cps   |
| Cadmium    | 106-1 | 1750    | 1850    | 1600    | 1734    | 7.26   | cps   |
| Cadmium    | 108-1 | 4       | 0       | 8       | 4       | 99.96  | cps   |
| Calcium    | 43-1  | 70209   | 70242   | 71188   | 70546   | 0.79   | cps   |
| Calcium    | 44-1  | 1172402 | 1159781 | 1162812 | 1164998 | 0.57   | cps   |
| Chromium   | 52-2  | 293     | 293     | 357     | 314     | 11.63  | cps   |
| Cobalt     | 59-2  | 83      | 77      | 80      | 80      | 4.16   | cps   |
| Copper     | 63-2  | 230485  | 231189  | 231015  | 230896  | 0.16   | cps   |
| Dysprosium | 156-1 | 42      | 50      | 42      | 44      | 10.82  | cps   |
| Dysprosium | 156-2 | 13      | 13      | 17      | 14      | 13.35  | cps   |
| Erbium     | 164-1 | 100     | 50      | 67      | 72      | 35.25  | cps   |
| Erbium     | 164-2 | 43      | 27      | 30      | 33      | 26.45  | cps   |
| Gadolinium | 160-1 | 83      | 67      | 50      | 67      | 25.00  | cps   |
| Gadolinium | 160-2 | 70      | 67      | 90      | 76      | 16.70  | cps   |
| Holmium    | 165-1 | 8228349 | 8202070 | 8112740 | 8181053 | 0.74   | cps   |
| Holmium    | 165-2 | 3705275 | 3702098 | 3684516 | 3697297 | 0.30   | cps   |
| Indium     | 115-1 | 5925289 | 5586536 | 5642562 | 5718129 | 3.18   | cps   |
| Indium     | 115-2 | 1054853 | 1054572 | 1041248 | 1050224 | 0.74   | cps   |
| Iron       | 56-2  | 37465   | 37521   | 39322   | 38103   | 2.77   | cps   |
| Iron       | 57-2  | 1083    | 1083    | 1061    | 1076    | 1.19   | cps   |
| Lead       | 206-1 | 9098    | 8781    | 8981    | 8953    | 1.79   | cps   |
| Lead       | 207-1 | 7363    | 7508    | 7430    | 7434    | 0.97   | cps   |
| Lead       | 208-1 | 34540   | 34752   | 34735   | 34676   | 0.34   | cps   |
| Lithium    | 6-1   | 796808  | 790291  | 785738  | 790945  | 0.70   | cps   |
| Magnesium  | 24-2  | 103102  | 102902  | 101316  | 102440  | 0.96   | cps   |
| Manganese  | 55-2  | 10287   | 10270   | 10240   | 10266   | 0.23   | cps   |

LB Number : LB88853 Operator : Jaswal  
 Lab Sample ID : I4279-24 Instrumnet Name : P7  
 Client Sample ID : DC3126-63-FL5-BRT-W1 Dilution Factor : 1  
 Date & Time Acquired :: 2017-07-20 00:31:47 DataFile Name : 193SMPL\_P7071917 -M

| Parameter  | Mass  | CPS1    | CPS2    | CPS3    | CPSMean | CPSRSD  | Units |
|------------|-------|---------|---------|---------|---------|---------|-------|
| Molybdenum | 94-1  | 292     | 308     | 267     | 289     | 7.26    | cps   |
| Molybdenum | 95-1  | 133     | 150     | 83      | 122     | 28.39   | cps   |
| Molybdenum | 96-1  | 133     | 125     | 167     | 142     | 15.56   | cps   |
| Molybdenum | 97-1  | 58      | 75      | 100     | 78      | 26.96   | cps   |
| Molybdenum | 98-1  | 208     | 167     | 183     | 186     | 11.27   | cps   |
| Neodymium  | 150-1 | 47      | 7       | 47      | 33      | 69.28   | cps   |
| Neodymium  | 150-2 | 7       | 23      | 10      | 13      | 66.12   | cps   |
| Nickel     | 60-2  | 2157    | 2267    | 2394    | 2272    | 5.21    | cps   |
| Phosphorus | 31-2  | 1300    | 1375    | 1367    | 1347    | 3.05    | cps   |
| Potassium  | 39-2  | 68861   | 65546   | 66726   | 67044   | 2.51    | cps   |
| Rhodium    | 103-1 | 4923415 | 4846984 | 4869392 | 4879930 | 0.81    | cps   |
| Rhodium    | 103-2 | 2190557 | 2194922 | 2180893 | 2188791 | 0.33    | cps   |
| Scandium   | 45-1  | 2733462 | 2696210 | 2653894 | 2694522 | 1.48    | cps   |
| Scandium   | 45-2  | 117336  | 118079  | 114714  | 116710  | 1.51    | cps   |
| Selenium   | 77-2  | 0       | 0       | 3       | 1       | 173.21  | cps   |
| Selenium   | 78-2  | 56      | 44      | 43      | 48      | 14.76   | cps   |
| Selenium   | 82-1  | -54     | 14      | 7       | -11     | -331.84 | cps   |
| Silicon    | 28-1  | 2743979 | 2649113 | 2625984 | 2673025 | 2.34    | cps   |
| Silver     | 109-1 | 142     | 158     | 192     | 164     | 15.54   | cps   |
| Silver     | 107-1 | 200     | 158     | 133     | 164     | 20.55   | cps   |
| Sodium     | 23-2  | 1719723 | 1705071 | 1702302 | 1709032 | 0.55    | cps   |
| Strontium  | 86-1  | 32880   | 34350   | 33682   | 33638   | 2.19    | cps   |
| Strontium  | 88-1  | 289923  | 289159  | 290046  | 289710  | 0.17    | cps   |
| Sulfur     | 34-1  | 209040  | 205238  | 206546  | 206941  | 0.93    | cps   |
| Terbium    | 159-1 | 8385064 | 8279554 | 8374864 | 8346494 | 0.70    | cps   |
| Terbium    | 159-2 | 3642206 | 3653510 | 3611327 | 3635681 | 0.60    | cps   |
| Thallium   | 203-1 | 142     | 142     | 167     | 150     | 9.62    | cps   |
| Thallium   | 205-1 | 342     | 333     | 250     | 308     | 16.44   | cps   |
| Tin        | 118-1 | 317     | 233     | 350     | 300     | 20.03   | cps   |
| Titanium   | 47-1  | 283     | 325     | 375     | 328     | 14.00   | cps   |
| Uranium    | 238-1 | 275     | 200     | 333     | 269     | 24.81   | cps   |
| Vanadium   | 51-2  | 80      | 87      | 110     | 92      | 17.08   | cps   |
| Yttrium    | 89-1  | 5581408 | 5488562 | 5525902 | 5531958 | 0.84    | cps   |
| Yttrium    | 89-2  | 765491  | 756922  | 754343  | 758919  | 0.77    | cps   |
| Zinc       | 66-2  | 7836    | 7949    | 8343    | 8042    | 3.31    | cps   |
| Zirconium  | 90-1  | 533     | 608     | 542     | 561     | 7.33    | cps   |

|                         |                      |                   |                     |
|-------------------------|----------------------|-------------------|---------------------|
| LB Number :             | LB88853              | Operator :        | Jaswal              |
| Lab Sample ID :         | I4279-24             | Instrumnet Name : | P7                  |
| Client Sample ID :      | DC3126-63-FL5-BRT-W1 | Dilution Factor : | 1                   |
| Date & Time Acquired :: | 2017-07-20 00:31:47  | DataFile Name :   | 193SMPL_P7071917 -M |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|-----------|------|------|------|------|---------|--------|-------|
| Zirconium | 91-1 | 192  | 175  | 158  | 175     | 9.53   | cps   |

