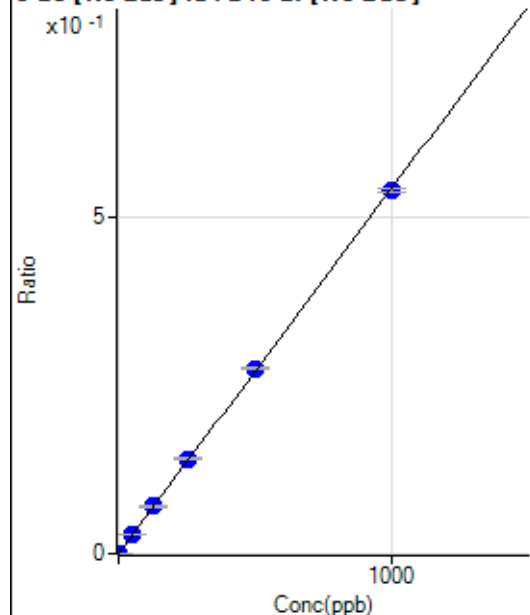


Batch Folder: D:\P8032218-MS.b\  
Analysis File: P8032218-MS.batch.bin  
DA Date-Time: 2018-03-22 17:56:09  
Calibration Title:  
Calibration Method: External Calibration  
VIS Interpolation Fit:

| Level | Standard Data File | Sample Name | Acq. Date-Time      |
|-------|--------------------|-------------|---------------------|
| 1     | 003CALB.d          | S00         | 2018-03-22 12:01:34 |
| 2     |                    |             |                     |
| 3     | 005CAL.S.d         | S02         | 2018-03-22 12:09:04 |
| 4     | 006CAL.S.d         | S03         | 2018-03-22 12:12:47 |
| 5     | 007CAL.S.d         | S04         | 2018-03-22 12:16:31 |
| 6     | 008CAL.S.d         | S05         | 2018-03-22 12:20:11 |
| 7     | 009CAL.S.d         | S06         | 2018-03-22 12:23:42 |
| 8     | 010CAL.S.d         | S07         | 2018-03-22 12:27:14 |
| 9     | 011CAL.S.d         | S08         | 2018-03-22 12:30:38 |

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

|   | R <sub>ct</sub>          | Conc.    | Calc Conc. | CPS       | Ratio  | Det. | RSD  |
|---|--------------------------|----------|------------|-----------|--------|------|------|
| 1 | <input type="checkbox"/> | 0.000    | 0.000      | 98.15     | 0.0001 | P    | 25.7 |
| 2 | <input type="checkbox"/> | 0.100    |            |           |        |      |      |
| 3 | <input type="checkbox"/> | 1.000    | 1.003      | 796.34    | 0.0006 | P    | 11.3 |
| 4 | <input type="checkbox"/> | 50.000   | 52.526     | 37183.74  | 0.0285 | P    | 2.3  |
| 5 | <input type="checkbox"/> | 125.000  | 130.212    | 94955.91  | 0.0706 | P    | 2.7  |
| 6 | <input type="checkbox"/> | 250.000  | 260.444    | 187387.96 | 0.1411 | P    | 1.3  |
| 7 | <input type="checkbox"/> | 500.000  | 505.979    | 360134.67 | 0.2740 | P    | 1.0  |
| 8 | <input type="checkbox"/> | 1000.000 | 993.622    | 692929.47 | 0.5380 | P    | 1.1  |
| 9 | <input type="checkbox"/> |          |            | 509.28    | 0.0004 | P    | 19.6 |

$$y = 5.4133\text{E-}004 * x + 7.4064\text{E-}005$$

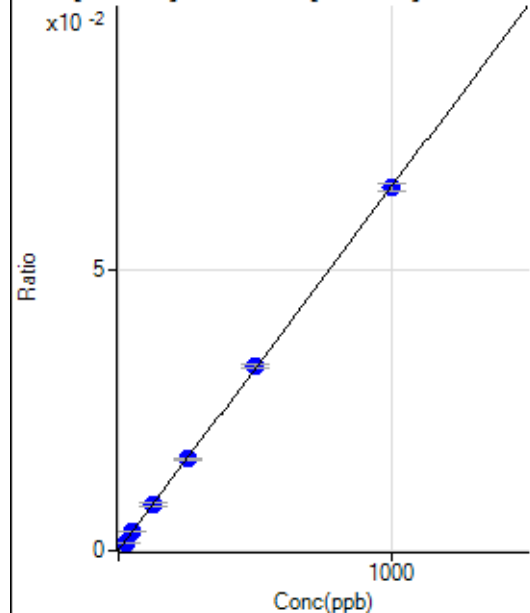
$$R = 0.9999$$

$$DL = 0.1056$$

$$BEC = 0.1368$$

Weight: &lt;None&gt;

Min Conc: 0

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

|   | R <sub>ct</sub>          | Conc.    | Calc Conc. | CPS      | Ratio  | Det. | RSD  |
|---|--------------------------|----------|------------|----------|--------|------|------|
| 1 | <input type="checkbox"/> | 0.000    | 0.000      | 111.12   | 0.0001 | P    | 35.3 |
| 2 | <input type="checkbox"/> | 2.500    |            |          |        |      |      |
| 3 | <input type="checkbox"/> | 25.000   | 20.783     | 1844.65  | 0.0014 | P    | 7.4  |
| 4 | <input type="checkbox"/> | 50.000   | 51.737     | 4475.88  | 0.0034 | P    | 1.9  |
| 5 | <input type="checkbox"/> | 125.000  | 125.879    | 11068.68 | 0.0082 | P    | 5.8  |
| 6 | <input type="checkbox"/> | 250.000  | 250.205    | 21616.96 | 0.0163 | P    | 2.6  |
| 7 | <input type="checkbox"/> | 500.000  | 506.018    | 43140.67 | 0.0328 | P    | 1.7  |
| 8 | <input type="checkbox"/> | 1000.000 | 996.849    | 83185.33 | 0.0646 | P    | 2.0  |
| 9 | <input type="checkbox"/> |          |            | 3903.49  | 0.0030 | P    | 16.2 |

$$y = 6.4697\text{E-}005 * x + 8.4164\text{E-}005$$

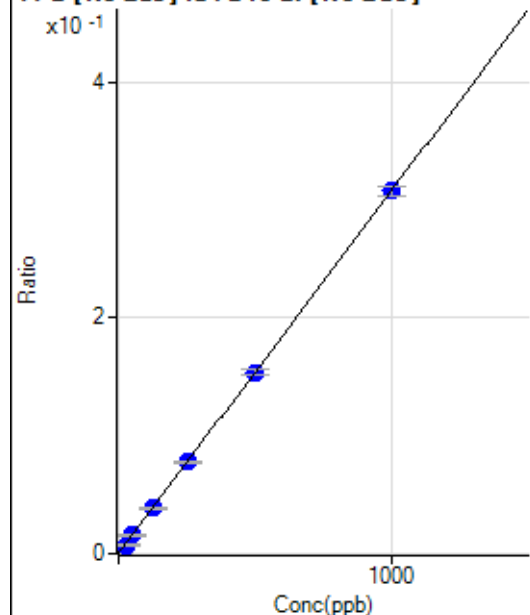
$$R = 1.0000$$

$$DL = 1.376$$

$$BEC = 1.301$$

Weight: &lt;None&gt;

Min Conc: 0

**11 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      | 400.02    | 0.0003 | P    | 10.1 |
| 2 | <input type="checkbox"/> | 2.500    |            |           |        |      |      |
| 3 | <input type="checkbox"/> | 25.000   | 22.845     | 9459.07   | 0.0073 | P    | 3.6  |
| 4 | <input type="checkbox"/> | 50.000   | 50.200     | 20523.66  | 0.0157 | P    | 5.0  |
| 5 | <input type="checkbox"/> | 125.000  | 124.819    | 52067.75  | 0.0387 | P    | 2.4  |
| 6 | <input type="checkbox"/> | 250.000  | 252.195    | 103426.57 | 0.0779 | P    | 1.2  |
| 7 | <input type="checkbox"/> | 500.000  | 499.732    | 202349.13 | 0.1540 | P    | 2.9  |
| 8 | <input type="checkbox"/> | 1000.000 | 999.652    | 396350.11 | 0.3077 | P    | 2.4  |
| 9 | <input type="checkbox"/> |          |            | 19074.47  | 0.0145 | P    | 8.8  |

$$y = 3.0749\text{E-}004 * x + 3.0260\text{E-}004$$

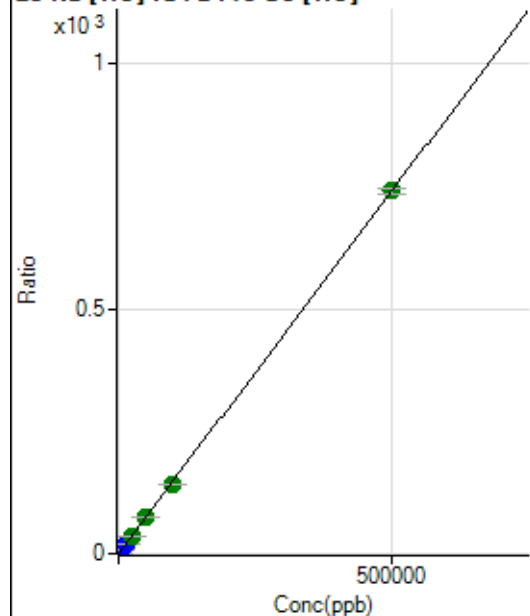
$$R = 1.0000$$

$$DL = 0.2967$$

$$BEC = 0.9841$$

Weight: &lt;None&gt;

Min Conc: 0

**23 Na [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      | 3636.73     | 0.0956   | P    | 3.1  |
| 2 | <input type="checkbox"/> | 50.000    |            |             |          |      |      |
| 3 | <input type="checkbox"/> | 500.000   | 465.001    | 29453.59    | 0.7835   | P    | 10.5 |
| 4 | <input type="checkbox"/> | 5000.000  | 4893.310   | 285266.06   | 7.3341   | P    | 1.1  |
| 5 | <input type="checkbox"/> | 12500.000 | 12352.759  | 701004.49   | 18.3686  | P    | 0.3  |
| 6 | <input type="checkbox"/> | 25000.000 | 24751.528  | 1363941.22  | 36.7096  | A    | 0.4  |
| 7 | <input type="checkbox"/> | 50000.000 | 49293.615  | 2515987.82  | 73.0137  | A    | 0.7  |
| 8 | <input type="checkbox"/> | 100000.00 | 96359.906  | 4810193.29  | 142.6370 | A    | 0.9  |
| 9 | <input type="checkbox"/> | 500000.00 | 500815.86  | 26002407.52 | 740.9328 | A    | 1.9  |

$$y = 0.0015 * x + 0.0956$$

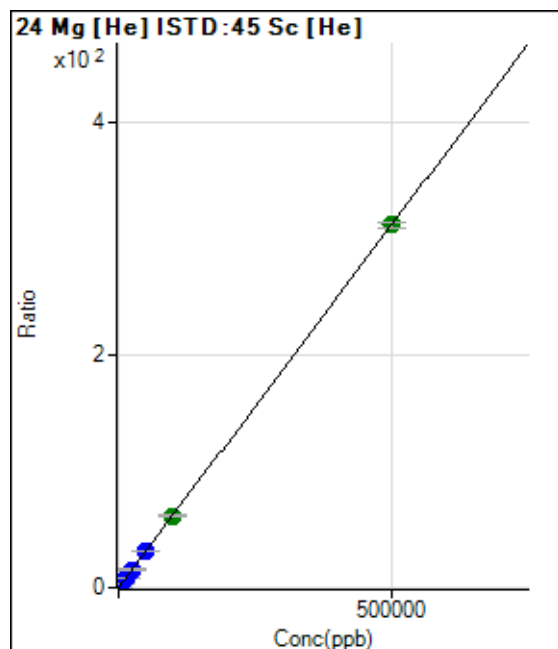
$$R = 1.0000$$

$$DL = 6.021$$

$$BEC = 64.64$$

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      | 211.12      | 0.0055   | P    | 13.9 |
| 2 | <input type="checkbox"/> | 50.000    |            |             |          |      |      |
| 3 | <input type="checkbox"/> | 500.000   | 474.678    | 11352.19    | 0.3016   | P    | 8.4  |
| 4 | <input type="checkbox"/> | 5000.000  | 5018.776   | 121978.02   | 3.1360   | P    | 0.9  |
| 5 | <input type="checkbox"/> | 12500.000 | 12577.121  | 299601.40   | 7.8505   | P    | 0.4  |
| 6 | <input type="checkbox"/> | 25000.000 | 25047.417  | 580647.88   | 15.6287  | P    | 1.3  |
| 7 | <input type="checkbox"/> | 50000.000 | 49956.481  | 1073940.54  | 31.1656  | P    | 0.7  |
| 8 | <input type="checkbox"/> | 100000.00 | 99149.486  | 2085790.47  | 61.8495  | A    | 0.8  |
| 9 | <input type="checkbox"/> | 500000.00 | 500169.99  | 10949320.99 | 311.9839 | A    | 1.4  |

$$y = 6.2374\text{E-}004 * x + 0.0055$$

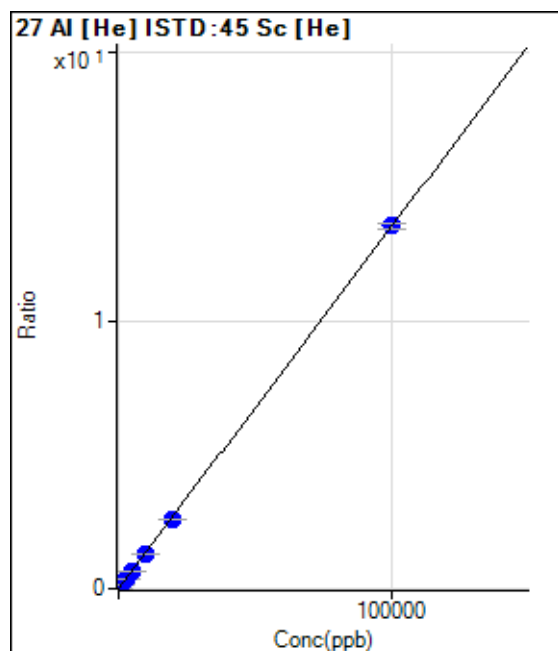
$$R = 1.0000$$

$$DL = 3.716$$

$$BEC = 8.88$$

Weight: <None>

Min Conc: 0



|   | R <sub>ct</sub>          | Conc.     | Calc Conc. | CPS       | Ratio   | Det. | RSD  |
|---|--------------------------|-----------|------------|-----------|---------|------|------|
| 1 | <input type="checkbox"/> | 0.000     | 0.000      | 5.55      | 0.0001  | P    | 86.6 |
| 2 | <input type="checkbox"/> | 2.000     |            |           |         |      |      |
| 3 | <input type="checkbox"/> | 20.000    | 14.862     | 80.56     | 0.0022  | P    | 23.5 |
| 4 | <input type="checkbox"/> | 1000.000  | 1017.198   | 5354.02   | 0.1376  | P    | 0.6  |
| 5 | <input type="checkbox"/> | 2500.000  | 2452.275   | 12653.37  | 0.3316  | P    | 3.4  |
| 6 | <input type="checkbox"/> | 5000.000  | 4758.608   | 23901.47  | 0.6433  | P    | 1.3  |
| 7 | <input type="checkbox"/> | 10000.000 | 9573.757   | 44587.87  | 1.2941  | P    | 2.8  |
| 8 | <input type="checkbox"/> | 20000.000 | 19213.975  | 87581.24  | 2.5971  | P    | 1.5  |
| 9 | <input type="checkbox"/> | 100000.00 | 100212.92  | 475341.34 | 13.5447 | P    | 1.9  |

$$y = 1.3516\text{E-}004 * x + 1.4806\text{E-}004$$

$$R = 1.0000$$

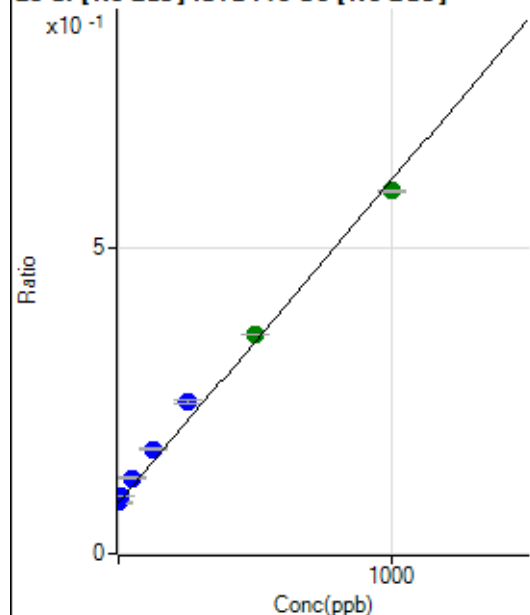
$$DL = 2.846$$

$$BEC = 1.095$$

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      | 324408.56  | 0.0835 | P    | 2.6 |
| 2 | <input type="checkbox"/> | 1.000    |            |            |        |      |     |
| 3 | <input type="checkbox"/> | 10.000   | 19.385     | 361712.12  | 0.0938 | P    | 0.9 |
| 4 | <input type="checkbox"/> | 50.000   | 76.705     | 480363.31  | 0.1240 | P    | 1.6 |
| 5 | <input type="checkbox"/> | 125.000  | 164.603    | 659346.96  | 0.1704 | P    | 1.4 |
| 6 | <input type="checkbox"/> | 250.000  | 312.775    | 957143.03  | 0.2486 | P    | 2.0 |
| 7 | <input type="checkbox"/> | 500.000  | 521.784    | 1331173.50 | 0.3590 | A    | 0.6 |
| 8 | <input type="checkbox"/> | 1000.000 | 967.035    | 2155825.81 | 0.5940 | A    | 0.7 |
| 9 | <input type="checkbox"/> |          |            | 378749.76  | 0.0997 | P    | 1.7 |

$$y = 5.2785E-004 * x + 0.0835$$

$$R = 0.9973$$

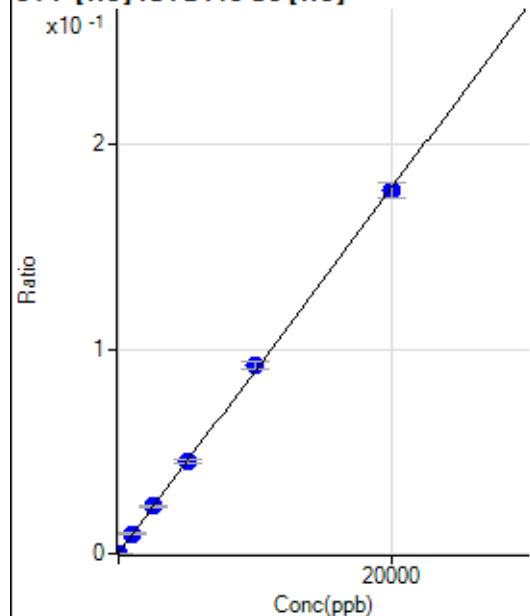
$$DL = 12.15$$

$$BEC = 158.3$$

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     | -8.932     | 5.56    | 0.0001 | P    | 173. |
| 2 | <input type="checkbox"/> | 0.000     |            |         |        |      |      |
| 3 | <input type="checkbox"/> | 0.000     | 8.932      | 11.11   | 0.0003 | P    | 87.4 |
| 4 | <input type="checkbox"/> | 1000.000  | 1047.898   | 372.24  | 0.0096 | P    | 12.1 |
| 5 | <input type="checkbox"/> | 2500.000  | 2567.587   | 883.40  | 0.0231 | P    | 5.8  |
| 6 | <input type="checkbox"/> | 5000.000  | 5048.969   | 1683.51 | 0.0453 | P    | 4.0  |
| 7 | <input type="checkbox"/> | 10000.000 | 10264.167  | 3164.41 | 0.0919 | P    | 4.5  |
| 8 | <input type="checkbox"/> | 20000.000 | 19844.831  | 5982.08 | 0.1774 | P    | 4.4  |
| 9 | <input type="checkbox"/> |           |            | 2.78    | 0.0001 | P    | 173. |

$$y = 8.9277E-006 * x + 2.2175E-004$$

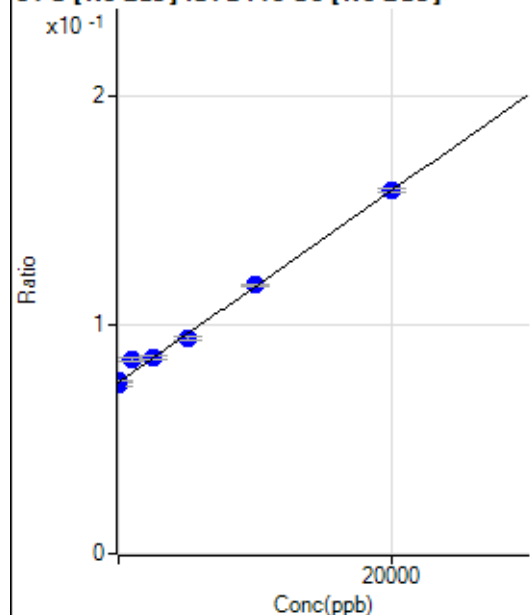
$$R = 0.9999$$

$$DL = 85.59$$

$$BEC = 24.84$$

Weight: &lt;None&gt;

Min Conc: 0

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

|   | R <sub>j</sub><br>ct     | Conc.     | Calc Conc. | CPS       | Ratio  | Det. | RSD |
|---|--------------------------|-----------|------------|-----------|--------|------|-----|
| 1 | <input type="checkbox"/> | 0.000     | -190.567   | 287356.99 | 0.0740 | P    | 1.8 |
| 2 | <input type="checkbox"/> | 0.000     |            |           |        |      |     |
| 3 | <input type="checkbox"/> | 0.000     | 190.567    | 291562.63 | 0.0756 | P    | 0.5 |
| 4 | <input type="checkbox"/> | 1000.000  | 2387.562   | 328374.85 | 0.0848 | P    | 1.4 |
| 5 | <input type="checkbox"/> | 2500.000  | 2606.835   | 331573.92 | 0.0857 | P    | 1.3 |
| 6 | <input type="checkbox"/> | 5000.000  | 4568.996   | 361569.34 | 0.0939 | P    | 1.3 |
| 7 | <input type="checkbox"/> | 10000.000 | 10142.980  | 434816.97 | 0.1173 | P    | 0.7 |
| 8 | <input type="checkbox"/> | 20000.000 | 19953.529  | 574636.27 | 0.1583 | P    | 1.0 |
| 9 | <input type="checkbox"/> |           |            | 261968.53 | 0.0690 | P    | 2.3 |

$$y = 4.1865\text{E-}006 * x + 0.0748$$

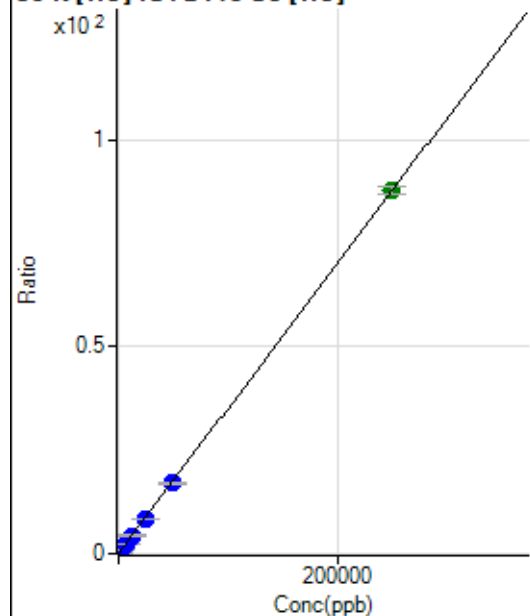
$$R = 0.9969$$

$$DL = 600.9$$

$$BEC = 1.786\text{E}+04$$

Weight: &lt;None&gt;

Min Conc: 0

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

|   | R <sub>j</sub><br>ct     | Conc.     | Calc Conc. | CPS        | Ratio   | Det. | RSD |
|---|--------------------------|-----------|------------|------------|---------|------|-----|
| 1 | <input type="checkbox"/> | 0.000     | 0.000      | 2575.36    | 0.0676  | P    | 9.0 |
| 2 | <input type="checkbox"/> | 50.000    |            |            |         |      |     |
| 3 | <input type="checkbox"/> | 500.000   | 464.085    | 8661.34    | 0.2301  | P    | 9.2 |
| 4 | <input type="checkbox"/> | 2500.000  | 2447.500   | 35955.10   | 0.9245  | P    | 3.3 |
| 5 | <input type="checkbox"/> | 6250.000  | 6251.398   | 86108.03   | 2.2564  | P    | 1.9 |
| 6 | <input type="checkbox"/> | 12500.000 | 12372.010  | 163452.41  | 4.3993  | P    | 1.1 |
| 7 | <input type="checkbox"/> | 25000.000 | 24120.715  | 293312.47  | 8.5127  | P    | 1.7 |
| 8 | <input type="checkbox"/> | 50000.000 | 48338.108  | 573020.84  | 16.9917 | P    | 1.0 |
| 9 | <input type="checkbox"/> | 250000.00 | 250427.26  | 3079411.75 | 87.7470 | A    | 2.0 |

$$y = 3.5012\text{E-}004 * x + 0.0676$$

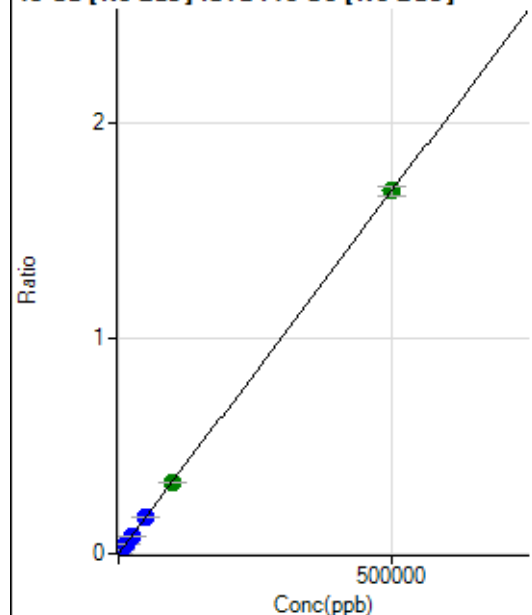
$$R = 1.0000$$

$$DL = 52.01$$

$$BEC = 193.2$$

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      | 583.38     | 0.0002 | P    | 15.0 |
| 2 | <input type="checkbox"/> | 50.000    |            |            |        |      |      |
| 3 | <input type="checkbox"/> | 500.000   | 449.804    | 6407.32    | 0.0017 | P    | 4.1  |
| 4 | <input type="checkbox"/> | 5000.000  | 4911.413   | 64476.62   | 0.0166 | P    | 1.9  |
| 5 | <input type="checkbox"/> | 12500.000 | 12180.966  | 158899.49  | 0.0411 | P    | 0.2  |
| 6 | <input type="checkbox"/> | 25000.000 | 24434.283  | 316572.67  | 0.0822 | P    | 1.0  |
| 7 | <input type="checkbox"/> | 50000.000 | 49244.938  | 614007.87  | 0.1656 | P    | 0.3  |
| 8 | <input type="checkbox"/> | 100000.00 | 98069.993  | 1196236.66 | 0.3296 | A    | 0.8  |
| 9 | <input type="checkbox"/> | 500000.00 | 500498.70  | 6384732.48 | 1.6814 | A    | 2.3  |

$$y = 3.3592E-006 * x + 1.5039E-004$$

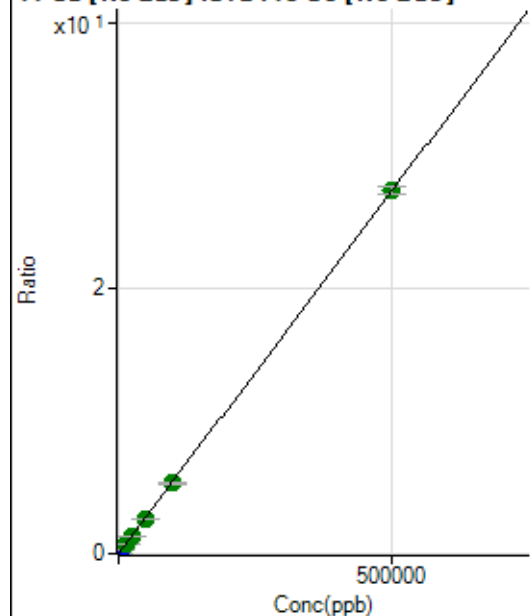
$$R = 1.0000$$

$$DL = 20.16$$

$$BEC = 44.77$$

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      | 12592.26    | 0.0032  | P    | 3.1 |
| 2 | <input type="checkbox"/> | 50.000    |            |             |         |      |     |
| 3 | <input type="checkbox"/> | 500.000   | 440.327    | 105324.18   | 0.0273  | P    | 1.7 |
| 4 | <input type="checkbox"/> | 5000.000  | 4897.064   | 1049081.60  | 0.2709  | P    | 2.2 |
| 5 | <input type="checkbox"/> | 12500.000 | 12252.245  | 2603281.35  | 0.6729  | A    | 1.4 |
| 6 | <input type="checkbox"/> | 25000.000 | 24082.718  | 5079864.00  | 1.3195  | A    | 1.2 |
| 7 | <input type="checkbox"/> | 50000.000 | 48824.149  | 9908177.65  | 2.6718  | A    | 0.2 |
| 8 | <input type="checkbox"/> | 100000.00 | 96929.263  | 19239815.88 | 5.3011  | A    | 0.8 |
| 9 | <input type="checkbox"/> | 500000.00 | 500784.88  | 103949952.3 | 27.3745 | A    | 2.1 |

$$y = 5.4657E-005 * x + 0.0032$$

$$R = 1.0000$$

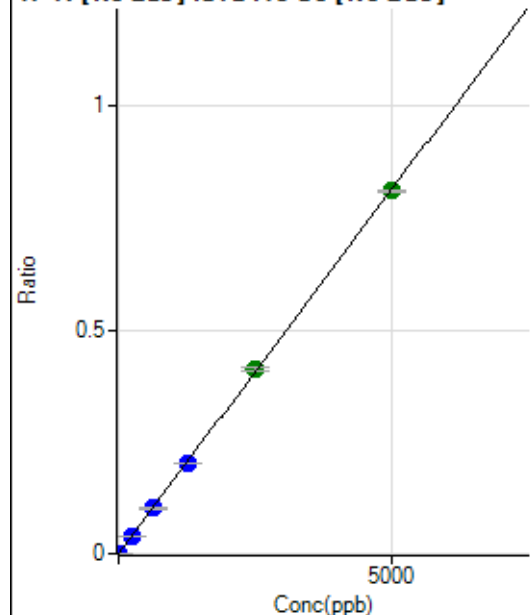
$$DL = 5.52$$

$$BEC = 59.31$$

Weight: &lt;None&gt;

Min Conc: 0

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



|   | R <sub>j</sub><br>ct     | Conc.    | Calc Conc. | CPS        | Ratio  | Det | RSD  |
|---|--------------------------|----------|------------|------------|--------|-----|------|
| 1 | <input type="checkbox"/> | 0.000    | 0.000      | 108.34     | 0.0000 | P   | 31.8 |
| 2 | <input type="checkbox"/> | 0.500    |            |            |        |     |      |
| 3 | <input type="checkbox"/> | 5.000    | 4.697      | 3053.27    | 0.0008 | P   | 5.8  |
| 4 | <input type="checkbox"/> | 250.000  | 244.688    | 154224.42  | 0.0398 | P   | 2.4  |
| 5 | <input type="checkbox"/> | 625.000  | 623.222    | 392269.13  | 0.1014 | P   | 1.2  |
| 6 | <input type="checkbox"/> | 1250.000 | 1239.972   | 776539.91  | 0.2017 | P   | 0.8  |
| 7 | <input type="checkbox"/> | 2500.000 | 2538.836   | 1531423.89 | 0.4130 | A   | 1.9  |
| 8 | <input type="checkbox"/> | 5000.000 | 4983.577   | 2941999.18 | 0.8106 | A   | 0.8  |
| 9 | <input type="checkbox"/> |          |            | 986.19     | 0.0003 | P   | 7.0  |

$$y = 1.6265\text{E-}004 * x + 2.7796\text{E-}005$$

$$R = 1.0000$$

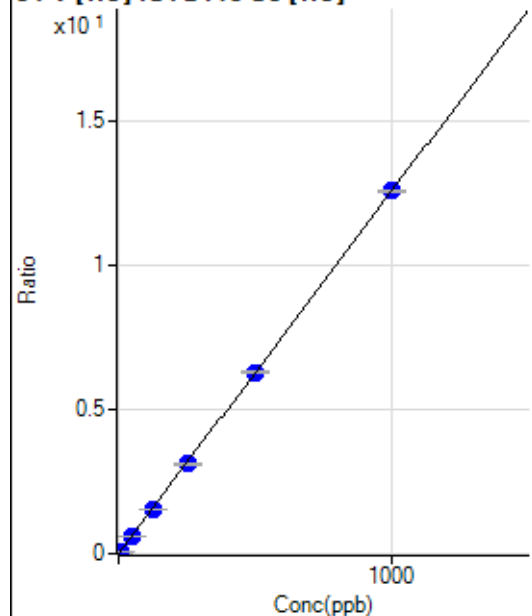
$$DL = 0.1629$$

$$BEC = 0.1709$$

Weight: &lt;None&gt;

Min Conc: 0

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



|   | R <sub>j</sub><br>ct     | Conc.    | Calc Conc. | CPS       | Ratio   | Det | RSD  |
|---|--------------------------|----------|------------|-----------|---------|-----|------|
| 1 | <input type="checkbox"/> | 0.000    | 0.000      | 2.22      | 0.0001  | P   | 86.6 |
| 2 | <input type="checkbox"/> | 0.500    |            |           |         |     |      |
| 3 | <input type="checkbox"/> | 5.000    | 4.576      | 2160.21   | 0.0575  | P   | 12.0 |
| 4 | <input type="checkbox"/> | 50.000   | 48.314     | 23590.12  | 0.6065  | P   | 1.3  |
| 5 | <input type="checkbox"/> | 125.000  | 122.489    | 58676.89  | 1.5376  | P   | 0.9  |
| 6 | <input type="checkbox"/> | 250.000  | 247.211    | 115288.25 | 3.1031  | P   | 1.5  |
| 7 | <input type="checkbox"/> | 500.000  | 499.498    | 216048.39 | 6.2699  | P   | 0.9  |
| 8 | <input type="checkbox"/> | 1000.000 | 1001.348   | 423879.06 | 12.5692 | P   | 0.8  |
| 9 | <input type="checkbox"/> |          |            | 153.34    | 0.0044  | P   | 14.7 |

$$y = 0.0126 * x + 5.9189\text{E-}005$$

$$R = 1.0000$$

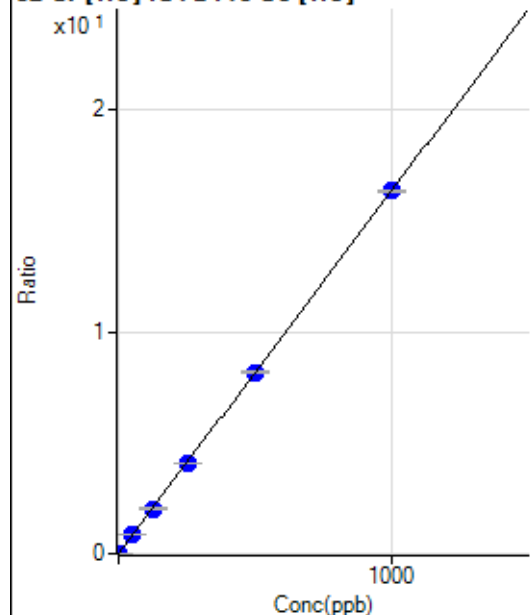
$$DL = 0.01225$$

$$BEC = 0.004715$$

Weight: &lt;None&gt;

Min Conc: 0



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

|   | R <sub>j</sub><br>ct     | Conc.    | Calc Conc. | CPS       | Ratio   | Det | RSD  |
|---|--------------------------|----------|------------|-----------|---------|-----|------|
| 1 | <input type="checkbox"/> | 0.000    | 0.000      | 170.00    | 0.0045  | P   | 16.1 |
| 2 | <input type="checkbox"/> | 0.200    |            |           |         |     |      |
| 3 | <input type="checkbox"/> | 2.000    | 2.044      | 1422.32   | 0.0379  | P   | 11.4 |
| 4 | <input type="checkbox"/> | 50.000   | 52.509     | 33534.75  | 0.8622  | P   | 1.5  |
| 5 | <input type="checkbox"/> | 125.000  | 123.949    | 77439.55  | 2.0292  | P   | 0.8  |
| 6 | <input type="checkbox"/> | 250.000  | 248.987    | 151272.24 | 4.0718  | P   | 1.7  |
| 7 | <input type="checkbox"/> | 500.000  | 500.197    | 281706.74 | 8.1754  | P   | 1.0  |
| 8 | <input type="checkbox"/> | 1000.000 | 1000.161   | 551126.31 | 16.3425 | P   | 0.8  |
| 9 | <input type="checkbox"/> |          |            | 25866.38  | 0.7371  | P   | 3.0  |

$$y = 0.0163 * x + 0.0045$$

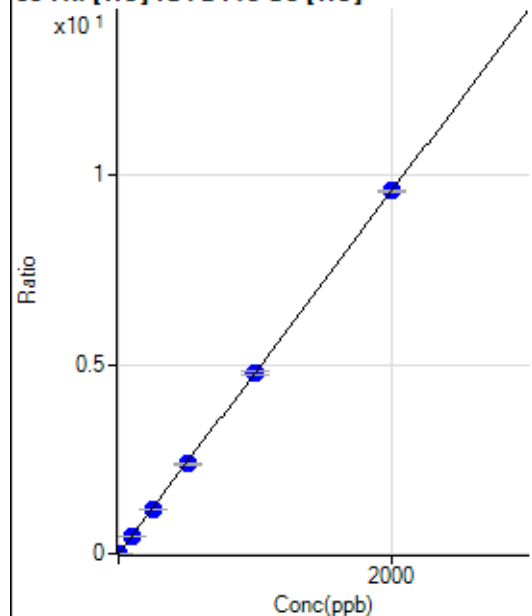
$$R = 1.0000$$

$$DL = 0.1317$$

$$BEC = 0.2728$$

Weight: &lt;None&gt;

Min Conc: 0

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

|   | R <sub>j</sub><br>ct     | Conc.    | Calc Conc. | CPS       | Ratio  | Det | RSD  |
|---|--------------------------|----------|------------|-----------|--------|-----|------|
| 1 | <input type="checkbox"/> | 0.000    | 0.000      | 13.33     | 0.0003 | P   | 23.0 |
| 2 | <input type="checkbox"/> | 0.100    |            |           |        |     |      |
| 3 | <input type="checkbox"/> | 1.000    | 1.028      | 197.78    | 0.0053 | P   | 13.3 |
| 4 | <input type="checkbox"/> | 100.000  | 97.430     | 18147.55  | 0.4666 | P   | 2.2  |
| 5 | <input type="checkbox"/> | 250.000  | 247.525    | 45220.89  | 1.1849 | P   | 1.1  |
| 6 | <input type="checkbox"/> | 500.000  | 493.946    | 87836.18  | 2.3642 | P   | 1.4  |
| 7 | <input type="checkbox"/> | 1000.000 | 999.944    | 164897.92 | 4.7857 | P   | 1.8  |
| 8 | <input type="checkbox"/> | 2000.000 | 2001.979   | 323118.50 | 9.5812 | P   | 0.4  |
| 9 | <input type="checkbox"/> |          |            | 1649.01   | 0.0470 | P   | 4.3  |

$$y = 0.0048 * x + 3.4944E-004$$

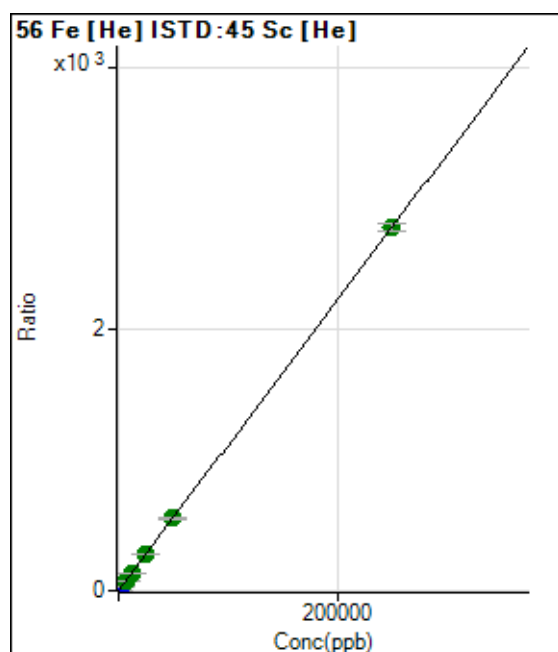
$$R = 1.0000$$

$$DL = 0.05036$$

$$BEC = 0.07302$$

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      | 774.12      | 0.0203    | P    | 2.6 |
| 2 | <input type="checkbox"/> | 5.000     |            |             |           |      |     |
| 3 | <input type="checkbox"/> | 50.000    | 46.776     | 20279.96    | 0.5387    | P    | 7.9 |
| 4 | <input type="checkbox"/> | 2500.000  | 2430.844   | 1048506.14  | 26.9574   | P    | 1.3 |
| 5 | <input type="checkbox"/> | 6250.000  | 6239.166   | 2639261.86  | 69.1589   | A    | 0.8 |
| 6 | <input type="checkbox"/> | 12500.000 | 12259.480  | 5048310.76  | 135.8722  | A    | 0.4 |
| 7 | <input type="checkbox"/> | 25000.000 | 24929.283  | 9519405.65  | 276.2710  | A    | 1.4 |
| 8 | <input type="checkbox"/> | 50000.000 | 49944.596  | 18665170.79 | 553.4749  | A    | 1.0 |
| 9 | <input type="checkbox"/> | 250000.00 | 250031.14  | 97234024.39 | 2,770.708 | A    | 2.2 |

$$y = 0.0111 * x + 0.0203$$

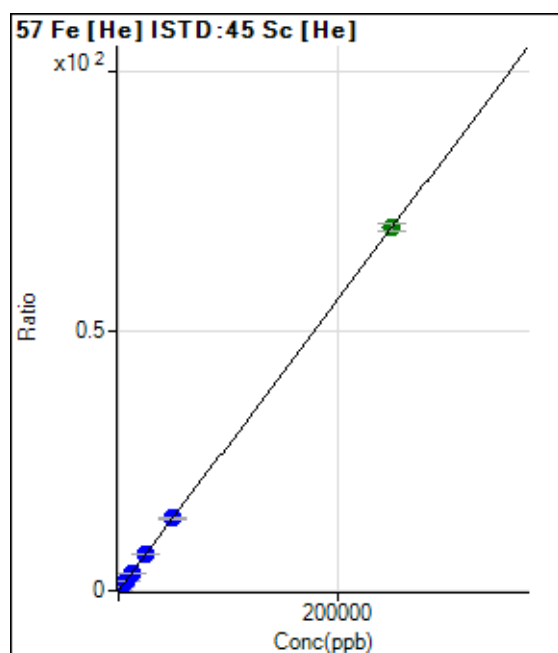
$$R = 1.0000$$

$$DL = 0.1434$$

$$BEC = 1.836$$

Weight: <None>

Min Conc: 0



|   | R <sub>ct</sub>          | Conc.     | Calc Conc. | CPS        | Ratio   | Det. | RSD  |
|---|--------------------------|-----------|------------|------------|---------|------|------|
| 1 | <input type="checkbox"/> | 0.000     | 0.000      | 16.67      | 0.0004  | P    | 31.3 |
| 2 | <input type="checkbox"/> | 5.000     |            |            |         |      |      |
| 3 | <input type="checkbox"/> | 50.000    | 48.313     | 518.55     | 0.0139  | P    | 28.6 |
| 4 | <input type="checkbox"/> | 2500.000  | 2432.179   | 26447.85   | 0.6799  | P    | 0.7  |
| 5 | <input type="checkbox"/> | 6250.000  | 6098.432   | 65036.79   | 1.7042  | P    | 1.2  |
| 6 | <input type="checkbox"/> | 12500.000 | 12197.511  | 126628.96  | 3.4082  | P    | 1.2  |
| 7 | <input type="checkbox"/> | 25000.000 | 24910.896  | 239809.36  | 6.9601  | P    | 1.9  |
| 8 | <input type="checkbox"/> | 50000.000 | 49722.627  | 468500.86  | 13.8920 | P    | 0.5  |
| 9 | <input type="checkbox"/> | 250000.00 | 250083.97  | 2451917.27 | 69.8693 | A    | 2.2  |

$$y = 2.7938E-004 * x + 4.3633E-004$$

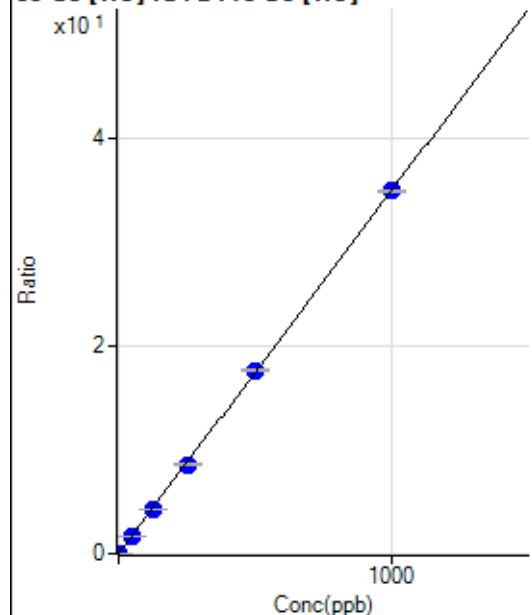
$$R = 1.0000$$

$$DL = 1.466$$

$$BEC = 1.562$$

Weight: <None>

Min Conc: 0

**59 Co [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      | 43.33      | 0.0011  | P    | 2.4 |
| 2 | <input type="checkbox"/> | 0.100    |            |            |         |      |     |
| 3 | <input type="checkbox"/> | 1.000    | 0.904      | 1235.63    | 0.0327  | P    | 3.0 |
| 4 | <input type="checkbox"/> | 50.000   | 48.771     | 66340.32   | 1.7057  | P    | 1.7 |
| 5 | <input type="checkbox"/> | 125.000  | 122.027    | 162802.42  | 4.2660  | P    | 0.7 |
| 6 | <input type="checkbox"/> | 250.000  | 245.971    | 319448.61  | 8.5979  | P    | 0.7 |
| 7 | <input type="checkbox"/> | 500.000  | 504.014    | 607042.01  | 17.6166 | P    | 0.8 |
| 8 | <input type="checkbox"/> | 1000.000 | 999.434    | 1178043.74 | 34.9318 | P    | 0.6 |
| 9 | <input type="checkbox"/> |          |            | 15492.11   | 0.4416  | P    | 5.3 |

$$y = 0.0350 * x + 0.0011$$

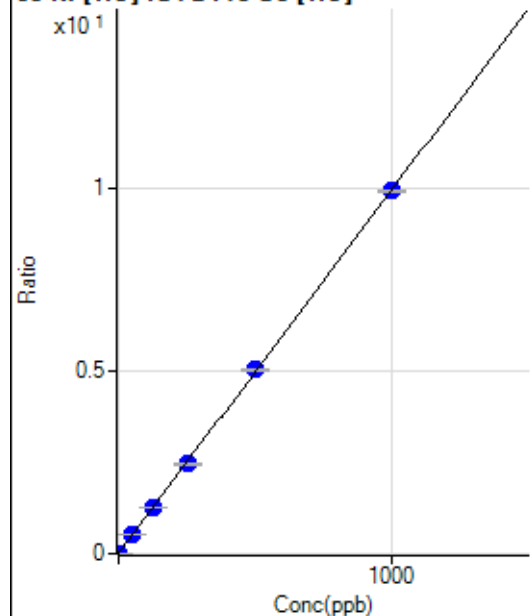
$$R = 1.0000$$

$$DL = 0.00239$$

$$BEC = 0.0326$$

Weight: &lt;None&gt;