LB Number : LB88853 Operator : Jaswal  
 Lab Sample ID : I4279-25 Instrumnet Name : P7  
 Client Sample ID : DC3126-64-FL5-BR537B Dilution Factor : 1  
 Date & Time Acquired :: 2017-07-20 00:35:19 DataFile Name : 194SMPL\_P7071917 -M

| Parameter  | Mass  | CPS1    | CPS2    | CPS3    | CPSMean | CPSRSD | Units |
|------------|-------|---------|---------|---------|---------|--------|-------|
| Aluminium  | 27-2  | 608     | 1025    | 783     | 806     | 25.98  | cps   |
| Antimony   | 121-1 | 317     | 317     | 350     | 328     | 5.87   | cps   |
| Arsenic    | 75-2  | 48      | 76      | 44      | 56      | 30.64  | cps   |
| Barium     | 135-1 | 28013   | 27545   | 28288   | 27949   | 1.34   | cps   |
| Barium     | 137-1 | 47892   | 48377   | 47650   | 47973   | 0.77   | cps   |
| Beryllium  | 9-1   | 17      | 61      | 22      | 33      | 72.64  | cps   |
| Bismuth    | 209-1 | 5403342 | 5458456 | 5295243 | 5385680 | 1.54   | cps   |
| Bismuth    | 209-2 | 2862896 | 2912221 | 2881610 | 2885576 | 0.86   | cps   |
| Boron      | 10-1  | 467     | 400     | 400     | 422     | 9.12   | cps   |
| Boron      | 11-1  | 1650    | 1692    | 1692    | 1678    | 1.43   | cps   |
| Cadmium    | 111-1 | 1400    | 1176    | 1264    | 1280    | 8.81   | cps   |
| Cadmium    | 106-1 | 1934    | 1634    | 1775    | 1781    | 8.43   | cps   |
| Cadmium    | 108-1 | 17      | 13      | 17      | 15      | 15.76  | cps   |
| Calcium    | 43-1  | 71808   | 71414   | 69053   | 70758   | 2.11   | cps   |
| Calcium    | 44-1  | 1159098 | 1150215 | 1149017 | 1152777 | 0.48   | cps   |
| Chromium   | 52-2  | 330     | 320     | 283     | 311     | 7.90   | cps   |
| Cobalt     | 59-2  | 110     | 73      | 73      | 86      | 24.75  | cps   |
| Copper     | 63-2  | 180405  | 181159  | 181161  | 180908  | 0.24   | cps   |
| Dysprosium | 156-1 | 42      | 92      | 33      | 56      | 56.79  | cps   |
| Dysprosium | 156-2 | 13      | 27      | 20      | 20      | 33.35  | cps   |
| Erbium     | 164-1 | 50      | 58      | 75      | 61      | 20.83  | cps   |
| Erbium     | 164-2 | 37      | 17      | 20      | 24      | 43.83  | cps   |
| Gadolinium | 160-1 | 75      | 83      | 83      | 81      | 5.98   | cps   |
| Gadolinium | 160-2 | 73      | 87      | 87      | 82      | 9.37   | cps   |
| Holmium    | 165-1 | 8267944 | 8288816 | 8120505 | 8225755 | 1.12   | cps   |
| Holmium    | 165-2 | 3641938 | 3677866 | 3629527 | 3649777 | 0.69   | cps   |
| Indium     | 115-1 | 5730499 | 5688223 | 5597973 | 5672232 | 1.19   | cps   |
| Indium     | 115-2 | 1027360 | 1038558 | 1037574 | 1034498 | 0.60   | cps   |
| Iron       | 56-2  | 43984   | 44475   | 47358   | 45272   | 4.03   | cps   |
| Iron       | 57-2  | 1361    | 1289    | 1239    | 1296    | 4.74   | cps   |
| Lead       | 206-1 | 8181    | 8325    | 8531    | 8345    | 2.11   | cps   |
| Lead       | 207-1 | 7669    | 7030    | 6657    | 7119    | 7.19   | cps   |
| Lead       | 208-1 | 33918   | 32639   | 32539   | 33032   | 2.33   | cps   |
| Lithium    | 6-1   | 804848  | 795991  | 780425  | 793755  | 1.56   | cps   |
| Magnesium  | 24-2  | 101358  | 101517  | 102381  | 101752  | 0.54   | cps   |
| Manganese  | 55-2  | 13680   | 13316   | 13273   | 13423   | 1.67   | cps   |

LB Number : LB88853 Operator : Jaswal  
 Lab Sample ID : I4279-25 Instrumnet Name : P7  
 Client Sample ID : DC3126-64-FL5-BR537B Dilution Factor : 1  
 Date & Time Acquired :: 2017-07-20 00:35:19 DataFile Name : 194SMPL\_P7071917 -M

| Parameter  | Mass  | CPS1    | CPS2    | CPS3    | CPSMean | CPSRSD | Units |
|------------|-------|---------|---------|---------|---------|--------|-------|
| Molybdenum | 94-1  | 250     | 267     | 125     | 214     | 36.20  | cps   |
| Molybdenum | 95-1  | 125     | 92      | 125     | 114     | 16.90  | cps   |
| Molybdenum | 96-1  | 150     | 225     | 192     | 189     | 19.89  | cps   |
| Molybdenum | 97-1  | 75      | 75      | 83      | 78      | 6.19   | cps   |
| Molybdenum | 98-1  | 158     | 208     | 158     | 175     | 16.50  | cps   |
| Neodymium  | 150-1 | 60      | 27      | 33      | 40      | 44.09  | cps   |
| Neodymium  | 150-2 | 10      | 3       | 13      | 9       | 57.30  | cps   |
| Nickel     | 60-2  | 1227    | 1160    | 1263    | 1217    | 4.31   | cps   |
| Phosphorus | 31-2  | 1392    | 1383    | 1250    | 1342    | 5.93   | cps   |
| Potassium  | 39-2  | 66457   | 66015   | 66499   | 66324   | 0.40   | cps   |
| Rhodium    | 103-1 | 4930361 | 4897172 | 4798012 | 4875182 | 1.41   | cps   |
| Rhodium    | 103-2 | 2163845 | 2183063 | 2161713 | 2169540 | 0.54   | cps   |
| Scandium   | 45-1  | 2717219 | 2708519 | 2677948 | 2701228 | 0.76   | cps   |
| Scandium   | 45-2  | 112758  | 115264  | 114269  | 114097  | 1.11   | cps   |
| Selenium   | 77-2  | 0       | 0       | 0       | 0       | 0.00   | cps   |
| Selenium   | 78-2  | 48      | 41      | 41      | 43      | 9.90   | cps   |
| Selenium   | 82-1  | 1       | 12      | 32      | 15      | 106.25 | cps   |
| Silicon    | 28-1  | 2672118 | 2630294 | 2640231 | 2647548 | 0.83   | cps   |
| Silver     | 109-1 | 325     | 158     | 167     | 217     | 43.35  | cps   |
| Silver     | 107-1 | 300     | 208     | 300     | 269     | 19.64  | cps   |
| Sodium     | 23-2  | 1691628 | 1692335 | 1695256 | 1693073 | 0.11   | cps   |
| Strontium  | 86-1  | 34300   | 33114   | 32805   | 33407   | 2.36   | cps   |
| Strontium  | 88-1  | 292721  | 287830  | 285368  | 288639  | 1.30   | cps   |
| Sulfur     | 34-1  | 205396  | 203725  | 203438  | 204186  | 0.52   | cps   |
| Terbium    | 159-1 | 8389569 | 8405829 | 8263267 | 8352888 | 0.93   | cps   |
| Terbium    | 159-2 | 3568559 | 3617416 | 3597743 | 3594573 | 0.68   | cps   |
| Thallium   | 203-1 | 125     | 133     | 175     | 144     | 18.54  | cps   |
| Thallium   | 205-1 | 375     | 300     | 375     | 350     | 12.37  | cps   |
| Tin        | 118-1 | 292     | 292     | 275     | 286     | 3.36   | cps   |
| Titanium   | 47-1  | 767     | 417     | 325     | 503     | 46.41  | cps   |
| Uranium    | 238-1 | 267     | 358     | 367     | 331     | 16.79  | cps   |
| Vanadium   | 51-2  | 40      | 77      | 93      | 70      | 38.98  | cps   |
| Yttrium    | 89-1  | 5600291 | 5620993 | 5449947 | 5557077 | 1.68   | cps   |
| Yttrium    | 89-2  | 745485  | 754516  | 744537  | 748179  | 0.74   | cps   |
| Zinc       | 66-2  | 24831   | 25052   | 25406   | 25096   | 1.15   | cps   |
| Zirconium  | 90-1  | 658     | 550     | 533     | 581     | 11.69  | cps   |



|                         |                      |                   |                     |
|-------------------------|----------------------|-------------------|---------------------|
| LB Number :             | LB88853              | Operator :        | Jaswal              |
| Lab Sample ID :         | I4279-25             | Instrumnet Name : | P7                  |
| Client Sample ID :      | DC3126-64-FL5-BR537B | Dilution Factor : | 1                   |
| Date & Time Acquired :: | 2017-07-20 00:35:19  | DataFile Name :   | 194SMPL_P7071917 -M |

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

LB Number : LB88853 Operator : Jaswal  
 Lab Sample ID : I4279-26 Instrumnet Name : P7  
 Client Sample ID : DC3126-65-FL5-BR537B Dilution Factor : 1  
 Date & Time Acquired :: 2017-07-20 00:38:51 DataFile Name : 195SMPL\_P7071917 -M

| Parameter  | Mass  | CPS1    | CPS2    | CPS3    | CPSMean | CPSRSD | Units |
|------------|-------|---------|---------|---------|---------|--------|-------|
| Aluminium  | 27-2  | 733     | 800     | 783     | 772     | 4.49   | cps   |
| Antimony   | 121-1 | 425     | 492     | 458     | 458     | 7.27   | cps   |
| Arsenic    | 75-2  | 30      | 48      | 59      | 46      | 32.77  | cps   |
| Barium     | 135-1 | 27261   | 26660   | 26777   | 26899   | 1.18   | cps   |
| Barium     | 137-1 | 46361   | 47164   | 46905   | 46810   | 0.88   | cps   |
| Beryllium  | 9-1   | 33      | 39      | 67      | 46      | 38.58  | cps   |
| Bismuth    | 209-1 | 5268962 | 5391036 | 5394681 | 5351560 | 1.34   | cps   |
| Bismuth    | 209-2 | 2946715 | 2952215 | 2959991 | 2952974 | 0.23   | cps   |
| Boron      | 10-1  | 558     | 467     | 350     | 458     | 22.78  | cps   |
| Boron      | 11-1  | 2175    | 2400    | 2550    | 2375    | 7.95   | cps   |
| Cadmium    | 111-1 | 1208    | 1295    | 1038    | 1180    | 11.09  | cps   |
| Cadmium    | 106-1 | 1667    | 1800    | 1433    | 1634    | 11.36  | cps   |
| Cadmium    | 108-1 | 13      | 4       | 17      | 11      | 57.27  | cps   |
| Calcium    | 43-1  | 72436   | 72612   | 71021   | 72023   | 1.21   | cps   |
| Calcium    | 44-1  | 1169954 | 1146650 | 1142855 | 1153153 | 1.27   | cps   |
| Chromium   | 52-2  | 343     | 293     | 340     | 326     | 8.59   | cps   |
| Cobalt     | 59-2  | 377     | 403     | 327     | 369     | 10.55  | cps   |
| Copper     | 63-2  | 573901  | 571474  | 569346  | 571574  | 0.40   | cps   |
| Dysprosium | 156-1 | 58      | 75      | 50      | 61      | 20.84  | cps   |
| Dysprosium | 156-2 | 13      | 10      | 10      | 11      | 17.30  | cps   |
| Erbium     | 164-1 | 75      | 100     | 83      | 86      | 14.79  | cps   |
| Erbium     | 164-2 | 23      | 13      | 33      | 23      | 42.86  | cps   |
| Gadolinium | 160-1 | 92      | 92      | 83      | 89      | 5.41   | cps   |
| Gadolinium | 160-2 | 57      | 87      | 67      | 70      | 21.82  | cps   |
| Holmium    | 165-1 | 8172415 | 8236215 | 8112272 | 8173634 | 0.76   | cps   |
| Holmium    | 165-2 | 3719622 | 3689324 | 3715154 | 3708033 | 0.44   | cps   |
| Indium     | 115-1 | 5661609 | 5668358 | 5643586 | 5657851 | 0.23   | cps   |
| Indium     | 115-2 | 1049053 | 1045843 | 1047176 | 1047357 | 0.15   | cps   |
| Iron       | 56-2  | 84817   | 88208   | 83632   | 85552   | 2.78   | cps   |
| Iron       | 57-2  | 2539    | 2222    | 2372    | 2378    | 6.66   | cps   |
| Lead       | 206-1 | 7124    | 6552    | 7530    | 7069    | 6.95   | cps   |
| Lead       | 207-1 | 5985    | 6102    | 5879    | 5989    | 1.86   | cps   |
| Lead       | 208-1 | 27857   | 27217   | 27723   | 27599   | 1.22   | cps   |
| Lithium    | 6-1   | 791362  | 786177  | 793521  | 790353  | 0.48   | cps   |
| Magnesium  | 24-2  | 110327  | 112075  | 110924  | 111109  | 0.80   | cps   |
| Manganese  | 55-2  | 13123   | 12522   | 12769   | 12805   | 2.36   | cps   |

|                         |                      |                   |                     |
|-------------------------|----------------------|-------------------|---------------------|
| LB Number :             | LB88853              | Operator :        | Jaswal              |
| Lab Sample ID :         | I4279-26             | Instrumnet Name : | P7                  |
| Client Sample ID :      | DC3126-65-FL5-BR537B | Dilution Factor : | 1                   |
| Date & Time Acquired :: | 2017-07-20 00:38:51  | DataFile Name :   | 195SMPL_P7071917 -M |

| Parameter  | Mass  | CPS1    | CPS2    | CPS3    | CPSMean | CPSRSD  | Units |
|------------|-------|---------|---------|---------|---------|---------|-------|
| Molybdenum | 94-1  | 333     | 325     | 158     | 272     | 36.26   | cps   |
| Molybdenum | 95-1  | 92      | 133     | 125     | 117     | 18.90   | cps   |
| Molybdenum | 96-1  | 183     | 142     | 142     | 156     | 15.47   | cps   |
| Molybdenum | 97-1  | 58      | 67      | 67      | 64      | 7.53    | cps   |
| Molybdenum | 98-1  | 108     | 175     | 158     | 147     | 23.57   | cps   |
| Neodymium  | 150-1 | 47      | 87      | 33      | 56      | 49.96   | cps   |
| Neodymium  | 150-2 | 10      | 20      | 13      | 14      | 35.26   | cps   |
| Nickel     | 60-2  | 1077    | 1070    | 1057    | 1068    | 0.95    | cps   |
| Phosphorus | 31-2  | 1508    | 1317    | 1325    | 1383    | 7.83    | cps   |
| Potassium  | 39-2  | 67822   | 68232   | 66959   | 67671   | 0.96    | cps   |
| Rhodium    | 103-1 | 4877190 | 4886034 | 4869299 | 4877508 | 0.17    | cps   |
| Rhodium    | 103-2 | 2198756 | 2190761 | 2191355 | 2193624 | 0.20    | cps   |
| Scandium   | 45-1  | 2649859 | 2692875 | 2699310 | 2680682 | 1.00    | cps   |
| Scandium   | 45-2  | 117054  | 118139  | 117548  | 117581  | 0.46    | cps   |
| Selenium   | 77-2  | 0       | 0       | 0       | 0       | 0.00    | cps   |
| Selenium   | 78-2  | 63      | 54      | 28      | 48      | 37.88   | cps   |
| Selenium   | 82-1  | 6       | -21     | -21     | -12     | -127.99 | cps   |
| Silicon    | 28-1  | 2972349 | 2941888 | 2932540 | 2948926 | 0.71    | cps   |
| Silver     | 109-1 | 400     | 383     | 325     | 369     | 10.66   | cps   |
| Silver     | 107-1 | 358     | 308     | 383     | 350     | 10.91   | cps   |
| Sodium     | 23-2  | 1683583 | 1689545 | 1677045 | 1683391 | 0.37    | cps   |
| Strontium  | 86-1  | 32805   | 33407   | 32455   | 32889   | 1.46    | cps   |
| Strontium  | 88-1  | 292874  | 288293  | 284823  | 288663  | 1.40    | cps   |
| Sulfur     | 34-1  | 205718  | 204670  | 205405  | 205265  | 0.26    | cps   |
| Terbium    | 159-1 | 8373153 | 8327479 | 8375362 | 8358665 | 0.32    | cps   |
| Terbium    | 159-2 | 3635278 | 3643477 | 3643054 | 3640603 | 0.13    | cps   |
| Thallium   | 203-1 | 133     | 175     | 75      | 128     | 39.31   | cps   |
| Thallium   | 205-1 | 317     | 308     | 292     | 306     | 4.17    | cps   |
| Tin        | 118-1 | 1258    | 1217    | 1250    | 1242    | 1.78    | cps   |
| Titanium   | 47-1  | 392     | 375     | 400     | 389     | 3.27    | cps   |
| Uranium    | 238-1 | 383     | 317     | 358     | 353     | 9.55    | cps   |
| Vanadium   | 51-2  | 93      | 80      | 97      | 90      | 9.80    | cps   |
| Yttrium    | 89-1  | 5549496 | 5543832 | 5527752 | 5540360 | 0.20    | cps   |
| Yttrium    | 89-2  | 757712  | 757568  | 756312  | 757197  | 0.10    | cps   |
| Zinc       | 66-2  | 33649   | 33355   | 33265   | 33423   | 0.60    | cps   |
| Zirconium  | 90-1  | 508     | 508     | 567     | 528     | 6.38    | cps   |