Min Conc: 0

**60 Ni [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      | 458.91    | 0.0121 | P    | 4.0 |
| 2 | <input type="checkbox"/> | 0.100    |            |           |        |      |     |
| 3 | <input type="checkbox"/> | 1.000    | 1.166      | 892.27    | 0.0237 | P    | 7.6 |
| 4 | <input type="checkbox"/> | 50.000   | 51.971     | 20607.68  | 0.5297 | P    | 1.0 |
| 5 | <input type="checkbox"/> | 125.000  | 124.956    | 47959.09  | 1.2567 | P    | 0.9 |
| 6 | <input type="checkbox"/> | 250.000  | 246.541    | 91682.57  | 2.4678 | P    | 1.5 |
| 7 | <input type="checkbox"/> | 500.000  | 505.236    | 173820.59 | 5.0445 | P    | 1.2 |
| 8 | <input type="checkbox"/> | 1000.000 | 998.153    | 335693.97 | 9.9543 | P    | 0.8 |
| 9 | <input type="checkbox"/> |          |            | 12930.60  | 0.3685 | P    | 3.0 |

$$y = 0.0100 * x + 0.0121$$

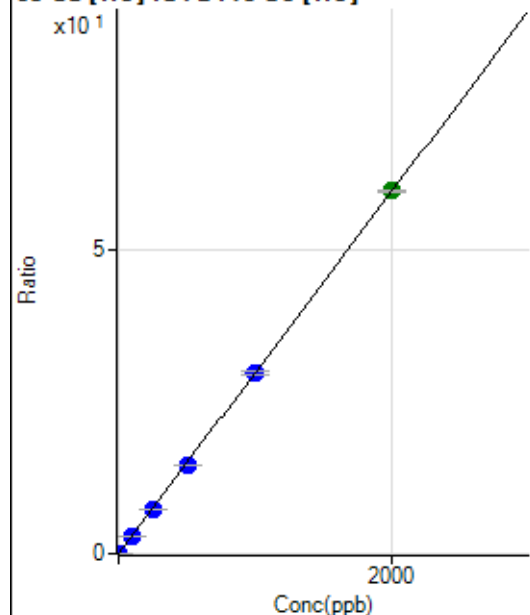
$$R = 1.0000$$

$$DL = 0.1441$$

$$BEC = 1.21$$

Weight: &lt;None&gt;

Min Conc: 0

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

|   | R <sub>ct</sub>          | Conc.    | Calc Conc. | CPS        | Ratio   | Det. | RSD  |
|---|--------------------------|----------|------------|------------|---------|------|------|
| 1 | <input type="checkbox"/> | 0.000    | 0.000      | 168.89     | 0.0044  | P    | 8.5  |
| 2 | <input type="checkbox"/> | 0.200    |            |            |         |      |      |
| 3 | <input type="checkbox"/> | 2.000    | 1.849      | 2239.11    | 0.0596  | P    | 11.9 |
| 4 | <input type="checkbox"/> | 100.000  | 96.724     | 112361.71  | 2.8890  | P    | 1.9  |
| 5 | <input type="checkbox"/> | 250.000  | 244.359    | 278278.27  | 7.2919  | P    | 0.8  |
| 6 | <input type="checkbox"/> | 500.000  | 487.486    | 540326.30  | 14.5427 | P    | 0.6  |
| 7 | <input type="checkbox"/> | 1000.000 | 997.410    | 1025075.17 | 29.7502 | P    | 1.5  |
| 8 | <input type="checkbox"/> | 2000.000 | 2005.292   | 2016957.57 | 59.8082 | A    | 0.9  |
| 9 | <input type="checkbox"/> |          |            | 4553.05    | 0.1298  | P    | 5.0  |

$$y = 0.0298 * x + 0.0044$$

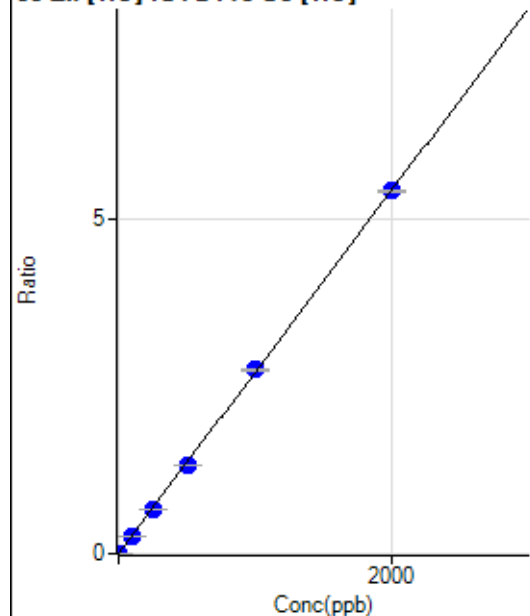
$$R = 1.0000$$

$$DL = 0.03788$$

$$BEC = 0.1489$$

Weight: &lt;None&gt;

Min Conc: 0

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

|   | R <sub>ct</sub>          | Conc.    | Calc Conc. | CPS       | Ratio  | Det. | RSD  |
|---|--------------------------|----------|------------|-----------|--------|------|------|
| 1 | <input type="checkbox"/> | 0.000    | 0.000      | 40.00     | 0.0011 | P    | 33.6 |
| 2 | <input type="checkbox"/> | 0.200    |            |           |        |      |      |
| 3 | <input type="checkbox"/> | 2.000    | 1.886      | 233.34    | 0.0062 | P    | 4.3  |
| 4 | <input type="checkbox"/> | 100.000  | 96.511     | 10231.71  | 0.2631 | P    | 2.1  |
| 5 | <input type="checkbox"/> | 250.000  | 243.003    | 25218.69  | 0.6608 | P    | 0.3  |
| 6 | <input type="checkbox"/> | 500.000  | 485.273    | 48989.67  | 1.3186 | P    | 1.1  |
| 7 | <input type="checkbox"/> | 1000.000 | 1013.563   | 94858.23  | 2.7529 | P    | 1.3  |
| 8 | <input type="checkbox"/> | 2000.000 | 1997.949   | 182969.99 | 5.4256 | P    | 0.7  |
| 9 | <input type="checkbox"/> |          |            | 1227.86   | 0.0350 | P    | 7.9  |

$$y = 0.0027 * x + 0.0011$$

$$R = 0.9999$$

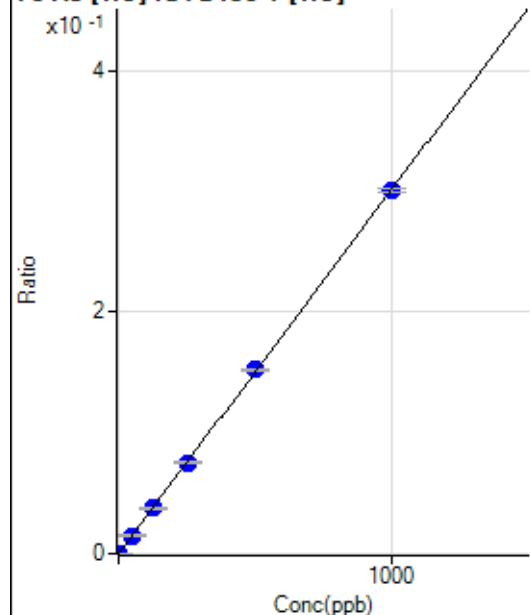
$$DL = 0.3902$$

$$BEC = 0.3871$$

Weight: &lt;None&gt;

Min Conc: 0

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



|   | R <sub>j</sub><br>ct     | Conc.    | Calc Conc. | CPS      | Ratio  | Det | RSD  |
|---|--------------------------|----------|------------|----------|--------|-----|------|
| 1 | <input type="checkbox"/> | 0.000    | 0.000      | 2.47     | 0.0000 | P   | 41.9 |
| 2 | <input type="checkbox"/> | 0.100    |            |          |        |     |      |
| 3 | <input type="checkbox"/> | 1.000    | 0.935      | 73.46    | 0.0003 | P   | 17.0 |
| 4 | <input type="checkbox"/> | 50.000   | 50.163     | 3896.26  | 0.0151 | P   | 1.7  |
| 5 | <input type="checkbox"/> | 125.000  | 125.289    | 9633.68  | 0.0378 | P   | 1.8  |
| 6 | <input type="checkbox"/> | 250.000  | 250.146    | 18695.44 | 0.0754 | P   | 1.6  |
| 7 | <input type="checkbox"/> | 500.000  | 505.557    | 35689.80 | 0.1524 | P   | 1.3  |
| 8 | <input type="checkbox"/> | 1000.000 | 997.141    | 70285.96 | 0.3005 | P   | 1.1  |
| 9 | <input type="checkbox"/> |          |            | 117.29   | 0.0005 | P   | 7.4  |

$$y = 3.0140\text{E-}004 * x + 9.7195\text{E-}006$$

$$R = 1.0000$$

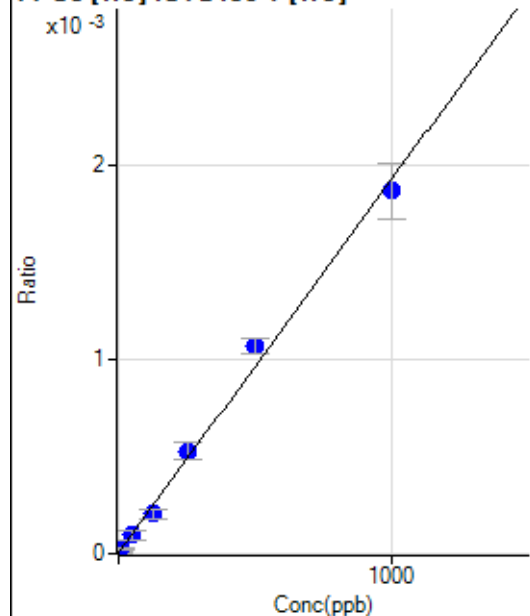
$$DL = 0.04057$$

$$BEC = 0.03225$$

Weight: &lt;None&gt;

Min Conc: 0

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



|   | R <sub>j</sub><br>ct     | Conc.    | Calc Conc. | CPS    | Ratio  | Det | RSD  |
|---|--------------------------|----------|------------|--------|--------|-----|------|
| 1 | <input type="checkbox"/> | 0.000    | 0.000      | 1.11   | 0.0000 | P   | 173. |
| 2 | <input type="checkbox"/> | 0.500    |            |        |        |     |      |
| 3 | <input type="checkbox"/> | 5.000    | 11.340     | 6.67   | 0.0000 | P   | 46.0 |
| 4 | <input type="checkbox"/> | 50.000   | 47.143     | 24.45  | 0.0001 | P   | 55.5 |
| 5 | <input type="checkbox"/> | 125.000  | 104.243    | 52.22  | 0.0002 | P   | 24.7 |
| 6 | <input type="checkbox"/> | 250.000  | 272.262    | 131.11 | 0.0005 | P   | 18.0 |
| 7 | <input type="checkbox"/> | 500.000  | 555.333    | 251.12 | 0.0011 | P   | 7.7  |
| 8 | <input type="checkbox"/> | 1000.000 | 969.474    | 437.80 | 0.0019 | P   | 15.2 |
| 9 | <input type="checkbox"/> |          |            | 1.11   | 0.0000 | P   | 173. |

$$y = 1.9237\text{E-}006 * x + 4.3983\text{E-}006$$

$$R = 0.9970$$

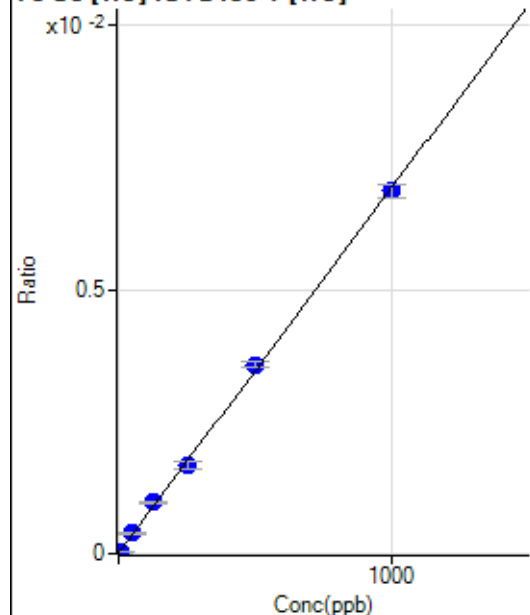
$$DL = 11.88$$

$$BEC = 2.286$$

Weight: &lt;None&gt;

Min Conc: 0

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



|   | R <sub>ct</sub>          | Conc.    | Calc Conc. | CPS     | Ratio  | Det. | RSD  |
|---|--------------------------|----------|------------|---------|--------|------|------|
| 1 | <input type="checkbox"/> | 0.000    | 0.000      | 2.47    | 0.0000 | P    | 41.9 |
| 2 | <input type="checkbox"/> | 0.500    |            |         |        |      |      |
| 3 | <input type="checkbox"/> | 5.000    | 2.953      | 7.41    | 0.0000 | P    | 32.6 |
| 4 | <input type="checkbox"/> | 50.000   | 55.070     | 100.62  | 0.0004 | P    | 9.0  |
| 5 | <input type="checkbox"/> | 125.000  | 138.220    | 246.30  | 0.0010 | P    | 3.8  |
| 6 | <input type="checkbox"/> | 250.000  | 240.737    | 414.83  | 0.0017 | P    | 10.1 |
| 7 | <input type="checkbox"/> | 500.000  | 516.623    | 838.92  | 0.0036 | P    | 3.2  |
| 8 | <input type="checkbox"/> | 1000.000 | 992.108    | 1607.52 | 0.0069 | P    | 3.9  |
| 9 | <input type="checkbox"/> |          |            | 3.09    | 0.0000 | P    | 91.9 |

$$y = 6.9155E-006 * x + 9.7195E-006$$

$$R = 0.9996$$

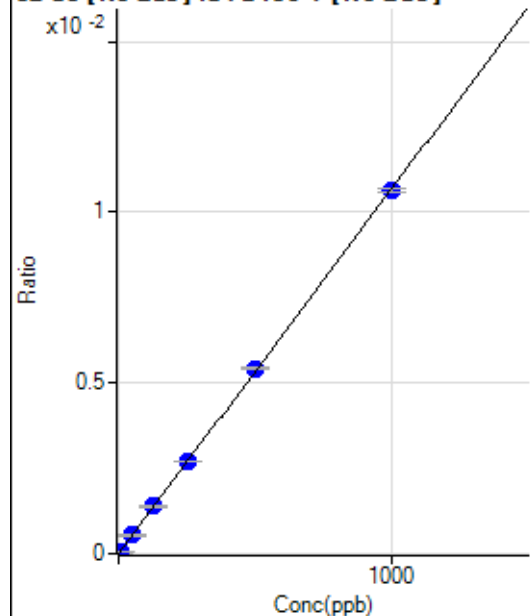
$$DL = 1.768$$

$$BEC = 1.405$$

Weight: &lt;None&gt;

Min Conc: 0

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



|   | R <sub>ct</sub>          | Conc.    | Calc Conc. | CPS      | Ratio  | Det. | RSD  |
|---|--------------------------|----------|------------|----------|--------|------|------|
| 1 | <input type="checkbox"/> | 0.000    | 0.000      | 6.71     | 0.0000 | P    | 159. |
| 2 | <input type="checkbox"/> | 0.500    |            |          |        |      |      |
| 3 | <input type="checkbox"/> | 5.000    | 4.403      | 349.35   | 0.0000 | P    | 9.5  |
| 4 | <input type="checkbox"/> | 50.000   | 51.203     | 4030.55  | 0.0005 | P    | 4.6  |
| 5 | <input type="checkbox"/> | 125.000  | 129.282    | 10172.01 | 0.0014 | P    | 1.9  |
| 6 | <input type="checkbox"/> | 250.000  | 252.274    | 20015.84 | 0.0027 | P    | 1.0  |
| 7 | <input type="checkbox"/> | 500.000  | 507.390    | 39426.21 | 0.0054 | P    | 1.2  |
| 8 | <input type="checkbox"/> | 1000.000 | 995.144    | 76592.98 | 0.0106 | P    | 1.0  |
| 9 | <input type="checkbox"/> |          |            | 107.90   | 0.0000 | P    | 50.9 |

$$y = 1.0675E-005 * x + 9.1730E-007$$

$$R = 0.9999$$

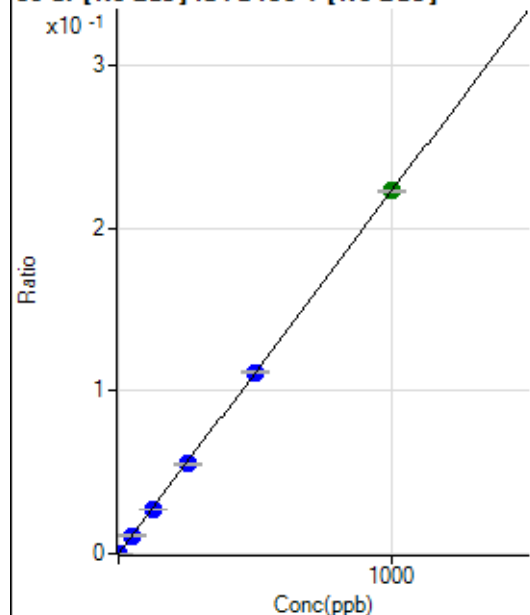
$$DL = 0.4111$$

$$BEC = 0.08593$$

Weight: &lt;None&gt;

Min Conc: 0

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



|   | R <sub>ct</sub>          | Conc.    | Calc Conc. | CPS        | Ratio  | Det. | RSD |
|---|--------------------------|----------|------------|------------|--------|------|-----|
| 1 | <input type="checkbox"/> | 0.000    | 0.000      | 366.69     | 0.0000 | P    | 8.1 |
| 2 | <input type="checkbox"/> | 0.100    |            |            |        |      |     |
| 3 | <input type="checkbox"/> | 1.000    | 0.862      | 1758.52    | 0.0002 | P    | 1.1 |
| 4 | <input type="checkbox"/> | 50.000   | 49.682     | 81822.60   | 0.0111 | P    | 2.3 |
| 5 | <input type="checkbox"/> | 125.000  | 123.628    | 203128.80  | 0.0276 | P    | 1.0 |
| 6 | <input type="checkbox"/> | 250.000  | 246.928    | 408847.24  | 0.0550 | P    | 0.8 |
| 7 | <input type="checkbox"/> | 500.000  | 499.931    | 810459.23  | 0.1114 | P    | 0.9 |
| 8 | <input type="checkbox"/> | 1000.000 | 1000.990   | 1607125.53 | 0.2229 | A    | 0.8 |
| 9 | <input type="checkbox"/> |          |            | 55798.33   | 0.0076 | P    | 1.6 |

$$y = 2.2266E-004 * x + 4.9459E-005$$

$$R = 1.0000$$

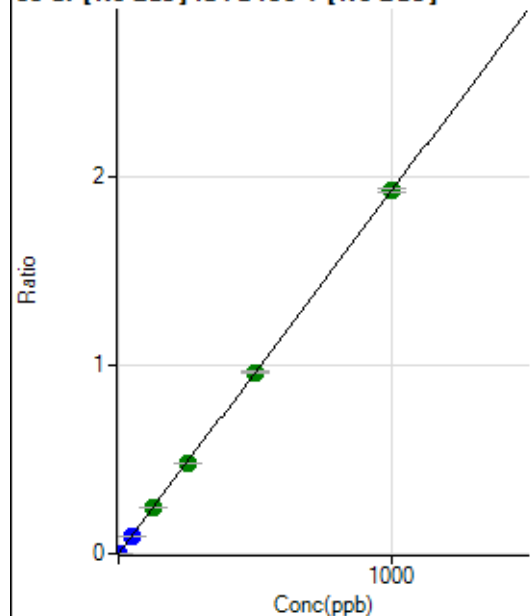
$$DL = 0.05392$$

$$BEC = 0.2221$$

Weight: &lt;None&gt;

Min Conc: 0

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



|   | R <sub>ct</sub>          | Conc.    | Calc Conc. | CPS         | Ratio  | Det. | RSD  |
|---|--------------------------|----------|------------|-------------|--------|------|------|
| 1 | <input type="checkbox"/> | 0.000    | 0.000      | 100.01      | 0.0000 | P    | 43.5 |
| 2 | <input type="checkbox"/> | 0.100    |            |             |        |      |      |
| 3 | <input type="checkbox"/> | 1.000    | 0.940      | 13254.21    | 0.0018 | P    | 2.9  |
| 4 | <input type="checkbox"/> | 50.000   | 49.786     | 704366.39   | 0.0957 | P    | 2.0  |
| 5 | <input type="checkbox"/> | 125.000  | 126.751    | 1793701.02  | 0.2435 | A    | 0.7  |
| 6 | <input type="checkbox"/> | 250.000  | 250.472    | 3575026.95  | 0.4812 | A    | 0.5  |
| 7 | <input type="checkbox"/> | 500.000  | 499.169    | 6978648.33  | 0.9590 | A    | 1.4  |
| 8 | <input type="checkbox"/> | 1000.000 | 1000.089   | 13850623.40 | 1.9213 | A    | 1.0  |
| 9 | <input type="checkbox"/> |          |            | 483876.04   | 0.0658 | P    | 2.1  |

$$y = 0.0019 * x + 1.3574E-005$$

$$R = 1.0000$$

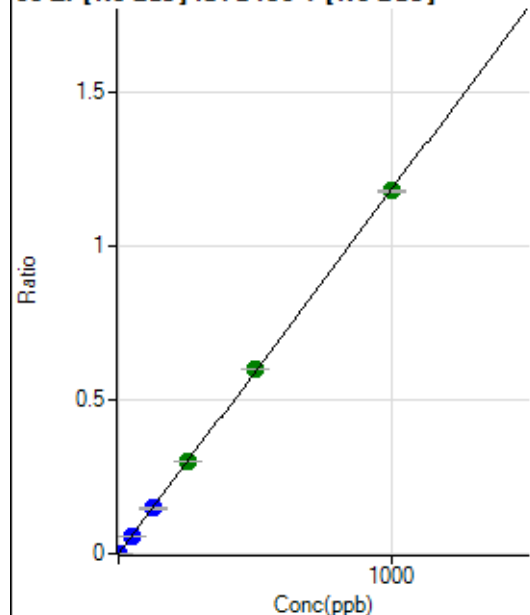
$$DL = 0.009221$$

$$BEC = 0.007066$$

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      | 436.14     | 0.0001 | P    | 2.9 |
| 2 | <input type="checkbox"/> | 0.100    |            |            |        |      |     |
| 3 | <input type="checkbox"/> | 1.000    | 0.935      | 8489.14    | 0.0012 | P    | 0.8 |
| 4 | <input type="checkbox"/> | 50.000   | 49.206     | 429269.85  | 0.0583 | P    | 2.3 |
| 5 | <input type="checkbox"/> | 125.000  | 124.607    | 1086742.73 | 0.1475 | P    | 1.3 |
| 6 | <input type="checkbox"/> | 250.000  | 252.280    | 2218865.89 | 0.2987 | A    | 0.6 |
| 7 | <input type="checkbox"/> | 500.000  | 506.149    | 4360401.66 | 0.5991 | A    | 0.3 |
| 8 | <input type="checkbox"/> | 1000.000 | 996.444    | 8502873.97 | 1.1794 | A    | 0.2 |
| 9 | <input type="checkbox"/> |          |            | 2444.78    | 0.0003 | P    | 4.8 |

$$y = 0.0012 * x + 5.8833E-005$$

$$R = 1.0000$$

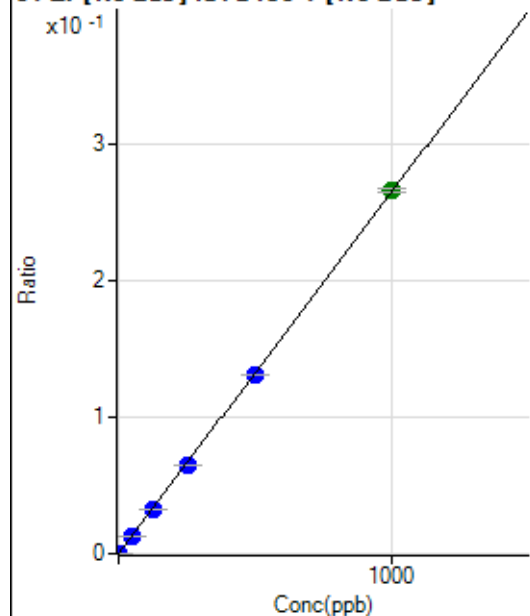
$$DL = 0.004299$$

$$BEC = 0.04971$$

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      | 97.23      | 0.0000 | P    | 20.5 |
| 2 | <input type="checkbox"/> | 0.100    |            |            |        |      |      |
| 3 | <input type="checkbox"/> | 1.000    | 0.908      | 1847.45    | 0.0003 | P    | 11.2 |
| 4 | <input type="checkbox"/> | 50.000   | 48.350     | 94353.85   | 0.0128 | P    | 2.4  |
| 5 | <input type="checkbox"/> | 125.000  | 123.159    | 240268.45  | 0.0326 | P    | 0.5  |
| 6 | <input type="checkbox"/> | 250.000  | 244.340    | 480690.89  | 0.0647 | P    | 0.6  |
| 7 | <input type="checkbox"/> | 500.000  | 496.295    | 956325.13  | 0.1314 | P    | 0.4  |
| 8 | <input type="checkbox"/> | 1000.000 | 1003.580   | 1915472.20 | 0.2657 | A    | 1.0  |
| 9 | <input type="checkbox"/> |          |            | 558.37     | 0.0001 | P    | 5.9  |

$$y = 2.6474E-004 * x + 1.3097E-005$$

$$R = 1.0000$$

$$DL = 0.03039$$

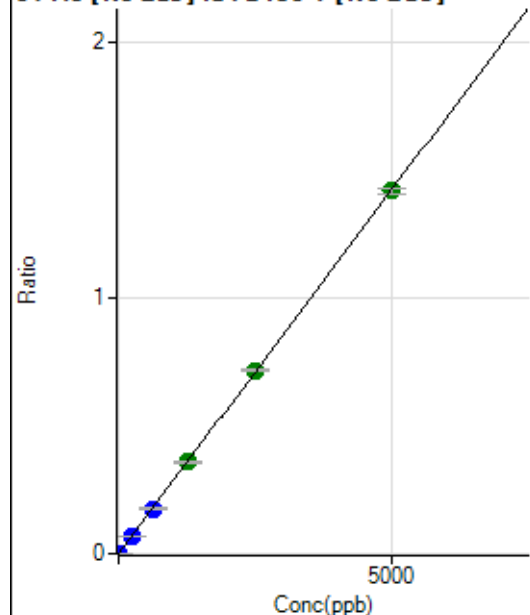
$$BEC = 0.04947$$

Weight: &lt;None&gt;

Min Conc: 0



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



|   | R <sub>ct</sub>          | Conc.    | Calc Conc. | CPS         | Ratio  | Det. | RSD  |
|---|--------------------------|----------|------------|-------------|--------|------|------|
| 1 | <input type="checkbox"/> | 0.000    | 0.000      | 186.12      | 0.0000 | P    | 12.4 |
| 2 | <input type="checkbox"/> | 0.500    |            |             |        |      |      |
| 3 | <input type="checkbox"/> | 5.000    | 4.544      | 9581.58     | 0.0013 | P    | 1.4  |
| 4 | <input type="checkbox"/> | 250.000  | 243.900    | 510070.22   | 0.0693 | P    | 2.1  |
| 5 | <input type="checkbox"/> | 625.000  | 620.948    | 1298675.00  | 0.1763 | P    | 1.5  |
| 6 | <input type="checkbox"/> | 1250.000 | 1256.594   | 2650756.18  | 0.3568 | A    | 0.4  |
| 7 | <input type="checkbox"/> | 2500.000 | 2521.115   | 5209079.32  | 0.7158 | A    | 1.2  |
| 8 | <input type="checkbox"/> | 5000.000 | 4988.606   | 10210231.65 | 1.4163 | A    | 1.6  |
| 9 | <input type="checkbox"/> |          |            | 14708.47    | 0.0020 | P    | 2.1  |

$$y = 2.8391\text{E-}004 * x + 2.5088\text{E-}005$$

$$R = 1.0000$$

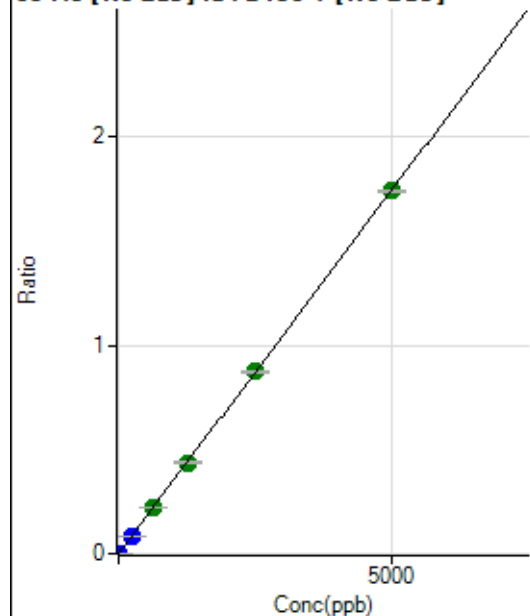
$$DL = 0.03287$$

$$BEC = 0.08837$$

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      | 150.01      | 0.0000 | P    | 20.2 |
| 2 | <input type="checkbox"/> | 0.500    |            |             |        |      |      |
| 3 | <input type="checkbox"/> | 5.000    | 4.568      | 11741.64    | 0.0016 | P    | 0.7  |
| 4 | <input type="checkbox"/> | 250.000  | 242.654    | 622598.94   | 0.0845 | P    | 1.7  |
| 5 | <input type="checkbox"/> | 625.000  | 635.706    | 1631159.59  | 0.2215 | A    | 2.3  |
| 6 | <input type="checkbox"/> | 1250.000 | 1253.587   | 3244515.00  | 0.4367 | A    | 0.8  |
| 7 | <input type="checkbox"/> | 2500.000 | 2506.000   | 6353037.77  | 0.8730 | A    | 1.2  |
| 8 | <input type="checkbox"/> | 5000.000 | 4995.133   | 12544447.16 | 1.7401 | A    | 0.7  |
| 9 | <input type="checkbox"/> |          |            | 23685.32    | 0.0032 | P    | 4.1  |

$$y = 3.4835\text{E-}004 * x + 2.0256\text{E-}005$$

$$R = 1.0000$$

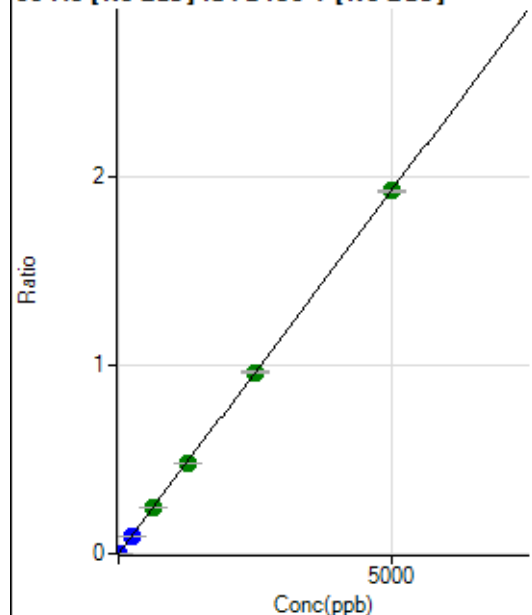
$$DL = 0.03532$$

$$BEC = 0.05815$$

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      | 175.01      | 0.0000 | P    | 3.9 |
| 2 | <input type="checkbox"/> | 0.500    |            |             |        |      |     |
| 3 | <input type="checkbox"/> | 5.000    | 4.491      | 12795.47    | 0.0018 | P    | 2.5 |
| 4 | <input type="checkbox"/> | 250.000  | 244.102    | 693719.92   | 0.0942 | P    | 2.4 |
| 5 | <input type="checkbox"/> | 625.000  | 632.486    | 1797704.57  | 0.2441 | A    | 1.7 |
| 6 | <input type="checkbox"/> | 1250.000 | 1253.443   | 3593478.12  | 0.4837 | A    | 0.7 |
| 7 | <input type="checkbox"/> | 2500.000 | 2500.325   | 7021543.30  | 0.9648 | A    | 0.7 |
| 8 | <input type="checkbox"/> | 5000.000 | 4998.336   | 13904135.21 | 1.9287 | A    | 0.6 |
| 9 | <input type="checkbox"/> |          |            | 26312.54    | 0.0036 | P    | 4.6 |

$$y = 3.8586E-004 * x + 2.3614E-005$$

$$R = 1.0000$$

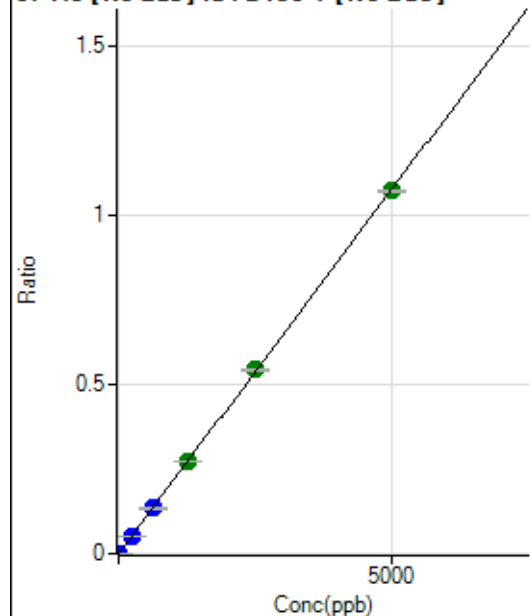
$$DL = 0.007153$$

$$BEC = 0.0612$$

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      | 69.45      | 0.0000 | P    | 6.9 |
| 2 | <input type="checkbox"/> | 0.500    |            |            |        |      |     |
| 3 | <input type="checkbox"/> | 5.000    | 4.615      | 7302.31    | 0.0010 | P    | 3.0 |
| 4 | <input type="checkbox"/> | 250.000  | 245.261    | 388523.92  | 0.0528 | P    | 2.8 |
| 5 | <input type="checkbox"/> | 625.000  | 623.211    | 987498.73  | 0.1341 | P    | 1.6 |
| 6 | <input type="checkbox"/> | 1250.000 | 1261.245   | 2015790.89 | 0.2713 | A    | 0.8 |
| 7 | <input type="checkbox"/> | 2500.000 | 2527.922   | 3957374.09 | 0.5438 | A    | 1.5 |
| 8 | <input type="checkbox"/> | 5000.000 | 4983.689   | 7728773.00 | 1.0721 | A    | 0.4 |
| 9 | <input type="checkbox"/> |          |            | 15045.18   | 0.0020 | P    | 5.3 |

$$y = 2.1511E-004 * x + 9.3728E-006$$

$$R = 1.0000$$

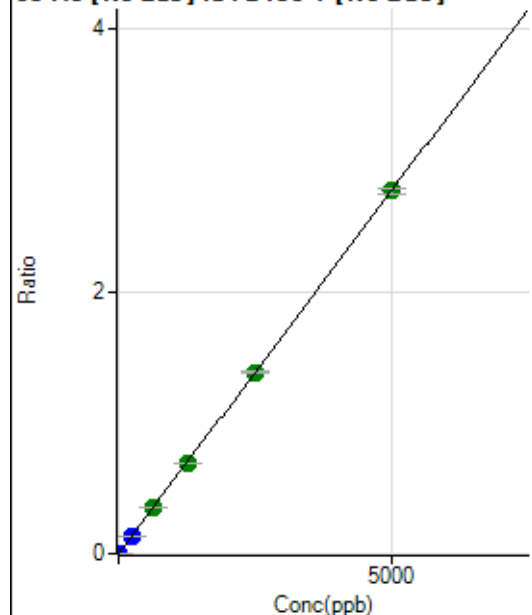
$$DL = 0.009039$$

$$BEC = 0.04357$$

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      | 172.23      | 0.0000 | P    | 31.6 |
| 2 | <input type="checkbox"/> | 0.500    |            |             |        |      |      |
| 3 | <input type="checkbox"/> | 5.000    | 4.560      | 18566.30    | 0.0025 | P    | 1.1  |
| 4 | <input type="checkbox"/> | 250.000  | 246.181    | 1003850.40  | 0.1363 | P    | 2.0  |
| 5 | <input type="checkbox"/> | 625.000  | 629.183    | 2566057.59  | 0.3484 | A    | 1.5  |
| 6 | <input type="checkbox"/> | 1250.000 | 1245.458   | 5123419.56  | 0.6896 | A    | 0.6  |
| 7 | <input type="checkbox"/> | 2500.000 | 2503.286   | 10087073.23 | 1.3860 | A    | 0.6  |
| 8 | <input type="checkbox"/> | 5000.000 | 4999.161   | 19954366.25 | 2.7679 | A    | 1.2  |
| 9 | <input type="checkbox"/> |          |            | 37419.24    | 0.0051 | P    | 4.0  |

$$y = 5.5368\text{E-}004 * x + 2.3205\text{E-}005$$

$$R = 1.0000$$

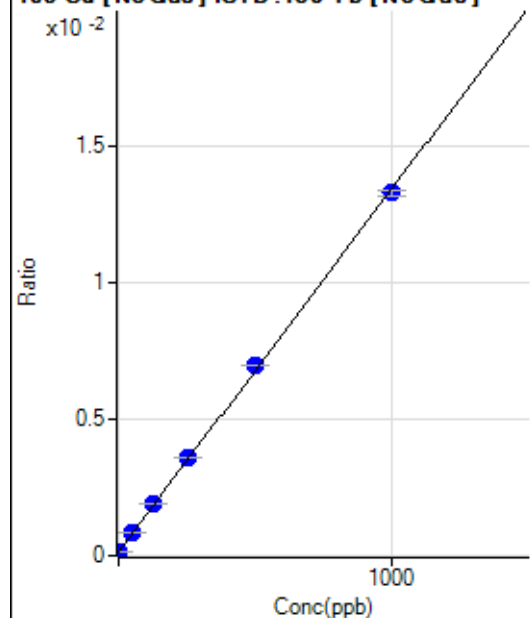
$$DL = 0.03976$$

$$BEC = 0.04191$$

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      | 1344.58   | 0.0001 | P    | 2.3 |
| 2 | <input type="checkbox"/> | 0.100    |            |           |        |      |     |
| 3 | <input type="checkbox"/> | 1.000    | 0.453      | 1391.80   | 0.0001 | P    | 7.2 |
| 4 | <input type="checkbox"/> | 50.000   | 53.530     | 8186.16   | 0.0009 | P    | 0.6 |
| 5 | <input type="checkbox"/> | 125.000  | 132.768    | 18379.91  | 0.0019 | P    | 1.9 |
| 6 | <input type="checkbox"/> | 250.000  | 259.907    | 35444.96  | 0.0036 | P    | 1.3 |
| 7 | <input type="checkbox"/> | 500.000  | 512.920    | 69225.50  | 0.0069 | P    | 0.3 |
| 8 | <input type="checkbox"/> | 1000.000 | 989.917    | 134025.15 | 0.0133 | P    | 1.5 |
| 9 | <input type="checkbox"/> |          |            | 1339.03   | 0.0001 | P    | 5.4 |

$$y = 1.3255\text{E-}005 * x + 1.4077\text{E-}004$$

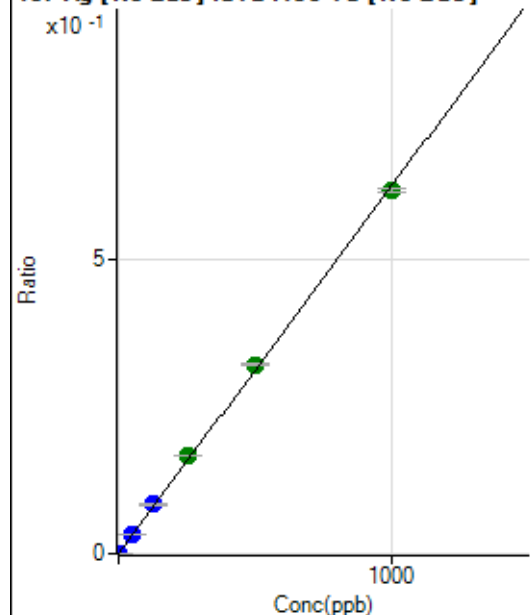
$$R = 0.9998$$

$$DL = 0.726$$

$$BEC = 10.62$$

Weight: &lt;None&gt;

Min Conc: 0

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

|   | R <sub>ct</sub>          | Conc.    | Calc Conc. | CPS        | Ratio  | Det. | RSD  |
|---|--------------------------|----------|------------|------------|--------|------|------|
| 1 | <input type="checkbox"/> | 0.000    | 0.000      | 86.12      | 0.0000 | P    | 30.3 |
| 2 | <input type="checkbox"/> | 0.100    |            |            |        |      |      |
| 3 | <input type="checkbox"/> | 1.000    | 1.044      | 6248.96    | 0.0007 | P    | 3.4  |
| 4 | <input type="checkbox"/> | 50.000   | 53.014     | 317903.79  | 0.0330 | P    | 1.9  |
| 5 | <input type="checkbox"/> | 125.000  | 133.673    | 805214.13  | 0.0833 | P    | 1.7  |
| 6 | <input type="checkbox"/> | 250.000  | 266.310    | 1639570.30 | 0.1659 | A    | 0.2  |
| 7 | <input type="checkbox"/> | 500.000  | 515.228    | 3200958.95 | 0.3209 | A    | 0.7  |
| 8 | <input type="checkbox"/> | 1000.000 | 987.073    | 6212896.97 | 0.6148 | A    | 0.9  |
| 9 | <input type="checkbox"/> |          |            | 772.28     | 0.0001 | P    | 4.1  |

$$y = 6.2282\text{E-}004 * x + 9.0342\text{E-}006$$

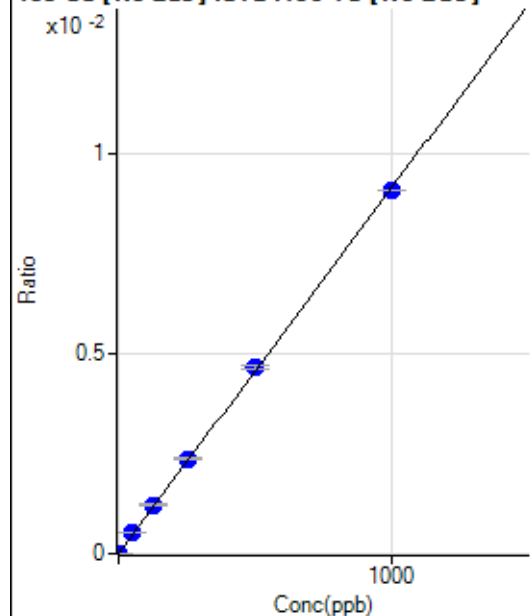
$$R = 0.9997$$

$$DL = 0.01317$$

$$BEC = 0.01451$$

Weight: &lt;None&gt;