|                         |                      |                   |                     |
|-------------------------|----------------------|-------------------|---------------------|
| LB Number :             | LB88853              | Operator :        | Jaswal              |
| Lab Sample ID :         | I4279-26             | Instrumnet Name : | P7                  |
| Client Sample ID :      | DC3126-65-FL5-BR537B | Dilution Factor : | 1                   |
| Date & Time Acquired :: | 2017-07-20 00:38:51  | DataFile Name :   | 195SMPL_P7071917 -M |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|-----------|------|------|------|------|---------|--------|-------|
| Zirconium | 91-1 | 100  | 67   | 83   | 83      | 20.00  | cps   |

LB Number : LB88853 Operator : Jaswal  
 Lab Sample ID : I4279-27 Instrumnet Name : P7  
 Client Sample ID : DC3126-66-FL5-CL536B Dilution Factor : 1  
 Date & Time Acquired :: 2017-07-20 00:42:23 DataFile Name : 196SMPL\_P7071917 -M

| Parameter  | Mass  | CPS1    | CPS2    | CPS3    | CPSMean | CPSRSD | Units |
|------------|-------|---------|---------|---------|---------|--------|-------|
| Aluminium  | 27-2  | 50      | 42      | 42      | 44      | 10.82  | cps   |
| Antimony   | 121-1 | 50      | 75      | 17      | 47      | 61.97  | cps   |
| Arsenic    | 75-2  | 4       | 6       | 6       | 5       | 21.74  | cps   |
| Barium     | 135-1 | 167     | 125     | 125     | 139     | 17.32  | cps   |
| Barium     | 137-1 | 250     | 225     | 225     | 233     | 6.19   | cps   |
| Beryllium  | 9-1   | 39      | 61      | 22      | 41      | 47.89  | cps   |
| Bismuth    | 209-1 | 5409757 | 5336910 | 5363191 | 5369953 | 0.69   | cps   |
| Bismuth    | 209-2 | 3075521 | 2833326 | 2858361 | 2922403 | 4.56   | cps   |
| Boron      | 10-1  | 367     | 425     | 275     | 356     | 21.27  | cps   |
| Boron      | 11-1  | 1767    | 1600    | 1867    | 1745    | 7.72   | cps   |
| Cadmium    | 111-1 | 1289    | 1148    | 1267    | 1235    | 6.17   | cps   |
| Cadmium    | 106-1 | 1850    | 1633    | 1809    | 1764    | 6.52   | cps   |
| Cadmium    | 108-1 | 8       | 0       | 4       | 4       | 99.96  | cps   |
| Calcium    | 43-1  | 108428  | 107891  | 107538  | 107953  | 0.42   | cps   |
| Calcium    | 44-1  | 1752915 | 1744354 | 1734098 | 1743789 | 0.54   | cps   |
| Chromium   | 52-2  | 333     | 340     | 373     | 349     | 6.14   | cps   |
| Cobalt     | 59-2  | 50      | 33      | 47      | 43      | 20.36  | cps   |
| Copper     | 63-2  | 540     | 570     | 643     | 584     | 9.10   | cps   |
| Dysprosium | 156-1 | 0       | 0       | 8       | 3       | 173.21 | cps   |
| Dysprosium | 156-2 | 13      | 0       | 3       | 6       | 124.93 | cps   |
| Erbium     | 164-1 | 25      | 50      | 50      | 42      | 34.64  | cps   |
| Erbium     | 164-2 | 17      | 23      | 20      | 20      | 16.65  | cps   |
| Gadolinium | 160-1 | 75      | 58      | 42      | 58      | 28.57  | cps   |
| Gadolinium | 160-2 | 90      | 47      | 40      | 59      | 46.10  | cps   |
| Holmium    | 165-1 | 8292037 | 8240298 | 8199654 | 8243996 | 0.56   | cps   |
| Holmium    | 165-2 | 3830832 | 3632547 | 3673755 | 3712378 | 2.82   | cps   |
| Indium     | 115-1 | 5747612 | 5645755 | 5659790 | 5684386 | 0.97   | cps   |
| Indium     | 115-2 | 1087077 | 1031464 | 1045778 | 1054773 | 2.74   | cps   |
| Iron       | 56-2  | 2950    | 3217    | 2928    | 3032    | 5.30   | cps   |
| Iron       | 57-2  | 361     | 339     | 317     | 339     | 6.56   | cps   |
| Lead       | 206-1 | 889     | 872     | 861     | 874     | 1.60   | cps   |
| Lead       | 207-1 | 845     | 839     | 800     | 828     | 2.93   | cps   |
| Lead       | 208-1 | 3584    | 3589    | 3495    | 3556    | 1.49   | cps   |
| Lithium    | 6-1   | 800027  | 793127  | 792406  | 795187  | 0.53   | cps   |
| Magnesium  | 24-2  | 286429  | 289771  | 286755  | 287651  | 0.64   | cps   |
| Manganese  | 55-2  | 313     | 263     | 307     | 294     | 9.22   | cps   |