Min Conc: 0

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

|   | R <sub>ct</sub>          | Conc.    | Calc Conc. | CPS      | Ratio  | Det. | RSD  |
|---|--------------------------|----------|------------|----------|--------|------|------|
| 1 | <input type="checkbox"/> | 0.000    | 0.000      | 5.56     | 0.0000 | P    | 173. |
| 2 | <input type="checkbox"/> | 0.100    |            |          |        |      |      |
| 3 | <input type="checkbox"/> | 1.000    | 1.007      | 93.06    | 0.0000 | P    | 5.3  |
| 4 | <input type="checkbox"/> | 50.000   | 56.676     | 5003.82  | 0.0005 | P    | 1.0  |
| 5 | <input type="checkbox"/> | 125.000  | 133.252    | 11810.95 | 0.0012 | P    | 2.1  |
| 6 | <input type="checkbox"/> | 250.000  | 259.654    | 23517.96 | 0.0024 | P    | 1.6  |
| 7 | <input type="checkbox"/> | 500.000  | 508.003    | 46425.71 | 0.0047 | P    | 2.1  |
| 8 | <input type="checkbox"/> | 1000.000 | 992.220    | 91871.48 | 0.0091 | P    | 0.1  |
| 9 | <input type="checkbox"/> |          |            | 36.11    | 0.0000 | P    | 51.3 |

$$y = 9.1614\text{E-}006 * x + 5.8687\text{E-}007$$

$$R = 0.9999$$

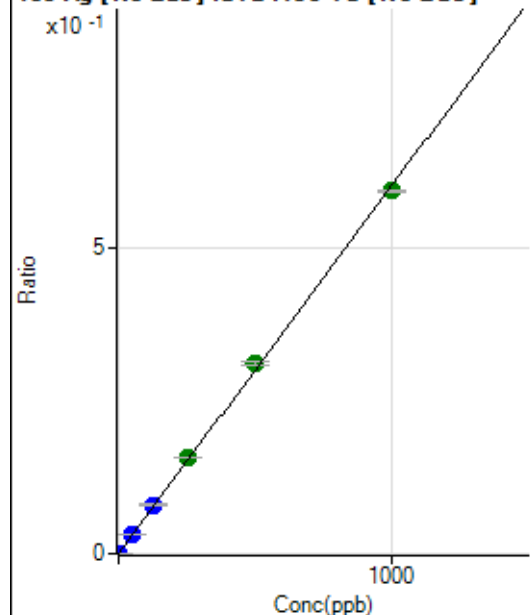
$$DL = 0.3329$$

$$BEC = 0.06406$$

Weight: &lt;None&gt;

Min Conc: 0

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



|   | R <sub>j</sub><br>ct     | Conc.    | Calc Conc. | CPS        | Ratio  | Det. | RSD  |
|---|--------------------------|----------|------------|------------|--------|------|------|
| 1 | <input type="checkbox"/> | 0.000    | 0.000      | 63.89      | 0.0000 | P    | 27.8 |
| 2 | <input type="checkbox"/> | 0.100    |            |            |        |      |      |
| 3 | <input type="checkbox"/> | 1.000    | 0.960      | 5523.58    | 0.0006 | P    | 4.4  |
| 4 | <input type="checkbox"/> | 50.000   | 52.959     | 306023.06  | 0.0318 | P    | 1.3  |
| 5 | <input type="checkbox"/> | 125.000  | 133.180    | 773091.74  | 0.0799 | P    | 1.1  |
| 6 | <input type="checkbox"/> | 250.000  | 262.609    | 1557983.72 | 0.1576 | A    | 0.8  |
| 7 | <input type="checkbox"/> | 500.000  | 517.665    | 3098917.91 | 0.3107 | A    | 1.9  |
| 8 | <input type="checkbox"/> | 1000.000 | 986.845    | 5985834.29 | 0.5923 | A    | 0.3  |
| 9 | <input type="checkbox"/> |          |            | 686.16     | 0.0001 | P    | 17.1 |

$$y = 6.0019\text{E-}004 * x + 6.6970\text{E-}006$$

$$R = 0.9997$$

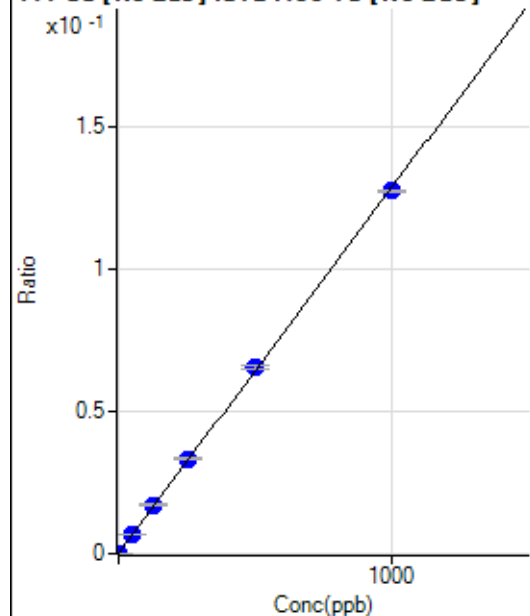
$$DL = 0.009317$$

$$BEC = 0.01116$$

Weight: &lt;None&gt;

Min Conc: 0

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



|   | R <sub>j</sub><br>ct     | Conc.    | Calc Conc. | CPS        | Ratio  | Det. | RSD |
|---|--------------------------|----------|------------|------------|--------|------|-----|
| 1 | <input type="checkbox"/> | 0.000    | 0.000      | 956.76     | 0.0001 | P    | 2.4 |
| 2 | <input type="checkbox"/> | 0.100    |            |            |        |      |     |
| 3 | <input type="checkbox"/> | 1.000    | 0.906      | 2052.25    | 0.0002 | P    | 7.4 |
| 4 | <input type="checkbox"/> | 50.000   | 52.632     | 66015.55   | 0.0069 | P    | 1.4 |
| 5 | <input type="checkbox"/> | 125.000  | 132.680    | 165720.39  | 0.0171 | P    | 1.6 |
| 6 | <input type="checkbox"/> | 250.000  | 259.600    | 330466.70  | 0.0334 | P    | 0.8 |
| 7 | <input type="checkbox"/> | 500.000  | 509.487    | 653522.16  | 0.0655 | P    | 1.3 |
| 8 | <input type="checkbox"/> | 1000.000 | 991.765    | 1287949.99 | 0.1274 | P    | 0.6 |
| 9 | <input type="checkbox"/> |          |            | 1241.22    | 0.0001 | P    | 5.8 |

$$y = 1.2840\text{E-}004 * x + 1.0016\text{E-}004$$

$$R = 0.9999$$

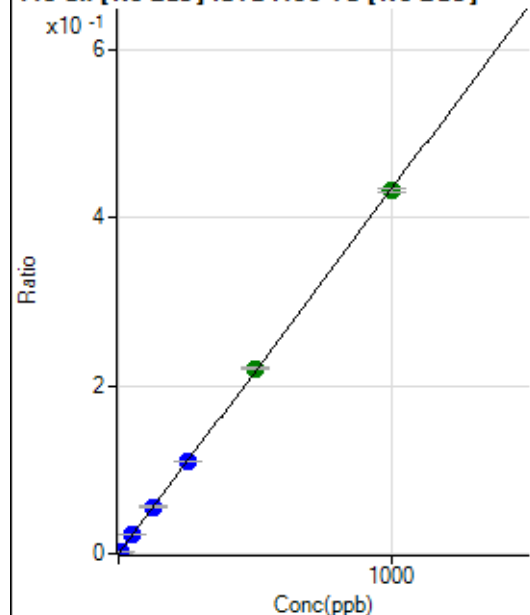
$$DL = 0.05579$$

$$BEC = 0.7801$$

Weight: &lt;None&gt;

Min Conc: 0

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



|   | R <sub>ct</sub>          | Conc.    | Calc Conc. | CPS        | Ratio  | Det. | RSD |
|---|--------------------------|----------|------------|------------|--------|------|-----|
| 1 | <input type="checkbox"/> | 0.000    | 0.000      | 602.82     | 0.0001 | P    | 6.0 |
| 2 | <input type="checkbox"/> | 0.500    |            |            |        |      |     |
| 3 | <input type="checkbox"/> | 5.000    | 4.750      | 20124.23   | 0.0021 | P    | 1.0 |
| 4 | <input type="checkbox"/> | 50.000   | 51.256     | 214477.39  | 0.0223 | P    | 1.9 |
| 5 | <input type="checkbox"/> | 125.000  | 128.778    | 540493.23  | 0.0559 | P    | 1.1 |
| 6 | <input type="checkbox"/> | 250.000  | 253.992    | 1088927.80 | 0.1102 | P    | 0.6 |
| 7 | <input type="checkbox"/> | 500.000  | 507.336    | 2194259.25 | 0.2200 | A    | 1.4 |
| 8 | <input type="checkbox"/> | 1000.000 | 994.801    | 4358730.57 | 0.4313 | A    | 1.0 |
| 9 | <input type="checkbox"/> |          |            | 7744.24    | 0.0008 | P    | 1.2 |

$$y = 4.3350\text{E-}004 * x + 6.3095\text{E-}005$$

$$R = 0.9999$$

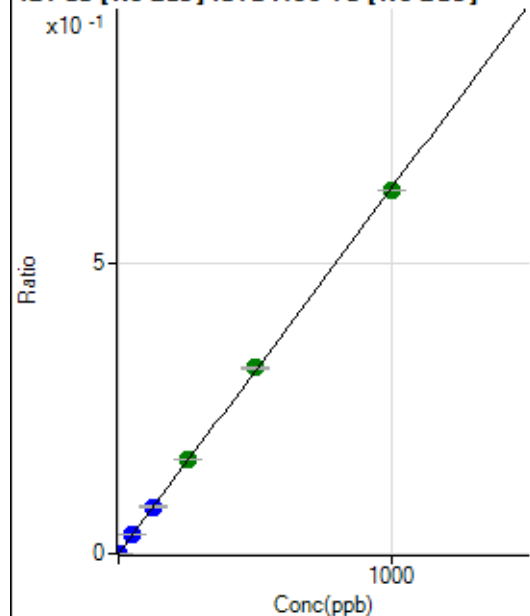
$$DL = 0.02609$$

$$BEC = 0.1455$$

Weight: &lt;None&gt;

Min Conc: 0

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



|   | R <sub>ct</sub>          | Conc.    | Calc Conc. | CPS        | Ratio  | Det. | RSD  |
|---|--------------------------|----------|------------|------------|--------|------|------|
| 1 | <input type="checkbox"/> | 0.000    | 0.000      | 319.47     | 0.0000 | P    | 27.7 |
| 2 | <input type="checkbox"/> | 0.200    |            |            |        |      |      |
| 3 | <input type="checkbox"/> | 2.000    | 1.910      | 11708.45   | 0.0012 | P    | 1.5  |
| 4 | <input type="checkbox"/> | 50.000   | 50.249     | 304490.15  | 0.0316 | P    | 1.2  |
| 5 | <input type="checkbox"/> | 125.000  | 128.696    | 782939.54  | 0.0810 | P    | 1.9  |
| 6 | <input type="checkbox"/> | 250.000  | 257.081    | 1598285.46 | 0.1617 | A    | 0.3  |
| 7 | <input type="checkbox"/> | 500.000  | 509.560    | 3196559.73 | 0.3205 | A    | 0.9  |
| 8 | <input type="checkbox"/> | 1000.000 | 992.975    | 6310881.39 | 0.6245 | A    | 0.1  |
| 9 | <input type="checkbox"/> |          |            | 22002.24   | 0.0022 | P    | 6.3  |

$$y = 6.2885\text{E-}004 * x + 3.3387\text{E-}005$$

$$R = 0.9999$$

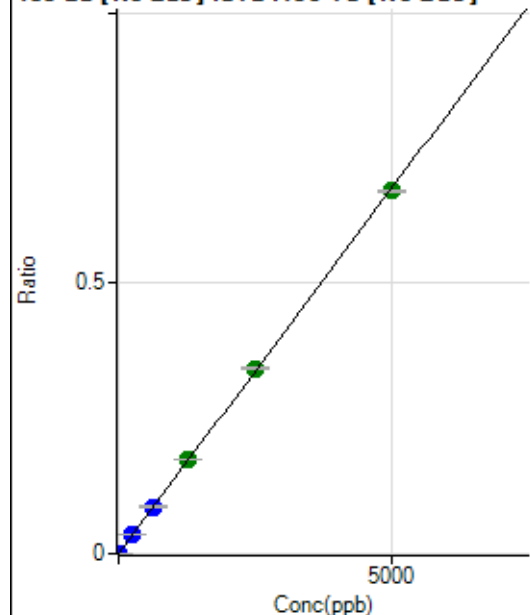
$$DL = 0.04417$$

$$BEC = 0.05309$$

Weight: &lt;None&gt;

Min Conc: 0

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



|   | R <sub>ct</sub>          | Conc.    | Calc Conc. | CPS        | Ratio  | Det. | RSD  |
|---|--------------------------|----------|------------|------------|--------|------|------|
| 1 | <input type="checkbox"/> | 0.000    | 0.000      | 44.45      | 0.0000 | P    | 27.5 |
| 2 | <input type="checkbox"/> | 1.000    |            |            |        |      |      |
| 3 | <input type="checkbox"/> | 10.000   | 9.455      | 12147.78   | 0.0013 | P    | 1.8  |
| 4 | <input type="checkbox"/> | 250.000  | 257.693    | 334852.41  | 0.0348 | P    | 2.1  |
| 5 | <input type="checkbox"/> | 625.000  | 642.255    | 838458.47  | 0.0867 | P    | 1.0  |
| 6 | <input type="checkbox"/> | 1250.000 | 1289.741   | 1720860.97 | 0.1741 | A    | 0.4  |
| 7 | <input type="checkbox"/> | 2500.000 | 2539.280   | 3418920.04 | 0.3428 | A    | 1.0  |
| 8 | <input type="checkbox"/> | 5000.000 | 4967.884   | 6776833.66 | 0.6706 | A    | 0.7  |
| 9 | <input type="checkbox"/> |          |            | 2222.51    | 0.0002 | P    | 5.1  |

$$y = 1.3498\text{E-}004 * x + 4.6445\text{E-}006$$

$$R = 0.9999$$

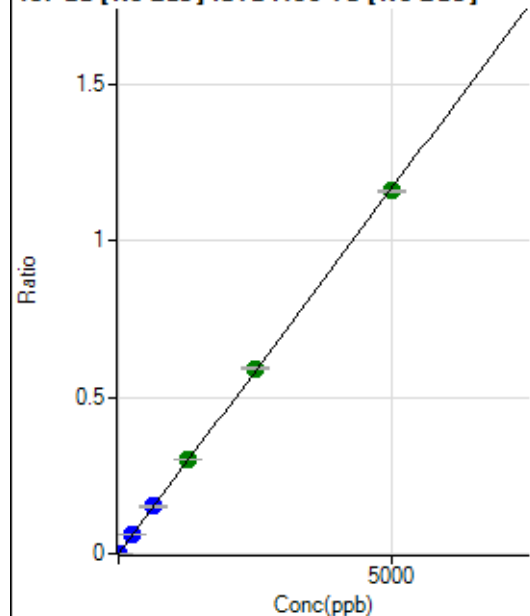
$$DL = 0.02839$$

$$BEC = 0.03441$$

Weight: &lt;None&gt;

Min Conc: 0

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



|   | R <sub>ct</sub>          | Conc.    | Calc Conc. | CPS         | Ratio  | Det. | RSD  |
|---|--------------------------|----------|------------|-------------|--------|------|------|
| 1 | <input type="checkbox"/> | 0.000    | 0.000      | 25.00       | 0.0000 | P    | 33.9 |
| 2 | <input type="checkbox"/> | 1.000    |            |             |        |      |      |
| 3 | <input type="checkbox"/> | 10.000   | 9.865      | 21824.45    | 0.0023 | P    | 2.8  |
| 4 | <input type="checkbox"/> | 250.000  | 258.789    | 580623.62   | 0.0603 | P    | 1.1  |
| 5 | <input type="checkbox"/> | 625.000  | 647.470    | 1459462.19  | 0.1509 | P    | 0.9  |
| 6 | <input type="checkbox"/> | 1250.000 | 1293.923   | 2980880.02  | 0.3016 | A    | 0.8  |
| 7 | <input type="checkbox"/> | 2500.000 | 2534.391   | 5892076.35  | 0.5907 | A    | 0.8  |
| 8 | <input type="checkbox"/> | 5000.000 | 4968.576   | 11703232.12 | 1.1580 | A    | 0.6  |
| 9 | <input type="checkbox"/> |          |            | 3861.86     | 0.0004 | P    | 3.1  |

$$y = 2.3307\text{E-}004 * x + 2.6225\text{E-}006$$

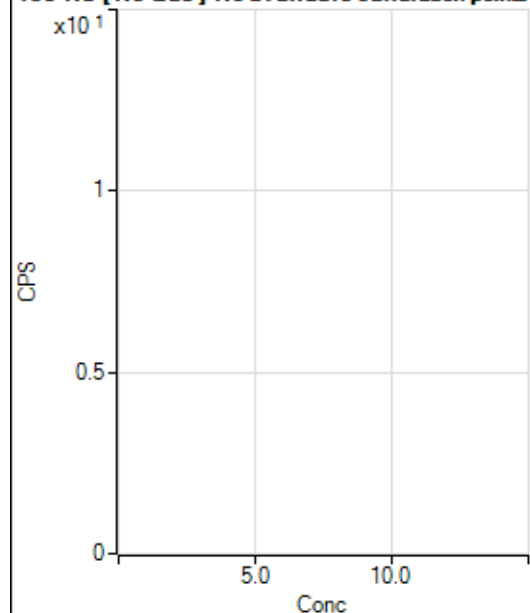
$$R = 0.9999$$

$$DL = 0.01145$$

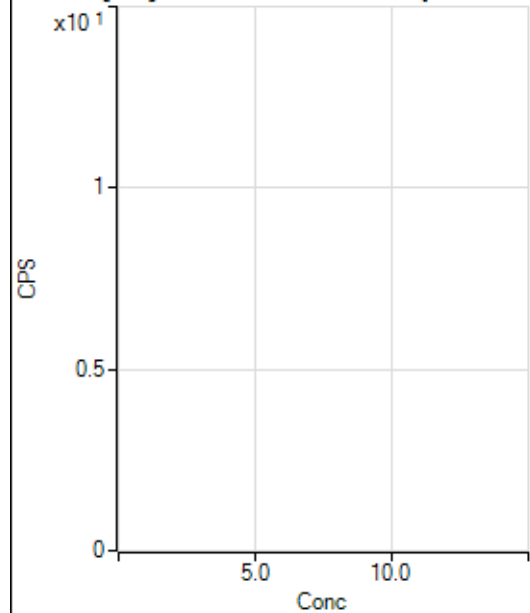
$$BEC = 0.01125$$

Weight: &lt;None&gt;

Min Conc: 0

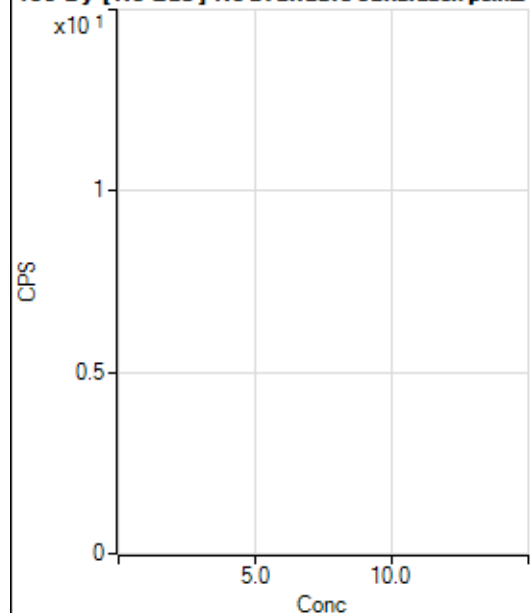
**150 Nd [ No Gas ] No available calibration points**

|   | Rj<br>ct                 | Conc. | Calc Conc. | CPS    | Ratio | Det<br>. | RSD  |
|---|--------------------------|-------|------------|--------|-------|----------|------|
| 1 | <input type="checkbox"/> |       |            | 8.89   |       | P        | 43.3 |
| 2 | <input type="checkbox"/> |       |            |        |       |          |      |
| 3 | <input type="checkbox"/> |       |            | 11.11  |       | P        | 124. |
| 4 | <input type="checkbox"/> |       |            | 24.44  |       | P        | 41.7 |
| 5 | <input type="checkbox"/> |       |            | 37.78  |       | P        | 79.6 |
| 6 | <input type="checkbox"/> |       |            | 75.56  |       | P        | 27.0 |
| 7 | <input type="checkbox"/> |       |            | 106.67 |       | P        | 12.5 |
| 8 | <input type="checkbox"/> |       |            | 251.13 |       | P        | 15.3 |
| 9 | <input type="checkbox"/> |       |            | 75.56  |       | P        | 28.4 |

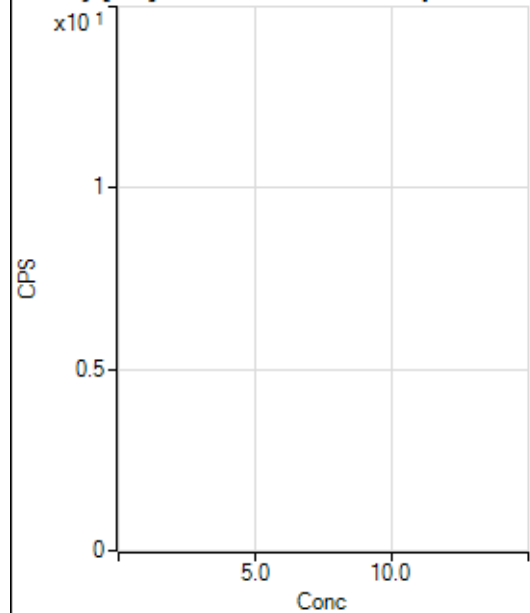
**150 Nd [ He ] No available calibration points**

|   | Rj<br>ct                 | Conc. | Calc Conc. | CPS   | Ratio | Det<br>. | RSD  |
|---|--------------------------|-------|------------|-------|-------|----------|------|
| 1 | <input type="checkbox"/> |       |            | 0.00  |       | P        |      |
| 2 | <input type="checkbox"/> |       |            |       |       |          |      |
| 3 | <input type="checkbox"/> |       |            | 0.00  |       | P        |      |
| 4 | <input type="checkbox"/> |       |            | 0.00  |       | P        |      |
| 5 | <input type="checkbox"/> |       |            | 0.00  |       | P        |      |
| 6 | <input type="checkbox"/> |       |            | 2.22  |       | P        | 86.6 |
| 7 | <input type="checkbox"/> |       |            | 4.45  |       | P        | 86.6 |
| 8 | <input type="checkbox"/> |       |            | 3.33  |       | P        | 0.0  |
| 9 | <input type="checkbox"/> |       |            | 14.45 |       | P        | 74.2 |

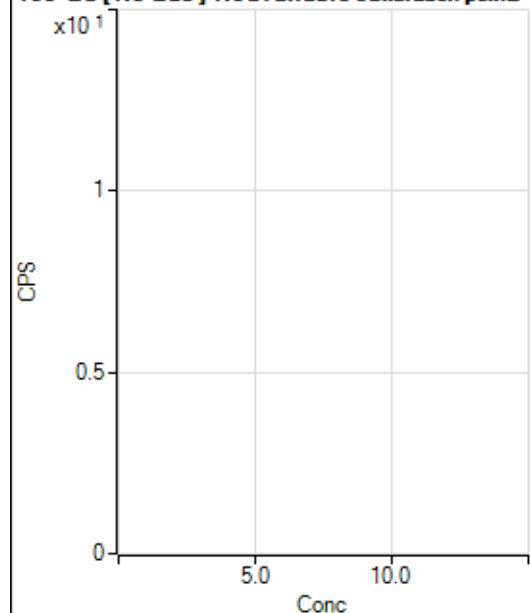


**156 Dy [ No Gas ] No available calibration points**

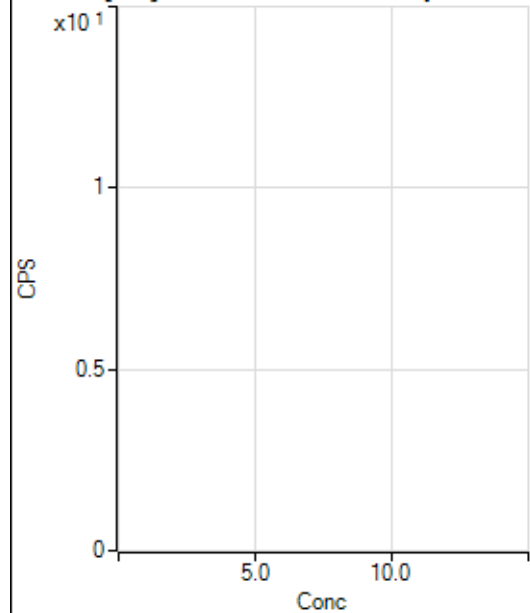
|   | Rj<br>ct                 | Conc. | Calc Conc. | CPS    | Ratio | Det<br>. | RSD  |
|---|--------------------------|-------|------------|--------|-------|----------|------|
| 1 | <input type="checkbox"/> |       |            | 5.55   |       | P        | 86.6 |
| 2 | <input type="checkbox"/> |       |            |        |       |          |      |
| 3 | <input type="checkbox"/> |       |            | 27.78  |       | P        | 45.8 |
| 4 | <input type="checkbox"/> |       |            | 30.56  |       | P        | 56.8 |
| 5 | <input type="checkbox"/> |       |            | 22.22  |       | P        | 21.6 |
| 6 | <input type="checkbox"/> |       |            | 16.67  |       | P        | 100. |
| 7 | <input type="checkbox"/> |       |            | 44.45  |       | P        | 10.8 |
| 8 | <input type="checkbox"/> |       |            | 80.56  |       | P        | 26.0 |
| 9 | <input type="checkbox"/> |       |            | 100.00 |       | P        | 22.0 |

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

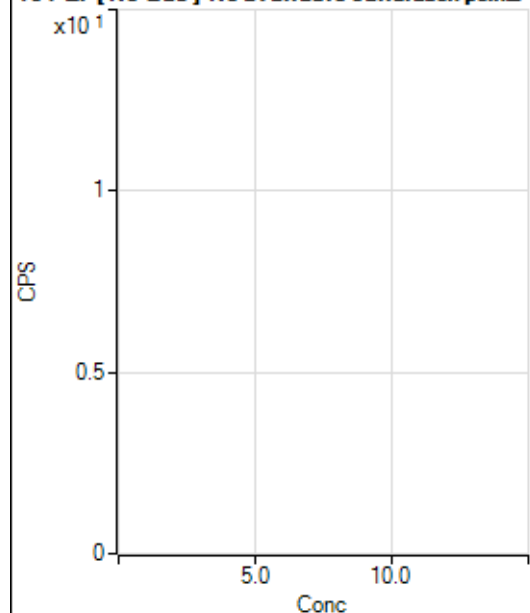
|   | Rj<br>ct                 | Conc. | Calc Conc. | CPS  | Ratio | Det<br>. | RSD  |
|---|--------------------------|-------|------------|------|-------|----------|------|
| 1 | <input type="checkbox"/> |       |            | 3.33 |       | P        | 100. |
| 2 | <input type="checkbox"/> |       |            |      |       |          |      |
| 3 | <input type="checkbox"/> |       |            | 0.00 |       | P        |      |
| 4 | <input type="checkbox"/> |       |            | 1.11 |       | P        | 173. |
| 5 | <input type="checkbox"/> |       |            | 2.22 |       | P        | 173. |
| 6 | <input type="checkbox"/> |       |            | 1.11 |       | P        | 173. |
| 7 | <input type="checkbox"/> |       |            | 7.78 |       | P        | 89.2 |
| 8 | <input type="checkbox"/> |       |            | 6.67 |       | P        | 50.0 |
| 9 | <input type="checkbox"/> |       |            | 8.89 |       | P        | 57.3 |

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

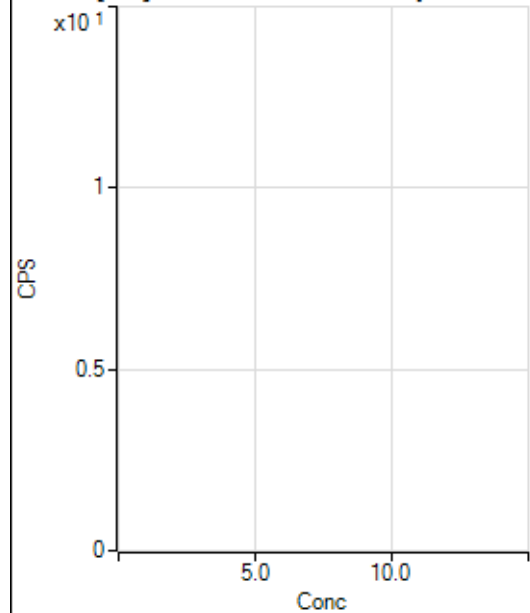
|   | Rj<br>ct                 | Conc. | Calc Conc. | CPS   | Ratio | Det<br>. | RSD  |
|---|--------------------------|-------|------------|-------|-------|----------|------|
| 1 | <input type="checkbox"/> |       |            | 41.67 |       | P        | 20.0 |
| 2 | <input type="checkbox"/> |       |            |       |       |          |      |
| 3 | <input type="checkbox"/> |       |            | 27.78 |       | P        | 91.6 |
| 4 | <input type="checkbox"/> |       |            | 58.34 |       | P        | 14.3 |
| 5 | <input type="checkbox"/> |       |            | 41.67 |       | P        | 20.0 |
| 6 | <input type="checkbox"/> |       |            | 44.45 |       | P        | 96.2 |
| 7 | <input type="checkbox"/> |       |            | 52.78 |       | P        | 48.2 |
| 8 | <input type="checkbox"/> |       |            | 52.78 |       | P        | 32.9 |
| 9 | <input type="checkbox"/> |       |            | 72.22 |       | P        | 52.0 |

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

|   | Rj<br>ct                 | Conc. | Calc Conc. | CPS   | Ratio | Det<br>. | RSD  |
|---|--------------------------|-------|------------|-------|-------|----------|------|
| 1 | <input type="checkbox"/> |       |            | 11.11 |       | P        | 45.8 |
| 2 | <input type="checkbox"/> |       |            |       |       |          |      |
| 3 | <input type="checkbox"/> |       |            | 3.33  |       | P        | 100. |
| 4 | <input type="checkbox"/> |       |            | 8.89  |       | P        | 78.1 |
| 5 | <input type="checkbox"/> |       |            | 12.22 |       | P        | 15.7 |
| 6 | <input type="checkbox"/> |       |            | 4.44  |       | P        | 114. |
| 7 | <input type="checkbox"/> |       |            | 11.11 |       | P        | 62.5 |
| 8 | <input type="checkbox"/> |       |            | 7.78  |       | P        | 99.0 |
| 9 | <input type="checkbox"/> |       |            | 16.66 |       | P        | 34.6 |

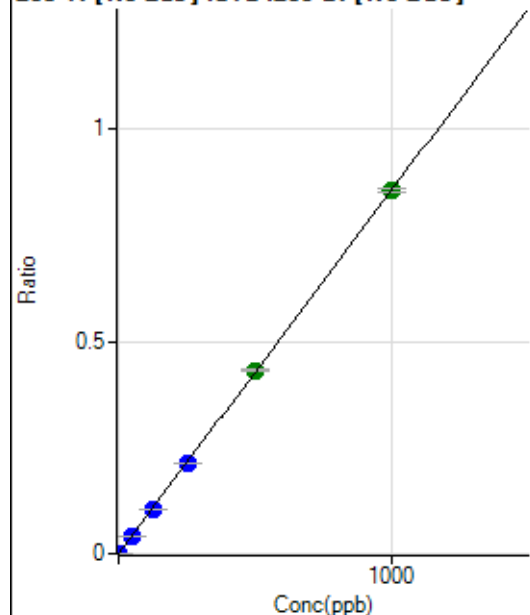
**164 Er [ No Gas ] No available calibration points**

|   | Rj<br>ct                 | Conc. | Calc Conc. | CPS   | Ratio | Det<br>. | RSD  |
|---|--------------------------|-------|------------|-------|-------|----------|------|
| 1 | <input type="checkbox"/> |       |            | 50.00 |       | P        | 33.3 |
| 2 | <input type="checkbox"/> |       |            |       |       |          |      |
| 3 | <input type="checkbox"/> |       |            | 63.89 |       | P        | 64.3 |
| 4 | <input type="checkbox"/> |       |            | 47.22 |       | P        | 44.4 |
| 5 | <input type="checkbox"/> |       |            | 27.78 |       | P        | 45.8 |
| 6 | <input type="checkbox"/> |       |            | 44.45 |       | P        | 28.7 |
| 7 | <input type="checkbox"/> |       |            | 58.34 |       | P        | 14.3 |
| 8 | <input type="checkbox"/> |       |            | 55.56 |       | P        | 31.2 |
| 9 | <input type="checkbox"/> |       |            | 41.67 |       | P        | 0.0  |

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

|   | Rj<br>ct                 | Conc. | Calc Conc. | CPS   | Ratio | Det<br>. | RSD  |
|---|--------------------------|-------|------------|-------|-------|----------|------|
| 1 | <input type="checkbox"/> |       |            | 5.56  |       | P        | 34.7 |
| 2 | <input type="checkbox"/> |       |            |       |       |          |      |
| 3 | <input type="checkbox"/> |       |            | 13.33 |       | P        | 25.0 |
| 4 | <input type="checkbox"/> |       |            | 3.33  |       | P        | 0.0  |
| 5 | <input type="checkbox"/> |       |            | 10.00 |       | P        | 33.3 |
| 6 | <input type="checkbox"/> |       |            | 4.44  |       | P        | 114. |
| 7 | <input type="checkbox"/> |       |            | 14.44 |       | P        | 35.3 |
| 8 | <input type="checkbox"/> |       |            | 5.56  |       | P        | 91.6 |
| 9 | <input type="checkbox"/> |       |            | 10.00 |       | P        | 0.0  |

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



|   | R <sub>ct</sub>          | Conc.    | Calc Conc. | CPS        | Ratio  | Det. | RSD  |
|---|--------------------------|----------|------------|------------|--------|------|------|
| 1 | <input type="checkbox"/> | 0.000    | 0.000      | 94.45      | 0.0000 | P    | 26.4 |
| 2 | <input type="checkbox"/> | 0.100    |            |            |        |      |      |
| 3 | <input type="checkbox"/> | 1.000    | 0.963      | 5062.36    | 0.0008 | P    | 5.1  |
| 4 | <input type="checkbox"/> | 50.000   | 48.382     | 251932.87  | 0.0414 | P    | 2.5  |
| 5 | <input type="checkbox"/> | 125.000  | 122.653    | 647150.80  | 0.1050 | P    | 0.9  |
| 6 | <input type="checkbox"/> | 250.000  | 247.459    | 1333580.96 | 0.2119 | P    | 0.4  |
| 7 | <input type="checkbox"/> | 500.000  | 505.237    | 2777221.78 | 0.4326 | A    | 0.2  |
| 8 | <input type="checkbox"/> | 1000.000 | 998.391    | 5558750.90 | 0.8548 | A    | 0.9  |
| 9 | <input type="checkbox"/> |          |            | 2978.28    | 0.0005 | P    | 14.5 |

$$y = 8.5616\text{E-}004 * x + 1.5531\text{E-}005$$

$$R = 1.0000$$

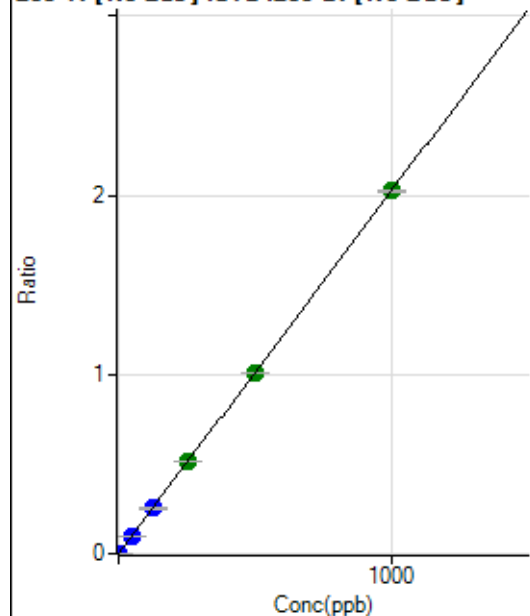
$$DL = 0.01438$$

$$BEC = 0.01814$$

Weight: &lt;None&gt;

Min Conc: 0

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



|   | R <sub>ct</sub>          | Conc.    | Calc Conc. | CPS         | Ratio  | Det. | RSD  |
|---|--------------------------|----------|------------|-------------|--------|------|------|
| 1 | <input type="checkbox"/> | 0.000    | 0.000      | 225.02      | 0.0000 | P    | 14.6 |
| 2 | <input type="checkbox"/> | 0.100    |            |             |        |      |      |
| 3 | <input type="checkbox"/> | 1.000    | 0.936      | 11647.50    | 0.0019 | P    | 1.5  |
| 4 | <input type="checkbox"/> | 50.000   | 49.447     | 609208.93   | 0.1002 | P    | 2.1  |
| 5 | <input type="checkbox"/> | 125.000  | 124.860    | 1558653.69  | 0.2530 | P    | 0.8  |
| 6 | <input type="checkbox"/> | 250.000  | 254.007    | 3238696.49  | 0.5146 | A    | 1.4  |
| 7 | <input type="checkbox"/> | 500.000  | 498.783    | 6486627.53  | 1.0104 | A    | 0.5  |
| 8 | <input type="checkbox"/> | 1000.000 | 999.652    | 13168747.95 | 2.0250 | A    | 0.2  |
| 9 | <input type="checkbox"/> |          |            | 7077.31     | 0.0011 | P    | 2.6  |

$$y = 0.0020 * x + 3.6971\text{E-}005$$

$$R = 1.0000$$

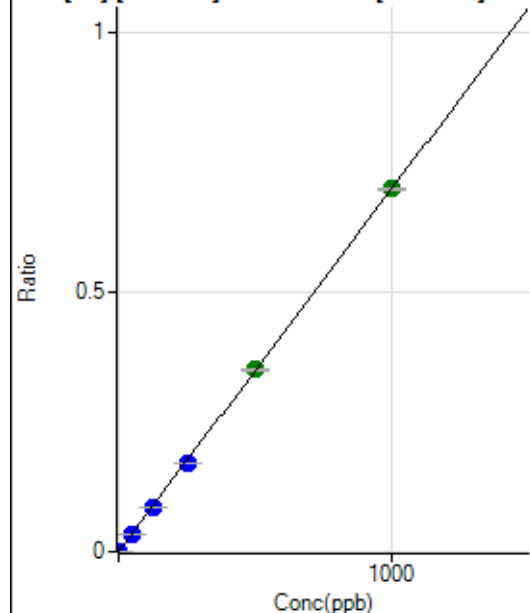
$$DL = 0.007992$$

$$BEC = 0.01825$$

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      | 148.15     | 0.0000 | P    | 20.8 |
| 2 | <input type="checkbox"/> | 0.100    |            |            |        |      |      |
| 3 | <input type="checkbox"/> | 1.000    | 0.918      | 4010.03    | 0.0007 | P    | 5.4  |
| 4 | <input type="checkbox"/> | 50.000   | 48.768     | 207271.29  | 0.0341 | P    | 2.6  |
| 5 | <input type="checkbox"/> | 125.000  | 123.083    | 529941.22  | 0.0860 | P    | 1.2  |
| 6 | <input type="checkbox"/> | 250.000  | 244.633    | 1075766.18 | 0.1709 | P    | 0.7  |
| 7 | <input type="checkbox"/> | 500.000  | 501.552    | 2249501.44 | 0.3504 | A    | 0.8  |
| 8 | <input type="checkbox"/> | 1000.000 | 1000.867   | 4547083.32 | 0.6992 | A    | 0.3  |
| 9 | <input type="checkbox"/> |          |            | 8692.15    | 0.0014 | P    | 3.3  |

$$y = 6.9857\text{E-}004 * x + 2.4319\text{E-}005$$

$$R = 1.0000$$

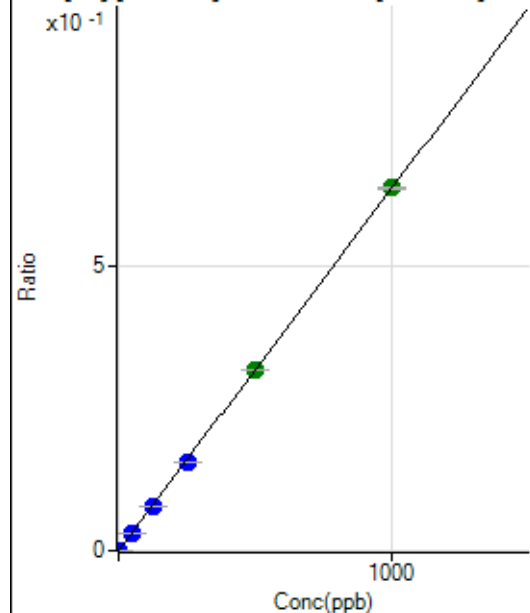
$$DL = 0.02172$$

$$BEC = 0.03481$$

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      | 155.56     | 0.0000 | P    | 19.8 |
| 2 | <input type="checkbox"/> | 0.100    |            |            |        |      |      |
| 3 | <input type="checkbox"/> | 1.000    | 0.931      | 3730.30    | 0.0006 | P    | 3.5  |
| 4 | <input type="checkbox"/> | 50.000   | 48.123     | 186669.64  | 0.0307 | P    | 2.4  |
| 5 | <input type="checkbox"/> | 125.000  | 122.181    | 480079.36  | 0.0779 | P    | 1.0  |
| 6 | <input type="checkbox"/> | 250.000  | 243.972    | 979050.22  | 0.1556 | P    | 0.5  |
| 7 | <input type="checkbox"/> | 500.000  | 498.604    | 2040786.42 | 0.3179 | A    | 0.4  |
| 8 | <input type="checkbox"/> | 1000.000 | 1002.651   | 4156899.95 | 0.6392 | A    | 0.6  |
| 9 | <input type="checkbox"/> |          |            | 7263.39    | 0.0012 | P    | 4.2  |

$$y = 6.3748\text{E-}004 * x + 2.5566\text{E-}005$$

$$R = 1.0000$$

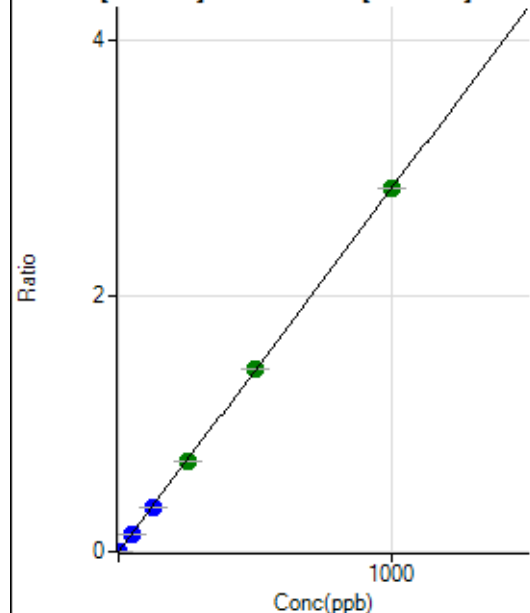
$$DL = 0.02383$$

$$BEC = 0.0401$$

Weight: &lt;None&gt;

Min Conc: 0

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



|   | Rj<br>ct                 | Conc.    | Calc Conc. | CPS         | Ratio  | Det<br>. | RSD  |
|---|--------------------------|----------|------------|-------------|--------|----------|------|
| 1 | <input type="checkbox"/> | 0.000    | 0.000      | 690.77      | 0.0001 | P        | 14.5 |
| 2 | <input type="checkbox"/> | 0.100    |            |             |        |          |      |
| 3 | <input type="checkbox"/> | 1.000    | 0.918      | 16363.88    | 0.0027 | P        | 4.0  |
| 4 | <input type="checkbox"/> | 50.000   | 48.617     | 838833.73   | 0.1380 | P        | 2.1  |
| 5 | <input type="checkbox"/> | 125.000  | 123.483    | 2158049.42  | 0.3502 | P        | 1.2  |
| 6 | <input type="checkbox"/> | 250.000  | 248.852    | 4441810.23  | 0.7057 | A        | 0.2  |
| 7 | <input type="checkbox"/> | 500.000  | 502.189    | 9142342.88  | 1.4240 | A        | 0.5  |
| 8 | <input type="checkbox"/> | 1000.000 | 999.451    | 18430400.61 | 2.8340 | A        | 0.1  |
| 9 | <input type="checkbox"/> |          |            | 33946.47    | 0.0055 | P        | 1.3  |

$$y = 0.0028 * x + 1.1350E-004$$

$$R = 1.0000$$

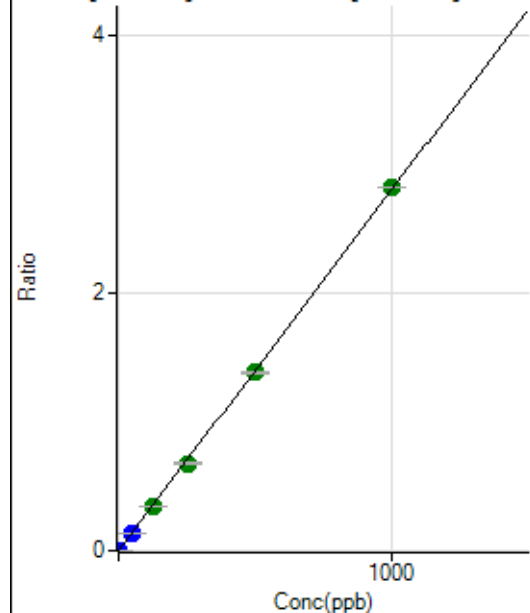
$$DL = 0.01743$$

$$BEC = 0.04003$$

Weight: &lt;None&gt;

Min Conc: 0

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



|   | Rj<br>ct                 | Conc.    | Calc Conc. | CPS         | Ratio  | Det<br>. | RSD  |
|---|--------------------------|----------|------------|-------------|--------|----------|------|
| 1 | <input type="checkbox"/> | 0.000    | 0.000      | 66.67       | 0.0000 | P        | 11.2 |
| 2 | <input type="checkbox"/> | 0.100    |            |             |        |          |      |
| 3 | <input type="checkbox"/> | 1.000    | 0.868      | 14731.62    | 0.0024 | P        | 2.9  |
| 4 | <input type="checkbox"/> | 50.000   | 47.029     | 801549.50   | 0.1318 | P        | 2.1  |
| 5 | <input type="checkbox"/> | 125.000  | 122.218    | 2110783.99  | 0.3426 | A        | 2.2  |
| 6 | <input type="checkbox"/> | 250.000  | 242.166    | 4272337.64  | 0.6788 | A        | 1.0  |
| 7 | <input type="checkbox"/> | 500.000  | 493.859    | 8887086.83  | 1.3843 | A        | 0.6  |
| 8 | <input type="checkbox"/> | 1000.000 | 1005.525   | 18329474.54 | 2.8185 | A        | 0.1  |
| 9 | <input type="checkbox"/> |          |            | 1689.09     | 0.0003 | P        | 3.0  |

$$y = 0.0028 * x + 1.0929E-005$$

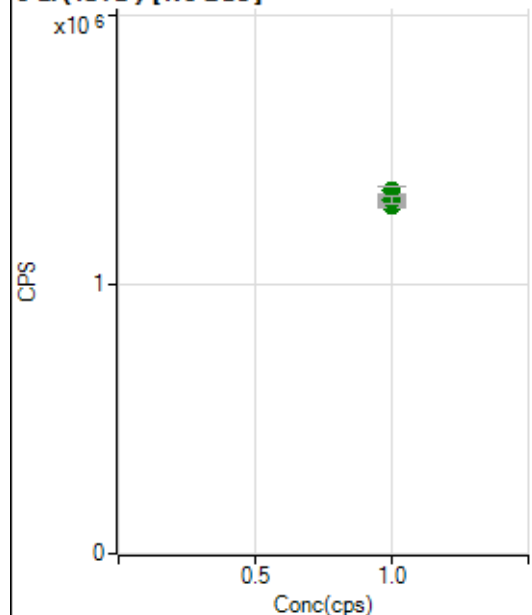
$$R = 0.9999$$

$$DL = 0.001307$$

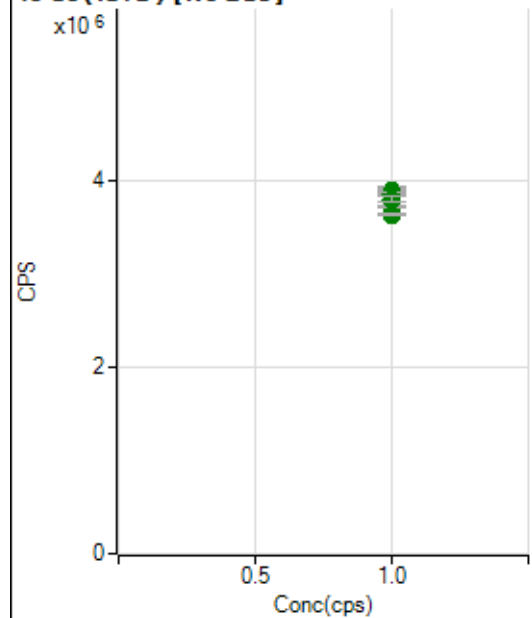
$$BEC = 0.003899$$

Weight: &lt;None&gt;

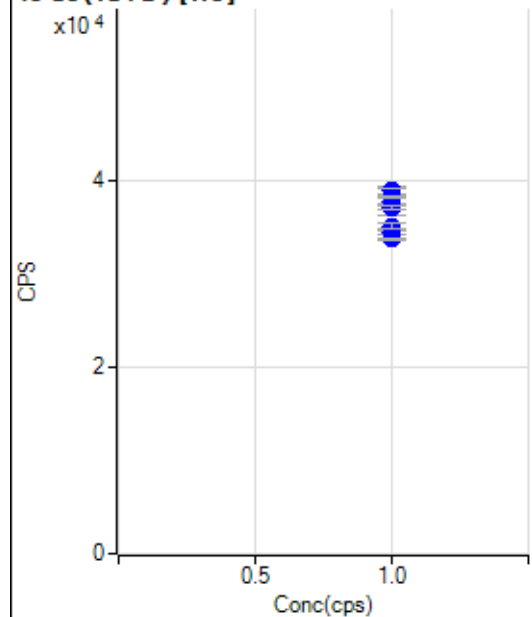
Min Conc: 0

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

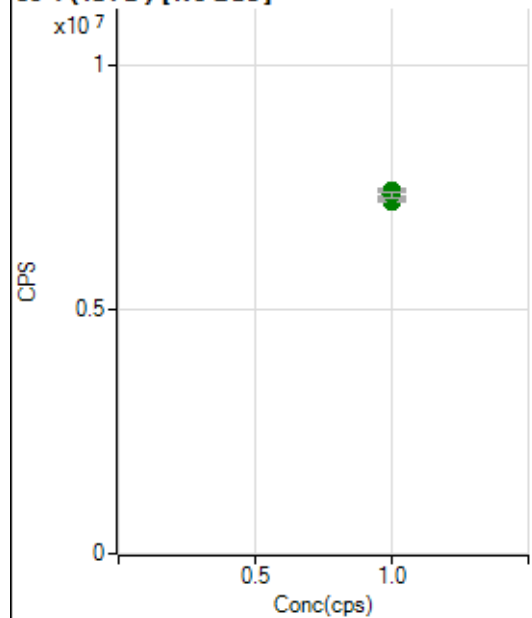
|   | Rj<br>ct                 | Conc. | Calc Conc. | CPS        | Ratio | Det<br>. | RSD |
|---|--------------------------|-------|------------|------------|-------|----------|-----|
| 1 | <input type="checkbox"/> | 1.000 |            | 1322899.16 |       | A        | 1.5 |
| 2 | <input type="checkbox"/> | 1.000 |            |            |       |          |     |
| 3 | <input type="checkbox"/> | 1.000 |            | 1291012.12 |       | A        | 0.2 |
| 4 | <input type="checkbox"/> | 1.000 |            | 1304672.89 |       | A        | 1.8 |
| 5 | <input type="checkbox"/> | 1.000 |            | 1346193.84 |       | A        | 2.2 |
| 6 | <input type="checkbox"/> | 1.000 |            | 1328476.86 |       | A        | 0.4 |
| 7 | <input type="checkbox"/> | 1.000 |            | 1314548.85 |       | A        | 1.3 |
| 8 | <input type="checkbox"/> | 1.000 |            | 1288140.32 |       | A        | 0.5 |
| 9 | <input type="checkbox"/> | 1.000 |            | 1313284.91 |       | A        | 1.8 |

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

|   | Rj<br>ct                 | Conc. | Calc Conc. | CPS        | Ratio | Det<br>. | RSD |
|---|--------------------------|-------|------------|------------|-------|----------|-----|
| 1 | <input type="checkbox"/> | 1.000 |            | 3884362.33 |       | A        | 2.0 |
| 2 | <input type="checkbox"/> | 1.000 |            |            |       |          |     |
| 3 | <input type="checkbox"/> | 1.000 |            | 3857281.90 |       | A        | 1.0 |
| 4 | <input type="checkbox"/> | 1.000 |            | 3873461.94 |       | A        | 1.5 |
| 5 | <input type="checkbox"/> | 1.000 |            | 3869148.96 |       | A        | 1.2 |
| 6 | <input type="checkbox"/> | 1.000 |            | 3850192.45 |       | A        | 1.4 |
| 7 | <input type="checkbox"/> | 1.000 |            | 3708383.63 |       | A        | 0.6 |
| 8 | <input type="checkbox"/> | 1.000 |            | 3629489.92 |       | A        | 0.6 |
| 9 | <input type="checkbox"/> | 1.000 |            | 3798374.65 |       | A        | 2.0 |

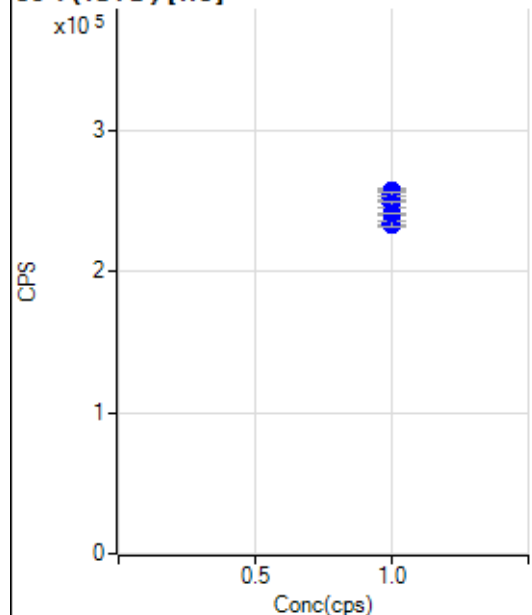
**45 Sc (ISTD) [He]**

|   | Rj<br>ct                 | Conc. | Calc Conc. | CPS      | Ratio | Det<br>. | RSD |
|---|--------------------------|-------|------------|----------|-------|----------|-----|
| 1 | <input type="checkbox"/> | 1.000 |            | 38047.36 |       | P        | 2.5 |
| 2 | <input type="checkbox"/> | 1.000 |            |          |       |          |     |
| 3 | <input type="checkbox"/> | 1.000 |            | 37812.04 |       | P        | 8.3 |
| 4 | <input type="checkbox"/> | 1.000 |            | 38899.45 |       | P        | 1.4 |
| 5 | <input type="checkbox"/> | 1.000 |            | 38163.13 |       | P        | 0.4 |
| 6 | <input type="checkbox"/> | 1.000 |            | 37155.94 |       | P        | 1.0 |
| 7 | <input type="checkbox"/> | 1.000 |            | 34461.34 |       | P        | 1.5 |
| 8 | <input type="checkbox"/> | 1.000 |            | 33725.21 |       | P        | 0.9 |
| 9 | <input type="checkbox"/> | 1.000 |            | 35100.81 |       | P        | 1.5 |

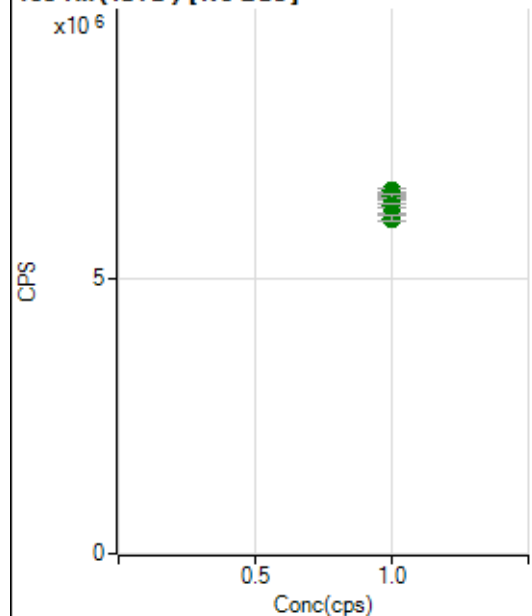
**89 Y (ISTD) [No Gas]**

|   | Rj<br>ct                 | Conc. | Calc Conc. | CPS        | Ratio | Det<br>. | RSD |
|---|--------------------------|-------|------------|------------|-------|----------|-----|
| 1 | <input type="checkbox"/> | 1.000 |            | 7410424.61 |       | A        | 2.0 |
| 2 | <input type="checkbox"/> | 1.000 |            |            |       |          |     |
| 3 | <input type="checkbox"/> | 1.000 |            | 7286270.45 |       | A        | 0.8 |
| 4 | <input type="checkbox"/> | 1.000 |            | 7365238.43 |       | A        | 1.7 |
| 5 | <input type="checkbox"/> | 1.000 |            | 7366326.42 |       | A        | 1.1 |
| 6 | <input type="checkbox"/> | 1.000 |            | 7429575.65 |       | A        | 0.2 |
| 7 | <input type="checkbox"/> | 1.000 |            | 7277967.18 |       | A        | 1.0 |
| 8 | <input type="checkbox"/> | 1.000 |            | 7209326.49 |       | A        | 0.5 |
| 9 | <input type="checkbox"/> | 1.000 |            | 7357051.42 |       | A        | 1.5 |

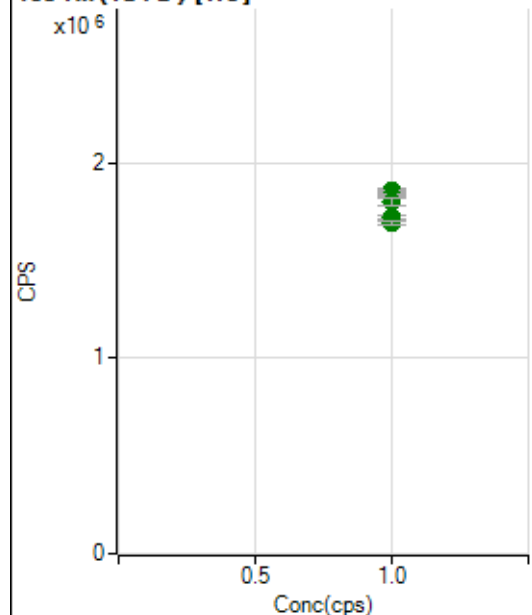


**89 Y (ISTD) [He]**

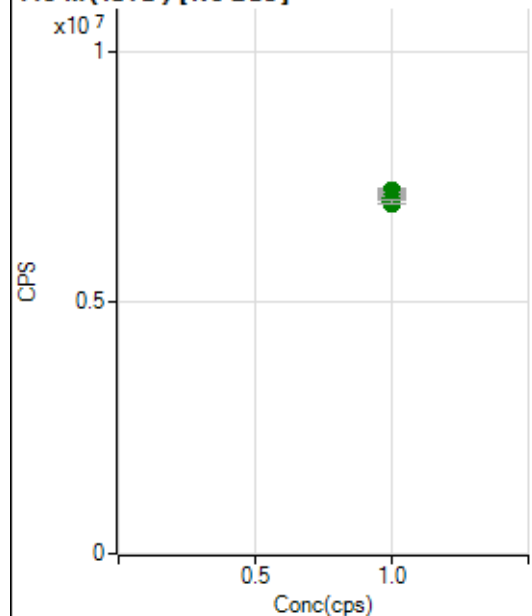
|   | Rj<br>ct                 | Conc. | Calc Conc. | CPS       | Ratio | Det<br>. | RSD |
|---|--------------------------|-------|------------|-----------|-------|----------|-----|
| 1 | <input type="checkbox"/> | 1.000 |            | 252924.27 |       | P        | 1.3 |
| 2 | <input type="checkbox"/> | 1.000 |            |           |       |          |     |
| 3 | <input type="checkbox"/> | 1.000 |            | 249846.19 |       | P        | 7.7 |
| 4 | <input type="checkbox"/> | 1.000 |            | 257553.41 |       | P        | 0.6 |
| 5 | <input type="checkbox"/> | 1.000 |            | 255089.29 |       | P        | 1.2 |
| 6 | <input type="checkbox"/> | 1.000 |            | 247990.55 |       | P        | 2.0 |
| 7 | <input type="checkbox"/> | 1.000 |            | 234234.20 |       | P        | 1.2 |
| 8 | <input type="checkbox"/> | 1.000 |            | 233890.86 |       | P        | 1.7 |
| 9 | <input type="checkbox"/> | 1.000 |            | 241676.84 |       | P        | 0.4 |

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

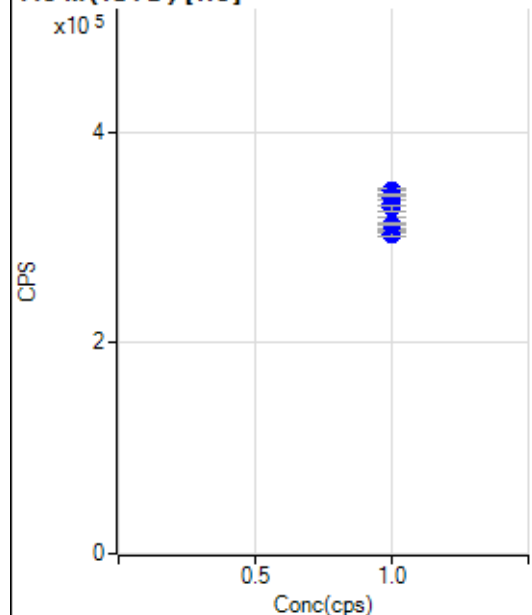
|   | Rj<br>ct                 | Conc. | Calc Conc. | CPS        | Ratio | Det<br>. | RSD |
|---|--------------------------|-------|------------|------------|-------|----------|-----|
| 1 | <input type="checkbox"/> | 1.000 |            | 6619514.60 |       | A        | 1.9 |
| 2 | <input type="checkbox"/> | 1.000 |            |            |       |          |     |
| 3 | <input type="checkbox"/> | 1.000 |            | 6543325.19 |       | A        | 0.7 |
| 4 | <input type="checkbox"/> | 1.000 |            | 6573237.61 |       | A        | 1.0 |
| 5 | <input type="checkbox"/> | 1.000 |            | 6492938.77 |       | A        | 1.3 |
| 6 | <input type="checkbox"/> | 1.000 |            | 6529874.80 |       | A        | 0.9 |
| 7 | <input type="checkbox"/> | 1.000 |            | 6345832.13 |       | A        | 0.8 |
| 8 | <input type="checkbox"/> | 1.000 |            | 6209893.46 |       | A        | 0.3 |
| 9 | <input type="checkbox"/> | 1.000 |            | 6111728.44 |       | A        | 1.6 |

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

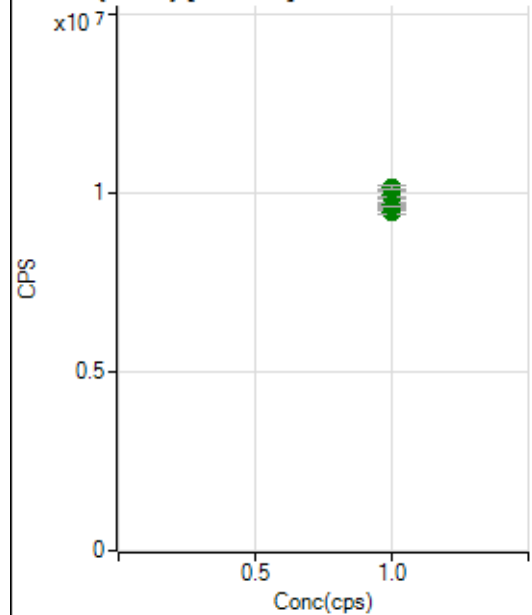
|   | Rj<br>ct                 | Conc. | Calc Conc. | CPS        | Ratio | Det<br>. | RSD |
|---|--------------------------|-------|------------|------------|-------|----------|-----|
| 1 | <input type="checkbox"/> | 1.000 |            | 1848603.46 |       | A        | 1.6 |
| 2 | <input type="checkbox"/> | 1.000 |            |            |       |          |     |
| 3 | <input type="checkbox"/> | 1.000 |            | 1799831.26 |       | A        | 7.6 |
| 4 | <input type="checkbox"/> | 1.000 |            | 1857284.78 |       | A        | 0.5 |
| 5 | <input type="checkbox"/> | 1.000 |            | 1834205.22 |       | A        | 0.6 |
| 6 | <input type="checkbox"/> | 1.000 |            | 1799967.63 |       | A        | 1.9 |
| 7 | <input type="checkbox"/> | 1.000 |            | 1719690.18 |       | A        | 1.8 |
| 8 | <input type="checkbox"/> | 1.000 |            | 1708763.65 |       | A        | 0.7 |
| 9 | <input type="checkbox"/> | 1.000 |            | 1690553.55 |       | A        | 1.1 |

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

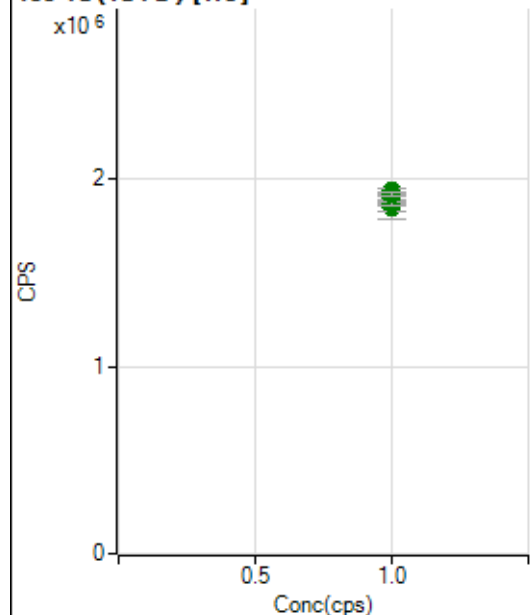
|   | Rj<br>ct                 | Conc. | Calc Conc. | CPS        | Ratio | Det<br>. | RSD |
|---|--------------------------|-------|------------|------------|-------|----------|-----|
| 1 | <input type="checkbox"/> | 1.000 |            | 7223429.26 |       | A        | 1.4 |
| 2 | <input type="checkbox"/> | 1.000 |            |            |       |          |     |
| 3 | <input type="checkbox"/> | 1.000 |            | 7117552.89 |       | A        | 1.5 |
| 4 | <input type="checkbox"/> | 1.000 |            | 7177343.84 |       | A        | 1.5 |
| 5 | <input type="checkbox"/> | 1.000 |            | 7188634.23 |       | A        | 1.9 |
| 6 | <input type="checkbox"/> | 1.000 |            | 7187243.43 |       | A        | 0.4 |
| 7 | <input type="checkbox"/> | 1.000 |            | 7085038.62 |       | A        | 1.2 |
| 8 | <input type="checkbox"/> | 1.000 |            | 6968155.48 |       | A        | 0.5 |
| 9 | <input type="checkbox"/> | 1.000 |            | 6994476.59 |       | A        | 1.3 |

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

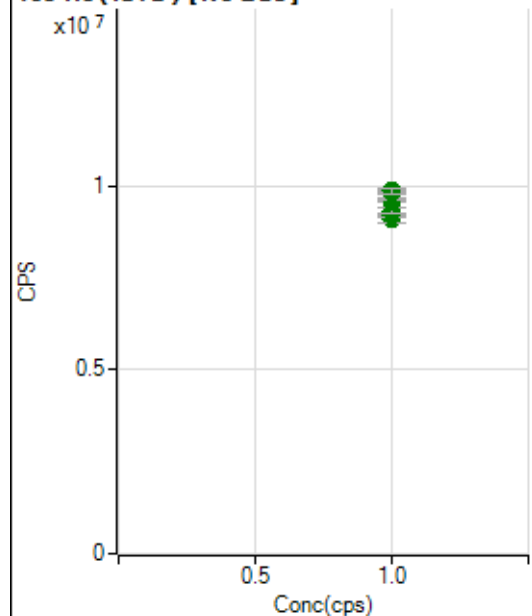
|   | Rj<br>ct                 | Conc. | Calc Conc. | CPS       | Ratio | Det<br>. | RSD |
|---|--------------------------|-------|------------|-----------|-------|----------|-----|
| 1 | <input type="checkbox"/> | 1.000 |            | 337890.95 |       | P        | 1.6 |
| 2 | <input type="checkbox"/> | 1.000 |            |           |       |          |     |
| 3 | <input type="checkbox"/> | 1.000 |            | 332093.85 |       | P        | 7.4 |
| 4 | <input type="checkbox"/> | 1.000 |            | 344191.07 |       | P        | 1.5 |
| 5 | <input type="checkbox"/> | 1.000 |            | 339612.96 |       | P        | 0.4 |
| 6 | <input type="checkbox"/> | 1.000 |            | 327472.82 |       | P        | 1.8 |
| 7 | <input type="checkbox"/> | 1.000 |            | 306761.58 |       | P        | 1.4 |
| 8 | <input type="checkbox"/> | 1.000 |            | 303289.06 |       | P        | 1.9 |
| 9 | <input type="checkbox"/> | 1.000 |            | 312222.55 |       | P        | 0.7 |

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

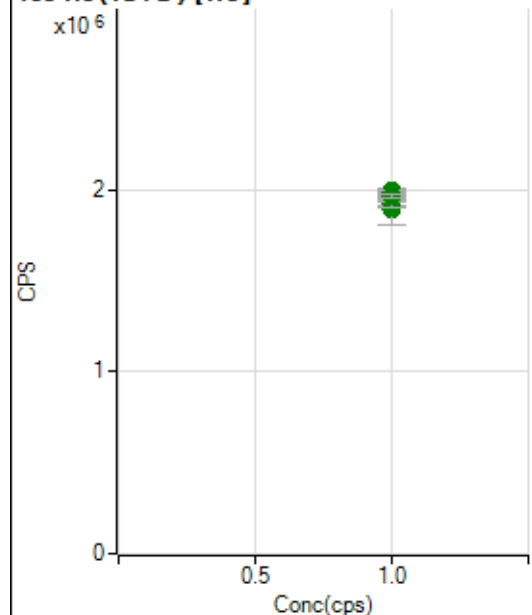
|   | Rj<br>ct                 | Conc. | Calc Conc. | CPS         | Ratio | Det<br>. | RSD |
|---|--------------------------|-------|------------|-------------|-------|----------|-----|
| 1 | <input type="checkbox"/> | 1.000 |            | 9550552.63  |       | A        | 1.1 |
| 2 | <input type="checkbox"/> | 1.000 |            |             |       |          |     |
| 3 | <input type="checkbox"/> | 1.000 |            | 9482774.37  |       | A        | 1.3 |
| 4 | <input type="checkbox"/> | 1.000 |            | 9626680.97  |       | A        | 1.1 |
| 5 | <input type="checkbox"/> | 1.000 |            | 9671875.20  |       | A        | 1.3 |
| 6 | <input type="checkbox"/> | 1.000 |            | 9884441.31  |       | A        | 0.4 |
| 7 | <input type="checkbox"/> | 1.000 |            | 9975340.20  |       | A        | 1.2 |
| 8 | <input type="checkbox"/> | 1.000 |            | 10106054.23 |       | A        | 0.4 |
| 9 | <input type="checkbox"/> | 1.000 |            | 10147116.73 |       | A        | 1.0 |

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

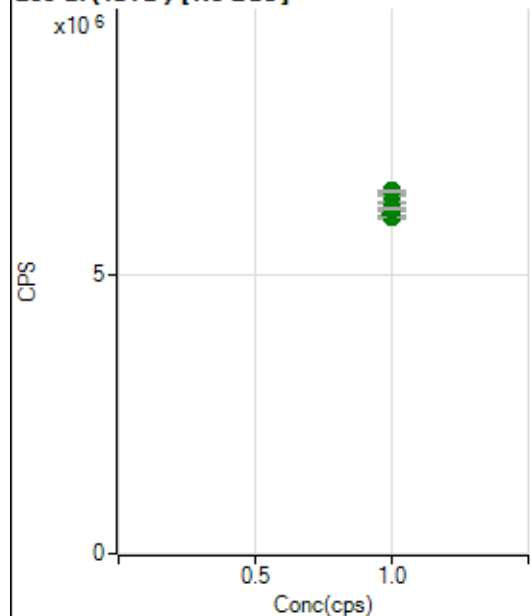
|   | Rj<br>ct                 | Conc. | Calc Conc. | CPS        | Ratio | Det<br>. | RSD |
|---|--------------------------|-------|------------|------------|-------|----------|-----|
| 1 | <input type="checkbox"/> | 1.000 |            | 1903668.86 |       | A        | 1.2 |
| 2 | <input type="checkbox"/> | 1.000 |            |            |       |          |     |
| 3 | <input type="checkbox"/> | 1.000 |            | 1855709.12 |       | A        | 7.9 |
| 4 | <input type="checkbox"/> | 1.000 |            | 1937831.03 |       | A        | 1.4 |
| 5 | <input type="checkbox"/> | 1.000 |            | 1924834.92 |       | A        | 0.5 |
| 6 | <input type="checkbox"/> | 1.000 |            | 1905113.48 |       | A        | 2.3 |
| 7 | <input type="checkbox"/> | 1.000 |            | 1849388.46 |       | A        | 1.9 |
| 8 | <input type="checkbox"/> | 1.000 |            | 1869417.47 |       | A        | 1.1 |
| 9 | <input type="checkbox"/> | 1.000 |            | 1917893.29 |       | A        | 1.0 |

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

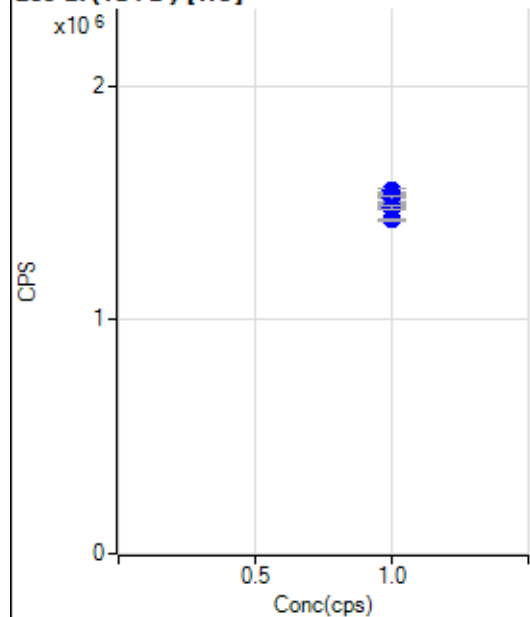
|   | Rj<br>ct                 | Conc. | Calc Conc. | CPS        | Ratio | Det<br>. | RSD |
|---|--------------------------|-------|------------|------------|-------|----------|-----|
| 1 | <input type="checkbox"/> | 1.000 |            | 9189719.56 |       | A        | 0.3 |
| 2 | <input type="checkbox"/> | 1.000 |            |            |       |          |     |
| 3 | <input type="checkbox"/> | 1.000 |            | 9104051.77 |       | A        | 2.0 |
| 4 | <input type="checkbox"/> | 1.000 |            | 9185448.30 |       | A        | 1.2 |
| 5 | <input type="checkbox"/> | 1.000 |            | 9320655.94 |       | A        | 1.8 |
| 6 | <input type="checkbox"/> | 1.000 |            | 9573074.26 |       | A        | 0.6 |
| 7 | <input type="checkbox"/> | 1.000 |            | 9652635.03 |       | A        | 0.6 |
| 8 | <input type="checkbox"/> | 1.000 |            | 9832546.23 |       | A        | 0.6 |
| 9 | <input type="checkbox"/> | 1.000 |            | 9857756.99 |       | A        | 1.8 |

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

|   | Rj<br>ct                 | Conc. | Calc Conc. | CPS        | Ratio | Det<br>. | RSD |
|---|--------------------------|-------|------------|------------|-------|----------|-----|
| 1 | <input type="checkbox"/> | 1.000 |            | 1960928.34 |       | A        | 1.4 |
| 2 | <input type="checkbox"/> | 1.000 |            |            |       |          |     |
| 3 | <input type="checkbox"/> | 1.000 |            | 1886041.69 |       | A        | 8.6 |
| 4 | <input type="checkbox"/> | 1.000 |            | 1993035.01 |       | A        | 1.1 |
| 5 | <input type="checkbox"/> | 1.000 |            | 1981558.25 |       | A        | 1.4 |
| 6 | <input type="checkbox"/> | 1.000 |            | 1951083.81 |       | A        | 1.4 |
| 7 | <input type="checkbox"/> | 1.000 |            | 1906735.60 |       | A        | 0.5 |
| 8 | <input type="checkbox"/> | 1.000 |            | 1917916.20 |       | A        | 1.4 |
| 9 | <input type="checkbox"/> | 1.000 |            | 1962223.01 |       | A        | 1.3 |

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

|   | Rj<br>ct                 | Conc. | Calc Conc. | CPS        | Ratio | Det<br>. | RSD |
|---|--------------------------|-------|------------|------------|-------|----------|-----|
| 1 | <input type="checkbox"/> | 1.000 |            | 6094071.37 |       | A        | 1.3 |
| 2 | <input type="checkbox"/> | 1.000 |            |            |       |          |     |
| 3 | <input type="checkbox"/> | 1.000 |            | 6025759.56 |       | A        | 1.4 |
| 4 | <input type="checkbox"/> | 1.000 |            | 6081507.48 |       | A        | 1.7 |
| 5 | <input type="checkbox"/> | 1.000 |            | 6162082.76 |       | A        | 1.0 |
| 6 | <input type="checkbox"/> | 1.000 |            | 6294032.69 |       | A        | 0.2 |
| 7 | <input type="checkbox"/> | 1.000 |            | 6420119.49 |       | A        | 0.7 |
| 8 | <input type="checkbox"/> | 1.000 |            | 6503310.67 |       | A        | 0.7 |
| 9 | <input type="checkbox"/> | 1.000 |            | 6199395.53 |       | A        | 0.6 |

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

|   | Rj<br>ct                 | Conc. | Calc Conc. | CPS        | Ratio | Det<br>. | RSD |
|---|--------------------------|-------|------------|------------|-------|----------|-----|
| 1 | <input type="checkbox"/> | 1.000 |            | 1507080.50 |       | P        | 1.4 |
| 2 | <input type="checkbox"/> | 1.000 |            |            |       |          |     |
| 3 | <input type="checkbox"/> | 1.000 |            | 1482482.02 |       | P        | 8.2 |
| 4 | <input type="checkbox"/> | 1.000 |            | 1550302.43 |       | P        | 0.9 |
| 5 | <input type="checkbox"/> | 1.000 |            | 1533701.45 |       | P        | 0.9 |
| 6 | <input type="checkbox"/> | 1.000 |            | 1518493.60 |       | P        | 1.6 |
| 7 | <input type="checkbox"/> | 1.000 |            | 1482037.48 |       | P        | 0.9 |
| 8 | <input type="checkbox"/> | 1.000 |            | 1476191.71 |       | P        | 1.1 |
| 9 | <input type="checkbox"/> | 1.000 |            | 1429121.59 |       | P        | 0.6 |

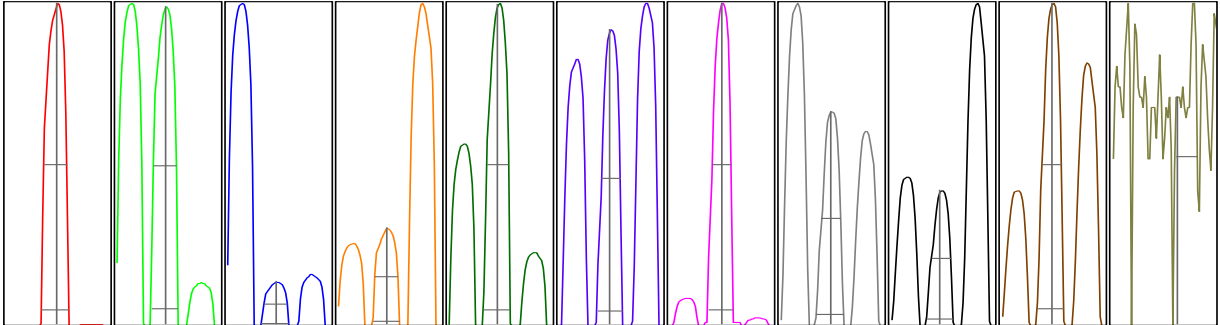
US EPA Tune Check Sample Report

Batch Folder D:\P8032218-MS.b  
Report Comment  
Instrument Name G8403A JP17141814

| [No Gas] |                 |                  |                    |                |
|----------|-----------------|------------------|--------------------|----------------|
| Mass     | Count<br>(Mean) | RSD%<br>(Actual) | RSD%<br>(Required) | RSD%<br>(Flag) |
| 9        | 4745            | 1.84             | 5.00               |                |
| 24       | 30115           | 1.31             | 5.00               |                |
| 25       | 4097            | 1.69             | 5.00               |                |
| 26       | 4775            | 1.30             | 5.00               |                |
| 59       | 50366           | 1.46             | 5.00               |                |
| 113      | 7516            | 1.79             | 5.00               |                |
| 115      | 96395           | 2.26             | 5.00               |                |
| 206      | 22998           | 1.92             | 5.00               |                |
| 207      | 20728           | 2.05             | 5.00               |                |
| 208      | 49413           | 1.95             | 5.00               |                |
| 220      | 1               | 17.89            |                    |                |

| Mass | Replicate 1<br>Count | Replicate 2<br>Count | Replicate 3<br>Count | Replicate 4<br>Count | Replicate 5<br>Count |
|------|----------------------|----------------------|----------------------|----------------------|----------------------|
| 9    | 4763                 | 4803                 | 4601                 | 4739                 | 4823                 |
| 24   | 30333                | 30253                | 29460                | 30063                | 30466                |
| 25   | 4125                 | 4119                 | 4001                 | 4060                 | 4182                 |
| 26   | 4810                 | 4817                 | 4678                 | 4748                 | 4824                 |
| 59   | 50672                | 50597                | 49208                | 50183                | 51170                |
| 113  | 7595                 | 7625                 | 7302                 | 7463                 | 7594                 |
| 115  | 97612                | 97954                | 93074                | 95267                | 98067                |
| 206  | 23109                | 23177                | 22332                | 22854                | 23516                |
| 207  | 20850                | 20895                | 20065                | 20624                | 21207                |
| 208  | 49531                | 49880                | 47884                | 49292                | 50477                |
| 220  | 1                    | 1                    | 1                    | 1                    | 1                    |

Integration Time [sec] = 0.1



| Mass | Peak<br>Height | Axis<br>(Actual) | Axis<br>(Required) | Axis<br>(Flag) | Width-X%<br>(Actual) | Width-X%<br>(Required) | Width-<br>X%<br>(Flag) |
|------|----------------|------------------|--------------------|----------------|----------------------|------------------------|------------------------|
| 9    | 7686           | 9.00             | 8.9 - 9.1          |                | 0.786                | 0.900                  |                        |
| 24   | 48780          | 23.95            | 23.9 - 24.1        |                | 0.785                | 0.900                  |                        |
| 25   | 6601           | 24.95            | 24.9 - 25.1        |                | 0.786                | 0.900                  |                        |
| 26   | 7784           | 25.95            | 25.9 - 26.1        |                | 0.766                | 0.900                  |                        |
| 59   | 85357          | 58.95            | 58.9 - 59.1        |                | 0.772                | 0.900                  |                        |
| 113  | 13910          | 113.00           | 112.9 - 113.1      |                | 0.732                | 0.900                  |                        |
| 115  | 175493         | 115.05           | 114.9 - 115.1      |                | 0.735                | 0.900                  |                        |
| 206  | 42239          | 206.00           | 205.9 - 206.1      |                | 0.782                | 0.900                  |                        |
| 207  | 38310          | 206.95           | 206.9 - 207.1      |                | 0.757                | 0.900                  |                        |
| 208  | 91547          | 208.00           | 207.9 - 208.1      |                | 0.758                | 0.900                  |                        |
| 220  | 1              | 220.40           | -                  |                |                      |                        |                        |

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

Tune Parameters

## Plasma Paramters ##

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

## Lenses Parameters ##

| ParameterName | Value  | Unit | ParameterName | Value | Unit | ParameterName | Value | Unit |
|---------------|--------|------|---------------|-------|------|---------------|-------|------|
| Extract 1     | 0.0    | V    | Omega Lens    | 9.0   | V    | Deflect       | 15.4  | V    |
| Extract 2     | -205.0 | V    | Cell Entrance | -30   | V    | Plate Bias    | -35   | V    |
| Omega Bias    | -90    | V    | Cell Exit     | -50   | V    |               |       |      |

## Cell Parameters ##

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

[He]

| Mass | Count<br>(Mean) | RSD%<br>(Actual) | RSD%<br>(Required) |
|------|-----------------|------------------|--------------------|
| 59   | 7661            | 2.67             |                    |
| 89   | 2250            | 2.95             |                    |
| 205  | 10327           | 2.66             |                    |

| Mass | Replicate 1<br>Count | Replicate 2<br>Count | Replicate 3<br>Count | Replicate 4<br>Count | Replicate 5<br>Count |
|------|----------------------|----------------------|----------------------|----------------------|----------------------|
| 59   | 7817                 | 7774                 | 7760                 | 7643                 | 7315                 |
| 89   | 2304                 | 2281                 | 2274                 | 2259                 | 2135                 |
| 205  | 10448                | 10458                | 10452                | 10440                | 9836                 |

Integration Time [sec] = 0.1

Tune Parameters

## Plasma Paramters ##

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

## Lenses Parameters ##

| ParameterName | Value  | Unit | ParameterName | Value | Unit | ParameterName | Value | Unit |
|---------------|--------|------|---------------|-------|------|---------------|-------|------|
| Extract 1     | 0.0    | V    | Omega Lens    | 9.0   | V    | Deflect       | 1.4   | V    |
| Extract 2     | -205.0 | V    | Cell Entrance | -40   | V    | Plate Bias    | -60   | V    |
| Omega Bias    | -90    | V    | Cell Exit     | -60   | V    |               |       |      |

## Cell Parameters ##

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

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB94089             | Operator :        | Jaswal    |
| Lab Sample ID :         | TUNE                | Instrumnet Name : | P8        |
| Client Sample ID :      | TUNE                | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2018-03-22 11:33:15 | DataFile Name :   | 001SMPL.d |

| Parameter  | Mass  | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|------------|-------|---------|---------|---------|------------|---------|-------|
| Aluminium  | 27-2  |         |         |         |            |         | ppb   |
| Antimony   | 121-1 |         |         |         |            |         | ppb   |
| Arsenic    | 75-2  |         |         |         |            |         | ppb   |
| Barium     | 135-1 |         |         |         |            |         | ppb   |
| Barium     | 137-1 |         |         |         |            |         | ppb   |
| Beryllium  | 9-1   |         |         |         |            |         | ppb   |
| Bismuth    | 209-1 |         |         |         | 99         |         | %     |
| Bismuth    | 209-2 |         |         |         | 104        |         | %     |
| Boron      | 10-1  |         |         |         |            |         | ppb   |
| Boron      | 11-1  |         |         |         |            |         | ppb   |
| Cadmium    | 111-1 |         |         |         |            |         | ppb   |
| Cadmium    | 106-1 |         |         |         |            |         | ppb   |
| Cadmium    | 108-1 |         |         |         |            |         | ppb   |
| Calcium    | 43-1  |         |         |         |            |         | ppb   |
| Calcium    | 44-1  |         |         |         |            |         | ppb   |
| Chromium   | 52-2  |         |         |         |            |         | ppb   |
| Cobalt     | 59-2  |         |         |         |            |         | ppb   |
| Copper     | 63-2  |         |         |         |            |         | ppb   |
| Dysprosium | 156-1 |         |         |         |            |         | cps   |
| Dysprosium | 156-2 |         |         |         |            |         | cps   |
| Erbium     | 164-1 |         |         |         |            |         | cps   |
| Erbium     | 164-2 |         |         |         |            |         | cps   |
| Gadolinium | 160-1 |         |         |         |            |         | cps   |
| Gadolinium | 160-2 |         |         |         |            |         | cps   |
| Holmium    | 165-1 |         |         |         | 98         |         | %     |
| Holmium    | 165-2 |         |         |         | 102        |         | %     |
| Indium     | 115-1 |         |         |         | 97         |         | %     |
| Indium     | 115-2 |         |         |         | 103        |         | %     |
| Iron       | 56-2  |         |         |         |            |         | ppb   |
| Iron       | 57-2  |         |         |         |            |         | ppb   |
| Lead       | 206-1 |         |         |         |            |         | ppb   |
| Lead       | 207-1 |         |         |         |            |         | ppb   |
| Lead       | 208-1 |         |         |         |            |         | ppb   |
| Lithium    | 6-1   |         |         |         | 97         |         | %     |
| Magnesium  | 24-2  |         |         |         |            |         | ppb   |
| Manganese  | 55-2  |         |         |         |            |         | ppb   |



|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB94089             | Operator :        | Jaswal    |
| Lab Sample ID :         | TUNE                | Instrumnet Name : | P8        |
| Client Sample ID :      | TUNE                | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2018-03-22 11:33:15 | DataFile Name :   | 001SMPL.d |

| Parameter  | Mass  | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|------------|-------|---------|---------|---------|------------|---------|-------|
| Molybdenum | 94-1  |         |         |         |            |         | ppb   |
| Molybdenum | 95-1  |         |         |         |            |         | ppb   |
| Molybdenum | 96-1  |         |         |         |            |         | ppb   |
| Molybdenum | 97-1  |         |         |         |            |         | ppb   |
| Molybdenum | 98-1  |         |         |         |            |         | ppb   |
| Neodymium  | 150-1 |         |         |         |            |         | cps   |
| Neodymium  | 150-2 |         |         |         |            |         | cps   |
| Nickel     | 60-2  |         |         |         |            |         | ppb   |
| Phosphorus | 31-2  |         |         |         |            |         | ppb   |
| Potassium  | 39-2  |         |         |         |            |         | ppb   |
| Rhodium    | 103-1 |         |         |         | 97         |         | %     |
| Rhodium    | 103-2 |         |         |         | 103        |         | %     |
| Scandium   | 45-1  |         |         |         | 96         |         | %     |
| Scandium   | 45-2  |         |         |         | 104        |         | %     |
| Selenium   | 77-2  |         |         |         |            |         | ppb   |
| Selenium   | 78-2  |         |         |         |            |         | ppb   |
| Selenium   | 82-1  |         |         |         |            |         | ppb   |
| Silicon    | 28-1  |         |         |         |            |         | ppb   |
| Silver     | 109-1 |         |         |         |            |         | ppb   |
| Silver     | 107-1 |         |         |         |            |         | ppb   |
| Sodium     | 23-2  |         |         |         |            |         | ppb   |
| Strontium  | 86-1  |         |         |         |            |         | ppb   |
| Strontium  | 88-1  |         |         |         |            |         | ppb   |
| Sulfur     | 34-1  |         |         |         |            |         | ppb   |
| Terbium    | 159-1 |         |         |         | 98         |         | %     |
| Terbium    | 159-2 |         |         |         | 103        |         | %     |
| Thallium   | 203-1 |         |         |         |            |         | ppb   |
| Thallium   | 205-1 |         |         |         |            |         | ppb   |
| Tin        | 118-1 |         |         |         |            |         | ppb   |
| Titanium   | 47-1  |         |         |         |            |         | ppb   |
| Uranium    | 238-1 |         |         |         |            |         | ppb   |
| Vanadium   | 51-2  |         |         |         |            |         | ppb   |
| Yttrium    | 89-1  |         |         |         | 98         |         | %     |
| Yttrium    | 89-2  |         |         |         | 103        |         | %     |
| Zinc       | 66-2  |         |         |         |            |         | ppb   |
| Zirconium  | 90-1  |         |         |         |            |         | ppb   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB94089             | Operator :        | Jaswal    |
| Lab Sample ID :         | TUNE                | Instrumnet Name : | P8        |
| Client Sample ID :      | TUNE                | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2018-03-22 11:33:15 | DataFile Name :   | 001SMPL.d |