LB Number : LB88853 Operator : Jaswal  
 Lab Sample ID : I4279-27 Instrumnet Name : P7  
 Client Sample ID : DC3126-66-FL5-CL536B Dilution Factor : 1  
 Date & Time Acquired :: 2017-07-20 00:42:23 DataFile Name : 196SMPL\_P7071917 -M

| Parameter  | Mass  | CPS1    | CPS2    | CPS3    | CPSMean | CPSRSD  | Units |
|------------|-------|---------|---------|---------|---------|---------|-------|
| Molybdenum | 94-1  | 100     | 125     | 75      | 100     | 25.00   | cps   |
| Molybdenum | 95-1  | 25      | 25      | 42      | 31      | 31.50   | cps   |
| Molybdenum | 96-1  | 25      | 33      | 42      | 33      | 25.01   | cps   |
| Molybdenum | 97-1  | 33      | 17      | 58      | 36      | 58.08   | cps   |
| Molybdenum | 98-1  | 8       | 42      | 25      | 25      | 66.68   | cps   |
| Neodymium  | 150-1 | 0       | 20      | 7       | 9       | 114.55  | cps   |
| Neodymium  | 150-2 | 0       | 0       | 0       | 0       | 0.00    | cps   |
| Nickel     | 60-2  | 227     | 257     | 203     | 229     | 11.68   | cps   |
| Phosphorus | 31-2  | 42      | 67      | 92      | 67      | 37.50   | cps   |
| Potassium  | 39-2  | 21391   | 22026   | 21617   | 21678   | 1.48    | cps   |
| Rhodium    | 103-1 | 4953453 | 4924250 | 4902116 | 4926606 | 0.52    | cps   |
| Rhodium    | 103-2 | 2280850 | 2163115 | 2188540 | 2210835 | 2.80    | cps   |
| Scandium   | 45-1  | 2709823 | 2684815 | 2706932 | 2700523 | 0.51    | cps   |
| Scandium   | 45-2  | 123161  | 114384  | 115966  | 117837  | 3.97    | cps   |
| Selenium   | 77-2  | 0       | 0       | 3       | 1       | 173.21  | cps   |
| Selenium   | 78-2  | 39      | 43      | 43      | 41      | 5.17    | cps   |
| Selenium   | 82-1  | -100    | 36      | 70      | 2       | 4493.45 | cps   |
| Silicon    | 28-1  | 211332  | 207758  | 206772  | 208621  | 1.15    | cps   |
| Silver     | 109-1 | 25      | 67      | 33      | 42      | 52.92   | cps   |
| Silver     | 107-1 | 42      | 125     | 100     | 89      | 48.11   | cps   |
| Sodium     | 23-2  | 1137382 | 1139118 | 1132832 | 1136444 | 0.29    | cps   |
| Strontium  | 86-1  | 2192    | 2159    | 2267    | 2206    | 2.52    | cps   |
| Strontium  | 88-1  | 14817   | 14666   | 14616   | 14700   | 0.71    | cps   |
| Sulfur     | 34-1  | 264483  | 264434  | 264712  | 264543  | 0.06    | cps   |
| Terbium    | 159-1 | 8364207 | 8363654 | 8323653 | 8350505 | 0.28    | cps   |
| Terbium    | 159-2 | 3741692 | 3559258 | 3605470 | 3635473 | 2.61    | cps   |
| Thallium   | 203-1 | 125     | 158     | 92      | 125     | 26.67   | cps   |
| Thallium   | 205-1 | 267     | 367     | 300     | 311     | 16.37   | cps   |
| Tin        | 118-1 | 175     | 283     | 208     | 222     | 24.97   | cps   |
| Titanium   | 47-1  | 50      | 83      | 58      | 64      | 27.15   | cps   |
| Uranium    | 238-1 | 50      | 25      | 50      | 42      | 34.64   | cps   |
| Vanadium   | 51-2  | 13      | 20      | 20      | 18      | 21.66   | cps   |
| Yttrium    | 89-1  | 5590516 | 5629362 | 5544178 | 5588019 | 0.76    | cps   |
| Yttrium    | 89-2  | 784384  | 748941  | 759753  | 764359  | 2.38    | cps   |
| Zinc       | 66-2  | 133     | 150     | 197     | 160     | 20.52   | cps   |
| Zirconium  | 90-1  | 225     | 167     | 208     | 200     | 15.03   | cps   |

|                         |                      |                   |                     |
|-------------------------|----------------------|-------------------|---------------------|
| LB Number :             | LB88853              | Operator :        | Jaswal              |
| Lab Sample ID :         | I4279-27             | Instrumnet Name : | P7                  |
| Client Sample ID :      | DC3126-66-FL5-CL536B | Dilution Factor : | 1                   |
| Date & Time Acquired :: | 2017-07-20 00:42:23  | DataFile Name :   | 196SMPL_P7071917 -M |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|-----------|------|------|------|------|---------|--------|-------|
| Zirconium | 91-1 | 83   | 67   | 50   | 67      | 25.00  | cps   |

LB Number : LB88853 Operator : Jaswal  
 Lab Sample ID : I4279-28 Instrumnet Name : P7  
 Client Sample ID : DC3126-67-FL5-CL536B Dilution Factor : 1  
 Date & Time Acquired :: 2017-07-20 00:45:55 DataFile Name : 197SMPL\_P7071917 -M

| Parameter  | Mass  | CPS1    | CPS2    | CPS3    | CPSMean | CPSRSD | Units |
|------------|-------|---------|---------|---------|---------|--------|-------|
| Aluminium  | 27-2  | 67      | 67      | 75      | 69      | 6.93   | cps   |
| Antimony   | 121-1 | 25      | 50      | 33      | 36      | 35.25  | cps   |
| Arsenic    | 75-2  | 2       | 0       | 4       | 2       | 100.00 | cps   |
| Barium     | 135-1 | 117     | 167     | 158     | 147     | 18.20  | cps   |
| Barium     | 137-1 | 325     | 217     | 183     | 242     | 30.65  | cps   |
| Beryllium  | 9-1   | 44      | 44      | 44      | 44      | 0.00   | cps   |
| Bismuth    | 209-1 | 5361084 | 5197363 | 5157002 | 5238483 | 2.06   | cps   |
| Bismuth    | 209-2 | 2895062 | 2728507 | 2929014 | 2850861 | 3.76   | cps   |
| Boron      | 10-1  | 267     | 367     | 425     | 353     | 22.70  | cps   |
| Boron      | 11-1  | 1492    | 1759    | 1658    | 1636    | 8.23   | cps   |
| Cadmium    | 111-1 | 1212    | 1082    | 1138    | 1144    | 5.68   | cps   |
| Cadmium    | 106-1 | 1725    | 1559    | 1625    | 1636    | 5.13   | cps   |
| Cadmium    | 108-1 | 0       | 13      | 0       | 4       | 173.21 | cps   |
| Calcium    | 43-1  | 104350  | 104291  | 104005  | 104215  | 0.18   | cps   |
| Calcium    | 44-1  | 1709236 | 1699082 | 1688398 | 1698906 | 0.61   | cps   |
| Chromium   | 52-2  | 347     | 340     | 350     | 346     | 1.47   | cps   |
| Cobalt     | 59-2  | 27      | 60      | 30      | 39      | 47.20  | cps   |
| Copper     | 63-2  | 520     | 517     | 490     | 509     | 3.23   | cps   |
| Dysprosium | 156-1 | 0       | 17      | 0       | 6       | 173.21 | cps   |
| Dysprosium | 156-2 | 0       | 0       | 7       | 2       | 173.21 | cps   |
| Erbium     | 164-1 | 58      | 33      | 33      | 42      | 34.65  | cps   |
| Erbium     | 164-2 | 10      | 3       | 3       | 6       | 69.34  | cps   |
| Gadolinium | 160-1 | 17      | 42      | 33      | 31      | 41.66  | cps   |
| Gadolinium | 160-2 | 63      | 40      | 73      | 59      | 29.04  | cps   |
| Holmium    | 165-1 | 8100192 | 7925775 | 7853229 | 7959732 | 1.59   | cps   |
| Holmium    | 165-2 | 3610315 | 3528718 | 3643781 | 3594271 | 1.65   | cps   |
| Indium     | 115-1 | 5657760 | 5479575 | 5435221 | 5524185 | 2.13   | cps   |
| Indium     | 115-2 | 1029519 | 995761  | 1037388 | 1020890 | 2.17   | cps   |
| Iron       | 56-2  | 9309    | 9420    | 9403    | 9377    | 0.64   | cps   |
| Iron       | 57-2  | 544     | 489     | 450     | 494     | 9.60   | cps   |
| Lead       | 206-1 | 845     | 806     | 850     | 833     | 2.91   | cps   |
| Lead       | 207-1 | 789     | 828     | 794     | 804     | 2.62   | cps   |
| Lead       | 208-1 | 3500    | 3384    | 3328    | 3404    | 2.58   | cps   |
| Lithium    | 6-1   | 788457  | 778720  | 773499  | 780225  | 0.97   | cps   |
| Magnesium  | 24-2  | 279449  | 282165  | 281701  | 281105  | 0.52   | cps   |
| Manganese  | 55-2  | 370     | 353     | 310     | 344     | 8.99   | cps   |



|                         |                      |                   |                     |
|-------------------------|----------------------|-------------------|---------------------|
| LB Number :             | LB88853              | Operator :        | Jaswal              |
| Lab Sample ID :         | I4279-28             | Instrumnet Name : | P7                  |
| Client Sample ID :      | DC3126-67-FL5-CL536B | Dilution Factor : | 1                   |
| Date & Time Acquired :: | 2017-07-20 00:45:55  | DataFile Name :   | 197SMPL_P7071917 -M |

| Parameter  | Mass  | CPS1    | CPS2    | CPS3    | CPSMean | CPSRSD | Units |
|------------|-------|---------|---------|---------|---------|--------|-------|
| Molybdenum | 94-1  | 108     | 158     | 108     | 125     | 23.09  | cps   |
| Molybdenum | 95-1  | 17      | 17      | 25      | 19      | 24.73  | cps   |
| Molybdenum | 96-1  | 33      | 25      | 25      | 28      | 17.31  | cps   |
| Molybdenum | 97-1  | 17      | 33      | 33      | 28      | 34.63  | cps   |
| Molybdenum | 98-1  | 8       | 33      | 25      | 22      | 57.30  | cps   |
| Neodymium  | 150-1 | 0       | 7       | 13      | 7       | 99.98  | cps   |
| Neodymium  | 150-2 | 0       | 0       | 0       | 0       | 0.00   | cps   |
| Nickel     | 60-2  | 250     | 233     | 197     | 227     | 12.04  | cps   |
| Phosphorus | 31-2  | 50      | 83      | 83      | 72      | 26.65  | cps   |
| Potassium  | 39-2  | 22092   | 21808   | 22543   | 22148   | 1.67   | cps   |
| Rhodium    | 103-1 | 4888286 | 4737306 | 4694937 | 4773510 | 2.13   | cps   |
| Rhodium    | 103-2 | 2152880 | 2094840 | 2179920 | 2142547 | 2.03   | cps   |
| Scandium   | 45-1  | 2695363 | 2644409 | 2627770 | 2655847 | 1.33   | cps   |
| Scandium   | 45-2  | 115059  | 111138  | 114716  | 113638  | 1.91   | cps   |
| Selenium   | 77-2  | 0       | 3       | 0       | 1       | 173.21 | cps   |
| Selenium   | 78-2  | 41      | 31      | 54      | 42      | 26.59  | cps   |
| Selenium   | 82-1  | 38      | 26      | 21      | 28      | 30.30  | cps   |
| Silicon    | 28-1  | 212413  | 215609  | 210734  | 212919  | 1.16   | cps   |
| Silver     | 109-1 | 50      | 50      | 92      | 64      | 37.66  | cps   |
| Silver     | 107-1 | 92      | 33      | 117     | 81      | 53.09  | cps   |
| Sodium     | 23-2  | 1098433 | 1100730 | 1102390 | 1100518 | 0.18   | cps   |
| Strontium  | 86-1  | 2325    | 2442    | 2267    | 2345    | 3.80   | cps   |
| Strontium  | 88-1  | 15384   | 13791   | 14400   | 14525   | 5.54   | cps   |
| Sulfur     | 34-1  | 263695  | 264940  | 260576  | 263070  | 0.85   | cps   |
| Terbium    | 159-1 | 8265553 | 8139012 | 8098793 | 8167786 | 1.07   | cps   |
| Terbium    | 159-2 | 3566776 | 3460564 | 3569949 | 3532430 | 1.76   | cps   |
| Thallium   | 203-1 | 100     | 83      | 67      | 83      | 20.00  | cps   |
| Thallium   | 205-1 | 267     | 267     | 250     | 261     | 3.69   | cps   |
| Tin        | 118-1 | 275     | 233     | 192     | 233     | 17.86  | cps   |
| Titanium   | 47-1  | 108     | 42      | 42      | 64      | 60.24  | cps   |
| Uranium    | 238-1 | 25      | 25      | 42      | 31      | 31.50  | cps   |
| Vanadium   | 51-2  | 3       | 17      | 13      | 11      | 62.48  | cps   |
| Yttrium    | 89-1  | 5539517 | 5366060 | 5348392 | 5417990 | 1.95   | cps   |
| Yttrium    | 89-2  | 741905  | 727383  | 751994  | 740428  | 1.67   | cps   |
| Zinc       | 66-2  | 173     | 140     | 190     | 168     | 15.18  | cps   |
| Zirconium  | 90-1  | 342     | 350     | 292     | 328     | 9.63   | cps   |

|                         |                      |                   |                     |
|-------------------------|----------------------|-------------------|---------------------|
| LB Number :             | LB88853              | Operator :        | Jaswal              |
| Lab Sample ID :         | I4279-28             | Instrumnet Name : | P7                  |
| Client Sample ID :      | DC3126-67-FL5-CL536B | Dilution Factor : | 1                   |
| Date & Time Acquired :: | 2017-07-20 00:45:55  | DataFile Name :   | 197SMPL_P7071917 -M |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|-----------|------|------|------|------|---------|--------|-------|
| Zirconium | 91-1 | 58   | 33   | 67   | 53      | 32.88  | cps   |

|                         |                     |                   |                      |
|-------------------------|---------------------|-------------------|----------------------|
| LB Number :             | LB88853             | Operator :        | Jaswal               |
| Lab Sample ID :         | CCV46               | Instrumnet Name : | P7                   |
| Client Sample ID :      | CCV46               | Dilution Factor : | 1                    |
| Date & Time Acquired :: | 2017-07-20 00:49:28 | DataFile Name :   | 198CCV_P7071917 -MS. |

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|------------|-------|----------|----------|----------|----------|--------|-------|
| Aluminium  | 27-2  | 42       | 25       | 50       | 39       | 32.73  | cps   |
| Antimony   | 121-1 | 25       | 25       | 58       | 36       | 53.30  | cps   |
| Arsenic    | 75-2  | 9        | 4        | 4        | 6        | 57.80  | cps   |
| Barium     | 135-1 | 92       | 33       | 33       | 53       | 63.82  | cps   |
| Barium     | 137-1 | 58       | 42       | 33       | 44       | 28.65  | cps   |
| Beryllium  | 9-1   | 33       | 56       | 61       | 50       | 29.40  | cps   |
| Bismuth    | 209-1 | 4848122  | 4863980  | 4887499  | 4866534  | 0.41   | cps   |
| Bismuth    | 209-2 | 2694349  | 2700542  | 2660319  | 2685070  | 0.81   | cps   |
| Boron      | 10-1  | 108      | 133      | 100      | 114      | 15.23  | cps   |
| Boron      | 11-1  | 608      | 625      | 692      | 642      | 6.87   | cps   |
| Cadmium    | 111-1 | 1101     | 1047     | 1075     | 1074     | 2.50   | cps   |
| Cadmium    | 106-1 | 1575     | 1500     | 1533     | 1536     | 2.45   | cps   |
| Cadmium    | 108-1 | 8        | 4        | 4        | 6        | 43.22  | cps   |
| Calcium    | 43-1  | 233      | 242      | 208      | 228      | 7.62   | cps   |
| Calcium    | 44-1  | 4034     | 4034     | 4042     | 4037     | 0.12   | cps   |
| Chromium   | 52-2  | 353      | 290      | 240      | 294      | 19.29  | cps   |
| Cobalt     | 59-2  | 50       | 60       | 57       | 56       | 9.17   | cps   |
| Copper     | 63-2  | 563      | 590      | 543      | 566      | 4.14   | cps   |
| Dysprosium | 156-1 | 0        | 25       | 17       | 14       | 91.65  | cps   |
| Dysprosium | 156-2 | 3        | 0        | 0        | 1        | 173.21 | cps   |
| Erbium     | 164-1 | 42       | 17       | 33       | 31       | 41.66  | cps   |
| Erbium     | 164-2 | 10       | 7        | 7        | 8        | 24.71  | cps   |
| Gadolinium | 160-1 | 25       | 50       | 25       | 33       | 43.30  | cps   |
| Gadolinium | 160-2 | 37       | 73       | 20       | 43       | 62.96  | cps   |
| Holmium    | 165-1 | 7358491  | 7371782  | 7475037  | 7401770  | 0.86   | cps   |
| Holmium    | 165-2 | 3377310  | 3399476  | 3345915  | 3374234  | 0.80   | cps   |
| Indium     | 115-1 | 5101084  | 5124326  | 5142777  | 5122729  | 0.41   | cps   |
| Indium     | 115-2 | 972015   | 962619   | 959497   | 964710   | 0.68   | cps   |
| Iron       | 56-2  | 3006     | 2650     | 2723     | 2793     | 6.73   | cps   |
| Iron       | 57-2  | 122      | 144      | 172      | 146      | 17.12  | cps   |
| Lead       | 206-1 | 2445222  | 2438805  | 2446156  | 2443395  | 0.16   | cps   |
| Lead       | 207-1 | 2243701  | 2240900  | 2244639  | 2243080  | 0.09   | cps   |
| Lead       | 208-1 | 10108298 | 10062904 | 10102366 | 10091189 | 0.24   | cps   |
| Lithium    | 6-1   | 723745   | 724503   | 731749   | 726666   | 0.61   | cps   |
| Magnesium  | 24-2  | 1017     | 1000     | 1092     | 1036     | 4.71   | cps   |
| Manganese  | 55-2  | 313      | 290      | 247      | 283      | 11.94  | cps   |