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

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB94089             | Operator :        | Jaswal    |
| Lab Sample ID :         | S00                 | Instrumnet Name : | P8        |
| Client Sample ID :      | S00                 | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2018-03-22 12:01:34 | DataFile Name :   | 003CALB.d |

| Parameter  | Mass  | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|------------|-------|---------|---------|---------|------------|---------|-------|
| Aluminium  | 27-2  | -1.10   | 0.54    | 0.55    | 0.00       | N/A     | ppb   |
| Antimony   | 121-1 | -0.02   | 0.01    | 0.00    | 0.00       | N/A     | ppb   |
| Arsenic    | 75-2  | 0.02    | -0.01   | -0.01   | 0.00       | N/A     | ppb   |
| Barium     | 135-1 | -0.01   | 0.01    | 0.00    | 0.00       | N/A     | ppb   |
| Barium     | 137-1 | 0.00    | 0.00    | 0.00    | 0.00       | N/A     | ppb   |
| Beryllium  | 9-1   | -0.03   | -0.01   | 0.04    | 0.00       | N/A     | ppb   |
| Bismuth    | 209-1 |         |         |         | 100        |         | %     |
| Bismuth    | 209-2 |         |         |         | 100        |         | %     |
| Boron      | 10-1  | 0.29    | 0.24    | -0.53   | 0.00       | N/A     | ppb   |
| Boron      | 11-1  | 0.08    | -0.11   | 0.03    | 0.00       | N/A     | ppb   |
| Cadmium    | 111-1 | -0.01   | 0.02    | -0.01   | 0.00       | N/A     | ppb   |
| Cadmium    | 106-1 | 0.00    | 0.24    | -0.24   | 0.00       | N/A     | ppb   |
| Cadmium    | 108-1 | 0.13    | -0.06   | -0.06   | 0.00       | N/A     | ppb   |
| Calcium    | 43-1  | 6.82    | -0.20   | -6.62   | 0.00       | N/A     | ppb   |
| Calcium    | 44-1  | -1.21   | -0.91   | 2.12    | 0.00       | N/A     | ppb   |
| Chromium   | 52-2  | 0.05    | -0.03   | -0.02   | 0.00       | N/A     | ppb   |
| Cobalt     | 59-2  | 0.00    | 0.00    | 0.00    | 0.00       | N/A     | ppb   |
| Copper     | 63-2  | -0.01   | 0.01    | -0.01   | 0.00       | N/A     | ppb   |
| Dysprosium | 156-1 |         |         |         |            |         | cps   |
| Dysprosium | 156-2 |         |         |         |            |         | cps   |
| Erbium     | 164-1 |         |         |         |            |         | cps   |
| Erbium     | 164-2 |         |         |         |            |         | cps   |
| Gadolinium | 160-1 |         |         |         |            |         | cps   |
| Gadolinium | 160-2 |         |         |         |            |         | cps   |
| Holmium    | 165-1 |         |         |         | 100        |         | %     |
| Holmium    | 165-2 |         |         |         | 100        |         | %     |
| Indium     | 115-1 |         |         |         | 100        |         | %     |
| Indium     | 115-2 |         |         |         | 100        |         | %     |
| Iron       | 56-2  | -0.02   | -0.04   | 0.05    | 0.00       | N/A     | ppb   |
| Iron       | 57-2  | 0.47    | -0.50   | 0.03    | 0.00       | N/A     | ppb   |
| Lead       | 206-1 | 0.00    | -0.01   | 0.01    | 0.00       | N/A     | ppb   |
| Lead       | 207-1 | 0.01    | 0.00    | 0.00    | 0.00       | N/A     | ppb   |
| Lead       | 208-1 | 0.00    | -0.01   | 0.00    | 0.00       | N/A     | ppb   |
| Lithium    | 6-1   |         |         |         | 100        |         | %     |
| Magnesium  | 24-2  | 1.02    | 0.35    | -1.38   | 0.00       | N/A     | ppb   |
| Manganese  | 55-2  | 0.02    | -0.02   | 0.00    | 0.00       | N/A     | ppb   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB94089             | Operator :        | Jaswal    |
| Lab Sample ID :         | S00                 | Instrumnet Name : | P8        |
| Client Sample ID :      | S00                 | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2018-03-22 12:01:34 | DataFile Name :   | 003CALB.d |

| Parameter  | Mass  | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|------------|-------|---------|---------|---------|------------|---------|-------|
| Molybdenum | 94-1  | -0.01   | 0.00    | 0.01    | 0.00       | N/A     | ppb   |
| Molybdenum | 95-1  | 0.00    | -0.01   | 0.01    | 0.00       | N/A     | ppb   |
| Molybdenum | 96-1  | 0.00    | 0.00    | 0.00    | 0.00       | N/A     | ppb   |
| Molybdenum | 97-1  | 0.00    | 0.00    | 0.00    | 0.00       | N/A     | ppb   |
| Molybdenum | 98-1  | -0.01   | 0.00    | 0.01    | 0.00       | N/A     | ppb   |
| Neodymium  | 150-1 |         |         |         |            |         | cps   |
| Neodymium  | 150-2 |         |         |         |            |         | cps   |
| Nickel     | 60-2  | 0.04    | -0.05   | 0.02    | 0.00       | N/A     | ppb   |
| Phosphorus | 31-2  | 22.88   | -24.84  | -24.84  | -8.93      |         | ppb   |
| Potassium  | 39-2  | 10.04   | 9.98    | -20.02  | 0.00       | N/A     | ppb   |
| Rhodium    | 103-1 |         |         |         | 100        |         | %     |
| Rhodium    | 103-2 |         |         |         | 100        |         | %     |
| Scandium   | 45-1  |         |         |         | 100        |         | %     |
| Scandium   | 45-2  |         |         |         | 100        |         | %     |
| Selenium   | 77-2  | -2.29   | 4.57    | -2.29   | 0.00       | N/A     | ppb   |
| Selenium   | 78-2  | 0.68    | -0.35   | -0.33   | 0.00       | N/A     | ppb   |
| Selenium   | 82-1  | 0.04    | -0.15   | 0.11    | 0.00       | N/A     | ppb   |
| Silicon    | 28-1  | 4.10    | -4.00   | -0.10   | 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  | -2.00   | 2.01    | -0.01   | 0.00       | N/A     | ppb   |
| Strontium  | 86-1  | -0.02   | 0.00    | 0.02    | 0.00       | N/A     | ppb   |
| Strontium  | 88-1  | 0.00    | 0.00    | 0.00    | 0.00       | N/A     | ppb   |
| Sulfur     | 34-1  | 169.85  | -352.49 | -389.06 | -190.57    |         | ppb   |
| Terbium    | 159-1 |         |         |         | 100        |         | %     |
| Terbium    | 159-2 |         |         |         | 100        |         | %     |
| Thallium   | 203-1 | 0.00    | -0.01   | 0.00    | 0.00       | N/A     | ppb   |
| Thallium   | 205-1 | 0.00    | 0.00    | 0.00    | 0.00       | N/A     | ppb   |
| Tin        | 118-1 | -0.01   | 0.01    | 0.00    | 0.00       | N/A     | ppb   |
| Titanium   | 47-1  | -0.04   | 0.06    | -0.03   | 0.00       | N/A     | ppb   |
| Uranium    | 238-1 | 0.00    | 0.00    | 0.00    | 0.00       | N/A     | ppb   |
| Vanadium   | 51-2  | 0.00    | 0.00    | 0.00    | 0.00       | N/A     | ppb   |
| Yttrium    | 89-1  |         |         |         | 100        |         | %     |
| Yttrium    | 89-2  |         |         |         | 100        |         | %     |
| Zinc       | 66-2  | -0.01   | 0.14    | -0.12   | 0.00       | N/A     | ppb   |
| Zirconium  | 90-1  | 0.00    | 0.00    | 0.00    | 0.00       | N/A     | ppb   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB94089             | Operator :        | Jaswal    |
| Lab Sample ID :         | S00                 | Instrumnet Name : | P8        |
| Client Sample ID :      | S00                 | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2018-03-22 12:01:34 | DataFile Name :   | 003CALB.d |

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

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB94089             | Operator :        | Jaswal    |
| Lab Sample ID :         | S02                 | Instrumnet Name : | P8        |
| Client Sample ID :      | S02                 | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2018-03-22 12:09:04 | DataFile Name :   | 005CALS.d |

| Parameter  | Mass  | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|------------|-------|---------|---------|---------|------------|---------|-------|
| Aluminium  | 27-2  | 18.73   | 14.61   | 11.25   | 14.86      | 25.21   | ppb   |
| Antimony   | 121-1 | 1.94    | 1.90    | 1.88    | 1.91       | 1.51    | ppb   |
| Arsenic    | 75-2  | 0.75    | 0.99    | 1.07    | 0.93       | 17.63   | ppb   |
| Barium     | 135-1 | 9.63    | 9.29    | 9.45    | 9.46       | 1.77    | ppb   |
| Barium     | 137-1 | 9.56    | 10.09   | 9.95    | 9.87       | 2.76    | ppb   |
| Beryllium  | 9-1   | 0.85    | 1.07    | 1.09    | 1.00       | 12.89   | ppb   |
| Bismuth    | 209-1 |         |         |         | 99         |         | %     |
| Bismuth    | 209-2 |         |         |         | 98         |         | %     |
| Boron      | 10-1  | 21.79   | 18.89   | 21.67   | 20.78      | 7.90    | ppb   |
| Boron      | 11-1  | 22.22   | 23.84   | 22.48   | 22.84      | 3.80    | ppb   |
| Cadmium    | 111-1 | 0.95    | 0.76    | 1.00    | 0.91       | 13.86   | ppb   |
| Cadmium    | 106-1 | 0.83    | -0.46   | 0.99    | 0.45       | 176.23  | ppb   |
| Cadmium    | 108-1 | 1.02    | 0.94    | 1.05    | 1.01       | 5.59    | ppb   |
| Calcium    | 43-1  | 426.21  | 460.52  | 462.68  | 449.80     | 4.55    | ppb   |
| Calcium    | 44-1  | 435.32  | 435.65  | 450.01  | 440.33     | 1.90    | ppb   |
| Chromium   | 52-2  | 2.34    | 1.96    | 1.83    | 2.04       | 12.92   | ppb   |
| Cobalt     | 59-2  | 0.93    | 0.91    | 0.87    | 0.90       | 3.12    | ppb   |
| Copper     | 63-2  | 2.11    | 1.64    | 1.80    | 1.85       | 12.88   | ppb   |
| Dysprosium | 156-1 |         |         |         |            |         | cps   |
| Dysprosium | 156-2 |         |         |         |            |         | cps   |
| Erbium     | 164-1 |         |         |         |            |         | cps   |
| Erbium     | 164-2 |         |         |         |            |         | cps   |
| Gadolinium | 160-1 |         |         |         |            |         | cps   |
| Gadolinium | 160-2 |         |         |         |            |         | cps   |
| Holmium    | 165-1 |         |         |         | 99         |         | %     |
| Holmium    | 165-2 |         |         |         | 96         |         | %     |
| Indium     | 115-1 |         |         |         | 99         |         | %     |
| Indium     | 115-2 |         |         |         | 98         |         | %     |
| Iron       | 56-2  | 51.22   | 44.77   | 44.33   | 46.78      | 8.25    | ppb   |
| Iron       | 57-2  | 64.71   | 41.48   | 38.75   | 48.31      | 29.52   | ppb   |
| Lead       | 206-1 | 0.88    | 0.90    | 0.98    | 0.92       | 5.58    | ppb   |
| Lead       | 207-1 | 0.89    | 0.95    | 0.95    | 0.93       | 3.65    | ppb   |
| Lead       | 208-1 | 0.88    | 0.92    | 0.96    | 0.92       | 4.22    | ppb   |
| Lithium    | 6-1   |         |         |         | 98         |         | %     |
| Magnesium  | 24-2  | 521.30  | 452.67  | 450.06  | 474.68     | 8.51    | ppb   |
| Manganese  | 55-2  | 1.19    | 0.99    | 0.90    | 1.03       | 14.26   | ppb   |

|                         |                     |                   |            |
|-------------------------|---------------------|-------------------|------------|
| LB Number :             | LB94089             | Operator :        | Jaswal     |
| Lab Sample ID :         | S02                 | Instrumnet Name : | P8         |
| Client Sample ID :      | S02                 | Dilution Factor : | 1          |
| Date & Time Acquired :: | 2018-03-22 12:09:04 | DataFile Name :   | 005CAL.S.d |

| Parameter  | Mass  | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|------------|-------|---------|---------|---------|------------|---------|-------|
| Molybdenum | 94-1  | 4.56    | 4.47    | 4.60    | 4.54       | 1.43    | ppb   |
| Molybdenum | 95-1  | 4.54    | 4.60    | 4.56    | 4.57       | 0.74    | ppb   |
| Molybdenum | 96-1  | 4.36    | 4.54    | 4.57    | 4.49       | 2.55    | ppb   |
| Molybdenum | 97-1  | 4.57    | 4.78    | 4.50    | 4.62       | 3.08    | ppb   |
| Molybdenum | 98-1  | 4.51    | 4.61    | 4.57    | 4.56       | 1.11    | ppb   |
| Neodymium  | 150-1 |         |         |         |            |         | cps   |
| Neodymium  | 150-2 |         |         |         |            |         | cps   |
| Nickel     | 60-2  | 1.29    | 1.24    | 0.96    | 1.17       | 15.51   | ppb   |
| Phosphorus | 31-2  | 29.74   | -24.84  | 21.89   | 8.93       | 330.38  | ppb   |
| Potassium  | 39-2  | 523.00  | 466.54  | 402.72  | 464.09     | 12.97   | ppb   |
| Rhodium    | 103-1 |         |         |         | 99         |         | %     |
| Rhodium    | 103-2 |         |         |         | 97         |         | %     |
| Scandium   | 45-1  |         |         |         | 99         |         | %     |
| Scandium   | 45-2  |         |         |         | 99         |         | %     |
| Selenium   | 77-2  | 5.31    | 17.81   | 10.89   | 11.34      | 55.23   | ppb   |
| Selenium   | 78-2  | 4.47    | 2.74    | 1.65    | 2.95       | 48.17   | ppb   |
| Selenium   | 82-1  | 4.83    | 4.40    | 3.98    | 4.40       | 9.71    | ppb   |
| Silicon    | 28-1  | 17.57   | 20.26   | 20.32   | 19.39      | 8.11    | ppb   |
| Silver     | 109-1 | 0.91    | 0.99    | 0.98    | 0.96       | 4.44    | ppb   |
| Silver     | 107-1 | 1.01    | 1.05    | 1.08    | 1.04       | 3.42    | ppb   |
| Sodium     | 23-2  | 528.65  | 438.86  | 427.50  | 465.00     | 11.92   | ppb   |
| Strontium  | 86-1  | 0.86    | 0.87    | 0.85    | 0.86       | 1.43    | ppb   |
| Strontium  | 88-1  | 0.93    | 0.92    | 0.97    | 0.94       | 2.95    | ppb   |
| Sulfur     | 34-1  | 101.82  | 192.27  | 277.60  | 190.57     | 46.13   | ppb   |
| Terbium    | 159-1 |         |         |         | 99         |         | %     |
| Terbium    | 159-2 |         |         |         | 97         |         | %     |
| Thallium   | 203-1 | 0.97    | 1.01    | 0.91    | 0.96       | 5.22    | ppb   |
| Thallium   | 205-1 | 0.94    | 0.92    | 0.95    | 0.94       | 1.52    | ppb   |
| Tin        | 118-1 | 4.69    | 4.78    | 4.78    | 4.75       | 1.05    | ppb   |
| Titanium   | 47-1  | 4.37    | 4.88    | 4.84    | 4.70       | 6.06    | ppb   |
| Uranium    | 238-1 | 0.84    | 0.89    | 0.88    | 0.87       | 2.90    | ppb   |
| Vanadium   | 51-2  | 5.20    | 4.20    | 4.33    | 4.58       | 11.98   | ppb   |
| Yttrium    | 89-1  |         |         |         | 98         |         | %     |
| Yttrium    | 89-2  |         |         |         | 99         |         | %     |
| Zinc       | 66-2  | 1.87    | 1.99    | 1.79    | 1.89       | 5.19    | ppb   |
| Zirconium  | 90-1  | 0.94    | 0.93    | 0.94    | 0.93       | 0.83    | ppb   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB94089             | Operator :        | Jaswal    |
| Lab Sample ID :         | S02                 | Instrumnet Name : | P8        |
| Client Sample ID :      | S02                 | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2018-03-22 12:09:04 | DataFile Name :   | 005CALS.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|-----------|------|---------|---------|---------|------------|---------|-------|
| Zirconium | 91-1 | 0.85    | 1.03    | 0.85    | 0.91       | 11.78   | ppb   |



|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB94089             | Operator :        | Jaswal    |
| Lab Sample ID :         | S03                 | Instrumnet Name : | P8        |
| Client Sample ID :      | S03                 | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2018-03-22 12:12:47 | DataFile Name :   | 006CALS.d |

| Parameter  | Mass  | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|------------|-------|---------|---------|---------|------------|---------|-------|
| Aluminium  | 27-2  | 1011.52 | 1024.00 | 1016.07 | 1017.20    | 0.62    | ppb   |
| Antimony   | 121-1 | 49.91   | 50.93   | 49.90   | 50.25      | 1.17    | ppb   |
| Arsenic    | 75-2  | 49.19   | 50.53   | 50.77   | 50.16      | 1.69    | ppb   |
| Barium     | 135-1 | 255.30  | 263.86  | 253.92  | 257.69     | 2.09    | ppb   |
| Barium     | 137-1 | 258.55  | 261.72  | 256.10  | 258.79     | 1.09    | ppb   |
| Beryllium  | 9-1   | 52.66   | 53.66   | 51.26   | 52.53      | 2.29    | ppb   |
| Bismuth    | 209-1 |         |         |         | 100        |         | %     |
| Bismuth    | 209-2 |         |         |         | 103        |         | %     |
| Boron      | 10-1  | 52.32   | 52.29   | 50.60   | 51.74      | 1.90    | ppb   |
| Boron      | 11-1  | 49.44   | 53.04   | 48.12   | 50.20      | 5.07    | ppb   |
| Cadmium    | 111-1 | 52.35   | 53.48   | 52.07   | 52.63      | 1.42    | ppb   |
| Cadmium    | 106-1 | 53.60   | 53.13   | 53.86   | 53.53      | 0.70    | ppb   |
| Cadmium    | 108-1 | 56.88   | 57.13   | 56.02   | 56.68      | 1.03    | ppb   |
| Calcium    | 43-1  | 4874.17 | 5016.03 | 4844.04 | 4911.41    | 1.87    | ppb   |
| Calcium    | 44-1  | 4853.54 | 5021.29 | 4816.37 | 4897.06    | 2.23    | ppb   |
| Chromium   | 52-2  | 52.54   | 51.72   | 53.27   | 52.51      | 1.48    | ppb   |
| Cobalt     | 59-2  | 48.76   | 47.95   | 49.60   | 48.77      | 1.69    | ppb   |
| Copper     | 63-2  | 97.13   | 94.75   | 98.29   | 96.72      | 1.87    | 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 |         |         |         | 100        |         | %     |
| Holmium    | 165-2 |         |         |         | 102        |         | %     |
| Indium     | 115-1 |         |         |         | 99         |         | %     |
| Indium     | 115-2 |         |         |         | 102        |         | %     |
| Iron       | 56-2  | 2427.18 | 2401.15 | 2464.20 | 2430.84    | 1.30    | ppb   |
| Iron       | 57-2  | 2426.01 | 2418.68 | 2451.85 | 2432.18    | 0.72    | ppb   |
| Lead       | 206-1 | 48.22   | 50.23   | 47.86   | 48.77      | 2.61    | ppb   |
| Lead       | 207-1 | 47.38   | 49.45   | 47.54   | 48.12      | 2.40    | ppb   |
| Lead       | 208-1 | 48.22   | 49.76   | 47.87   | 48.62      | 2.07    | ppb   |
| Lithium    | 6-1   |         |         |         | 99         |         | %     |
| Magnesium  | 24-2  | 5014.51 | 4977.26 | 5064.56 | 5018.78    | 0.87    | ppb   |
| Manganese  | 55-2  | 98.82   | 94.97   | 98.49   | 97.43      | 2.19    | ppb   |

|                         |                     |                   |            |
|-------------------------|---------------------|-------------------|------------|
| LB Number :             | LB94089             | Operator :        | Jaswal     |
| Lab Sample ID :         | S03                 | Instrumnet Name : | P8         |
| Client Sample ID :      | S03                 | Dilution Factor : | 1          |
| Date & Time Acquired :: | 2018-03-22 12:12:47 | DataFile Name :   | 006CAL.S.d |

| Parameter  | Mass  | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|------------|-------|---------|---------|---------|------------|---------|-------|
| Molybdenum | 94-1  | 243.10  | 249.41  | 239.19  | 243.90     | 2.11    | ppb   |
| Molybdenum | 95-1  | 241.06  | 247.31  | 239.59  | 242.65     | 1.69    | ppb   |
| Molybdenum | 96-1  | 244.31  | 249.79  | 238.20  | 244.10     | 2.37    | ppb   |
| Molybdenum | 97-1  | 243.33  | 252.93  | 239.52  | 245.26     | 2.82    | ppb   |
| Molybdenum | 98-1  | 244.16  | 251.85  | 242.54  | 246.18     | 2.02    | ppb   |
| Neodymium  | 150-1 |         |         |         |            |         | cps   |
| Neodymium  | 150-2 |         |         |         |            |         | cps   |
| Nickel     | 60-2  | 51.65   | 52.60   | 51.66   | 51.97      | 1.05    | ppb   |
| Phosphorus | 31-2  | 1180.16 | 919.84  | 1043.69 | 1047.90    | 12.43   | ppb   |
| Potassium  | 39-2  | 2408.86 | 2385.67 | 2547.97 | 2447.50    | 3.59    | ppb   |
| Rhodium    | 103-1 |         |         |         | 99         |         | %     |
| Rhodium    | 103-2 |         |         |         | 100        |         | %     |
| Scandium   | 45-1  |         |         |         | 100        |         | %     |
| Scandium   | 45-2  |         |         |         | 102        |         | %     |
| Selenium   | 77-2  | 17.83   | 51.34   | 72.25   | 47.14      | 58.24   | ppb   |
| Selenium   | 78-2  | 53.52   | 60.75   | 50.95   | 55.07      | 9.22    | ppb   |
| Selenium   | 82-1  | 50.44   | 53.85   | 49.32   | 51.20      | 4.60    | ppb   |
| Silicon    | 28-1  | 74.61   | 80.93   | 74.58   | 76.71      | 4.77    | ppb   |
| Silver     | 109-1 | 53.07   | 53.56   | 52.25   | 52.96      | 1.25    | ppb   |
| Silver     | 107-1 | 52.59   | 54.15   | 52.30   | 53.01      | 1.88    | ppb   |
| Sodium     | 23-2  | 4933.86 | 4832.77 | 4913.30 | 4893.31    | 1.09    | ppb   |
| Strontium  | 86-1  | 48.52   | 50.81   | 49.72   | 49.68      | 2.31    | ppb   |
| Strontium  | 88-1  | 49.53   | 50.90   | 48.93   | 49.79      | 2.03    | ppb   |
| Sulfur     | 34-1  | 2224.47 | 2716.10 | 2222.11 | 2387.56    | 11.92   | ppb   |
| Terbium    | 159-1 |         |         |         | 101        |         | %     |
| Terbium    | 159-2 |         |         |         | 102        |         | %     |
| Thallium   | 203-1 | 48.05   | 49.72   | 47.38   | 48.38      | 2.49    | ppb   |
| Thallium   | 205-1 | 49.00   | 50.65   | 48.70   | 49.45      | 2.12    | ppb   |
| Tin        | 118-1 | 51.48   | 52.12   | 50.18   | 51.26      | 1.93    | ppb   |
| Titanium   | 47-1  | 241.67  | 251.46  | 240.93  | 244.69     | 2.40    | ppb   |
| Uranium    | 238-1 | 46.53   | 48.14   | 46.41   | 47.03      | 2.06    | ppb   |
| Vanadium   | 51-2  | 48.16   | 47.78   | 49.00   | 48.31      | 1.30    | ppb   |
| Yttrium    | 89-1  |         |         |         | 99         |         | %     |
| Yttrium    | 89-2  |         |         |         | 102        |         | %     |
| Zinc       | 66-2  | 96.67   | 94.36   | 98.50   | 96.51      | 2.15    | ppb   |
| Zirconium  | 90-1  | 49.13   | 50.36   | 48.12   | 49.21      | 2.28    | ppb   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB94089             | Operator :        | Jaswal    |
| Lab Sample ID :         | S03                 | Instrumnet Name : | P8        |
| Client Sample ID :      | S03                 | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2018-03-22 12:12:47 | DataFile Name :   | 006CALS.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|-----------|------|---------|---------|---------|------------|---------|-------|
| Zirconium | 91-1 | 47.23   | 49.51   | 48.31   | 48.35      | 2.36    | ppb   |

|                         |                     |                   |            |
|-------------------------|---------------------|-------------------|------------|
| LB Number :             | LB94089             | Operator :        | Jaswal     |
| Lab Sample ID :         | S04                 | Instrumnet Name : | P8         |
| Client Sample ID :      | S04                 | Dilution Factor : | 1          |
| Date & Time Acquired :: | 2018-03-22 12:16:31 | DataFile Name :   | 007CAL.S.d |

| Parameter  | Mass  | ConRep1  | ConRep2  | ConRep3  | Avg. Conc. | ConcRSD | Units |
|------------|-------|----------|----------|----------|------------|---------|-------|
| Aluminium  | 27-2  | 2388.88  | 2420.55  | 2547.40  | 2452.27    | 3.42    | ppb   |
| Antimony   | 121-1 | 128.11   | 131.39   | 126.58   | 128.70     | 1.91    | ppb   |
| Arsenic    | 75-2  | 126.57   | 122.68   | 126.61   | 125.29     | 1.80    | ppb   |
| Barium     | 135-1 | 639.30   | 649.94   | 637.53   | 642.26     | 1.05    | ppb   |
| Barium     | 137-1 | 645.34   | 654.13   | 642.94   | 647.47     | 0.91    | ppb   |
| Beryllium  | 9-1   | 130.91   | 133.37   | 126.36   | 130.21     | 2.73    | ppb   |
| Bismuth    | 209-1 |          |          |          | 101        |         | %     |
| Bismuth    | 209-2 |          |          |          | 102        |         | %     |
| Boron      | 10-1  | 119.87   | 134.15   | 123.62   | 125.88     | 5.88    | ppb   |
| Boron      | 11-1  | 121.44   | 127.14   | 125.89   | 124.82     | 2.40    | ppb   |
| Cadmium    | 111-1 | 132.57   | 134.86   | 130.60   | 132.68     | 1.61    | ppb   |
| Cadmium    | 106-1 | 131.23   | 135.95   | 131.12   | 132.77     | 2.07    | ppb   |
| Cadmium    | 108-1 | 131.66   | 136.42   | 131.68   | 133.25     | 2.06    | ppb   |
| Calcium    | 43-1  | 12177.15 | 12202.39 | 12163.35 | 12180.97   | 0.16    | ppb   |
| Calcium    | 44-1  | 12187.14 | 12451.81 | 12117.78 | 12252.24   | 1.44    | ppb   |
| Chromium   | 52-2  | 123.10   | 123.78   | 124.97   | 123.95     | 0.77    | ppb   |
| Cobalt     | 59-2  | 121.04   | 122.46   | 122.58   | 122.03     | 0.70    | ppb   |
| Copper     | 63-2  | 244.08   | 242.67   | 246.33   | 244.36     | 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 |          |          |          | 101        |         | %     |
| Holmium    | 165-2 |          |          |          | 101        |         | %     |
| Indium     | 115-1 |          |          |          | 100        |         | %     |
| Indium     | 115-2 |          |          |          | 101        |         | %     |
| Iron       | 56-2  | 6184.28  | 6249.93  | 6283.28  | 6239.17    | 0.81    | ppb   |
| Iron       | 57-2  | 6088.43  | 6028.56  | 6178.30  | 6098.43    | 1.24    | ppb   |
| Lead       | 206-1 | 123.03   | 124.56   | 121.66   | 123.08     | 1.18    | ppb   |
| Lead       | 207-1 | 121.97   | 123.43   | 121.13   | 122.18     | 0.95    | ppb   |
| Lead       | 208-1 | 123.34   | 125.03   | 122.08   | 123.48     | 1.20    | ppb   |
| Lithium    | 6-1   |          |          |          | 102        |         | %     |
| Magnesium  | 24-2  | 12623.89 | 12586.88 | 12520.60 | 12577.12   | 0.42    | ppb   |
| Manganese  | 55-2  | 250.29   | 245.10   | 247.18   | 247.53     | 1.05    | ppb   |

|                         |                     |                   |            |
|-------------------------|---------------------|-------------------|------------|
| LB Number :             | LB94089             | Operator :        | Jaswal     |
| Lab Sample ID :         | S04                 | Instrumnet Name : | P8         |
| Client Sample ID :      | S04                 | Dilution Factor : | 1          |
| Date & Time Acquired :: | 2018-03-22 12:16:31 | DataFile Name :   | 007CAL.S.d |

| Parameter  | Mass  | ConRep1  | ConRep2  | ConRep3  | Avg. Conc. | ConcRSD | Units |
|------------|-------|----------|----------|----------|------------|---------|-------|
| Molybdenum | 94-1  | 620.90   | 630.36   | 611.58   | 620.95     | 1.51    | ppb   |
| Molybdenum | 95-1  | 633.79   | 651.10   | 622.23   | 635.71     | 2.29    | ppb   |
| Molybdenum | 96-1  | 633.46   | 643.00   | 620.99   | 632.49     | 1.75    | ppb   |
| Molybdenum | 97-1  | 622.44   | 633.61   | 613.58   | 623.21     | 1.61    | ppb   |
| Molybdenum | 98-1  | 630.65   | 637.55   | 619.35   | 629.18     | 1.46    | ppb   |
| Neodymium  | 150-1 |          |          |          |            |         | cps   |
| Neodymium  | 150-2 |          |          |          |            |         | cps   |
| Nickel     | 60-2  | 123.82   | 126.18   | 124.86   | 124.96     | 0.95    | ppb   |
| Phosphorus | 31-2  | 2729.18  | 2540.45  | 2433.13  | 2567.59    | 5.84    | ppb   |
| Potassium  | 39-2  | 6302.03  | 6114.94  | 6337.22  | 6251.40    | 1.91    | ppb   |
| Rhodium    | 103-1 |          |          |          | 98         |         | %     |
| Rhodium    | 103-2 |          |          |          | 99         |         | %     |
| Scandium   | 45-1  |          |          |          | 100        |         | %     |
| Scandium   | 45-2  |          |          |          | 100        |         | %     |
| Selenium   | 77-2  | 134.24   | 84.83    | 93.66    | 104.24     | 25.28   | ppb   |
| Selenium   | 78-2  | 144.17   | 136.34   | 134.15   | 138.22     | 3.81    | ppb   |
| Selenium   | 82-1  | 129.29   | 131.75   | 126.81   | 129.28     | 1.91    | ppb   |
| Silicon    | 28-1  | 162.09   | 169.67   | 162.06   | 164.60     | 2.66    | ppb   |
| Silver     | 109-1 | 133.28   | 134.64   | 131.62   | 133.18     | 1.14    | ppb   |
| Silver     | 107-1 | 134.77   | 135.20   | 131.05   | 133.67     | 1.71    | ppb   |
| Sodium     | 23-2  | 12387.86 | 12323.39 | 12347.02 | 12352.76   | 0.26    | ppb   |
| Strontium  | 86-1  | 122.78   | 124.98   | 123.12   | 123.63     | 0.96    | ppb   |
| Strontium  | 88-1  | 127.21   | 127.32   | 125.73   | 126.75     | 0.70    | ppb   |
| Sulfur     | 34-1  | 2598.93  | 2875.81  | 2345.76  | 2606.84    | 10.17   | ppb   |
| Terbium    | 159-1 |          |          |          | 101        |         | %     |
| Terbium    | 159-2 |          |          |          | 101        |         | %     |
| Thallium   | 203-1 | 121.67   | 123.76   | 122.53   | 122.65     | 0.86    | ppb   |
| Thallium   | 205-1 | 124.66   | 125.94   | 123.98   | 124.86     | 0.80    | ppb   |
| Tin        | 118-1 | 127.87   | 130.45   | 128.01   | 128.78     | 1.12    | ppb   |
| Titanium   | 47-1  | 624.74   | 629.73   | 615.19   | 623.22     | 1.19    | ppb   |
| Uranium    | 238-1 | 120.70   | 125.25   | 120.70   | 122.22     | 2.15    | ppb   |
| Vanadium   | 51-2  | 121.40   | 122.44   | 123.62   | 122.49     | 0.91    | ppb   |
| Yttrium    | 89-1  |          |          |          | 99         |         | %     |
| Yttrium    | 89-2  |          |          |          | 101        |         | %     |
| Zinc       | 66-2  | 242.45   | 243.85   | 242.71   | 243.00     | 0.31    | ppb   |
| Zirconium  | 90-1  | 124.37   | 126.29   | 123.16   | 124.61     | 1.26    | ppb   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB94089             | Operator :        | Jaswal    |
| Lab Sample ID :         | S04                 | Instrumnet Name : | P8        |
| Client Sample ID :      | S04                 | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2018-03-22 12:16:31 | DataFile Name :   | 007CALS.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|-----------|------|---------|---------|---------|------------|---------|-------|
| Zirconium | 91-1 | 123.46  | 123.62  | 122.39  | 123.16     | 0.54    | ppb   |

|                         |                     |                   |            |
|-------------------------|---------------------|-------------------|------------|
| LB Number :             | LB94089             | Operator :        | Jaswal     |
| Lab Sample ID :         | S05                 | Instrumnet Name : | P8         |
| Client Sample ID :      | S05                 | Dilution Factor : | 1          |
| Date & Time Acquired :: | 2018-03-22 12:20:11 | DataFile Name :   | 008CAL.S.d |

| Parameter  | Mass  | ConRep1  | ConRep2  | ConRep3  | Avg. Conc. | ConcRSD | Units |
|------------|-------|----------|----------|----------|------------|---------|-------|
| Aluminium  | 27-2  | 4691.63  | 4807.43  | 4776.77  | 4758.61    | 1.26    | ppb   |
| Antimony   | 121-1 | 256.20   | 257.68   | 257.36   | 257.08     | 0.30    | ppb   |
| Arsenic    | 75-2  | 247.33   | 248.23   | 254.88   | 250.15     | 1.65    | ppb   |
| Barium     | 135-1 | 1292.20  | 1293.43  | 1283.60  | 1289.74    | 0.42    | ppb   |
| Barium     | 137-1 | 1282.94  | 1294.90  | 1303.93  | 1293.92    | 0.81    | ppb   |
| Beryllium  | 9-1   | 263.67   | 260.60   | 257.06   | 260.44     | 1.27    | ppb   |
| Bismuth    | 209-1 |          |          |          | 103        |         | %     |
| Bismuth    | 209-2 |          |          |          | 101        |         | %     |
| Boron      | 10-1  | 251.80   | 242.93   | 255.89   | 250.21     | 2.65    | ppb   |
| Boron      | 11-1  | 248.80   | 253.44   | 254.34   | 252.19     | 1.18    | ppb   |
| Cadmium    | 111-1 | 258.26   | 261.98   | 258.56   | 259.60     | 0.80    | ppb   |
| Cadmium    | 106-1 | 261.16   | 262.55   | 256.00   | 259.91     | 1.33    | ppb   |
| Cadmium    | 108-1 | 255.03   | 261.43   | 262.51   | 259.65     | 1.56    | ppb   |
| Calcium    | 43-1  | 24199.58 | 24406.38 | 24696.89 | 24434.28   | 1.02    | ppb   |
| Calcium    | 44-1  | 23843.14 | 24013.45 | 24391.56 | 24082.72   | 1.17    | ppb   |
| Chromium   | 52-2  | 244.68   | 249.06   | 253.22   | 248.99     | 1.71    | ppb   |
| Cobalt     | 59-2  | 244.19   | 246.07   | 247.65   | 245.97     | 0.70    | ppb   |
| Copper     | 63-2  | 484.25   | 488.07   | 490.14   | 487.49     | 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 |          |          |          | 104        |         | %     |
| Holmium    | 165-2 |          |          |          | 99         |         | %     |
| Indium     | 115-1 |          |          |          | 99         |         | %     |
| Indium     | 115-2 |          |          |          | 97         |         | %     |
| Iron       | 56-2  | 12216.85 | 12239.96 | 12321.63 | 12259.48   | 0.45    | ppb   |
| Iron       | 57-2  | 12190.91 | 12052.96 | 12348.66 | 12197.51   | 1.21    | ppb   |
| Lead       | 206-1 | 242.96   | 244.74   | 246.20   | 244.63     | 0.66    | ppb   |
| Lead       | 207-1 | 243.02   | 245.18   | 243.72   | 243.97     | 0.45    | ppb   |
| Lead       | 208-1 | 248.73   | 249.40   | 248.42   | 248.85     | 0.20    | ppb   |
| Lithium    | 6-1   |          |          |          | 100        |         | %     |
| Magnesium  | 24-2  | 24704.49 | 25068.76 | 25369.00 | 25047.42   | 1.33    | ppb   |
| Manganese  | 55-2  | 488.51   | 491.32   | 502.00   | 493.95     | 1.44    | ppb   |

|                         |                     |                   |            |
|-------------------------|---------------------|-------------------|------------|
| LB Number :             | LB94089             | Operator :        | Jaswal     |
| Lab Sample ID :         | S05                 | Instrumnet Name : | P8         |
| Client Sample ID :      | S05                 | Dilution Factor : | 1          |
| Date & Time Acquired :: | 2018-03-22 12:20:11 | DataFile Name :   | 008CAL.S.d |

| Parameter  | Mass  | ConRep1  | ConRep2  | ConRep3  | Avg. Conc. | ConcRSD | Units |
|------------|-------|----------|----------|----------|------------|---------|-------|
| Molybdenum | 94-1  | 1262.48  | 1253.65  | 1253.65  | 1256.59    | 0.41    | ppb   |
| Molybdenum | 95-1  | 1242.30  | 1258.81  | 1259.66  | 1253.59    | 0.78    | ppb   |
| Molybdenum | 96-1  | 1249.97  | 1263.50  | 1246.86  | 1253.44    | 0.71    | ppb   |
| Molybdenum | 97-1  | 1255.60  | 1255.12  | 1273.02  | 1261.25    | 0.81    | ppb   |
| Molybdenum | 98-1  | 1237.05  | 1249.06  | 1250.27  | 1245.46    | 0.59    | ppb   |
| Neodymium  | 150-1 |          |          |          |            |         | cps   |
| Neodymium  | 150-2 |          |          |          |            |         | cps   |
| Nickel     | 60-2  | 242.56   | 247.15   | 249.92   | 246.54     | 1.51    | ppb   |
| Phosphorus | 31-2  | 5273.31  | 4998.73  | 4874.86  | 5048.97    | 4.04    | ppb   |
| Potassium  | 39-2  | 12217.47 | 12499.15 | 12399.41 | 12372.01   | 1.15    | ppb   |
| Rhodium    | 103-1 |          |          |          | 99         |         | %     |
| Rhodium    | 103-2 |          |          |          | 97         |         | %     |
| Scandium   | 45-1  |          |          |          | 99         |         | %     |
| Scandium   | 45-2  |          |          |          | 98         |         | %     |
| Selenium   | 77-2  | 319.67   | 221.28   | 275.83   | 272.26     | 18.10   | ppb   |
| Selenium   | 78-2  | 230.43   | 223.17   | 268.61   | 240.74     | 10.14   | ppb   |
| Selenium   | 82-1  | 253.16   | 249.49   | 254.17   | 252.27     | 0.97    | ppb   |
| Silicon    | 28-1  | 306.86   | 308.10   | 323.37   | 312.78     | 2.94    | ppb   |
| Silver     | 109-1 | 261.20   | 265.03   | 261.60   | 262.61     | 0.80    | ppb   |
| Silver     | 107-1 | 266.63   | 265.82   | 266.48   | 266.31     | 0.16    | ppb   |
| Sodium     | 23-2  | 24667.81 | 24717.92 | 24868.86 | 24751.53   | 0.42    | ppb   |
| Strontium  | 86-1  | 244.83   | 248.94   | 247.02   | 246.93     | 0.83    | ppb   |
| Strontium  | 88-1  | 248.89   | 251.24   | 251.29   | 250.47     | 0.55    | ppb   |
| Sulfur     | 34-1  | 4456.88  | 4345.27  | 4904.84  | 4569.00    | 6.48    | ppb   |
| Terbium    | 159-1 |          |          |          | 103        |         | %     |
| Terbium    | 159-2 |          |          |          | 100        |         | %     |
| Thallium   | 203-1 | 247.38   | 246.56   | 248.44   | 247.46     | 0.38    | ppb   |
| Thallium   | 205-1 | 252.78   | 251.34   | 257.90   | 254.01     | 1.36    | ppb   |
| Tin        | 118-1 | 252.26   | 254.94   | 254.77   | 253.99     | 0.59    | ppb   |
| Titanium   | 47-1  | 1230.94  | 1237.65  | 1251.32  | 1239.97    | 0.84    | ppb   |
| Uranium    | 238-1 | 242.28   | 244.44   | 239.77   | 242.17     | 0.97    | ppb   |
| Vanadium   | 51-2  | 242.79   | 249.26   | 249.58   | 247.21     | 1.55    | ppb   |
| Yttrium    | 89-1  |          |          |          | 100        |         | %     |
| Yttrium    | 89-2  |          |          |          | 98         |         | %     |
| Zinc       | 66-2  | 480.53   | 484.48   | 490.81   | 485.27     | 1.07    | ppb   |
| Zirconium  | 90-1  | 253.95   | 251.40   | 251.49   | 252.28     | 0.57    | ppb   |



|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB94089             | Operator :        | Jaswal    |
| Lab Sample ID :         | S05                 | Instrumnet Name : | P8        |
| Client Sample ID :      | S05                 | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2018-03-22 12:20:11 | DataFile Name :   | 008CALS.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|-----------|------|---------|---------|---------|------------|---------|-------|
| Zirconium | 91-1 | 242.78  | 245.15  | 245.09  | 244.34     | 0.55    | ppb   |

|                         |                     |                   |            |
|-------------------------|---------------------|-------------------|------------|
| LB Number :             | LB94089             | Operator :        | Jaswal     |
| Lab Sample ID :         | S06                 | Instrumnet Name : | P8         |
| Client Sample ID :      | S06                 | Dilution Factor : | 1          |
| Date & Time Acquired :: | 2018-03-22 12:23:42 | DataFile Name :   | 009CAL.S.d |

| Parameter  | Mass  | ConRep1  | ConRep2  | ConRep3  | Avg. Conc. | ConcRSD | Units |
|------------|-------|----------|----------|----------|------------|---------|-------|
| Aluminium  | 27-2  | 9281.18  | 9818.76  | 9621.34  | 9573.76    | 2.84    | ppb   |
| Antimony   | 121-1 | 504.28   | 513.68   | 510.72   | 509.56     | 0.94    | ppb   |
| Arsenic    | 75-2  | 501.24   | 502.37   | 513.06   | 505.56     | 1.29    | ppb   |
| Barium     | 135-1 | 2511.50  | 2559.74  | 2546.60  | 2539.28    | 0.98    | ppb   |
| Barium     | 137-1 | 2518.43  | 2557.43  | 2527.31  | 2534.39    | 0.81    | ppb   |
| Beryllium  | 9-1   | 505.18   | 511.20   | 501.56   | 505.98     | 0.96    | ppb   |
| Bismuth    | 209-1 |          |          |          | 105        |         | %     |
| Bismuth    | 209-2 |          |          |          | 98         |         | %     |
| Boron      | 10-1  | 496.17   | 510.44   | 511.44   | 506.02     | 1.69    | ppb   |
| Boron      | 11-1  | 483.12   | 509.81   | 506.27   | 499.73     | 2.90    | ppb   |
| Cadmium    | 111-1 | 504.24   | 516.89   | 507.33   | 509.49     | 1.29    | ppb   |
| Cadmium    | 106-1 | 513.54   | 514.26   | 510.96   | 512.92     | 0.34    | ppb   |
| Cadmium    | 108-1 | 501.70   | 520.54   | 501.77   | 508.00     | 2.14    | ppb   |
| Calcium    | 43-1  | 49102.67 | 49354.54 | 49277.60 | 49244.94   | 0.26    | ppb   |
| Calcium    | 44-1  | 48934.25 | 48818.22 | 48719.97 | 48824.15   | 0.22    | ppb   |
| Chromium   | 52-2  | 494.93   | 501.13   | 504.53   | 500.20     | 0.97    | ppb   |
| Cobalt     | 59-2  | 499.26   | 505.33   | 507.45   | 504.01     | 0.84    | ppb   |
| Copper     | 63-2  | 981.12   | 1000.01  | 1011.10  | 997.41     | 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 |          |          |          | 105        |         | %     |
| Holmium    | 165-2 |          |          |          | 97         |         | %     |
| Indium     | 115-1 |          |          |          | 98         |         | %     |
| Indium     | 115-2 |          |          |          | 91         |         | %     |
| Iron       | 56-2  | 24539.56 | 25074.50 | 25173.79 | 24929.28   | 1.37    | ppb   |
| Iron       | 57-2  | 24382.22 | 25073.46 | 25277.01 | 24910.90   | 1.88    | ppb   |
| Lead       | 206-1 | 502.58   | 504.86   | 497.22   | 501.55     | 0.78    | ppb   |
| Lead       | 207-1 | 496.47   | 500.60   | 498.74   | 498.60     | 0.41    | ppb   |
| Lead       | 208-1 | 501.52   | 504.78   | 500.27   | 502.19     | 0.46    | ppb   |
| Lithium    | 6-1   |          |          |          | 99         |         | %     |
| Magnesium  | 24-2  | 49583.97 | 50084.16 | 50201.31 | 49956.48   | 0.66    | ppb   |
| Manganese  | 55-2  | 979.72   | 1012.26  | 1007.85  | 999.94     | 1.77    | ppb   |

|                         |                     |                   |            |
|-------------------------|---------------------|-------------------|------------|
| LB Number :             | LB94089             | Operator :        | Jaswal     |
| Lab Sample ID :         | S06                 | Instrumnet Name : | P8         |
| Client Sample ID :      | S06                 | Dilution Factor : | 1          |
| Date & Time Acquired :: | 2018-03-22 12:23:42 | DataFile Name :   | 009CAL.S.d |

| Parameter  | Mass  | ConRep1  | ConRep2  | ConRep3  | Avg. Conc. | ConcRSD | Units |
|------------|-------|----------|----------|----------|------------|---------|-------|
| Molybdenum | 94-1  | 2487.51  | 2548.30  | 2527.53  | 2521.11    | 1.23    | ppb   |
| Molybdenum | 95-1  | 2471.01  | 2528.13  | 2518.87  | 2506.00    | 1.22    | ppb   |
| Molybdenum | 96-1  | 2491.48  | 2520.84  | 2488.66  | 2500.33    | 0.71    | ppb   |
| Molybdenum | 97-1  | 2488.94  | 2562.98  | 2531.84  | 2527.92    | 1.47    | ppb   |
| Molybdenum | 98-1  | 2486.34  | 2517.63  | 2505.88  | 2503.29    | 0.63    | ppb   |
| Neodymium  | 150-1 |          |          |          |            |         | cps   |
| Neodymium  | 150-2 |          |          |          |            |         | cps   |
| Nickel     | 60-2  | 498.10   | 508.45   | 509.16   | 505.24     | 1.22    | ppb   |
| Phosphorus | 31-2  | 10000.53 | 9996.56  | 10795.42 | 10264.17   | 4.48    | ppb   |
| Potassium  | 39-2  | 23672.25 | 24235.73 | 24454.16 | 24120.71   | 1.67    | ppb   |
| Rhodium    | 103-1 |          |          |          | 96         |         | %     |
| Rhodium    | 103-2 |          |          |          | 93         |         | %     |
| Scandium   | 45-1  |          |          |          | 95         |         | %     |
| Scandium   | 45-2  |          |          |          | 91         |         | %     |
| Selenium   | 77-2  | 531.92   | 529.43   | 604.65   | 555.33     | 7.69    | ppb   |
| Selenium   | 78-2  | 505.24   | 508.74   | 535.90   | 516.62     | 3.25    | ppb   |
| Selenium   | 82-1  | 503.23   | 514.45   | 504.48   | 507.39     | 1.21    | ppb   |
| Silicon    | 28-1  | 520.84   | 526.35   | 518.16   | 521.78     | 0.80    | ppb   |
| Silver     | 109-1 | 507.54   | 527.66   | 517.80   | 517.66     | 1.94    | ppb   |
| Silver     | 107-1 | 510.81   | 517.95   | 516.92   | 515.23     | 0.75    | ppb   |
| Sodium     | 23-2  | 48993.96 | 49226.40 | 49660.49 | 49293.62   | 0.69    | ppb   |
| Strontium  | 86-1  | 495.91   | 504.61   | 499.27   | 499.93     | 0.88    | ppb   |
| Strontium  | 88-1  | 491.57   | 504.62   | 501.31   | 499.17     | 1.36    | ppb   |
| Sulfur     | 34-1  | 9917.97  | 10306.13 | 10204.84 | 10142.98   | 1.98    | ppb   |
| Terbium    | 159-1 |          |          |          | 104        |         | %     |
| Terbium    | 159-2 |          |          |          | 97         |         | %     |
| Thallium   | 203-1 | 505.17   | 504.25   | 506.29   | 505.24     | 0.20    | ppb   |
| Thallium   | 205-1 | 498.24   | 501.68   | 496.43   | 498.78     | 0.53    | ppb   |
| Tin        | 118-1 | 499.54   | 512.48   | 509.99   | 507.34     | 1.35    | ppb   |
| Titanium   | 47-1  | 2550.49  | 2579.57  | 2486.45  | 2538.84    | 1.88    | ppb   |
| Uranium    | 238-1 | 494.55   | 496.56   | 490.47   | 493.86     | 0.63    | ppb   |
| Vanadium   | 51-2  | 494.61   | 499.91   | 503.98   | 499.50     | 0.94    | ppb   |
| Yttrium    | 89-1  |          |          |          | 98         |         | %     |
| Yttrium    | 89-2  |          |          |          | 93         |         | %     |
| Zinc       | 66-2  | 998.93   | 1021.30  | 1020.46  | 1013.56    | 1.25    | ppb   |
| Zirconium  | 90-1  | 506.42   | 507.35   | 504.68   | 506.15     | 0.27    | ppb   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB94089             | Operator :        | Jaswal    |
| Lab Sample ID :         | S06                 | Instrumnet Name : | P8        |
| Client Sample ID :      | S06                 | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2018-03-22 12:23:42 | DataFile Name :   | 009CALS.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|-----------|------|---------|---------|---------|------------|---------|-------|
| Zirconium | 91-1 | 494.66  | 498.46  | 495.76  | 496.29     | 0.39    | ppb   |

|                         |                     |                   |            |
|-------------------------|---------------------|-------------------|------------|
| LB Number :             | LB94089             | Operator :        | Jaswal     |
| Lab Sample ID :         | S07                 | Instrumnet Name : | P8         |
| Client Sample ID :      | S07                 | Dilution Factor : | 1          |
| Date & Time Acquired :: | 2018-03-22 12:27:14 | DataFile Name :   | 010CAL.S.d |

| Parameter  | Mass  | ConRep1   | ConRep2  | ConRep3  | Avg. Conc. | ConcRSD | Units |
|------------|-------|-----------|----------|----------|------------|---------|-------|
| Aluminium  | 27-2  | 19429.49  | 19316.14 | 18896.30 | 19213.97   | 1.46    | ppb   |
| Antimony   | 121-1 | 994.22    | 992.58   | 992.13   | 992.98     | 0.11    | ppb   |
| Arsenic    | 75-2  | 1009.30   | 988.02   | 994.10   | 997.14     | 1.10    | ppb   |
| Barium     | 135-1 | 4959.92   | 5006.52  | 4937.21  | 4967.88    | 0.71    | ppb   |
| Barium     | 137-1 | 5001.18   | 4959.91  | 4944.63  | 4968.58    | 0.59    | ppb   |
| Beryllium  | 9-1   | 1005.17   | 982.67   | 993.02   | 993.62     | 1.13    | ppb   |
| Bismuth    | 209-1 |           |          |          | 107        |         | %     |
| Bismuth    | 209-2 |           |          |          | 98         |         | %     |
| Boron      | 10-1  | 978.00    | 994.10   | 1018.45  | 996.85     | 2.04    | ppb   |
| Boron      | 11-1  | 978.37    | 995.36   | 1025.23  | 999.65     | 2.37    | ppb   |
| Cadmium    | 111-1 | 987.27    | 997.99   | 990.03   | 991.77     | 0.56    | ppb   |
| Cadmium    | 106-1 | 982.19    | 1007.34  | 980.22   | 989.92     | 1.53    | ppb   |
| Cadmium    | 108-1 | 991.03    | 992.12   | 993.51   | 992.22     | 0.13    | ppb   |
| Calcium    | 43-1  | 98158.41  | 97253.47 | 98798.10 | 98069.99   | 0.79    | ppb   |
| Calcium    | 44-1  | 97575.64  | 96053.81 | 97158.34 | 96929.26   | 0.81    | ppb   |
| Chromium   | 52-2  | 1009.44   | 996.94   | 994.10   | 1000.16    | 0.82    | ppb   |
| Cobalt     | 59-2  | 1005.35   | 998.52   | 994.43   | 999.43     | 0.55    | ppb   |
| Copper     | 63-2  | 2020.44   | 2008.80  | 1986.64  | 2005.29    | 0.86    | ppb   |
| Dysprosium | 156-1 |           |          |          |            |         | cps   |
| Dysprosium | 156-2 |           |          |          |            |         | cps   |
| Erbium     | 164-1 |           |          |          |            |         | cps   |
| Erbium     | 164-2 |           |          |          |            |         | cps   |
| Gadolinium | 160-1 |           |          |          |            |         | cps   |
| Gadolinium | 160-2 |           |          |          |            |         | cps   |
| Holmium    | 165-1 |           |          |          | 107        |         | %     |
| Holmium    | 165-2 |           |          |          | 98         |         | %     |
| Indium     | 115-1 |           |          |          | 96         |         | %     |
| Indium     | 115-2 |           |          |          | 90         |         | %     |
| Iron       | 56-2  | 50430.02  | 49399.40 | 50004.37 | 49944.60   | 1.04    | ppb   |
| Iron       | 57-2  | 49915.41  | 49837.33 | 49415.14 | 49722.63   | 0.54    | ppb   |
| Lead       | 206-1 | 1002.98   | 1001.57  | 998.05   | 1000.87    | 0.25    | ppb   |
| Lead       | 207-1 | 1008.41   | 996.28   | 1003.26  | 1002.65    | 0.61    | ppb   |
| Lead       | 208-1 | 1000.12   | 998.36   | 999.88   | 999.45     | 0.10    | ppb   |
| Lithium    | 6-1   |           |          |          | 97         |         | %     |
| Magnesium  | 24-2  | 100023.05 | 98809.26 | 98616.15 | 99149.49   | 0.77    | ppb   |
| Manganese  | 55-2  | 2011.33   | 1996.61  | 1997.99  | 2001.98    | 0.41    | ppb   |

|                         |                     |                   |            |
|-------------------------|---------------------|-------------------|------------|
| LB Number :             | LB94089             | Operator :        | Jaswal     |
| Lab Sample ID :         | S07                 | Instrumnet Name : | P8         |
| Client Sample ID :      | S07                 | Dilution Factor : | 1          |
| Date & Time Acquired :: | 2018-03-22 12:27:14 | DataFile Name :   | 010CAL.S.d |

| Parameter  | Mass  | ConRep1  | ConRep2  | ConRep3  | Avg. Conc. | ConcRSD | Units |
|------------|-------|----------|----------|----------|------------|---------|-------|
| Molybdenum | 94-1  | 4901.60  | 5012.62  | 5051.60  | 4988.61    | 1.56    | ppb   |
| Molybdenum | 95-1  | 4958.51  | 5003.21  | 5023.68  | 4995.13    | 0.67    | ppb   |
| Molybdenum | 96-1  | 4963.07  | 5007.24  | 5024.70  | 4998.34    | 0.64    | ppb   |
| Molybdenum | 97-1  | 4958.72  | 4996.15  | 4996.19  | 4983.69    | 0.43    | ppb   |
| Molybdenum | 98-1  | 4933.47  | 5057.55  | 5006.47  | 4999.16    | 1.25    | ppb   |
| Neodymium  | 150-1 |          |          |          |            |         | cps   |
| Neodymium  | 150-2 |          |          |          |            |         | cps   |
| Nickel     | 60-2  | 1006.70  | 997.14   | 990.62   | 998.15     | 0.81    | ppb   |
| Phosphorus | 31-2  | 20202.17 | 18855.49 | 20476.84 | 19844.83   | 4.37    | ppb   |
| Potassium  | 39-2  | 48766.56 | 48432.75 | 47815.01 | 48338.11   | 1.00    | ppb   |
| Rhodium    | 103-1 |          |          |          | 94         |         | %     |
| Rhodium    | 103-2 |          |          |          | 92         |         | %     |
| Scandium   | 45-1  |          |          |          | 93         |         | %     |
| Scandium   | 45-2  |          |          |          | 89         |         | %     |
| Selenium   | 77-2  | 821.11   | 970.58   | 1116.73  | 969.47     | 15.25   | ppb   |
| Selenium   | 78-2  | 953.54   | 991.13   | 1031.66  | 992.11     | 3.94    | ppb   |
| Selenium   | 82-1  | 984.61   | 996.97   | 1003.85  | 995.14     | 0.98    | ppb   |
| Silicon    | 28-1  | 975.30   | 967.12   | 958.68   | 967.03     | 0.86    | ppb   |
| Silver     | 109-1 | 989.92   | 986.75   | 983.87   | 986.84     | 0.31    | ppb   |
| Silver     | 107-1 | 977.18   | 995.02   | 989.02   | 987.07     | 0.92    | ppb   |
| Sodium     | 23-2  | 97373.02 | 96113.35 | 95593.34 | 96359.91   | 0.95    | ppb   |
| Strontium  | 86-1  | 991.24   | 1005.42  | 1006.31  | 1000.99    | 0.84    | ppb   |
| Strontium  | 88-1  | 989.02   | 1006.31  | 1004.94  | 1000.09    | 0.96    | ppb   |
| Sulfur     | 34-1  | 20253.21 | 19538.00 | 20069.38 | 19953.53   | 1.86    | ppb   |
| Terbium    | 159-1 |          |          |          | 106        |         | %     |
| Terbium    | 159-2 |          |          |          | 98         |         | %     |
| Thallium   | 203-1 | 1006.75  | 1000.27  | 988.15   | 998.39     | 0.95    | ppb   |
| Thallium   | 205-1 | 999.97   | 1001.84  | 997.15   | 999.65     | 0.24    | ppb   |
| Tin        | 118-1 | 997.15   | 1003.10  | 984.15   | 994.80     | 0.97    | ppb   |
| Titanium   | 47-1  | 4996.84  | 4937.56  | 5016.33  | 4983.58    | 0.82    | ppb   |
| Uranium    | 238-1 | 1004.80  | 1006.60  | 1005.18  | 1005.53    | 0.09    | ppb   |
| Vanadium   | 51-2  | 1010.47  | 999.24   | 994.34   | 1001.35    | 0.83    | ppb   |
| Yttrium    | 89-1  |          |          |          | 97         |         | %     |
| Yttrium    | 89-2  |          |          |          | 92         |         | %     |
| Zinc       | 66-2  | 2014.78  | 1988.61  | 1990.46  | 1997.95    | 0.73    | ppb   |
| Zirconium  | 90-1  | 997.85   | 994.46   | 997.02   | 996.44     | 0.18    | ppb   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB94089             | Operator :        | Jaswal    |
| Lab Sample ID :         | S07                 | Instrumnet Name : | P8        |
| Client Sample ID :      | S07                 | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2018-03-22 12:27:14 | DataFile Name :   | 010CALS.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|-----------|------|---------|---------|---------|------------|---------|-------|
| Zirconium | 91-1 | 992.70  | 1006.46 | 1011.58 | 1003.58    | 0.97    | ppb   |

|                         |                     |                   |            |
|-------------------------|---------------------|-------------------|------------|
| LB Number :             | LB94089             | Operator :        | Jaswal     |
| Lab Sample ID :         | S08                 | Instrumnet Name : | P8         |
| Client Sample ID :      | S08                 | Dilution Factor : | 1          |
| Date & Time Acquired :: | 2018-03-22 12:30:38 | DataFile Name :   | 011CAL.S.d |

| Parameter  | Mass  | ConRep1   | ConRep2   | ConRep3   | Avg. Conc. | ConcRSD | Units |
|------------|-------|-----------|-----------|-----------|------------|---------|-------|
| Aluminium  | 27-2  | 99016.33  | 99170.95  | 102451.48 | 100212.92  | 1.94    | ppb   |
| Antimony   | 121-1 | 3.22      | 3.32      | 3.64      | 3.40       | 6.36    | ppb   |
| Arsenic    | 75-2  | 1.44      | 1.66      | 1.63      | 1.58       | 7.52    | ppb   |
| Barium     | 135-1 | 1.66      | 1.50      | 1.60      | 1.59       | 5.23    | ppb   |
| Barium     | 137-1 | 1.57      | 1.63      | 1.66      | 1.62       | 3.09    | ppb   |
| Beryllium  | 9-1   | 0.74      | 0.46      | 0.55      | 0.58       | 24.19   | ppb   |
| Bismuth    | 209-1 |           |           |           | 102        |         | %     |
| Bismuth    | 209-2 |           |           |           | 95         |         | %     |
| Boron      | 10-1  | 53.25     | 41.19     | 39.65     | 44.70      | 16.66   | ppb   |
| Boron      | 11-1  | 51.00     | 44.67     | 43.16     | 46.28      | 9.00    | ppb   |
| Cadmium    | 111-1 | 0.11      | 0.20      | 0.21      | 0.17       | 32.15   | ppb   |
| Cadmium    | 106-1 | -1.25     | -0.20     | -0.55     | -0.67      |         | ppb   |
| Cadmium    | 108-1 | 0.34      | 0.51      | 0.12      | 0.32       | 61.47   | ppb   |
| Calcium    | 43-1  | 508912.97 | 487263.73 | 505319.42 | 500498.71  | 2.32    | ppb   |
| Calcium    | 44-1  | 510559.41 | 489521.79 | 502273.44 | 500784.88  | 2.12    | ppb   |
| Chromium   | 52-2  | 44.47     | 43.71     | 46.37     | 44.85      | 3.06    | ppb   |
| Cobalt     | 59-2  | 12.21     | 12.22     | 13.37     | 12.60      | 5.27    | ppb   |
| Copper     | 63-2  | 4.19      | 3.99      | 4.42      | 4.20       | 5.15    | 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 |           |           |           | 107        |         | %     |
| Holmium    | 165-2 |           |           |           | 100        |         | %     |
| Indium     | 115-1 |           |           |           | 97         |         | %     |
| Indium     | 115-2 |           |           |           | 92         |         | %     |
| Iron       | 56-2  | 246232.30 | 247633.29 | 256227.84 | 250031.14  | 2.16    | ppb   |
| Iron       | 57-2  | 247568.78 | 246198.90 | 256484.25 | 250083.98  | 2.23    | ppb   |
| Lead       | 206-1 | 2.03      | 1.90      | 1.99      | 1.97       | 3.33    | ppb   |
| Lead       | 207-1 | 1.80      | 1.72      | 1.87      | 1.80       | 4.28    | ppb   |
| Lead       | 208-1 | 1.89      | 1.87      | 1.92      | 1.89       | 1.36    | ppb   |
| Lithium    | 6-1   |           |           |           | 99         |         | %     |
| Magnesium  | 24-2  | 496413.80 | 495660.81 | 508435.37 | 500169.99  | 1.43    | ppb   |
| Manganese  | 55-2  | 9.26      | 9.91      | 10.06     | 9.75       | 4.36    | ppb   |



|                         |                     |                   |            |
|-------------------------|---------------------|-------------------|------------|
| LB Number :             | LB94089             | Operator :        | Jaswal     |
| Lab Sample ID :         | S08                 | Instrumnet Name : | P8         |
| Client Sample ID :      | S08                 | Dilution Factor : | 1          |
| Date & Time Acquired :: | 2018-03-22 12:30:38 | DataFile Name :   | 011CAL.S.d |

| Parameter  | Mass  | ConRep1   | ConRep2   | ConRep3   | Avg. Conc. | ConcRSD | Units |
|------------|-------|-----------|-----------|-----------|------------|---------|-------|
| Molybdenum | 94-1  | 6.93      | 6.82      | 7.11      | 6.95       | 2.17    | ppb   |
| Molybdenum | 95-1  | 8.88      | 9.06      | 9.60      | 9.18       | 4.09    | ppb   |
| Molybdenum | 96-1  | 9.05      | 8.88      | 9.69      | 9.21       | 4.60    | ppb   |
| Molybdenum | 97-1  | 9.03      | 9.34      | 10.01     | 9.46       | 5.30    | ppb   |
| Molybdenum | 98-1  | 8.79      | 9.11      | 9.53      | 9.14       | 4.04    | ppb   |
| Neodymium  | 150-1 |           |           |           |            |         | cps   |
| Neodymium  | 150-2 |           |           |           |            |         | cps   |
| Nickel     | 60-2  | 35.68     | 34.72     | 36.95     | 35.78      | 3.12    | ppb   |
| Phosphorus | 31-2  | -24.84    | 1.44      | -24.84    | -16.08     |         | ppb   |
| Potassium  | 39-2  | 246452.46 | 248646.16 | 256183.18 | 250427.27  | 2.04    | ppb   |
| Rhodium    | 103-1 |           |           |           | 92         |         | %     |
| Rhodium    | 103-2 |           |           |           | 91         |         | %     |
| Scandium   | 45-1  |           |           |           | 98         |         | %     |
| Scandium   | 45-2  |           |           |           | 92         |         | %     |
| Selenium   | 77-2  | -2.29     | 4.85      | -2.29     | 0.09       | 4504.23 | ppb   |
| Selenium   | 78-2  | -1.41     | 0.80      | 1.93      | 0.44       | 383.59  | ppb   |
| Selenium   | 82-1  | 1.53      | 0.50      | 1.85      | 1.29       | 54.30   | ppb   |
| Silicon    | 28-1  | 33.01     | 27.13     | 31.88     | 30.67      | 10.18   | ppb   |
| Silver     | 109-1 | 0.10      | 0.08      | 0.12      | 0.10       | 19.02   | ppb   |
| Silver     | 107-1 | 0.11      | 0.11      | 0.10      | 0.11       | 4.66    | ppb   |
| Sodium     | 23-2  | 495728.27 | 494908.61 | 511810.72 | 500815.86  | 1.90    | ppb   |
| Strontium  | 86-1  | 34.39     | 33.27     | 33.88     | 33.85      | 1.66    | ppb   |
| Strontium  | 88-1  | 35.01     | 33.62     | 34.08     | 34.24      | 2.07    | ppb   |
| Sulfur     | 34-1  | -1441.14  | -1729.75  | -991.99   | -1387.62   |         | ppb   |
| Terbium    | 159-1 |           |           |           | 106        |         | %     |
| Terbium    | 159-2 |           |           |           | 101        |         | %     |
| Thallium   | 203-1 | 0.64      | 0.49      | 0.50      | 0.54       | 15.03   | ppb   |
| Thallium   | 205-1 | 0.56      | 0.54      | 0.53      | 0.55       | 2.64    | ppb   |
| Tin        | 118-1 | 1.63      | 1.59      | 1.63      | 1.62       | 1.35    | ppb   |
| Titanium   | 47-1  | 1.42      | 1.32      | 1.54      | 1.43       | 7.82    | ppb   |
| Uranium    | 238-1 | 0.09      | 0.10      | 0.09      | 0.09       | 3.08    | ppb   |
| Vanadium   | 51-2  | 0.39      | 0.29      | 0.36      | 0.34       | 14.90   | ppb   |
| Yttrium    | 89-1  |           |           |           | 99         |         | %     |
| Yttrium    | 89-2  |           |           |           | 96         |         | %     |
| Zinc       | 66-2  | 12.07     | 11.78     | 13.67     | 12.51      | 8.14    | ppb   |
| Zirconium  | 90-1  | 0.25      | 0.22      | 0.23      | 0.23       | 5.85    | ppb   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB94089             | Operator :        | Jaswal    |
| Lab Sample ID :         | S08                 | Instrumnet Name : | P8        |
| Client Sample ID :      | S08                 | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2018-03-22 12:30:38 | DataFile Name :   | 011CALS.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|-----------|------|---------|---------|---------|------------|---------|-------|
| Zirconium | 91-1 | 0.24    | 0.25    | 0.22    | 0.24       | 7.17    | ppb   |

|                         |                     |                   |          |
|-------------------------|---------------------|-------------------|----------|
| LB Number :             | LB94089             | Operator :        | Jaswal   |
| Lab Sample ID :         | ICV                 | Instrumnet Name : | P8       |
| Client Sample ID :      | ICV                 | Dilution Factor : | 1        |
| Date & Time Acquired :: | 2018-03-22 12:36:39 | DataFile Name :   | 012ICV.d |

| Parameter  | Mass  | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|------------|-------|---------|---------|---------|------------|---------|-------|
| Aluminium  | 27-2  | 512.06  | 532.56  | 481.24  | 508.62     | 5.08    | ppb   |
| Antimony   | 121-1 | 193.91  | 196.71  | 202.13  | 197.58     | 2.12    | ppb   |
| Arsenic    | 75-2  | 201.50  | 198.43  | 193.29  | 197.74     | 2.10    | ppb   |
| Barium     | 135-1 | 99.58   | 99.39   | 101.96  | 100.31     | 1.43    | ppb   |
| Barium     | 137-1 | 99.75   | 102.22  | 102.54  | 101.50     | 1.50    | ppb   |
| Beryllium  | 9-1   | 96.51   | 98.22   | 101.40  | 98.71      | 2.51    | ppb   |
| Bismuth    | 209-1 |         |         |         | 109        |         | %     |
| Bismuth    | 209-2 |         |         |         | 106        |         | %     |
| Boron      | 10-1  | 430.75  | 447.00  | 484.46  | 454.07     | 6.07    | ppb   |
| Boron      | 11-1  | 423.32  | 453.07  | 472.75  | 449.71     | 5.53    | ppb   |
| Cadmium    | 111-1 | 102.52  | 104.94  | 106.20  | 104.56     | 1.79    | ppb   |
| Cadmium    | 106-1 | 152.05  | 158.73  | 158.54  | 156.44     | 2.43    | ppb   |
| Cadmium    | 108-1 | 129.83  | 130.52  | 132.99  | 131.11     | 1.27    | ppb   |
| Calcium    | 43-1  | 2034.19 | 2121.55 | 2035.13 | 2063.62    | 2.43    | ppb   |
| Calcium    | 44-1  | 1982.40 | 2033.08 | 2035.08 | 2016.85    | 1.48    | ppb   |
| Chromium   | 52-2  | 98.86   | 94.99   | 93.78   | 95.88      | 2.77    | ppb   |
| Cobalt     | 59-2  | 99.98   | 98.24   | 96.89   | 98.37      | 1.57    | ppb   |
| Copper     | 63-2  | 99.37   | 97.31   | 95.81   | 97.50      | 1.83    | 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 |         |         |         | 107        |         | %     |
| Holmium    | 165-2 |         |         |         | 103        |         | %     |
| Indium     | 115-1 |         |         |         | 102        |         | %     |
| Indium     | 115-2 |         |         |         | 99         |         | %     |
| Iron       | 56-2  | 1011.51 | 981.19  | 970.96  | 987.89     | 2.13    | ppb   |
| Iron       | 57-2  | 1036.61 | 980.59  | 955.48  | 990.89     | 4.19    | ppb   |
| Lead       | 206-1 | 190.01  | 196.40  | 197.96  | 194.79     | 2.16    | ppb   |
| Lead       | 207-1 | 182.29  | 187.94  | 190.22  | 186.82     | 2.18    | ppb   |
| Lead       | 208-1 | 190.81  | 196.23  | 198.65  | 195.23     | 2.06    | ppb   |
| Lithium    | 6-1   |         |         |         | 107        |         | %     |
| Magnesium  | 24-2  | 1229.17 | 1211.67 | 1157.56 | 1199.47    | 3.11    | ppb   |
| Manganese  | 55-2  | 98.49   | 96.36   | 95.52   | 96.79      | 1.58    | ppb   |

|                         |                     |                   |          |
|-------------------------|---------------------|-------------------|----------|
| LB Number :             | LB94089             | Operator :        | Jaswal   |
| Lab Sample ID :         | ICV                 | Instrumnet Name : | P8       |
| Client Sample ID :      | ICV                 | Dilution Factor : | 1        |
| Date & Time Acquired :: | 2018-03-22 12:36:39 | DataFile Name :   | 012ICV.d |

| Parameter  | Mass  | ConRep1  | ConRep2  | ConRep3  | Avg. Conc. | ConcRSD | Units |
|------------|-------|----------|----------|----------|------------|---------|-------|
| Molybdenum | 94-1  | 1038.11  | 1049.64  | 1070.27  | 1052.67    | 1.55    | ppb   |
| Molybdenum | 95-1  | 451.63   | 463.71   | 473.04   | 462.79     | 2.32    | ppb   |
| Molybdenum | 96-1  | 545.40   | 546.01   | 554.37   | 548.60     | 0.91    | ppb   |
| Molybdenum | 97-1  | 460.59   | 470.27   | 473.87   | 468.24     | 1.47    | ppb   |
| Molybdenum | 98-1  | 474.68   | 477.39   | 485.93   | 479.33     | 1.22    | ppb   |
| Neodymium  | 150-1 |          |          |          |            |         | cps   |
| Neodymium  | 150-2 |          |          |          |            |         | cps   |
| Nickel     | 60-2  | 102.87   | 99.33    | 98.74    | 100.31     | 2.23    | ppb   |
| Phosphorus | 31-2  | 0.54     | -24.84   | -0.43    | -8.24      |         | ppb   |
| Potassium  | 39-2  | 2052.68  | 1931.55  | 1886.12  | 1956.78    | 4.40    | ppb   |
| Rhodium    | 103-1 |          |          |          | 102        |         | %     |
| Rhodium    | 103-2 |          |          |          | 102        |         | %     |
| Scandium   | 45-1  |          |          |          | 101        |         | %     |
| Scandium   | 45-2  |          |          |          | 99         |         | %     |
| Selenium   | 77-2  | 196.72   | 208.69   | 199.33   | 201.58     | 3.12    | ppb   |
| Selenium   | 78-2  | 172.51   | 207.89   | 193.85   | 191.42     | 9.31    | ppb   |
| Selenium   | 82-1  | 196.90   | 199.34   | 204.00   | 200.08     | 1.80    | ppb   |
| Silicon    | 28-1  | 458.16   | 458.48   | 457.08   | 457.91     | 0.16    | ppb   |
| Silver     | 109-1 | 99.78    | 100.30   | 103.14   | 101.07     | 1.79    | ppb   |
| Silver     | 107-1 | 101.77   | 101.37   | 104.01   | 102.38     | 1.39    | ppb   |
| Sodium     | 23-2  | 2068.72  | 1949.02  | 1929.95  | 1982.56    | 3.79    | ppb   |
| Strontium  | 86-1  | 456.37   | 463.57   | 478.10   | 466.02     | 2.38    | ppb   |
| Strontium  | 88-1  | 467.84   | 464.78   | 479.82   | 470.81     | 1.69    | ppb   |
| Sulfur     | 34-1  | -1632.42 | -1488.71 | -1677.48 | -1599.54   |         | ppb   |
| Terbium    | 159-1 |          |          |          | 106        |         | %     |
| Terbium    | 159-2 |          |          |          | 104        |         | %     |
| Thallium   | 203-1 | 192.42   | 200.37   | 200.94   | 197.91     | 2.41    | ppb   |
| Thallium   | 205-1 | 201.88   | 205.42   | 209.03   | 205.44     | 1.74    | ppb   |
| Tin        | 118-1 | 483.29   | 486.14   | 498.98   | 489.47     | 1.71    | ppb   |
| Titanium   | 47-1  | 474.79   | 481.42   | 483.71   | 479.97     | 0.96    | ppb   |
| Uranium    | 238-1 | 462.97   | 469.26   | 473.53   | 468.59     | 1.13    | ppb   |
| Vanadium   | 51-2  | 97.52    | 95.46    | 92.90    | 95.30      | 2.43    | ppb   |
| Yttrium    | 89-1  |          |          |          | 101        |         | %     |
| Yttrium    | 89-2  |          |          |          | 101        |         | %     |
| Zinc       | 66-2  | 204.70   | 193.28   | 191.59   | 196.52     | 3.63    | ppb   |
| Zirconium  | 90-1  | 464.96   | 469.56   | 478.59   | 471.04     | 1.47    | ppb   |

|                         |                     |                   |          |
|-------------------------|---------------------|-------------------|----------|
| LB Number :             | LB94089             | Operator :        | Jaswal   |
| Lab Sample ID :         | ICV                 | Instrumnet Name : | P8       |
| Client Sample ID :      | ICV                 | Dilution Factor : | 1        |
| Date & Time Acquired :: | 2018-03-22 12:36:39 | DataFile Name :   | 012ICV.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|-----------|------|---------|---------|---------|------------|---------|-------|
| Zirconium | 91-1 | 456.59  | 458.30  | 471.45  | 462.12     | 1.76    | ppb   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB94089             | Operator :        | Jaswal    |
| Lab Sample ID :         | ICB                 | Instrumnet Name : | P8        |
| Client Sample ID :      | ICB                 | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2018-03-22 12:45:36 | DataFile Name :   | 013CCBE.d |

| Parameter  | Mass  | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|------------|-------|---------|---------|---------|------------|---------|-------|
| Aluminium  | 27-2  | 0.53    | 0.52    | 5.43    | 2.16       | 131.36  | ppb   |
| Antimony   | 121-1 | 0.36    | 0.57    | 0.71    | 0.55       | 32.06   | ppb   |
| Arsenic    | 75-2  | 0.07    | 0.24    | -0.01   | 0.10       | 128.25  | ppb   |
| Barium     | 135-1 | 0.00    | 0.01    | 0.00    | 0.00       | 73.72   | ppb   |
| Barium     | 137-1 | 0.01    | 0.01    | 0.01    | 0.01       | 26.66   | ppb   |
| Beryllium  | 9-1   | 0.26    | 0.13    | 0.07    | 0.15       | 63.49   | ppb   |
| Bismuth    | 209-1 |         |         |         | 107        |         | %     |
| Bismuth    | 209-2 |         |         |         | 104        |         | %     |
| Boron      | 10-1  | 10.11   | 10.14   | 10.05   | 10.10      | 0.47    | ppb   |
| Boron      | 11-1  | 10.87   | 10.63   | 11.67   | 11.05      | 4.92    | ppb   |
| Cadmium    | 111-1 | -0.06   | -0.07   | 0.05    | -0.03      |         | ppb   |
| Cadmium    | 106-1 | -0.96   | -1.05   | 0.64    | -0.46      |         | ppb   |
| Cadmium    | 108-1 | -0.02   | -0.06   | -0.02   | -0.03      |         | ppb   |
| Calcium    | 43-1  | 3.49    | -6.89   | -1.57   | -1.66      |         | ppb   |
| Calcium    | 44-1  | -4.59   | -7.53   | -5.90   | -6.01      |         | ppb   |
| Chromium   | 52-2  | 0.00    | -0.04   | -0.03   | -0.03      |         | ppb   |
| Cobalt     | 59-2  | 0.02    | 0.00    | -0.01   | 0.00       | 330.16  | ppb   |
| Copper     | 63-2  | 0.00    | -0.02   | -0.02   | -0.01      |         | ppb   |
| Dysprosium | 156-1 |         |         |         |            |         | cps   |
| Dysprosium | 156-2 |         |         |         |            |         | cps   |
| Erbium     | 164-1 |         |         |         |            |         | cps   |
| Erbium     | 164-2 |         |         |         |            |         | cps   |
| Gadolinium | 160-1 |         |         |         |            |         | cps   |
| Gadolinium | 160-2 |         |         |         |            |         | cps   |
| Holmium    | 165-1 |         |         |         | 106        |         | %     |
| Holmium    | 165-2 |         |         |         | 103        |         | %     |
| Indium     | 115-1 |         |         |         | 102        |         | %     |
| Indium     | 115-2 |         |         |         | 100        |         | %     |
| Iron       | 56-2  | 2.11    | 2.15    | 2.19    | 2.15       | 2.06    | ppb   |
| Iron       | 57-2  | 5.76    | 2.60    | 3.17    | 3.84       | 43.79   | ppb   |
| Lead       | 206-1 | 0.04    | 0.04    | 0.04    | 0.04       | 7.53    | ppb   |
| Lead       | 207-1 | 0.03    | 0.03    | 0.03    | 0.03       | 8.51    | ppb   |
| Lead       | 208-1 | 0.03    | 0.03    | 0.03    | 0.03       | 3.13    | ppb   |
| Lithium    | 6-1   |         |         |         | 105        |         | %     |
| Magnesium  | 24-2  | -1.85   | 1.61    | 1.37    | 0.37       | 518.49  | ppb   |
| Manganese  | 55-2  | -0.04   | 0.00    | 0.07    | 0.01       | 447.74  | ppb   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB94089             | Operator :        | Jaswal    |
| Lab Sample ID :         | ICB                 | Instrumnet Name : | P8        |
| Client Sample ID :      | ICB                 | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2018-03-22 12:45:36 | DataFile Name :   | 013CCBE.d |

| Parameter  | Mass  | ConRep1  | ConRep2  | ConRep3 | Avg. Conc. | ConcRSD | Units |
|------------|-------|----------|----------|---------|------------|---------|-------|
| Molybdenum | 94-1  | 0.21     | 0.40     | 0.46    | 0.36       | 37.62   | ppb   |
| Molybdenum | 95-1  | 0.28     | 0.40     | 0.54    | 0.40       | 31.52   | ppb   |
| Molybdenum | 96-1  | 0.27     | 0.38     | 0.56    | 0.40       | 36.39   | ppb   |
| Molybdenum | 97-1  | 0.33     | 0.38     | 0.47    | 0.39       | 18.56   | ppb   |
| Molybdenum | 98-1  | 0.30     | 0.44     | 0.62    | 0.45       | 36.05   | ppb   |
| Neodymium  | 150-1 |          |          |         |            |         | cps   |
| Neodymium  | 150-2 |          |          |         |            |         | cps   |
| Nickel     | 60-2  | -0.10    | -0.05    | -0.11   | -0.09      |         | ppb   |
| Phosphorus | 31-2  | -0.31    | -24.84   | -24.84  | -16.66     |         | ppb   |
| Potassium  | 39-2  | -31.05   | -0.11    | -4.32   | -11.83     |         | ppb   |
| Rhodium    | 103-1 |          |          |         | 102        |         | %     |
| Rhodium    | 103-2 |          |          |         | 102        |         | %     |
| Scandium   | 45-1  |          |          |         | 101        |         | %     |
| Scandium   | 45-2  |          |          |         | 100        |         | %     |
| Selenium   | 77-2  | -2.29    | -2.29    | -2.29   | -2.29      |         | ppb   |
| Selenium   | 78-2  | -0.34    | -1.41    | -0.36   | -0.70      |         | ppb   |
| Selenium   | 82-1  | -0.44    | -0.03    | 0.29    | -0.06      |         | ppb   |
| Silicon    | 28-1  | -20.40   | -19.80   | -14.78  | -18.33     |         | ppb   |
| Silver     | 109-1 | 0.00     | 0.01     | 0.01    | 0.01       | 90.67   | ppb   |
| Silver     | 107-1 | 0.01     | 0.01     | 0.01    | 0.01       | 8.69    | ppb   |
| Sodium     | 23-2  | 26.47    | 28.37    | 30.72   | 28.52      | 7.45    | ppb   |
| Strontium  | 86-1  | 0.01     | -0.02    | 0.01    | 0.00       | 721.66  | ppb   |
| Strontium  | 88-1  | 0.01     | 0.00     | 0.01    | 0.01       | 36.54   | ppb   |
| Sulfur     | 34-1  | -1300.80 | -1119.85 | -822.02 | -1080.89   |         | ppb   |
| Terbium    | 159-1 |          |          |         | 105        |         | %     |
| Terbium    | 159-2 |          |          |         | 102        |         | %     |
| Thallium   | 203-1 | 0.06     | 0.05     | 0.06    | 0.05       | 10.29   | ppb   |
| Thallium   | 205-1 | 0.06     | 0.08     | 0.07    | 0.07       | 13.61   | ppb   |
| Tin        | 118-1 | 0.09     | 0.13     | 0.14    | 0.12       | 23.94   | ppb   |
| Titanium   | 47-1  | 0.06     | 0.13     | -0.06   | 0.04       | 232.44  | ppb   |
| Uranium    | 238-1 | 0.01     | 0.00     | 0.01    | 0.01       | 23.57   | ppb   |
| Vanadium   | 51-2  | 0.00     | 0.02     | 0.00    | 0.00       | 352.90  | ppb   |
| Yttrium    | 89-1  |          |          |         | 101        |         | %     |
| Yttrium    | 89-2  |          |          |         | 100        |         | %     |
| Zinc       | 66-2  | -0.13    | 0.09     | 0.07    | 0.01       | 1100.87 | ppb   |
| Zirconium  | 90-1  | 0.01     | 0.04     | 0.02    | 0.02       | 55.64   | ppb   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB94089             | Operator :        | Jaswal    |
| Lab Sample ID :         | ICB                 | Instrumnet Name : | P8        |
| Client Sample ID :      | ICB                 | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2018-03-22 12:45:36 | DataFile Name :   | 013CCBE.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|-----------|------|---------|---------|---------|------------|---------|-------|
| Zirconium | 91-1 | 0.03    | 0.07    | 0.01    | 0.04       | 72.70   | ppb   |



|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB94089             | Operator :        | Jaswal    |
| Lab Sample ID :         | ICSA                | Instrumnet Name : | P8        |
| Client Sample ID :      | ICSA                | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2018-03-22 12:48:59 | DataFile Name :   | 014ICSA.d |

| Parameter  | Mass  | ConRep1   | ConRep2   | ConRep3   | Avg. Conc. | ConcRSD | Units |
|------------|-------|-----------|-----------|-----------|------------|---------|-------|
| Aluminium  | 27-2  | 93929.68  | 94875.18  | 92648.21  | 93817.69   | 1.19    | ppb   |
| Antimony   | 121-1 | 1.40      | 1.53      | 1.59      | 1.50       | 6.47    | ppb   |
| Arsenic    | 75-2  | 0.29      | 0.29      | 0.38      | 0.32       | 16.90   | ppb   |
| Barium     | 135-1 | 1.57      | 1.77      | 1.71      | 1.68       | 6.16    | ppb   |
| Barium     | 137-1 | 1.46      | 1.53      | 1.49      | 1.49       | 2.34    | ppb   |
| Beryllium  | 9-1   | 0.41      | 0.41      | 0.47      | 0.43       | 8.36    | ppb   |
| Bismuth    | 209-1 |           |           |           | 104        |         | %     |
| Bismuth    | 209-2 |           |           |           | 99         |         | %     |
| Boron      | 10-1  | 9.21      | 8.71      | 10.84     | 9.59       | 11.62   | ppb   |
| Boron      | 11-1  | 11.02     | 11.27     | 11.44     | 11.25      | 1.85    | ppb   |
| Cadmium    | 111-1 | 0.24      | 0.17      | 0.28      | 0.23       | 23.33   | ppb   |
| Cadmium    | 106-1 | -1.33     | -1.40     | -0.71     | -1.15      |         | ppb   |
| Cadmium    | 108-1 | 7.06      | 7.45      | 7.92      | 7.48       | 5.79    | ppb   |
| Calcium    | 43-1  | 100588.96 | 100312.19 | 103586.09 | 101495.75  | 1.79    | ppb   |
| Calcium    | 44-1  | 98634.29  | 99671.57  | 102807.05 | 100370.97  | 2.16    | ppb   |
| Chromium   | 52-2  | 21.52     | 21.98     | 20.87     | 21.46      | 2.60    | ppb   |
| Cobalt     | 59-2  | 1.22      | 1.14      | 1.22      | 1.19       | 3.70    | ppb   |
| Copper     | 63-2  | 7.77      | 7.77      | 7.71      | 7.75       | 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 |           |           |           | 107        |         | %     |
| Holmium    | 165-2 |           |           |           | 101        |         | %     |
| Indium     | 115-1 |           |           |           | 101        |         | %     |
| Indium     | 115-2 |           |           |           | 96         |         | %     |
| Iron       | 56-2  | 101303.36 | 104886.04 | 100544.02 | 102244.47  | 2.27    | ppb   |
| Iron       | 57-2  | 100741.94 | 102879.64 | 99411.13  | 101010.90  | 1.73    | ppb   |
| Lead       | 206-1 | 4.94      | 4.96      | 4.86      | 4.92       | 1.02    | ppb   |
| Lead       | 207-1 | 4.33      | 4.31      | 4.21      | 4.28       | 1.45    | ppb   |
| Lead       | 208-1 | 4.62      | 4.58      | 4.62      | 4.61       | 0.52    | ppb   |
| Lithium    | 6-1   |           |           |           | 100        |         | %     |
| Magnesium  | 24-2  | 104834.12 | 105609.86 | 102474.78 | 104306.26  | 1.57    | ppb   |
| Manganese  | 55-2  | 8.09      | 7.77      | 8.37      | 8.08       | 3.68    | ppb   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB94089             | Operator :        | Jaswal    |
| Lab Sample ID :         | ICSA                | Instrumnet Name : | P8        |
| Client Sample ID :      | ICSA                | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2018-03-22 12:48:59 | DataFile Name :   | 014ICSA.d |