LB Number : LB88853 Operator : Jaswal  
 Lab Sample ID : CCV46 Instrumnet Name : P7  
 Client Sample ID : CCV46 Dilution Factor : 1  
 Date & Time Acquired :: 2017-07-20 00:49:28 DataFile Name : 198CCV\_P7071917 -MS.

| Parameter  | Mass  | CPS1    | CPS2    | CPS3    | CPSMean | CPSRSD  | Units |
|------------|-------|---------|---------|---------|---------|---------|-------|
| Molybdenum | 94-1  | 100     | 75      | 83      | 86      | 14.79   | cps   |
| Molybdenum | 95-1  | 25      | 8       | 0       | 11      | 114.58  | cps   |
| Molybdenum | 96-1  | 58      | 33      | 17      | 36      | 58.07   | cps   |
| Molybdenum | 97-1  | 50      | 25      | 33      | 36      | 35.25   | cps   |
| Molybdenum | 98-1  | 25      | 25      | 17      | 22      | 21.64   | cps   |
| Neodymium  | 150-1 | 0       | 7       | 7       | 4       | 86.60   | cps   |
| Neodymium  | 150-2 | 3       | 0       | 3       | 2       | 86.60   | cps   |
| Nickel     | 60-2  | 160     | 163     | 177     | 167     | 5.29    | cps   |
| Phosphorus | 31-2  | 42      | 117     | 25      | 61      | 79.90   | cps   |
| Potassium  | 39-2  | 19998   | 20198   | 20290   | 20162   | 0.74    | cps   |
| Rhodium    | 103-1 | 4449281 | 4473733 | 4480507 | 4467840 | 0.37    | cps   |
| Rhodium    | 103-2 | 2036416 | 2027309 | 2034485 | 2032737 | 0.24    | cps   |
| Scandium   | 45-1  | 2443007 | 2457344 | 2475191 | 2458514 | 0.66    | cps   |
| Scandium   | 45-2  | 108907  | 107362  | 106241  | 107503  | 1.25    | cps   |
| Selenium   | 77-2  | 0       | 0       | 0       | 0       | 0.00    | cps   |
| Selenium   | 78-2  | 43      | 48      | 46      | 46      | 6.20    | cps   |
| Selenium   | 82-1  | 8       | -82     | 37      | -12     | -507.90 | cps   |
| Silicon    | 28-1  | 205687  | 205081  | 204673  | 205147  | 0.25    | cps   |
| Silver     | 109-1 | 67      | 83      | 33      | 61      | 41.67   | cps   |
| Silver     | 107-1 | 67      | 42      | 100     | 69      | 42.14   | cps   |
| Sodium     | 23-2  | 13874   | 13732   | 13006   | 13537   | 3.44    | cps   |
| Strontium  | 86-1  | 725     | 667     | 658     | 683     | 5.32    | cps   |
| Strontium  | 88-1  | 200     | 200     | 158     | 186     | 12.93   | cps   |
| Sulfur     | 34-1  | 183398  | 185744  | 187896  | 185679  | 1.21    | cps   |
| Terbium    | 159-1 | 7590454 | 7621048 | 7713247 | 7641583 | 0.84    | cps   |
| Terbium    | 159-2 | 3336637 | 3335659 | 3291967 | 3321421 | 0.77    | cps   |
| Thallium   | 203-1 | 158     | 175     | 108     | 147     | 23.57   | cps   |
| Thallium   | 205-1 | 358     | 367     | 325     | 350     | 6.30    | cps   |
| Tin        | 118-1 | 175     | 158     | 250     | 194     | 25.11   | cps   |
| Titanium   | 47-1  | 33      | 50      | 133     | 72      | 74.19   | cps   |
| Uranium    | 238-1 | 33      | 58      | 42      | 44      | 28.64   | cps   |
| Vanadium   | 51-2  | 3       | 7       | 3       | 4       | 43.40   | cps   |
| Yttrium    | 89-1  | 5005378 | 5004409 | 5050357 | 5020048 | 0.52    | cps   |
| Yttrium    | 89-2  | 698322  | 698350  | 698510  | 698394  | 0.01    | cps   |
| Zinc       | 66-2  | 187     | 220     | 233     | 213     | 11.27   | cps   |
| Zirconium  | 90-1  | 208     | 308     | 233     | 250     | 20.82   | cps   |

|                         |                     |                   |                      |
|-------------------------|---------------------|-------------------|----------------------|
| LB Number :             | LB88853             | Operator :        | Jaswal               |
| Lab Sample ID :         | CCV46               | Instrumnet Name : | P7                   |
| Client Sample ID :      | CCV46               | Dilution Factor : | 1                    |
| Date & Time Acquired :: | 2017-07-20 00:49:28 | DataFile Name :   | 198CCV_P7071917 -MS. |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|-----------|------|------|------|------|---------|--------|-------|
| Zirconium | 91-1 | 83   | 58   | 50   | 64      | 27.15  | cps   |

|                         |                     |                   |                     |
|-------------------------|---------------------|-------------------|---------------------|
| LB Number :             | LB88853             | Operator :        | Jaswal              |
| Lab Sample ID :         | CCB46               | Instrumnet Name : | P7                  |
| Client Sample ID :      | CCB46               | Dilution Factor : | 1                   |
| Date & Time Acquired :: | 2017-07-20 00:53:01 | DataFile Name :   | 199CCBE_P7071917 -M |