| Parameter  | Mass  | ConRep1   | ConRep2   | ConRep3   | Avg. Conc. | ConcRSD | Units |
|------------|-------|-----------|-----------|-----------|------------|---------|-------|
| Molybdenum | 94-1  | 1400.84   | 1418.22   | 1397.88   | 1405.65    | 0.78    | ppb   |
| Molybdenum | 95-1  | 2000.42   | 2004.04   | 1992.37   | 1998.94    | 0.30    | ppb   |
| Molybdenum | 96-1  | 1942.93   | 1953.48   | 1909.73   | 1935.38    | 1.18    | ppb   |
| Molybdenum | 97-1  | 2024.86   | 2045.54   | 2004.08   | 2024.83    | 1.02    | ppb   |
| Molybdenum | 98-1  | 1996.94   | 2007.78   | 1988.82   | 1997.85    | 0.48    | ppb   |
| Neodymium  | 150-1 |           |           |           |            |         | cps   |
| Neodymium  | 150-2 |           |           |           |            |         | cps   |
| Nickel     | 60-2  | 5.27      | 5.38      | 5.00      | 5.22       | 3.70    | ppb   |
| Phosphorus | 31-2  | 100125.14 | 107492.17 | 103035.84 | 103551.05  | 3.58    | ppb   |
| Potassium  | 39-2  | 103951.70 | 104362.35 | 103192.77 | 103835.61  | 0.57    | ppb   |
| Rhodium    | 103-1 |           |           |           | 98         |         | %     |
| Rhodium    | 103-2 |           |           |           | 98         |         | %     |
| Scandium   | 45-1  |           |           |           | 100        |         | %     |
| Scandium   | 45-2  |           |           |           | 97         |         | %     |
| Selenium   | 77-2  | 4.62      | 4.72      | -2.29     | 2.35       | 170.94  | ppb   |
| Selenium   | 78-2  | -0.34     | -1.41     | 0.72      | -0.34      |         | ppb   |
| Selenium   | 82-1  | 0.32      | 0.05      | 0.44      | 0.27       | 73.37   | ppb   |
| Silicon    | 28-1  | 20.17     | 20.53     | 26.29     | 22.33      | 15.38   | ppb   |
| Silver     | 109-1 | 0.05      | 0.06      | 0.07      | 0.06       | 16.77   | ppb   |
| Silver     | 107-1 | 0.06      | 0.07      | 0.07      | 0.07       | 9.56    | ppb   |
| Sodium     | 23-2  | 100844.97 | 101690.61 | 98917.82  | 100484.47  | 1.41    | ppb   |
| Strontium  | 86-1  | 34.82     | 35.66     | 36.78     | 35.75      | 2.75    | ppb   |
| Strontium  | 88-1  | 34.92     | 35.24     | 35.46     | 35.20      | 0.78    | ppb   |
| Sulfur     | 34-1  | 99380.84  | 100588.49 | 103823.24 | 101264.19  | 2.27    | ppb   |
| Terbium    | 159-1 |           |           |           | 106        |         | %     |
| Terbium    | 159-2 |           |           |           | 102        |         | %     |
| Thallium   | 203-1 | 0.18      | 0.18      | 0.22      | 0.19       | 11.40   | ppb   |
| Thallium   | 205-1 | 0.20      | 0.20      | 0.19      | 0.20       | 2.32    | ppb   |
| Tin        | 118-1 | 0.23      | 0.21      | 0.31      | 0.25       | 20.71   | ppb   |
| Titanium   | 47-1  | 2033.09   | 2057.96   | 2111.63   | 2067.56    | 1.94    | ppb   |
| Uranium    | 238-1 | 0.02      | 0.02      | 0.02      | 0.02       | 7.84    | ppb   |
| Vanadium   | 51-2  | 0.15      | 0.17      | 0.17      | 0.16       | 5.96    | ppb   |
| Yttrium    | 89-1  |           |           |           | 102        |         | %     |
| Yttrium    | 89-2  |           |           |           | 99         |         | %     |
| Zinc       | 66-2  | 12.23     | 10.97     | 11.17     | 11.46      | 5.88    | ppb   |
| Zirconium  | 90-1  | 0.25      | 0.20      | 0.18      | 0.21       | 17.14   | ppb   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB94089             | Operator :        | Jaswal    |
| Lab Sample ID :         | ICSA                | Instrumnet Name : | P8        |
| Client Sample ID :      | ICSA                | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2018-03-22 12:48:59 | DataFile Name :   | 014ICSA.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|-----------|------|---------|---------|---------|------------|---------|-------|
| Zirconium | 91-1 | 0.21    | 0.21    | 0.14    | 0.19       | 21.23   | ppb   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB94089             | Operator :        | Jaswal    |
| Lab Sample ID :         | ICSAB               | Instrumnet Name : | P8        |
| Client Sample ID :      | ICSAB               | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2018-03-22 12:52:14 | DataFile Name :   | 015ICSB.d |

| Parameter  | Mass  | ConRep1  | ConRep2  | ConRep3  | Avg. Conc. | ConcRSD | Units |
|------------|-------|----------|----------|----------|------------|---------|-------|
| Aluminium  | 27-2  | 86983.80 | 90442.17 | 90254.93 | 89226.96   | 2.18    | ppb   |
| Antimony   | 121-1 | 20.94    | 20.59    | 21.38    | 20.97      | 1.88    | ppb   |
| Arsenic    | 75-2  | 18.69    | 19.04    | 19.84    | 19.19      | 3.07    | ppb   |
| Barium     | 135-1 | 21.41    | 21.11    | 21.76    | 21.42      | 1.51    | ppb   |
| Barium     | 137-1 | 21.59    | 21.51    | 21.69    | 21.60      | 0.43    | ppb   |
| Beryllium  | 9-1   | 20.73    | 20.88    | 20.49    | 20.70      | 0.96    | ppb   |
| Bismuth    | 209-1 |          |          |          | 104        |         | %     |
| Bismuth    | 209-2 |          |          |          | 97         |         | %     |
| Boron      | 10-1  | 56.72    | 59.42    | 56.78    | 57.64      | 2.68    | ppb   |
| Boron      | 11-1  | 58.85    | 58.19    | 58.34    | 58.46      | 0.59    | ppb   |
| Cadmium    | 111-1 | 20.57    | 19.40    | 19.57    | 19.85      | 3.17    | ppb   |
| Cadmium    | 106-1 | 22.72    | 21.85    | 19.61    | 21.39      | 7.50    | ppb   |
| Cadmium    | 108-1 | 29.96    | 28.81    | 28.59    | 29.12      | 2.53    | ppb   |
| Calcium    | 43-1  | 96372.57 | 94571.33 | 96656.32 | 95866.74   | 1.18    | ppb   |
| Calcium    | 44-1  | 94953.22 | 93130.59 | 95097.46 | 94393.76   | 1.16    | ppb   |
| Chromium   | 52-2  | 38.92    | 41.61    | 40.30    | 40.27      | 3.34    | ppb   |
| Cobalt     | 59-2  | 20.10    | 20.70    | 21.46    | 20.75      | 3.27    | ppb   |
| Copper     | 63-2  | 26.42    | 27.48    | 27.36    | 27.09      | 2.16    | ppb   |
| Dysprosium | 156-1 |          |          |          |            |         | cps   |
| Dysprosium | 156-2 |          |          |          |            |         | cps   |
| Erbium     | 164-1 |          |          |          |            |         | cps   |
| Erbium     | 164-2 |          |          |          |            |         | cps   |
| Gadolinium | 160-1 |          |          |          |            |         | cps   |
| Gadolinium | 160-2 |          |          |          |            |         | cps   |
| Holmium    | 165-1 |          |          |          | 107        |         | %     |
| Holmium    | 165-2 |          |          |          | 100        |         | %     |
| Indium     | 115-1 |          |          |          | 99         |         | %     |
| Indium     | 115-2 |          |          |          | 94         |         | %     |
| Iron       | 56-2  | 94517.48 | 97797.73 | 98611.75 | 96975.65   | 2.23    | ppb   |
| Iron       | 57-2  | 93107.69 | 97448.80 | 97182.64 | 95913.04   | 2.54    | ppb   |
| Lead       | 206-1 | 25.02    | 24.74    | 24.88    | 24.88      | 0.57    | ppb   |
| Lead       | 207-1 | 23.07    | 22.40    | 22.90    | 22.79      | 1.51    | ppb   |
| Lead       | 208-1 | 24.05    | 23.44    | 23.76    | 23.75      | 1.27    | ppb   |
| Lithium    | 6-1   |          |          |          | 98         |         | %     |
| Magnesium  | 24-2  | 96392.38 | 98309.64 | 99229.69 | 97977.24   | 1.48    | ppb   |
| Manganese  | 55-2  | 26.26    | 27.71    | 26.64    | 26.87      | 2.80    | ppb   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB94089             | Operator :        | Jaswal    |
| Lab Sample ID :         | ICSAB               | Instrumnet Name : | P8        |
| Client Sample ID :      | ICSAB               | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2018-03-22 12:52:14 | DataFile Name :   | 015ICSB.d |

| Parameter  | Mass  | ConRep1  | ConRep2  | ConRep3   | Avg. Conc. | ConcRSD | Units |
|------------|-------|----------|----------|-----------|------------|---------|-------|
| Molybdenum | 94-1  | 1443.08  | 1430.13  | 1432.71   | 1435.30    | 0.48    | ppb   |
| Molybdenum | 95-1  | 1952.77  | 1949.29  | 1964.15   | 1955.40    | 0.40    | ppb   |
| Molybdenum | 96-1  | 1882.13  | 1890.78  | 1874.80   | 1882.57    | 0.42    | ppb   |
| Molybdenum | 97-1  | 1971.73  | 1942.87  | 1986.30   | 1966.97    | 1.12    | ppb   |
| Molybdenum | 98-1  | 1943.00  | 1939.40  | 1948.73   | 1943.71    | 0.24    | ppb   |
| Neodymium  | 150-1 |          |          |           |            |         | cps   |
| Neodymium  | 150-2 |          |          |           |            |         | cps   |
| Nickel     | 60-2  | 24.15    | 25.36    | 24.74     | 24.75      | 2.44    | ppb   |
| Phosphorus | 31-2  | 92825.08 | 99239.26 | 100235.54 | 97433.29   | 4.13    | ppb   |
| Potassium  | 39-2  | 95446.52 | 96385.04 | 97234.19  | 96355.25   | 0.93    | ppb   |
| Rhodium    | 103-1 |          |          |           | 97         |         | %     |
| Rhodium    | 103-2 |          |          |           | 97         |         | %     |
| Scandium   | 45-1  |          |          |           | 99         |         | %     |
| Scandium   | 45-2  |          |          |           | 94         |         | %     |
| Selenium   | 77-2  | 32.36    | -2.29    | 26.22     | 18.77      | 98.52   | ppb   |
| Selenium   | 78-2  | 25.36    | 25.05    | 22.83     | 24.41      | 5.65    | ppb   |
| Selenium   | 82-1  | 18.59    | 19.13    | 19.91     | 19.21      | 3.45    | ppb   |
| Silicon    | 28-1  | 76.64    | 70.57    | 76.80     | 74.67      | 4.76    | ppb   |
| Silver     | 109-1 | 18.99    | 18.51    | 18.81     | 18.77      | 1.28    | ppb   |
| Silver     | 107-1 | 18.94    | 18.82    | 18.88     | 18.88      | 0.32    | ppb   |
| Sodium     | 23-2  | 92141.66 | 94399.55 | 95555.65  | 94032.28   | 1.85    | ppb   |
| Strontium  | 86-1  | 80.39    | 79.17    | 80.67     | 80.08      | 0.99    | ppb   |
| Strontium  | 88-1  | 81.29    | 80.23    | 81.27     | 80.93      | 0.75    | ppb   |
| Sulfur     | 34-1  | 94990.21 | 93435.95 | 93508.41  | 93978.19   | 0.93    | ppb   |
| Terbium    | 159-1 |          |          |           | 107        |         | %     |
| Terbium    | 159-2 |          |          |           | 100        |         | %     |
| Thallium   | 203-1 | 20.53    | 20.15    | 20.39     | 20.36      | 0.94    | ppb   |
| Thallium   | 205-1 | 20.78    | 20.36    | 20.57     | 20.57      | 1.04    | ppb   |
| Tin        | 118-1 | 48.39    | 46.59    | 47.54     | 47.51      | 1.90    | ppb   |
| Titanium   | 47-1  | 2023.00  | 1988.64  | 1991.61   | 2001.08    | 0.95    | ppb   |
| Uranium    | 238-1 | 48.37    | 47.41    | 47.88     | 47.89      | 1.00    | ppb   |
| Vanadium   | 51-2  | 18.78    | 20.16    | 20.27     | 19.73      | 4.21    | ppb   |
| Yttrium    | 89-1  |          |          |           | 101        |         | %     |
| Yttrium    | 89-2  |          |          |           | 97         |         | %     |
| Zinc       | 66-2  | 32.31    | 31.23    | 32.25     | 31.93      | 1.90    | ppb   |
| Zirconium  | 90-1  | 47.75    | 47.74    | 47.69     | 47.73      | 0.07    | ppb   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB94089             | Operator :        | Jaswal    |
| Lab Sample ID :         | ICSAB               | Instrumnet Name : | P8        |
| Client Sample ID :      | ICSAB               | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2018-03-22 12:52:14 | DataFile Name :   | 015ICSB.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|-----------|------|---------|---------|---------|------------|---------|-------|
| Zirconium | 91-1 | 46.94   | 46.79   | 47.31   | 47.01      | 0.57    | ppb   |

|                         |                     |                   |          |
|-------------------------|---------------------|-------------------|----------|
| LB Number :             | LB94089             | Operator :        | Jaswal   |
| Lab Sample ID :         | CCV007              | Instrumnet Name : | P8       |
| Client Sample ID :      | CCV007              | Dilution Factor : | 1        |
| Date & Time Acquired :: | 2018-03-22 12:55:31 | DataFile Name :   | 016CCV.d |

| Parameter  | Mass  | ConRep1   | ConRep2   | ConRep3   | Avg. Conc. | ConcRSD | Units |
|------------|-------|-----------|-----------|-----------|------------|---------|-------|
| Aluminium  | 27-2  | 47607.80  | 47843.58  | 47172.33  | 47541.24   | 0.72    | ppb   |
| Antimony   | 121-1 | 496.07    | 490.77    | 496.55    | 494.46     | 0.65    | ppb   |
| Arsenic    | 75-2  | 481.67    | 485.92    | 499.98    | 489.19     | 1.96    | ppb   |
| Barium     | 135-1 | 2502.22   | 2513.30   | 2521.47   | 2512.33    | 0.38    | ppb   |
| Barium     | 137-1 | 2495.86   | 2518.69   | 2506.27   | 2506.94    | 0.46    | ppb   |
| Beryllium  | 9-1   | 499.07    | 503.35    | 499.84    | 500.75     | 0.46    | ppb   |
| Bismuth    | 209-1 |           |           |           | 103        |         | %     |
| Bismuth    | 209-2 |           |           |           | 96         |         | %     |
| Boron      | 10-1  | 481.00    | 508.74    | 517.95    | 502.56     | 3.83    | ppb   |
| Boron      | 11-1  | 484.15    | 501.20    | 513.63    | 499.66     | 2.96    | ppb   |
| Cadmium    | 111-1 | 483.78    | 488.43    | 486.27    | 486.16     | 0.48    | ppb   |
| Cadmium    | 106-1 | 479.69    | 483.08    | 488.62    | 483.80     | 0.93    | ppb   |
| Cadmium    | 108-1 | 488.33    | 482.00    | 491.51    | 487.28     | 0.99    | ppb   |
| Calcium    | 43-1  | 238743.55 | 241767.32 | 238841.25 | 239784.04  | 0.72    | ppb   |
| Calcium    | 44-1  | 239975.17 | 241719.58 | 237834.40 | 239843.05  | 0.81    | ppb   |
| Chromium   | 52-2  | 506.52    | 506.89    | 500.88    | 504.76     | 0.67    | ppb   |
| Cobalt     | 59-2  | 483.81    | 486.26    | 474.07    | 481.38     | 1.34    | ppb   |
| Copper     | 63-2  | 933.62    | 934.09    | 918.36    | 928.69     | 0.96    | ppb   |
| Dysprosium | 156-1 |           |           |           |            |         | cps   |
| Dysprosium | 156-2 |           |           |           |            |         | cps   |
| Erbium     | 164-1 |           |           |           |            |         | cps   |
| Erbium     | 164-2 |           |           |           |            |         | cps   |
| Gadolinium | 160-1 |           |           |           |            |         | cps   |
| Gadolinium | 160-2 |           |           |           |            |         | cps   |
| Holmium    | 165-1 |           |           |           | 106        |         | %     |
| Holmium    | 165-2 |           |           |           | 99         |         | %     |
| Indium     | 115-1 |           |           |           | 98         |         | %     |
| Indium     | 115-2 |           |           |           | 92         |         | %     |
| Iron       | 56-2  | 118649.20 | 119645.13 | 117588.52 | 118627.62  | 0.87    | ppb   |
| Iron       | 57-2  | 118753.30 | 118367.09 | 116727.94 | 117949.44  | 0.91    | ppb   |
| Lead       | 206-1 | 496.02    | 493.62    | 495.02    | 494.89     | 0.24    | ppb   |
| Lead       | 207-1 | 498.35    | 499.95    | 499.24    | 499.18     | 0.16    | ppb   |
| Lead       | 208-1 | 500.50    | 501.62    | 499.60    | 500.58     | 0.20    | ppb   |
| Lithium    | 6-1   |           |           |           | 99         |         | %     |
| Magnesium  | 24-2  | 241680.31 | 244106.38 | 240401.08 | 242062.59  | 0.78    | ppb   |
| Manganese  | 55-2  | 974.19    | 979.10    | 954.15    | 969.14     | 1.36    | ppb   |

|                         |                     |                   |          |
|-------------------------|---------------------|-------------------|----------|
| LB Number :             | LB94089             | Operator :        | Jaswal   |
| Lab Sample ID :         | CCV007              | Instrumnet Name : | P8       |
| Client Sample ID :      | CCV007              | Dilution Factor : | 1        |
| Date & Time Acquired :: | 2018-03-22 12:55:31 | DataFile Name :   | 016CCV.d |

| Parameter  | Mass  | ConRep1   | ConRep2   | ConRep3   | Avg. Conc. | ConcRSD | Units |
|------------|-------|-----------|-----------|-----------|------------|---------|-------|
| Molybdenum | 94-1  | 2455.09   | 2444.49   | 2430.18   | 2443.26    | 0.51    | ppb   |
| Molybdenum | 95-1  | 2473.06   | 2453.04   | 2477.10   | 2467.73    | 0.52    | ppb   |
| Molybdenum | 96-1  | 2477.61   | 2448.20   | 2449.69   | 2458.50    | 0.67    | ppb   |
| Molybdenum | 97-1  | 2511.65   | 2472.25   | 2473.43   | 2485.78    | 0.90    | ppb   |
| Molybdenum | 98-1  | 2466.46   | 2449.36   | 2469.05   | 2461.62    | 0.43    | ppb   |
| Neodymium  | 150-1 |           |           |           |            |         | cps   |
| Neodymium  | 150-2 |           |           |           |            |         | cps   |
| Nickel     | 60-2  | 487.30    | 490.64    | 483.90    | 487.28     | 0.69    | ppb   |
| Phosphorus | 31-2  | 10326.28  | 10095.04  | 9817.89   | 10079.74   | 2.53    | ppb   |
| Potassium  | 39-2  | 123206.70 | 122711.29 | 120066.46 | 121994.82  | 1.38    | ppb   |
| Rhodium    | 103-1 |           |           |           | 94         |         | %     |
| Rhodium    | 103-2 |           |           |           | 94         |         | %     |
| Scandium   | 45-1  |           |           |           | 97         |         | %     |
| Scandium   | 45-2  |           |           |           | 95         |         | %     |
| Selenium   | 77-2  | 543.36    | 462.37    | 530.13    | 511.95     | 8.49    | ppb   |
| Selenium   | 78-2  | 494.80    | 493.52    | 487.83    | 492.05     | 0.75    | ppb   |
| Selenium   | 82-1  | 484.85    | 480.71    | 481.06    | 482.21     | 0.48    | ppb   |
| Silicon    | 28-1  | 562.76    | 567.97    | 560.56    | 563.76     | 0.67    | ppb   |
| Silver     | 109-1 | 489.51    | 491.50    | 488.80    | 489.93     | 0.29    | ppb   |
| Silver     | 107-1 | 487.29    | 488.36    | 491.93    | 489.19     | 0.50    | ppb   |
| Sodium     | 23-2  | 249263.38 | 249122.65 | 242410.92 | 246932.31  | 1.59    | ppb   |
| Strontium  | 86-1  | 497.22    | 500.11    | 496.54    | 497.96     | 0.38    | ppb   |
| Strontium  | 88-1  | 506.98    | 501.69    | 499.87    | 502.85     | 0.73    | ppb   |
| Sulfur     | 34-1  | 11560.17  | 11876.53  | 11194.06  | 11543.59   | 2.96    | ppb   |
| Terbium    | 159-1 |           |           |           | 105        |         | %     |
| Terbium    | 159-2 |           |           |           | 99         |         | %     |
| Thallium   | 203-1 | 500.06    | 503.64    | 500.67    | 501.46     | 0.38    | ppb   |
| Thallium   | 205-1 | 500.97    | 497.73    | 503.58    | 500.76     | 0.59    | ppb   |
| Tin        | 118-1 | 497.17    | 500.86    | 505.82    | 501.28     | 0.87    | ppb   |
| Titanium   | 47-1  | 2498.87   | 2480.02   | 2461.08   | 2479.99    | 0.76    | ppb   |
| Uranium    | 238-1 | 500.61    | 501.25    | 502.26    | 501.37     | 0.17    | ppb   |
| Vanadium   | 51-2  | 490.50    | 493.50    | 484.74    | 489.58     | 0.91    | ppb   |
| Yttrium    | 89-1  |           |           |           | 100        |         | %     |
| Yttrium    | 89-2  |           |           |           | 96         |         | %     |
| Zinc       | 66-2  | 971.38    | 974.03    | 951.83    | 965.75     | 1.26    | ppb   |
| Zirconium  | 90-1  | 496.09    | 494.34    | 495.97    | 495.47     | 0.20    | ppb   |



|                         |                     |                   |          |
|-------------------------|---------------------|-------------------|----------|
| LB Number :             | LB94089             | Operator :        | Jaswal   |
| Lab Sample ID :         | CCV007              | Instrumnet Name : | P8       |
| Client Sample ID :      | CCV007              | Dilution Factor : | 1        |
| Date & Time Acquired :: | 2018-03-22 12:55:31 | DataFile Name :   | 016CCV.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|-----------|------|---------|---------|---------|------------|---------|-------|
| Zirconium | 91-1 | 485.72  | 486.05  | 487.67  | 486.48     | 0.21    | ppb   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB94089             | Operator :        | Jaswal    |
| Lab Sample ID :         | CCB007              | Instrumnet Name : | P8        |
| Client Sample ID :      | CCB007              | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2018-03-22 13:00:40 | DataFile Name :   | 017CCBE.d |

| Parameter  | Mass  | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|------------|-------|---------|---------|---------|------------|---------|-------|
| Aluminium  | 27-2  | -1.10   | 2.32    | 4.09    | 1.77       | 148.80  | ppb   |
| Antimony   | 121-1 | 0.73    | 1.01    | 1.07    | 0.94       | 19.61   | ppb   |
| Arsenic    | 75-2  | 0.15    | 0.22    | 0.02    | 0.13       | 78.58   | ppb   |
| Barium     | 135-1 | -0.02   | 0.02    | -0.01   | 0.00       |         | ppb   |
| Barium     | 137-1 | 0.00    | 0.01    | 0.01    | 0.01       | 51.94   | ppb   |
| Beryllium  | 9-1   | 0.20    | 0.26    | 0.33    | 0.26       | 24.50   | ppb   |
| Bismuth    | 209-1 |         |         |         | 107        |         | %     |
| Bismuth    | 209-2 |         |         |         | 100        |         | %     |
| Boron      | 10-1  | 12.98   | 13.19   | 10.53   | 12.23      | 12.09   | ppb   |
| Boron      | 11-1  | 10.87   | 10.13   | 8.96    | 9.98       | 9.68    | ppb   |
| Cadmium    | 111-1 | -0.18   | -0.03   | -0.07   | -0.09      |         | ppb   |
| Cadmium    | 106-1 | -2.88   | -0.59   | -1.12   | -1.53      |         | ppb   |
| Cadmium    | 108-1 | 0.03    | 0.03    | 0.03    | 0.03       | 4.91    | ppb   |
| Calcium    | 43-1  | -11.06  | 7.38    | 2.27    | -0.47      |         | ppb   |
| Calcium    | 44-1  | -3.23   | -5.79   | -4.27   | -4.43      |         | ppb   |
| Chromium   | 52-2  | 0.05    | -0.04   | -0.04   | -0.01      |         | ppb   |
| Cobalt     | 59-2  | 0.02    | 0.00    | -0.01   | 0.00       | 304.16  | ppb   |
| Copper     | 63-2  | 0.03    | 0.04    | -0.03   | 0.02       | 240.67  | ppb   |
| Dysprosium | 156-1 |         |         |         |            |         | cps   |
| Dysprosium | 156-2 |         |         |         |            |         | cps   |
| Erbium     | 164-1 |         |         |         |            |         | cps   |
| Erbium     | 164-2 |         |         |         |            |         | cps   |
| Gadolinium | 160-1 |         |         |         |            |         | cps   |
| Gadolinium | 160-2 |         |         |         |            |         | cps   |
| Holmium    | 165-1 |         |         |         | 105        |         | %     |
| Holmium    | 165-2 |         |         |         | 99         |         | %     |
| Indium     | 115-1 |         |         |         | 100        |         | %     |
| Indium     | 115-2 |         |         |         | 95         |         | %     |
| Iron       | 56-2  | 5.50    | 5.58    | 4.76    | 5.28       | 8.60    | ppb   |
| Iron       | 57-2  | 4.55    | 6.15    | 7.92    | 6.20       | 27.15   | ppb   |
| Lead       | 206-1 | 0.07    | 0.09    | 0.08    | 0.08       | 8.47    | ppb   |
| Lead       | 207-1 | 0.09    | 0.07    | 0.09    | 0.08       | 14.19   | ppb   |
| Lead       | 208-1 | 0.08    | 0.07    | 0.09    | 0.08       | 9.08    | ppb   |
| Lithium    | 6-1   |         |         |         | 102        |         | %     |
| Magnesium  | 24-2  | 2.32    | 1.11    | 1.61    | 1.68       | 36.22   | ppb   |
| Manganese  | 55-2  | -0.03   | 0.08    | 0.04    | 0.03       | 193.37  | ppb   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB94089             | Operator :        | Jaswal    |
| Lab Sample ID :         | CCB007              | Instrumnet Name : | P8        |
| Client Sample ID :      | CCB007              | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2018-03-22 13:00:40 | DataFile Name :   | 017CCBE.d |

| Parameter  | Mass  | ConRep1  | ConRep2 | ConRep3  | Avg. Conc. | ConcRSD | Units |
|------------|-------|----------|---------|----------|------------|---------|-------|
| Molybdenum | 94-1  | 0.65     | 0.91    | 1.05     | 0.87       | 23.25   | ppb   |
| Molybdenum | 95-1  | 0.96     | 1.04    | 1.40     | 1.13       | 20.57   | ppb   |
| Molybdenum | 96-1  | 0.79     | 1.08    | 1.28     | 1.05       | 23.43   | ppb   |
| Molybdenum | 97-1  | 0.76     | 1.08    | 1.49     | 1.11       | 32.54   | ppb   |
| Molybdenum | 98-1  | 0.79     | 1.08    | 1.31     | 1.06       | 24.48   | ppb   |
| Neodymium  | 150-1 |          |         |          |            |         | cps   |
| Neodymium  | 150-2 |          |         |          |            |         | cps   |
| Nickel     | 60-2  | -0.21    | -0.07   | -0.18    | -0.15      |         | ppb   |
| Phosphorus | 31-2  | 1.23     | -24.84  | 27.52    | 1.30       | 2010.38 | ppb   |
| Potassium  | 39-2  | 15.01    | -18.50  | -1.60    | -1.70      |         | ppb   |
| Rhodium    | 103-1 |          |         |          | 99         |         | %     |
| Rhodium    | 103-2 |          |         |          | 99         |         | %     |
| Scandium   | 45-1  |          |         |          | 97         |         | %     |
| Scandium   | 45-2  |          |         |          | 94         |         | %     |
| Selenium   | 77-2  | -2.29    | -2.29   | -2.29    | -2.29      |         | ppb   |
| Selenium   | 78-2  | -1.41    | -1.41   | -1.41    | -1.41      |         | ppb   |
| Selenium   | 82-1  | -0.62    | -0.40   | 0.14     | -0.29      |         | ppb   |
| Silicon    | 28-1  | -20.12   | -19.09  | -21.42   | -20.21     |         | ppb   |
| Silver     | 109-1 | 0.01     | 0.02    | 0.02     | 0.02       | 26.83   | ppb   |
| Silver     | 107-1 | 0.02     | 0.01    | 0.02     | 0.02       | 26.67   | ppb   |
| Sodium     | 23-2  | 64.46    | 57.52   | 56.38    | 59.45      | 7.35    | ppb   |
| Strontium  | 86-1  | 0.05     | -0.02   | -0.04    | 0.00       |         | ppb   |
| Strontium  | 88-1  | 0.01     | 0.00    | 0.00     | 0.00       | 129.41  | ppb   |
| Sulfur     | 34-1  | -1216.27 | -958.03 | -1491.46 | -1221.92   |         | ppb   |
| Terbium    | 159-1 |          |         |          | 105        |         | %     |
| Terbium    | 159-2 |          |         |          | 100        |         | %     |
| Thallium   | 203-1 | 0.17     | 0.14    | 0.12     | 0.14       | 17.77   | ppb   |
| Thallium   | 205-1 | 0.15     | 0.14    | 0.13     | 0.14       | 6.51    | ppb   |
| Tin        | 118-1 | 0.12     | 0.17    | 0.14     | 0.14       | 14.87   | ppb   |
| Titanium   | 47-1  | -0.02    | 0.09    | 0.03     | 0.03       | 164.80  | ppb   |
| Uranium    | 238-1 | 0.00     | 0.00    | 0.00     | 0.00       | 36.38   | ppb   |
| Vanadium   | 51-2  | 0.00     | 0.00    | 0.00     | 0.00       | 1826.99 | ppb   |
| Yttrium    | 89-1  |          |         |          | 99         |         | %     |
| Yttrium    | 89-2  |          |         |          | 95         |         | %     |
| Zinc       | 66-2  | 0.06     | -0.12   | 0.03     | -0.01      |         | ppb   |
| Zirconium  | 90-1  | 0.04     | 0.04    | 0.04     | 0.04       | 4.91    | ppb   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB94089             | Operator :        | Jaswal    |
| Lab Sample ID :         | CCB007              | Instrumnet Name : | P8        |
| Client Sample ID :      | CCB007              | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2018-03-22 13:00:40 | DataFile Name :   | 017CCBE.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|-----------|------|---------|---------|---------|------------|---------|-------|
| Zirconium | 91-1 | 0.07    | 0.02    | 0.03    | 0.04       | 61.49   | ppb   |

LB Number : LB94089 Operator : Jaswal  
 Lab Sample ID : CRI Instrumnet Name : P8  
 Client Sample ID : CRI Dilution Factor : 1  
 Date & Time Acquired :: 2018-03-22 13:04:01 DataFile Name : 018CCBE.d

| Parameter  | Mass  | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|------------|-------|---------|---------|---------|------------|---------|-------|
| Aluminium  | 27-2  | 15.93   | 12.34   | 16.45   | 14.91      | 15.00   | ppb   |
| Antimony   | 121-1 | 2.13    | 2.26    | 2.32    | 2.23       | 4.26    | ppb   |
| Arsenic    | 75-2  | 0.94    | 0.95    | 1.13    | 1.01       | 10.29   | ppb   |
| Barium     | 135-1 | 9.39    | 9.48    | 9.17    | 9.35       | 1.70    | ppb   |
| Barium     | 137-1 | 9.57    | 9.18    | 9.57    | 9.44       | 2.34    | ppb   |
| Beryllium  | 9-1   | 0.99    | 1.10    | 0.99    | 1.03       | 6.16    | ppb   |
| Bismuth    | 209-1 |         |         |         | 108        |         | %     |
| Bismuth    | 209-2 |         |         |         | 102        |         | %     |
| Boron      | 10-1  | 26.59   | 30.54   | 26.23   | 27.79      | 8.60    | ppb   |
| Boron      | 11-1  | 28.30   | 27.55   | 28.64   | 28.17      | 2.00    | ppb   |
| Cadmium    | 111-1 | 0.84    | 0.79    | 0.88    | 0.84       | 5.41    | ppb   |
| Cadmium    | 106-1 | -0.21   | -1.64   | 0.63    | -0.41      |         | ppb   |
| Cadmium    | 108-1 | 0.89    | 1.02    | 0.75    | 0.89       | 15.14   | ppb   |
| Calcium    | 43-1  | 438.42  | 416.54  | 460.17  | 438.38     | 4.98    | ppb   |
| Calcium    | 44-1  | 436.91  | 433.33  | 444.51  | 438.25     | 1.30    | ppb   |
| Chromium   | 52-2  | 1.87    | 1.89    | 2.02    | 1.93       | 4.16    | ppb   |
| Cobalt     | 59-2  | 0.97    | 0.94    | 0.97    | 0.96       | 1.38    | ppb   |
| Copper     | 63-2  | 1.98    | 1.80    | 1.98    | 1.92       | 5.46    | 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 |         |         |         | 105        |         | %     |
| Holmium    | 165-2 |         |         |         | 99         |         | %     |
| Indium     | 115-1 |         |         |         | 101        |         | %     |
| Indium     | 115-2 |         |         |         | 96         |         | %     |
| Iron       | 56-2  | 49.33   | 49.35   | 54.27   | 50.98      | 5.57    | ppb   |
| Iron       | 57-2  | 47.32   | 59.66   | 52.19   | 53.05      | 11.72   | ppb   |
| Lead       | 206-1 | 0.99    | 0.92    | 0.93    | 0.95       | 3.89    | ppb   |
| Lead       | 207-1 | 0.93    | 0.91    | 1.03    | 0.96       | 6.87    | ppb   |
| Lead       | 208-1 | 0.96    | 0.95    | 0.97    | 0.96       | 1.10    | ppb   |
| Lithium    | 6-1   |         |         |         | 103        |         | %     |
| Magnesium  | 24-2  | 440.70  | 444.47  | 461.89  | 449.02     | 2.52    | ppb   |
| Manganese  | 55-2  | 0.72    | 0.99    | 0.56    | 0.76       | 28.73   | ppb   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB94089             | Operator :        | Jaswal    |
| Lab Sample ID :         | CRI                 | Instrumnet Name : | P8        |
| Client Sample ID :      | CRI                 | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2018-03-22 13:04:01 | DataFile Name :   | 018CCBE.d |

| Parameter  | Mass  | ConRep1  | ConRep2 | ConRep3  | Avg. Conc. | ConcRSD | Units |
|------------|-------|----------|---------|----------|------------|---------|-------|
| Molybdenum | 94-1  | 5.06     | 5.02    | 4.78     | 4.95       | 3.09    | ppb   |
| Molybdenum | 95-1  | 4.60     | 4.94    | 5.14     | 4.89       | 5.53    | ppb   |
| Molybdenum | 96-1  | 5.03     | 5.12    | 5.06     | 5.07       | 0.95    | ppb   |
| Molybdenum | 97-1  | 4.91     | 5.04    | 4.95     | 4.97       | 1.37    | ppb   |
| Molybdenum | 98-1  | 4.84     | 5.05    | 5.08     | 4.99       | 2.69    | ppb   |
| Neodymium  | 150-1 |          |         |          |            |         | cps   |
| Neodymium  | 150-2 |          |         |          |            |         | cps   |
| Nickel     | 60-2  | 1.00     | 0.77    | 0.82     | 0.86       | 14.08   | ppb   |
| Phosphorus | 31-2  | 0.93     | 0.58    | 1.71     | 1.07       | 53.75   | ppb   |
| Potassium  | 39-2  | 459.12   | 405.56  | 498.49   | 454.39     | 10.27   | ppb   |
| Rhodium    | 103-1 |          |         |          | 100        |         | %     |
| Rhodium    | 103-2 |          |         |          | 100        |         | %     |
| Scandium   | 45-1  |          |         |          | 98         |         | %     |
| Scandium   | 45-2  |          |         |          | 95         |         | %     |
| Selenium   | 77-2  | 11.81    | 4.83    | -2.29    | 4.79       | 147.28  | ppb   |
| Selenium   | 78-2  | 10.57    | 4.10    | 4.21     | 6.29       | 58.85   | ppb   |
| Selenium   | 82-1  | 4.82     | 3.96    | 5.17     | 4.65       | 13.40   | ppb   |
| Silicon    | 28-1  | -5.97    | -6.60   | -6.37    | -6.31      |         | ppb   |
| Silver     | 109-1 | 0.99     | 0.87    | 0.99     | 0.95       | 7.08    | ppb   |
| Silver     | 107-1 | 0.94     | 0.96    | 1.00     | 0.97       | 3.24    | ppb   |
| Sodium     | 23-2  | 503.99   | 476.65  | 500.47   | 493.70     | 3.01    | ppb   |
| Strontium  | 86-1  | 0.75     | 0.93    | 0.88     | 0.86       | 11.26   | ppb   |
| Strontium  | 88-1  | 0.93     | 0.94    | 0.94     | 0.93       | 0.86    | ppb   |
| Sulfur     | 34-1  | -1155.19 | -899.96 | -1247.90 | -1101.02   |         | ppb   |
| Terbium    | 159-1 |          |         |          | 105        |         | %     |
| Terbium    | 159-2 |          |         |          | 99         |         | %     |
| Thallium   | 203-1 | 0.95     | 0.99    | 1.02     | 0.99       | 3.90    | ppb   |
| Thallium   | 205-1 | 1.01     | 1.00    | 1.04     | 1.02       | 2.31    | ppb   |
| Tin        | 118-1 | 4.63     | 4.65    | 4.57     | 4.62       | 0.91    | ppb   |
| Titanium   | 47-1  | 4.63     | 4.54    | 4.21     | 4.46       | 4.91    | ppb   |
| Uranium    | 238-1 | 0.91     | 0.89    | 0.85     | 0.88       | 3.34    | ppb   |
| Vanadium   | 51-2  | 4.87     | 4.21    | 4.48     | 4.52       | 7.32    | ppb   |
| Yttrium    | 89-1  |          |         |          | 99         |         | %     |
| Yttrium    | 89-2  |          |         |          | 96         |         | %     |
| Zinc       | 66-2  | 2.26     | 2.19    | 2.06     | 2.17       | 4.67    | ppb   |
| Zirconium  | 90-1  | 0.98     | 1.00    | 1.02     | 1.00       | 2.07    | ppb   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB94089             | Operator :        | Jaswal    |
| Lab Sample ID :         | CRI                 | Instrumnet Name : | P8        |
| Client Sample ID :      | CRI                 | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2018-03-22 13:04:01 | DataFile Name :   | 018CCBE.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|-----------|------|---------|---------|---------|------------|---------|-------|
| Zirconium | 91-1 | 0.95    | 1.18    | 1.06    | 1.06       | 10.86   | ppb   |

LB Number : LB94089 Operator : Jaswal  
 Lab Sample ID : PB107520BL Instrumnet Name : P8  
 Client Sample ID : PBS008 Dilution Factor : 1  
 Date & Time Acquired :: 2018-03-22 13:07:35 DataFile Name : 019CCBE.d

| Parameter  | Mass  | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|------------|-------|---------|---------|---------|------------|---------|-------|
| Aluminium  | 27-2  | 0.61    | -1.10   | -1.10   | -0.53      |         | ppb   |
| Antimony   | 121-1 | 0.20    | 0.24    | 0.35    | 0.26       | 27.73   | ppb   |
| Arsenic    | 75-2  | 0.04    | 0.07    | 0.02    | 0.04       | 59.97   | ppb   |
| Barium     | 135-1 | 0.00    | -0.03   | 0.00    | -0.01      |         | ppb   |
| Barium     | 137-1 | 0.02    | 0.02    | 0.00    | 0.01       | 90.32   | ppb   |
| Beryllium  | 9-1   | 0.12    | 0.11    | 0.15    | 0.13       | 15.17   | ppb   |
| Bismuth    | 209-1 |         |         |         | 108        |         | %     |
| Bismuth    | 209-2 |         |         |         | 101        |         | %     |
| Boron      | 10-1  | 5.91    | 6.83    | 6.88    | 6.54       | 8.39    | ppb   |
| Boron      | 11-1  | 6.78    | 7.39    | 6.98    | 7.05       | 4.44    | ppb   |
| Cadmium    | 111-1 | -0.09   | -0.12   | -0.08   | -0.10      |         | ppb   |
| Cadmium    | 106-1 | -1.32   | -1.54   | -1.15   | -1.33      |         | ppb   |
| Cadmium    | 108-1 | 0.07    | -0.02   | -0.02   | 0.01       | 461.00  | ppb   |
| Calcium    | 43-1  | 4.58    | -5.09   | 7.22    | 2.24       | 289.79  | ppb   |
| Calcium    | 44-1  | -8.04   | -7.63   | -3.92   | -6.53      |         | ppb   |
| Chromium   | 52-2  | -0.05   | -0.05   | -0.03   | -0.04      |         | ppb   |
| Cobalt     | 59-2  | 0.00    | 0.00    | -0.01   | 0.00       |         | ppb   |
| Copper     | 63-2  | 0.04    | 0.05    | -0.01   | 0.03       | 114.67  | ppb   |
| Dysprosium | 156-1 |         |         |         |            |         | cps   |
| Dysprosium | 156-2 |         |         |         |            |         | cps   |
| Erbium     | 164-1 |         |         |         |            |         | cps   |
| Erbium     | 164-2 |         |         |         |            |         | cps   |
| Gadolinium | 160-1 |         |         |         |            |         | cps   |
| Gadolinium | 160-2 |         |         |         |            |         | cps   |
| Holmium    | 165-1 |         |         |         | 105        |         | %     |
| Holmium    | 165-2 |         |         |         | 100        |         | %     |
| Indium     | 115-1 |         |         |         | 101        |         | %     |
| Indium     | 115-2 |         |         |         | 96         |         | %     |
| Iron       | 56-2  | 2.85    | 2.50    | 2.35    | 2.57       | 10.11   | ppb   |
| Iron       | 57-2  | 2.29    | 1.91    | 3.88    | 2.69       | 38.82   | ppb   |
| Lead       | 206-1 | 0.05    | 0.05    | 0.03    | 0.04       | 29.95   | ppb   |
| Lead       | 207-1 | 0.04    | 0.04    | 0.04    | 0.04       | 3.06    | ppb   |
| Lead       | 208-1 | 0.04    | 0.04    | 0.04    | 0.04       | 8.45    | ppb   |
| Lithium    | 6-1   |         |         |         | 102        |         | %     |
| Magnesium  | 24-2  | -0.75   | 5.12    | -0.47   | 1.30       | 254.47  | ppb   |
| Manganese  | 55-2  | -0.02   | -0.05   | 0.00    | -0.02      |         | ppb   |



|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB94089             | Operator :        | Jaswal    |
| Lab Sample ID :         | PB107520BL          | Instrumnet Name : | P8        |
| Client Sample ID :      | PBS008              | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2018-03-22 13:07:35 | DataFile Name :   | 019CCBE.d |

| Parameter  | Mass  | ConRep1  | ConRep2  | ConRep3 | Avg. Conc. | ConcRSD | Units |
|------------|-------|----------|----------|---------|------------|---------|-------|
| Molybdenum | 94-1  | 0.18     | 0.25     | 0.34    | 0.26       | 30.38   | ppb   |
| Molybdenum | 95-1  | 0.18     | 0.28     | 0.35    | 0.27       | 31.98   | ppb   |
| Molybdenum | 96-1  | 0.23     | 0.25     | 0.31    | 0.27       | 16.07   | ppb   |
| Molybdenum | 97-1  | 0.21     | 0.28     | 0.44    | 0.31       | 37.72   | ppb   |
| Molybdenum | 98-1  | 0.14     | 0.24     | 0.37    | 0.25       | 45.11   | ppb   |
| Neodymium  | 150-1 |          |          |         |            |         | cps   |
| Neodymium  | 150-2 |          |          |         |            |         | cps   |
| Nickel     | 60-2  | -0.27    | -0.08    | -0.35   | -0.23      |         | ppb   |
| Phosphorus | 31-2  | -24.84   | -24.84   | 0.70    | -16.33     |         | ppb   |
| Potassium  | 39-2  | -13.32   | -8.92    | -29.64  | -17.30     |         | ppb   |
| Rhodium    | 103-1 |          |          |         | 100        |         | %     |
| Rhodium    | 103-2 |          |          |         | 100        |         | %     |
| Scandium   | 45-1  |          |          |         | 98         |         | %     |
| Scandium   | 45-2  |          |          |         | 94         |         | %     |
| Selenium   | 77-2  | -2.29    | -2.29    | 4.77    | 0.07       | 6214.46 | ppb   |
| Selenium   | 78-2  | -0.30    | -0.29    | -0.32   | -0.30      |         | ppb   |
| Selenium   | 82-1  | 0.22     | -0.10    | -0.14   | -0.01      |         | ppb   |
| Silicon    | 28-1  | -23.25   | -25.44   | -23.19  | -23.96     |         | ppb   |
| Silver     | 109-1 | 0.00     | 0.02     | 0.01    | 0.01       | 91.86   | ppb   |
| Silver     | 107-1 | 0.00     | 0.01     | 0.00    | 0.00       | 140.52  | ppb   |
| Sodium     | 23-2  | 35.62    | 41.10    | 30.65   | 35.79      | 14.60   | ppb   |
| Strontium  | 86-1  | 0.00     | -0.02    | 0.02    | 0.00       |         | ppb   |
| Strontium  | 88-1  | 0.01     | 0.00     | 0.00    | 0.00       | 149.49  | ppb   |
| Sulfur     | 34-1  | -1212.30 | -1158.50 | -957.15 | -1109.32   |         | ppb   |
| Terbium    | 159-1 |          |          |         | 105        |         | %     |
| Terbium    | 159-2 |          |          |         | 100        |         | %     |
| Thallium   | 203-1 | 0.11     | 0.08     | 0.08    | 0.09       | 18.36   | ppb   |
| Thallium   | 205-1 | 0.08     | 0.08     | 0.08    | 0.08       | 3.19    | ppb   |
| Tin        | 118-1 | 0.00     | 0.01     | 0.04    | 0.02       | 110.07  | ppb   |
| Titanium   | 47-1  | -0.01    | 0.10     | -0.03   | 0.02       | 400.62  | ppb   |
| Uranium    | 238-1 | 0.00     | 0.00     | 0.00    | 0.00       |         | ppb   |
| Vanadium   | 51-2  | 0.00     | 0.00     | 0.01    | 0.01       | 78.66   | ppb   |
| Yttrium    | 89-1  |          |          |         | 100        |         | %     |
| Yttrium    | 89-2  |          |          |         | 96         |         | %     |
| Zinc       | 66-2  | -0.12    | 0.47     | 0.12    | 0.16       | 187.48  | ppb   |
| Zirconium  | 90-1  | 0.02     | 0.00     | 0.02    | 0.01       | 87.56   | ppb   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB94089             | Operator :        | Jaswal    |
| Lab Sample ID :         | PB107520BL          | Instrumnet Name : | P8        |
| Client Sample ID :      | PBS008              | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2018-03-22 13:07:35 | DataFile Name :   | 019CCBE.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|-----------|------|---------|---------|---------|------------|---------|-------|
| Zirconium | 91-1 | 0.03    | 0.03    | 0.03    | 0.03       | 10.81   | ppb   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB94089             | Operator :        | Jaswal    |
| Lab Sample ID :         | PB107520BS          | Instrumnet Name : | P8        |
| Client Sample ID :      | LCS008              | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2018-03-22 13:10:56 | DataFile Name :   | 020LCSE.d |