| Parameter  | Mass  | CPS1    | CPS2    | CPS3    | CPSMean | CPSRSD | Units |
|------------|-------|---------|---------|---------|---------|--------|-------|
| Aluminium  | 27-2  | 83      | 33      | 33      | 50      | 57.75  | cps   |
| Antimony   | 121-1 | 42      | 17      | 50      | 36      | 48.03  | cps   |
| Arsenic    | 75-2  | 2       | 7       | 7       | 6       | 57.77  | cps   |
| Barium     | 135-1 | 25      | 33      | 17      | 25      | 33.32  | cps   |
| Barium     | 137-1 | 42      | 50      | 25      | 39      | 32.73  | cps   |
| Beryllium  | 9-1   | 28      | 22      | 33      | 28      | 20.00  | cps   |
| Bismuth    | 209-1 | 4789198 | 4698512 | 4800784 | 4762831 | 1.18   | cps   |
| Bismuth    | 209-2 | 2663500 | 2689460 | 2525327 | 2626096 | 3.36   | cps   |
| Boron      | 10-1  | 83      | 92      | 125     | 100     | 22.05  | cps   |
| Boron      | 11-1  | 375     | 533     | 550     | 486     | 19.87  | cps   |
| Cadmium    | 111-1 | 998     | 1180    | 1187    | 1122    | 9.57   | cps   |
| Cadmium    | 106-1 | 1425    | 1684    | 1700    | 1603    | 9.62   | cps   |
| Cadmium    | 108-1 | 0       | 4       | 4       | 3       | 86.60  | cps   |
| Calcium    | 43-1  | 117     | 117     | 92      | 108     | 13.32  | cps   |
| Calcium    | 44-1  | 2859    | 3025    | 2942    | 2942    | 2.83   | cps   |
| Chromium   | 52-2  | 267     | 277     | 340     | 294     | 13.51  | cps   |
| Cobalt     | 59-2  | 63      | 47      | 63      | 58      | 16.65  | cps   |
| Copper     | 63-2  | 533     | 603     | 537     | 558     | 7.08   | cps   |
| Dysprosium | 156-1 | 0       | 8       | 8       | 6       | 86.60  | cps   |
| Dysprosium | 156-2 | 0       | 0       | 0       | 0       | 0.00   | cps   |
| Erbium     | 164-1 | 42      | 33      | 50      | 42      | 20.00  | cps   |
| Erbium     | 164-2 | 10      | 10      | 3       | 8       | 49.52  | cps   |
| Gadolinium | 160-1 | 33      | 42      | 8       | 28      | 62.46  | cps   |
| Gadolinium | 160-2 | 63      | 50      | 37      | 50      | 26.66  | cps   |
| Holmium    | 165-1 | 7294784 | 7253240 | 7418257 | 7322094 | 1.17   | cps   |
| Holmium    | 165-2 | 3359024 | 3383615 | 3238678 | 3327106 | 2.33   | cps   |
| Indium     | 115-1 | 5033082 | 5009112 | 5073396 | 5038530 | 0.64   | cps   |
| Indium     | 115-2 | 962218  | 960974  | 916839  | 946677  | 2.73   | cps   |
| Iron       | 56-2  | 2956    | 2595    | 2811    | 2787    | 6.52   | cps   |
| Iron       | 57-2  | 211     | 200     | 128     | 180     | 25.19  | cps   |
| Lead       | 206-1 | 856     | 850     | 1011    | 906     | 10.10  | cps   |
| Lead       | 207-1 | 861     | 950     | 806     | 872     | 8.35   | cps   |
| Lead       | 208-1 | 3489    | 3711    | 3628    | 3610    | 3.11   | cps   |
| Lithium    | 6-1   | 712817  | 711187  | 721415  | 715140  | 0.77   | cps   |
| Magnesium  | 24-2  | 1008    | 917     | 883     | 936     | 6.91   | cps   |
| Manganese  | 55-2  | 320     | 233     | 257     | 270     | 16.61  | cps   |

|                         |                     |                   |                     |
|-------------------------|---------------------|-------------------|---------------------|
| LB Number :             | LB88853             | Operator :        | Jaswal              |
| Lab Sample ID :         | CCB46               | Instrumnet Name : | P7                  |
| Client Sample ID :      | CCB46               | Dilution Factor : | 1                   |
| Date & Time Acquired :: | 2017-07-20 00:53:01 | DataFile Name :   | 199CCBE_P7071917 -M |

| Parameter  | Mass  | CPS1    | CPS2    | CPS3    | CPSMean | CPSRSD  | Units |
|------------|-------|---------|---------|---------|---------|---------|-------|
| Molybdenum | 94-1  | 150     | 125     | 83      | 119     | 28.20   | cps   |
| Molybdenum | 95-1  | 17      | 0       | 0       | 6       | 173.21  | cps   |
| Molybdenum | 96-1  | 33      | 75      | 83      | 64      | 41.93   | cps   |
| Molybdenum | 97-1  | 25      | 17      | 33      | 25      | 33.32   | cps   |
| Molybdenum | 98-1  | 25      | 0       | 0       | 8       | 173.21  | cps   |
| Neodymium  | 150-1 | 13      | 0       | 0       | 4       | 173.21  | cps   |
| Neodymium  | 150-2 | 0       | 0       | 0       | 0       | 0.00    | cps   |
| Nickel     | 60-2  | 187     | 200     | 177     | 188     | 6.24    | cps   |
| Phosphorus | 31-2  | 58      | 92      | 58      | 69      | 27.71   | cps   |
| Potassium  | 39-2  | 19814   | 19180   | 19105   | 19366   | 2.01    | cps   |
| Rhodium    | 103-1 | 4372336 | 4363160 | 4428867 | 4388121 | 0.81    | cps   |
| Rhodium    | 103-2 | 2019763 | 2026315 | 1934249 | 1993442 | 2.58    | cps   |
| Scandium   | 45-1  | 2401587 | 2365743 | 2427771 | 2398367 | 1.30    | cps   |
| Scandium   | 45-2  | 106526  | 108829  | 101612  | 105656  | 3.49    | cps   |
| Selenium   | 77-2  | 0       | 0       | 0       | 0       | 0.00    | cps   |
| Selenium   | 78-2  | 56      | 43      | 30      | 43      | 30.44   | cps   |
| Selenium   | 82-1  | -13     | -21     | 23      | -4      | -648.47 | cps   |
| Silicon    | 28-1  | 205979  | 203764  | 205480  | 205074  | 0.57    | cps   |
| Silver     | 109-1 | 42      | 33      | 83      | 53      | 50.76   | cps   |
| Silver     | 107-1 | 100     | 83      | 108     | 97      | 13.09   | cps   |
| Sodium     | 23-2  | 12814   | 12639   | 13198   | 12884   | 2.22    | cps   |
| Strontium  | 86-1  | 767     | 633     | 433     | 611     | 27.45   | cps   |
| Strontium  | 88-1  | 142     | 208     | 175     | 175     | 19.05   | cps   |
| Sulfur     | 34-1  | 188259  | 187819  | 186394  | 187491  | 0.52    | cps   |
| Terbium    | 159-1 | 7496527 | 7495524 | 7477052 | 7489701 | 0.15    | cps   |
| Terbium    | 159-2 | 3288979 | 3349699 | 3161601 | 3266760 | 2.94    | cps   |
| Thallium   | 203-1 | 100     | 225     | 167     | 164     | 38.16   | cps   |
| Thallium   | 205-1 | 408     | 400     | 425     | 411     | 3.10    | cps   |
| Tin        | 118-1 | 500     | 750     | 625     | 625     | 20.00   | cps   |
| Titanium   | 47-1  | 33      | 33      | 17      | 28      | 34.63   | cps   |
| Uranium    | 238-1 | 33      | 17      | 42      | 31      | 41.66   | cps   |
| Vanadium   | 51-2  | 7       | 10      | 7       | 8       | 24.71   | cps   |
| Yttrium    | 89-1  | 4928645 | 4918135 | 4987499 | 4944760 | 0.76    | cps   |
| Yttrium    | 89-2  | 696124  | 699074  | 667132  | 687443  | 2.57    | cps   |
| Zinc       | 66-2  | 93      | 137     | 97      | 109     | 22.14   | cps   |
| Zirconium  | 90-1  | 258     | 250     | 250     | 253     | 1.90    | cps   |

|                         |                     |                   |                      |
|-------------------------|---------------------|-------------------|----------------------|
| LB Number :             | LB88853             | Operator :        | Jaswal               |
| Lab Sample ID :         | CCB46               | Instrumnet Name : | P7                   |
| Client Sample ID :      | CCB46               | Dilution Factor : | 1                    |
| Date & Time Acquired :: | 2017-07-20 00:53:01 | DataFile Name :   | 199CCBE_P7071917 -M: |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|-----------|------|------|------|------|---------|--------|-------|
| Zirconium | 91-1 | 50   | 100  | 67   | 72      | 35.26  | cps   |