| Parameter  | Mass  | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|------------|-------|---------|---------|---------|------------|---------|-------|
| Aluminium  | 27-2  | 25.08   | 59.05   | 42.74   | 42.29      | 40.18   | ppb   |
| Antimony   | 121-1 | 3.89    | 3.96    | 4.34    | 4.06       | 5.92    | ppb   |
| Arsenic    | 75-2  | 1.86    | 1.92    | 2.47    | 2.09       | 16.17   | ppb   |
| Barium     | 135-1 | 19.22   | 19.35   | 20.94   | 19.84      | 4.83    | ppb   |
| Barium     | 137-1 | 18.95   | 19.43   | 21.07   | 19.82      | 5.61    | ppb   |
| Beryllium  | 9-1   | 2.14    | 1.82    | 2.41    | 2.12       | 13.96   | ppb   |
| Bismuth    | 209-1 |         |         |         | 105        |         | %     |
| Bismuth    | 209-2 |         |         |         | 101        |         | %     |
| Boron      | 10-1  | 45.26   | 51.09   | 55.08   | 50.48      | 9.79    | ppb   |
| Boron      | 11-1  | 48.04   | 48.32   | 53.79   | 50.05      | 6.47    | ppb   |
| Cadmium    | 111-1 | 1.92    | 1.97    | 2.03    | 1.97       | 2.87    | ppb   |
| Cadmium    | 106-1 | 1.55    | 0.73    | 1.15    | 1.14       | 36.13   | ppb   |
| Cadmium    | 108-1 | 2.50    | 1.74    | 1.89    | 2.04       | 19.72   | ppb   |
| Calcium    | 43-1  | 870.96  | 940.40  | 1005.08 | 938.81     | 7.14    | ppb   |
| Calcium    | 44-1  | 907.49  | 926.53  | 1000.53 | 944.85     | 5.20    | ppb   |
| Chromium   | 52-2  | 4.03    | 3.90    | 4.03    | 3.99       | 2.01    | ppb   |
| Cobalt     | 59-2  | 2.07    | 2.02    | 2.18    | 2.09       | 3.85    | ppb   |
| Copper     | 63-2  | 3.93    | 3.73    | 3.67    | 3.78       | 3.49    | ppb   |
| Dysprosium | 156-1 |         |         |         |            |         | cps   |
| Dysprosium | 156-2 |         |         |         |            |         | cps   |
| Erbium     | 164-1 |         |         |         |            |         | cps   |
| Erbium     | 164-2 |         |         |         |            |         | cps   |
| Gadolinium | 160-1 |         |         |         |            |         | cps   |
| Gadolinium | 160-2 |         |         |         |            |         | cps   |
| Holmium    | 165-1 |         |         |         | 103        |         | %     |
| Holmium    | 165-2 |         |         |         | 100        |         | %     |
| Indium     | 115-1 |         |         |         | 98         |         | %     |
| Indium     | 115-2 |         |         |         | 96         |         | %     |
| Iron       | 56-2  | 351.56  | 336.13  | 342.31  | 343.33     | 2.26    | ppb   |
| Iron       | 57-2  | 347.34  | 322.29  | 325.79  | 331.81     | 4.09    | ppb   |
| Lead       | 206-1 | 1.93    | 1.87    | 2.08    | 1.96       | 5.48    | ppb   |
| Lead       | 207-1 | 1.87    | 1.89    | 2.09    | 1.95       | 6.35    | ppb   |
| Lead       | 208-1 | 1.91    | 1.91    | 2.09    | 1.97       | 5.33    | ppb   |
| Lithium    | 6-1   |         |         |         | 100        |         | %     |
| Magnesium  | 24-2  | 1002.80 | 933.40  | 955.54  | 963.91     | 3.68    | ppb   |
| Manganese  | 55-2  | 1.86    | 2.25    | 2.14    | 2.08       | 9.64    | ppb   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB94089             | Operator :        | Jaswal    |
| Lab Sample ID :         | PB107520BS          | Instrumnet Name : | P8        |
| Client Sample ID :      | LCS008              | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2018-03-22 13:10:56 | DataFile Name :   | 020LCSE.d |

| Parameter  | Mass  | ConRep1  | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|------------|-------|----------|---------|---------|------------|---------|-------|
| Molybdenum | 94-1  | 9.41     | 9.64    | 10.63   | 9.90       | 6.52    | ppb   |
| Molybdenum | 95-1  | 9.47     | 9.79    | 10.18   | 9.81       | 3.62    | ppb   |
| Molybdenum | 96-1  | 9.34     | 9.74    | 10.42   | 9.83       | 5.57    | ppb   |
| Molybdenum | 97-1  | 9.61     | 9.78    | 10.22   | 9.87       | 3.20    | ppb   |
| Molybdenum | 98-1  | 9.22     | 9.78    | 10.58   | 9.86       | 6.96    | ppb   |
| Neodymium  | 150-1 |          |         |         |            |         | cps   |
| Neodymium  | 150-2 |          |         |         |            |         | cps   |
| Nickel     | 60-2  | 1.82     | 1.95    | 1.71    | 1.82       | 6.49    | ppb   |
| Phosphorus | 31-2  | 1.56     | 0.44    | 0.67    | 0.89       | 66.35   | ppb   |
| Potassium  | 39-2  | 994.16   | 881.78  | 945.03  | 940.32     | 5.99    | ppb   |
| Rhodium    | 103-1 |          |         |         | 98         |         | %     |
| Rhodium    | 103-2 |          |         |         | 100        |         | %     |
| Scandium   | 45-1  |          |         |         | 96         |         | %     |
| Scandium   | 45-2  |          |         |         | 95         |         | %     |
| Selenium   | 77-2  | -2.29    | 18.94   | 4.78    | 7.14       | 151.33  | ppb   |
| Selenium   | 78-2  | 7.51     | 7.34    | 10.61   | 8.49       | 21.70   | ppb   |
| Selenium   | 82-1  | 9.92     | 9.67    | 11.32   | 10.30      | 8.63    | ppb   |
| Silicon    | 28-1  | 7.28     | 10.96   | 25.08   | 14.44      | 65.10   | ppb   |
| Silver     | 109-1 | 2.04     | 2.03    | 2.22    | 2.09       | 5.00    | ppb   |
| Silver     | 107-1 | 1.98     | 2.01    | 2.13    | 2.04       | 3.91    | ppb   |
| Sodium     | 23-2  | 975.86   | 935.50  | 946.04  | 952.47     | 2.20    | ppb   |
| Strontium  | 86-1  | 2.07     | 2.15    | 2.28    | 2.17       | 4.90    | ppb   |
| Strontium  | 88-1  | 1.91     | 1.93    | 2.13    | 1.99       | 6.25    | ppb   |
| Sulfur     | 34-1  | -1231.64 | -866.08 | 443.06  | -551.55    |         | ppb   |
| Terbium    | 159-1 |          |         |         | 104        |         | %     |
| Terbium    | 159-2 |          |         |         | 100        |         | %     |
| Thallium   | 203-1 | 2.04     | 1.97    | 2.14    | 2.05       | 4.25    | ppb   |
| Thallium   | 205-1 | 1.91     | 2.00    | 2.21    | 2.04       | 7.42    | ppb   |
| Tin        | 118-1 | 9.19     | 9.46    | 9.95    | 9.53       | 4.06    | ppb   |
| Titanium   | 47-1  | 9.09     | 9.00    | 9.26    | 9.12       | 1.47    | ppb   |
| Uranium    | 238-1 | 1.77     | 1.79    | 2.00    | 1.85       | 6.85    | ppb   |
| Vanadium   | 51-2  | 9.26     | 9.66    | 9.77    | 9.56       | 2.80    | ppb   |
| Yttrium    | 89-1  |          |         |         | 97         |         | %     |
| Yttrium    | 89-2  |          |         |         | 96         |         | %     |
| Zinc       | 66-2  | 5.17     | 4.10    | 4.04    | 4.44       | 14.29   | ppb   |
| Zirconium  | 90-1  | 1.91     | 2.04    | 2.22    | 2.05       | 7.54    | ppb   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB94089             | Operator :        | Jaswal    |
| Lab Sample ID :         | PB107520BS          | Instrumnet Name : | P8        |
| Client Sample ID :      | LCS008              | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2018-03-22 13:10:56 | DataFile Name :   | 020LCSE.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|-----------|------|---------|---------|---------|------------|---------|-------|
| Zirconium | 91-1 | 1.87    | 2.07    | 2.13    | 2.02       | 6.69    | ppb   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB94089             | Operator :        | Jaswal    |
| Lab Sample ID :         | PB107523BL          | Instrumnet Name : | P8        |
| Client Sample ID :      | PBS008              | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2018-03-22 13:14:18 | DataFile Name :   | 021CCBE.d |

| Parameter  | Mass  | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|------------|-------|---------|---------|---------|------------|---------|-------|
| Aluminium  | 27-2  | 0.63    | 3.90    | 0.53    | 1.69       | 113.42  | ppb   |
| Antimony   | 121-1 | 0.08    | 0.12    | 0.20    | 0.13       | 45.80   | ppb   |
| Arsenic    | 75-2  | 0.12    | 0.02    | -0.01   | 0.04       | 158.39  | ppb   |
| Barium     | 135-1 | -0.01   | -0.01   | -0.02   | -0.01      |         | ppb   |
| Barium     | 137-1 | 0.00    | 0.01    | 0.02    | 0.01       | 110.57  | ppb   |
| Beryllium  | 9-1   | 0.08    | 0.03    | 0.07    | 0.06       | 40.54   | ppb   |
| Bismuth    | 209-1 |         |         |         | 110        |         | %     |
| Bismuth    | 209-2 |         |         |         | 105        |         | %     |
| Boron      | 10-1  | 5.90    | 7.12    | 6.68    | 6.57       | 9.37    | ppb   |
| Boron      | 11-1  | 6.89    | 6.58    | 6.21    | 6.56       | 5.19    | ppb   |
| Cadmium    | 111-1 | -0.08   | -0.03   | -0.15   | -0.09      |         | ppb   |
| Cadmium    | 106-1 | -0.94   | -0.43   | -2.27   | -1.21      |         | ppb   |
| Cadmium    | 108-1 | 0.07    | -0.02   | -0.06   | -0.01      |         | ppb   |
| Calcium    | 43-1  | -3.20   | 0.37    | -4.51   | -2.44      |         | ppb   |
| Calcium    | 44-1  | -12.42  | -10.64  | -7.20   | -10.09     |         | ppb   |
| Chromium   | 52-2  | -0.02   | -0.01   | 0.07    | 0.01       | 416.01  | ppb   |
| Cobalt     | 59-2  | 0.00    | -0.01   | 0.01    | 0.00       |         | ppb   |
| Copper     | 63-2  | 0.01    | 0.00    | 0.01    | 0.00       | 180.39  | 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 |         |         |         | 108        |         | %     |
| Holmium    | 165-2 |         |         |         | 102        |         | %     |
| Indium     | 115-1 |         |         |         | 104        |         | %     |
| Indium     | 115-2 |         |         |         | 99         |         | %     |
| Iron       | 56-2  | 2.43    | 1.93    | 2.17    | 2.18       | 11.56   | ppb   |
| Iron       | 57-2  | 4.02    | 2.20    | 1.59    | 2.60       | 48.72   | ppb   |
| Lead       | 206-1 | 0.04    | 0.03    | 0.05    | 0.04       | 22.06   | ppb   |
| Lead       | 207-1 | 0.02    | 0.02    | 0.04    | 0.03       | 38.54   | ppb   |
| Lead       | 208-1 | 0.02    | 0.03    | 0.03    | 0.03       | 20.05   | ppb   |
| Lithium    | 6-1   |         |         |         | 104        |         | %     |
| Magnesium  | 24-2  | 3.12    | 2.30    | 4.17    | 3.20       | 29.25   | ppb   |
| Manganese  | 55-2  | -0.01   | -0.02   | 0.02    | 0.00       |         | ppb   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB94089             | Operator :        | Jaswal    |
| Lab Sample ID :         | PB107523BL          | Instrumnet Name : | P8        |
| Client Sample ID :      | PBS008              | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2018-03-22 13:14:18 | DataFile Name :   | 021CCBE.d |

| Parameter  | Mass  | ConRep1  | ConRep2  | ConRep3 | Avg. Conc. | ConcRSD | Units |
|------------|-------|----------|----------|---------|------------|---------|-------|
| Molybdenum | 94-1  | 0.09     | 0.11     | 0.15    | 0.12       | 27.93   | ppb   |
| Molybdenum | 95-1  | 0.08     | 0.11     | 0.17    | 0.12       | 37.77   | ppb   |
| Molybdenum | 96-1  | 0.13     | 0.16     | 0.21    | 0.16       | 22.88   | ppb   |
| Molybdenum | 97-1  | 0.08     | 0.12     | 0.16    | 0.12       | 33.20   | ppb   |
| Molybdenum | 98-1  | 0.10     | 0.11     | 0.19    | 0.13       | 37.16   | ppb   |
| Neodymium  | 150-1 |          |          |         |            |         | cps   |
| Neodymium  | 150-2 |          |          |         |            |         | cps   |
| Nickel     | 60-2  | -0.27    | -0.29    | -0.42   | -0.33      |         | ppb   |
| Phosphorus | 31-2  | -24.84   | 0.35     | -24.84  | -16.44     |         | ppb   |
| Potassium  | 39-2  | -10.69   | -17.74   | -21.02  | -16.48     |         | ppb   |
| Rhodium    | 103-1 |          |          |         | 103        |         | %     |
| Rhodium    | 103-2 |          |          |         | 102        |         | %     |
| Scandium   | 45-1  |          |          |         | 101        |         | %     |
| Scandium   | 45-2  |          |          |         | 97         |         | %     |
| Selenium   | 77-2  | 4.75     | -2.29    | -2.29   | 0.06       | 7019.02 | ppb   |
| Selenium   | 78-2  | -1.41    | 0.72     | -0.35   | -0.35      |         | ppb   |
| Selenium   | 82-1  | 0.83     | 0.43     | -0.05   | 0.40       | 108.09  | ppb   |
| Silicon    | 28-1  | -13.83   | -25.09   | -25.37  | -21.43     |         | ppb   |
| Silver     | 109-1 | 0.01     | 0.02     | 0.00    | 0.01       | 70.06   | ppb   |
| Silver     | 107-1 | 0.01     | 0.01     | 0.01    | 0.01       | 16.40   | ppb   |
| Sodium     | 23-2  | 33.77    | 27.99    | 24.28   | 28.68      | 16.66   | ppb   |
| Strontium  | 86-1  | 0.05     | -0.02    | 0.02    | 0.02       | 170.67  | ppb   |
| Strontium  | 88-1  | 0.00     | 0.00     | 0.01    | 0.00       | 80.69   | ppb   |
| Sulfur     | 34-1  | -1467.60 | -1028.26 | -989.31 | -1161.72   |         | ppb   |
| Terbium    | 159-1 |          |          |         | 108        |         | %     |
| Terbium    | 159-2 |          |          |         | 101        |         | %     |
| Thallium   | 203-1 | 0.08     | 0.05     | 0.08    | 0.07       | 21.90   | ppb   |
| Thallium   | 205-1 | 0.07     | 0.08     | 0.06    | 0.07       | 14.55   | ppb   |
| Tin        | 118-1 | -0.01    | 0.05     | 0.03    | 0.02       | 128.62  | ppb   |
| Titanium   | 47-1  | -0.08    | 0.00     | 0.04    | -0.01      |         | ppb   |
| Uranium    | 238-1 | 0.00     | 0.00     | 0.00    | 0.00       |         | ppb   |
| Vanadium   | 51-2  | 0.00     | 0.01     | 0.02    | 0.01       | 151.86  | ppb   |
| Yttrium    | 89-1  |          |          |         | 103        |         | %     |
| Yttrium    | 89-2  |          |          |         | 99         |         | %     |
| Zinc       | 66-2  | 0.03     | -0.06    | -0.16   | -0.06      |         | ppb   |
| Zirconium  | 90-1  | 0.02     | 0.01     | 0.03    | 0.02       | 40.25   | ppb   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB94089             | Operator :        | Jaswal    |
| Lab Sample ID :         | PB107523BL          | Instrumnet Name : | P8        |
| Client Sample ID :      | PBS008              | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2018-03-22 13:14:18 | DataFile Name :   | 021CCBE.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|-----------|------|---------|---------|---------|------------|---------|-------|
| Zirconium | 91-1 | 0.02    | 0.00    | 0.02    | 0.01       | 86.94   | ppb   |



|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB94089             | Operator :        | Jaswal    |
| Lab Sample ID :         | PB107523BS          | Instrumnet Name : | P8        |
| Client Sample ID :      | LCS008              | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2018-03-22 13:17:39 | DataFile Name :   | 022LCSE.d |

| Parameter  | Mass  | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|------------|-------|---------|---------|---------|------------|---------|-------|
| Aluminium  | 27-2  | 34.25   | 45.14   | 47.03   | 42.14      | 16.37   | ppb   |
| Antimony   | 121-1 | 3.75    | 3.86    | 3.73    | 3.78       | 1.84    | ppb   |
| Arsenic    | 75-2  | 1.70    | 2.42    | 1.72    | 1.95       | 20.89   | ppb   |
| Barium     | 135-1 | 18.53   | 19.44   | 18.31   | 18.76      | 3.21    | ppb   |
| Barium     | 137-1 | 18.91   | 19.80   | 18.73   | 19.15      | 3.00    | ppb   |
| Beryllium  | 9-1   | 2.00    | 2.06    | 2.00    | 2.02       | 1.65    | ppb   |
| Bismuth    | 209-1 |         |         |         | 110        |         | %     |
| Bismuth    | 209-2 |         |         |         | 104        |         | %     |
| Boron      | 10-1  | 44.57   | 49.54   | 50.38   | 48.17      | 6.52    | ppb   |
| Boron      | 11-1  | 47.44   | 48.57   | 49.51   | 48.51      | 2.14    | ppb   |
| Cadmium    | 111-1 | 1.87    | 1.61    | 1.86    | 1.78       | 8.36    | ppb   |
| Cadmium    | 106-1 | 0.42    | -0.91   | 1.10    | 0.21       | 496.90  | ppb   |
| Cadmium    | 108-1 | 1.40    | 1.87    | 2.44    | 1.90       | 27.35   | ppb   |
| Calcium    | 43-1  | 918.05  | 893.96  | 864.47  | 892.16     | 3.01    | ppb   |
| Calcium    | 44-1  | 892.15  | 911.81  | 864.51  | 889.49     | 2.67    | ppb   |
| Chromium   | 52-2  | 3.92    | 3.68    | 4.32    | 3.97       | 8.13    | ppb   |
| Cobalt     | 59-2  | 1.97    | 1.90    | 2.02    | 1.96       | 3.19    | ppb   |
| Copper     | 63-2  | 3.86    | 3.88    | 3.89    | 3.88       | 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 |         |         |         | 108        |         | %     |
| Holmium    | 165-2 |         |         |         | 102        |         | %     |
| Indium     | 115-1 |         |         |         | 103        |         | %     |
| Indium     | 115-2 |         |         |         | 98         |         | %     |
| Iron       | 56-2  | 336.59  | 333.50  | 337.92  | 336.00     | 0.67    | ppb   |
| Iron       | 57-2  | 312.79  | 317.48  | 310.50  | 313.59     | 1.14    | ppb   |
| Lead       | 206-1 | 1.97    | 1.88    | 1.73    | 1.86       | 6.67    | ppb   |
| Lead       | 207-1 | 1.86    | 2.00    | 1.86    | 1.91       | 4.22    | ppb   |
| Lead       | 208-1 | 1.89    | 1.91    | 1.85    | 1.88       | 1.62    | ppb   |
| Lithium    | 6-1   |         |         |         | 105        |         | %     |
| Magnesium  | 24-2  | 929.91  | 956.20  | 970.33  | 952.15     | 2.15    | ppb   |
| Manganese  | 55-2  | 2.21    | 1.87    | 2.31    | 2.13       | 10.87   | ppb   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB94089             | Operator :        | Jaswal    |
| Lab Sample ID :         | PB107523BS          | Instrumnet Name : | P8        |
| Client Sample ID :      | LCS008              | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2018-03-22 13:17:39 | DataFile Name :   | 022LCSE.d |

| Parameter  | Mass  | ConRep1 | ConRep2 | ConRep3  | Avg. Conc. | ConcRSD  | Units |
|------------|-------|---------|---------|----------|------------|----------|-------|
| Molybdenum | 94-1  | 9.35    | 9.50    | 9.01     | 9.29       | 2.69     | ppb   |
| Molybdenum | 95-1  | 9.31    | 9.36    | 8.70     | 9.12       | 4.02     | ppb   |
| Molybdenum | 96-1  | 9.20    | 9.41    | 9.02     | 9.21       | 2.13     | ppb   |
| Molybdenum | 97-1  | 8.81    | 9.61    | 9.14     | 9.19       | 4.34     | ppb   |
| Molybdenum | 98-1  | 9.17    | 9.36    | 9.19     | 9.24       | 1.10     | ppb   |
| Neodymium  | 150-1 |         |         |          |            |          | cps   |
| Neodymium  | 150-2 |         |         |          |            |          | cps   |
| Nickel     | 60-2  | 2.22    | 1.68    | 1.82     | 1.91       | 14.52    | ppb   |
| Phosphorus | 31-2  | -24.84  | 0.15    | 25.42    | 0.24       | 10380.65 | ppb   |
| Potassium  | 39-2  | 933.49  | 873.83  | 971.46   | 926.26     | 5.31     | ppb   |
| Rhodium    | 103-1 |         |         |          | 103        |          | %     |
| Rhodium    | 103-2 |         |         |          | 102        |          | %     |
| Scandium   | 45-1  |         |         |          | 100        |          | %     |
| Scandium   | 45-2  |         |         |          | 97         |          | %     |
| Selenium   | 77-2  | 4.70    | 4.61    | -2.29    | 2.34       | 171.14   | ppb   |
| Selenium   | 78-2  | 9.41    | 11.40   | 7.20     | 9.33       | 22.51    | ppb   |
| Selenium   | 82-1  | 9.87    | 9.79    | 9.43     | 9.70       | 2.40     | ppb   |
| Silicon    | 28-1  | 9.30    | 9.23    | 3.88     | 7.47       | 41.63    | ppb   |
| Silver     | 109-1 | 2.06    | 1.99    | 1.86     | 1.97       | 5.05     | ppb   |
| Silver     | 107-1 | 2.02    | 1.96    | 1.98     | 1.98       | 1.50     | ppb   |
| Sodium     | 23-2  | 926.08  | 908.82  | 960.52   | 931.81     | 2.82     | ppb   |
| Strontium  | 86-1  | 1.98    | 1.96    | 1.76     | 1.90       | 6.44     | ppb   |
| Strontium  | 88-1  | 1.94    | 1.86    | 1.84     | 1.88       | 2.74     | ppb   |
| Sulfur     | 34-1  | -798.14 | -756.39 | -1330.87 | -961.80    |          | ppb   |
| Terbium    | 159-1 |         |         |          | 107        |          | %     |
| Terbium    | 159-2 |         |         |          | 103        |          | %     |
| Thallium   | 203-1 | 1.87    | 1.83    | 1.91     | 1.87       | 2.06     | ppb   |
| Thallium   | 205-1 | 1.90    | 1.96    | 1.93     | 1.93       | 1.47     | ppb   |
| Tin        | 118-1 | 9.11    | 9.42    | 9.07     | 9.20       | 2.09     | ppb   |
| Titanium   | 47-1  | 9.72    | 9.43    | 8.51     | 9.22       | 6.88     | ppb   |
| Uranium    | 238-1 | 1.80    | 1.83    | 1.72     | 1.78       | 3.08     | ppb   |
| Vanadium   | 51-2  | 9.40    | 9.06    | 9.57     | 9.34       | 2.74     | ppb   |
| Yttrium    | 89-1  |         |         |          | 102        |          | %     |
| Yttrium    | 89-2  |         |         |          | 99         |          | %     |
| Zinc       | 66-2  | 3.70    | 4.22    | 3.48     | 3.80       | 9.95     | ppb   |
| Zirconium  | 90-1  | 1.92    | 1.92    | 1.84     | 1.89       | 2.48     | ppb   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB94089             | Operator :        | Jaswal    |
| Lab Sample ID :         | PB107523BS          | Instrumnet Name : | P8        |
| Client Sample ID :      | LCS008              | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2018-03-22 13:17:39 | DataFile Name :   | 022LCSE.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|-----------|------|---------|---------|---------|------------|---------|-------|
| Zirconium | 91-1 | 2.06    | 1.95    | 1.89    | 1.97       | 4.16    | ppb   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB94089             | Operator :        | Jaswal    |
| Lab Sample ID :         | PB107525BL          | Instrumnet Name : | P8        |
| Client Sample ID :      | PBS008              | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2018-03-22 13:21:00 | DataFile Name :   | 023CCBE.d |

| Parameter  | Mass  | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|------------|-------|---------|---------|---------|------------|---------|-------|
| Aluminium  | 27-2  | 0.60    | -1.10   | 2.20    | 0.57       | 290.91  | ppb   |
| Antimony   | 121-1 | 0.05    | 0.10    | 0.09    | 0.08       | 29.52   | ppb   |
| Arsenic    | 75-2  | 0.02    | -0.01   | 0.04    | 0.02       | 142.15  | ppb   |
| Barium     | 135-1 | -0.02   | -0.02   | -0.02   | -0.02      |         | ppb   |
| Barium     | 137-1 | 0.02    | -0.01   | 0.01    | 0.01       | 228.96  | ppb   |
| Beryllium  | 9-1   | 0.04    | 0.12    | 0.05    | 0.07       | 60.47   | ppb   |
| Bismuth    | 209-1 |         |         |         | 106        |         | %     |
| Bismuth    | 209-2 |         |         |         | 104        |         | %     |
| Boron      | 10-1  | 4.69    | 3.51    | 4.70    | 4.30       | 15.96   | ppb   |
| Boron      | 11-1  | 6.39    | 5.48    | 4.72    | 5.53       | 15.14   | ppb   |
| Cadmium    | 111-1 | -0.06   | -0.09   | -0.06   | -0.07      |         | ppb   |
| Cadmium    | 106-1 | -0.89   | -1.15   | -0.92   | -0.99      |         | ppb   |
| Cadmium    | 108-1 | -0.06   | 0.03    | -0.02   | -0.02      |         | ppb   |
| Calcium    | 43-1  | 4.26    | -5.33   | -4.83   | -1.96      |         | ppb   |
| Calcium    | 44-1  | -6.03   | -9.37   | -9.49   | -8.30      |         | ppb   |
| Chromium   | 52-2  | 0.06    | 0.02    | -0.06   | 0.01       | 1143.27 | ppb   |
| Cobalt     | 59-2  | 0.01    | 0.00    | 0.00    | 0.00       | 245.14  | ppb   |
| Copper     | 63-2  | 0.00    | -0.01   | 0.01    | 0.00       | 548.74  | ppb   |
| Dysprosium | 156-1 |         |         |         |            |         | cps   |
| Dysprosium | 156-2 |         |         |         |            |         | cps   |
| Erbium     | 164-1 |         |         |         |            |         | cps   |
| Erbium     | 164-2 |         |         |         |            |         | cps   |
| Gadolinium | 160-1 |         |         |         |            |         | cps   |
| Gadolinium | 160-2 |         |         |         |            |         | cps   |
| Holmium    | 165-1 |         |         |         | 104        |         | %     |
| Holmium    | 165-2 |         |         |         | 102        |         | %     |
| Indium     | 115-1 |         |         |         | 99         |         | %     |
| Indium     | 115-2 |         |         |         | 98         |         | %     |
| Iron       | 56-2  | 1.33    | 1.31    | 1.46    | 1.37       | 5.91    | ppb   |
| Iron       | 57-2  | 1.71    | 1.65    | 1.62    | 1.66       | 2.67    | ppb   |
| Lead       | 206-1 | 0.02    | 0.03    | 0.04    | 0.03       | 34.48   | ppb   |
| Lead       | 207-1 | 0.02    | 0.01    | 0.03    | 0.02       | 53.63   | ppb   |
| Lead       | 208-1 | 0.02    | 0.02    | 0.02    | 0.02       | 7.67    | ppb   |
| Lithium    | 6-1   |         |         |         | 101        |         | %     |
| Magnesium  | 24-2  | 3.95    | 0.84    | 0.40    | 1.73       | 112.04  | ppb   |
| Manganese  | 55-2  | 0.02    | 0.02    | -0.02   | 0.01       | 257.73  | ppb   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB94089             | Operator :        | Jaswal    |
| Lab Sample ID :         | PB107525BL          | Instrumnet Name : | P8        |
| Client Sample ID :      | PBS008              | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2018-03-22 13:21:00 | DataFile Name :   | 023CCBE.d |

| Parameter  | Mass  | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|------------|-------|---------|---------|---------|------------|---------|-------|
| Molybdenum | 94-1  | 0.07    | 0.09    | 0.12    | 0.09       | 27.10   | ppb   |
| Molybdenum | 95-1  | 0.02    | 0.11    | 0.08    | 0.07       | 71.53   | ppb   |
| Molybdenum | 96-1  | 0.02    | 0.16    | 0.08    | 0.08       | 82.28   | ppb   |
| Molybdenum | 97-1  | 0.03    | 0.14    | 0.09    | 0.09       | 66.69   | ppb   |
| Molybdenum | 98-1  | 0.08    | 0.13    | 0.14    | 0.12       | 25.72   | ppb   |
| Neodymium  | 150-1 |         |         |         |            |         | cps   |
| Neodymium  | 150-2 |         |         |         |            |         | cps   |
| Nickel     | 60-2  | -0.37   | -0.08   | -0.24   | -0.23      |         | ppb   |
| Phosphorus | 31-2  | 0.76    | 25.46   | 25.03   | 17.08      | 82.75   | ppb   |
| Potassium  | 39-2  | -29.23  | -28.37  | -22.76  | -26.79     |         | ppb   |
| Rhodium    | 103-1 |         |         |         | 99         |         | %     |
| Rhodium    | 103-2 |         |         |         | 102        |         | %     |
| Scandium   | 45-1  |         |         |         | 97         |         | %     |
| Scandium   | 45-2  |         |         |         | 97         |         | %     |
| Selenium   | 77-2  | -2.29   | -2.29   | -2.29   | -2.29      |         | ppb   |
| Selenium   | 78-2  | -1.41   | 0.76    | -1.41   | -0.68      |         | ppb   |
| Selenium   | 82-1  | 0.16    | 0.23    | 0.15    | 0.18       | 24.98   | ppb   |
| Silicon    | 28-1  | -18.83  | -19.50  | -25.32  | -21.22     |         | ppb   |
| Silver     | 109-1 | 0.00    | 0.00    | 0.00    | 0.00       | 196.47  | ppb   |
| Silver     | 107-1 | 0.01    | 0.00    | 0.00    | 0.00       | 143.07  | ppb   |
| Sodium     | 23-2  | 26.72   | 20.04   | 20.54   | 22.44      | 16.59   | ppb   |
| Strontium  | 86-1  | 0.02    | -0.01   | 0.03    | 0.01       | 168.94  | ppb   |
| Strontium  | 88-1  | 0.00    | 0.00    | 0.00    | 0.00       | 424.94  | ppb   |
| Sulfur     | 34-1  | -115.98 | -196.79 | -869.87 | -394.21    |         | ppb   |
| Terbium    | 159-1 |         |         |         | 103        |         | %     |
| Terbium    | 159-2 |         |         |         | 103        |         | %     |
| Thallium   | 203-1 | 0.07    | 0.07    | 0.05    | 0.06       | 22.58   | ppb   |
| Thallium   | 205-1 | 0.05    | 0.06    | 0.04    | 0.05       | 14.24   | ppb   |
| Tin        | 118-1 | 0.00    | 0.00    | 0.02    | 0.01       | 223.23  | ppb   |
| Titanium   | 47-1  | 0.09    | -0.07   | 0.05    | 0.02       | 372.19  | ppb   |
| Uranium    | 238-1 | 0.00    | 0.00    | 0.00    | 0.00       |         | ppb   |
| Vanadium   | 51-2  | 0.00    | 0.01    | 0.00    | 0.00       | 296.04  | ppb   |
| Yttrium    | 89-1  |         |         |         | 99         |         | %     |
| Yttrium    | 89-2  |         |         |         | 98         |         | %     |
| Zinc       | 66-2  | -0.12   | -0.09   | -0.16   | -0.12      |         | ppb   |
| Zirconium  | 90-1  | 0.01    | 0.01    | 0.02    | 0.02       | 12.36   | ppb   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB94089             | Operator :        | Jaswal    |
| Lab Sample ID :         | PB107525BL          | Instrumnet Name : | P8        |
| Client Sample ID :      | PBS008              | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2018-03-22 13:21:00 | DataFile Name :   | 023CCBE.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|-----------|------|---------|---------|---------|------------|---------|-------|
| Zirconium | 91-1 | -0.01   | 0.02    | 0.01    | 0.01       | 230.27  | ppb   |

LB Number : LB94089 Operator : Jaswal  
 Lab Sample ID : PB107525BS Instrumnet Name : P8  
 Client Sample ID : LCS008 Dilution Factor : 1  
 Date & Time Acquired :: 2018-03-22 13:24:21 DataFile Name : 024LCSE.d

| Parameter  | Mass  | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|------------|-------|---------|---------|---------|------------|---------|-------|
| Aluminium  | 27-2  | 41.06   | 27.43   | 38.80   | 35.76      | 20.42   | ppb   |
| Antimony   | 121-1 | 3.89    | 3.67    | 3.78    | 3.78       | 2.99    | ppb   |
| Arsenic    | 75-2  | 1.99    | 2.01    | 1.98    | 1.99       | 0.78    | ppb   |
| Barium     | 135-1 | 18.67   | 19.21   | 18.06   | 18.65      | 3.08    | ppb   |
| Barium     | 137-1 | 18.80   | 18.49   | 18.43   | 18.57      | 1.09    | ppb   |
| Beryllium  | 9-1   | 2.02    | 1.94    | 2.14    | 2.03       | 5.16    | ppb   |
| Bismuth    | 209-1 |         |         |         | 109        |         | %     |
| Bismuth    | 209-2 |         |         |         | 107        |         | %     |
| Boron      | 10-1  | 45.10   | 48.94   | 46.12   | 46.72      | 4.25    | ppb   |
| Boron      | 11-1  | 46.18   | 46.04   | 48.13   | 46.79      | 2.50    | ppb   |
| Cadmium    | 111-1 | 1.84    | 1.77    | 1.80    | 1.80       | 2.06    | ppb   |
| Cadmium    | 106-1 | 0.59    | -0.31   | -0.50   | -0.07      |         | ppb   |
| Cadmium    | 108-1 | 1.86    | 2.07    | 2.20    | 2.04       | 8.35    | ppb   |
| Calcium    | 43-1  | 930.84  | 879.03  | 881.03  | 896.97     | 3.27    | ppb   |
| Calcium    | 44-1  | 893.42  | 884.60  | 886.81  | 888.28     | 0.52    | ppb   |
| Chromium   | 52-2  | 3.94    | 4.13    | 3.92    | 4.00       | 2.85    | ppb   |
| Cobalt     | 59-2  | 1.86    | 1.96    | 1.93    | 1.92       | 2.80    | ppb   |
| Copper     | 63-2  | 3.81    | 3.81    | 3.82    | 3.82       | 0.15    | 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 |         |         |         | 108        |         | %     |
| Holmium    | 165-2 |         |         |         | 103        |         | %     |
| Indium     | 115-1 |         |         |         | 104        |         | %     |
| Indium     | 115-2 |         |         |         | 99         |         | %     |
| Iron       | 56-2  | 330.95  | 338.92  | 339.51  | 336.46     | 1.42    | ppb   |
| Iron       | 57-2  | 331.55  | 316.69  | 354.44  | 334.23     | 5.69    | ppb   |
| Lead       | 206-1 | 1.86    | 1.85    | 1.91    | 1.87       | 1.85    | ppb   |
| Lead       | 207-1 | 1.86    | 1.90    | 1.92    | 1.89       | 1.67    | ppb   |
| Lead       | 208-1 | 1.90    | 1.91    | 1.89    | 1.90       | 0.55    | ppb   |
| Lithium    | 6-1   |         |         |         | 104        |         | %     |
| Magnesium  | 24-2  | 976.99  | 962.34  | 954.25  | 964.52     | 1.19    | ppb   |
| Manganese  | 55-2  | 1.87    | 2.05    | 2.11    | 2.01       | 6.17    | ppb   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB94089             | Operator :        | Jaswal    |
| Lab Sample ID :         | PB107525BS          | Instrumnet Name : | P8        |
| Client Sample ID :      | LCS008              | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2018-03-22 13:24:21 | DataFile Name :   | 024LCSE.d |

| Parameter  | Mass  | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|------------|-------|---------|---------|---------|------------|---------|-------|
| Molybdenum | 94-1  | 9.05    | 9.21    | 8.99    | 9.08       | 1.24    | ppb   |
| Molybdenum | 95-1  | 8.96    | 8.75    | 8.65    | 8.79       | 1.75    | ppb   |
| Molybdenum | 96-1  | 9.26    | 9.08    | 8.96    | 9.10       | 1.67    | ppb   |
| Molybdenum | 97-1  | 9.11    | 9.06    | 9.15    | 9.11       | 0.47    | ppb   |
| Molybdenum | 98-1  | 8.83    | 9.21    | 9.08    | 9.04       | 2.12    | ppb   |
| Neodymium  | 150-1 |         |         |         |            |         | cps   |
| Neodymium  | 150-2 |         |         |         |            |         | cps   |
| Nickel     | 60-2  | 1.36    | 1.69    | 2.04    | 1.69       | 20.02   | ppb   |
| Phosphorus | 31-2  | -24.84  | -24.84  | 25.50   | -8.06      |         | ppb   |
| Potassium  | 39-2  | 859.43  | 942.32  | 872.49  | 891.41     | 5.00    | ppb   |
| Rhodium    | 103-1 |         |         |         | 103        |         | %     |
| Rhodium    | 103-2 |         |         |         | 103        |         | %     |
| Scandium   | 45-1  |         |         |         | 101        |         | %     |
| Scandium   | 45-2  |         |         |         | 98         |         | %     |
| Selenium   | 77-2  | 18.10   | 32.41   | -2.29   | 16.07      | 108.47  | ppb   |
| Selenium   | 78-2  | 8.05    | 12.53   | 12.66   | 11.08      | 23.70   | ppb   |
| Selenium   | 82-1  | 9.63    | 9.89    | 8.02    | 9.18       | 11.06   | ppb   |
| Silicon    | 28-1  | 9.03    | 8.11    | 5.01    | 7.38       | 28.50   | ppb   |
| Silver     | 109-1 | 2.01    | 1.95    | 1.86    | 1.94       | 3.76    | ppb   |
| Silver     | 107-1 | 2.02    | 1.89    | 1.87    | 1.93       | 4.18    | ppb   |
| Sodium     | 23-2  | 898.83  | 924.87  | 931.69  | 918.46     | 1.89    | ppb   |
| Strontium  | 86-1  | 1.80    | 1.74    | 1.91    | 1.82       | 4.72    | ppb   |
| Strontium  | 88-1  | 1.87    | 1.89    | 1.79    | 1.85       | 2.83    | ppb   |
| Sulfur     | 34-1  | -898.83 | -687.26 | -923.57 | -836.56    |         | ppb   |
| Terbium    | 159-1 |         |         |         | 108        |         | %     |
| Terbium    | 159-2 |         |         |         | 103        |         | %     |
| Thallium   | 203-1 | 1.99    | 1.91    | 1.89    | 1.93       | 2.83    | ppb   |
| Thallium   | 205-1 | 2.01    | 1.91    | 1.91    | 1.94       | 2.89    | ppb   |
| Tin        | 118-1 | 9.07    | 9.32    | 9.04    | 9.14       | 1.67    | ppb   |
| Titanium   | 47-1  | 8.85    | 9.64    | 8.93    | 9.14       | 4.75    | ppb   |
| Uranium    | 238-1 | 1.79    | 1.81    | 1.83    | 1.81       | 1.13    | ppb   |
| Vanadium   | 51-2  | 9.45    | 9.81    | 8.85    | 9.37       | 5.17    | ppb   |
| Yttrium    | 89-1  |         |         |         | 103        |         | %     |
| Yttrium    | 89-2  |         |         |         | 99         |         | %     |
| Zinc       | 66-2  | 4.13    | 3.89    | 3.35    | 3.79       | 10.52   | ppb   |
| Zirconium  | 90-1  | 1.85    | 1.94    | 1.85    | 1.88       | 2.75    | ppb   |



|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB94089             | Operator :        | Jaswal    |
| Lab Sample ID :         | PB107525BS          | Instrumnet Name : | P8        |
| Client Sample ID :      | LCS008              | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2018-03-22 13:24:21 | DataFile Name :   | 024LCSE.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|-----------|------|---------|---------|---------|------------|---------|-------|
| Zirconium | 91-1 | 1.89    | 1.94    | 1.84    | 1.89       | 2.46    | ppb   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB94089             | Operator :        | Jaswal    |
| Lab Sample ID :         | J1987-01            | Instrumnet Name : | P8        |
| Client Sample ID :      | MJHR70              | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2018-03-22 13:27:43 | DataFile Name :   | 025SMPL.d |

| Parameter  | Mass  | ConRep1  | ConRep2  | ConRep3  | Avg. Conc. | ConcRSD | Units |
|------------|-------|----------|----------|----------|------------|---------|-------|
| Aluminium  | 27-2  | 28421.77 | 28174.54 | 29208.83 | 28601.71   | 1.89    | ppb   |
| Antimony   | 121-1 | 1.28     | 1.29     | 1.31     | 1.29       | 1.01    | ppb   |
| Arsenic    | 75-2  | 37.89    | 36.84    | 37.72    | 37.48      | 1.50    | ppb   |
| Barium     | 135-1 | 213.07   | 210.74   | 210.00   | 211.27     | 0.76    | ppb   |
| Barium     | 137-1 | 215.21   | 211.40   | 213.31   | 213.31     | 0.89    | ppb   |
| Beryllium  | 9-1   | 1.42     | 1.45     | 1.23     | 1.37       | 8.60    | ppb   |
| Bismuth    | 209-1 |          |          |          | 108        |         | %     |
| Bismuth    | 209-2 |          |          |          | 104        |         | %     |
| Boron      | 10-1  | 8.06     | 6.91     | 7.90     | 7.62       | 8.15    | ppb   |
| Boron      | 11-1  | 7.64     | 7.44     | 6.82     | 7.30       | 5.83    | ppb   |
| Cadmium    | 111-1 | 0.25     | 0.09     | 0.29     | 0.21       | 49.17   | ppb   |
| Cadmium    | 106-1 | 0.41     | -1.48    | 0.87     | -0.06      |         | ppb   |
| Cadmium    | 108-1 | 0.43     | 0.63     | 0.72     | 0.59       | 25.64   | ppb   |
| Calcium    | 43-1  | 9941.78  | 9714.64  | 9633.67  | 9763.36    | 1.64    | ppb   |
| Calcium    | 44-1  | 10142.13 | 10004.30 | 9872.02  | 10006.15   | 1.35    | ppb   |
| Chromium   | 52-2  | 41.59    | 42.25    | 43.59    | 42.48      | 2.40    | ppb   |
| Cobalt     | 59-2  | 33.97    | 34.05    | 35.22    | 34.41      | 2.03    | ppb   |
| Copper     | 63-2  | 121.92   | 122.82   | 126.37   | 123.70     | 1.91    | ppb   |
| Dysprosium | 156-1 |          |          |          |            |         | cps   |
| Dysprosium | 156-2 |          |          |          |            |         | cps   |
| Erbium     | 164-1 |          |          |          |            |         | cps   |
| Erbium     | 164-2 |          |          |          |            |         | cps   |
| Gadolinium | 160-1 |          |          |          |            |         | cps   |
| Gadolinium | 160-2 |          |          |          |            |         | cps   |
| Holmium    | 165-1 |          |          |          | 108        |         | %     |
| Holmium    | 165-2 |          |          |          | 104        |         | %     |
| Indium     | 115-1 |          |          |          | 104        |         | %     |
| Indium     | 115-2 |          |          |          | 100        |         | %     |
| Iron       | 56-2  | 62805.55 | 62885.24 | 65373.35 | 63688.05   | 2.29    | ppb   |
| Iron       | 57-2  | 61663.20 | 61991.74 | 64178.09 | 62611.01   | 2.18    | ppb   |
| Lead       | 206-1 | 6.58     | 6.62     | 6.46     | 6.55       | 1.31    | ppb   |
| Lead       | 207-1 | 6.10     | 6.02     | 6.08     | 6.07       | 0.69    | ppb   |
| Lead       | 208-1 | 6.49     | 6.31     | 6.32     | 6.37       | 1.60    | ppb   |
| Lithium    | 6-1   |          |          |          | 104        |         | %     |
| Magnesium  | 24-2  | 9897.11  | 9853.24  | 10063.44 | 9937.93    | 1.12    | ppb   |
| Manganese  | 55-2  | 1592.52  | 1587.00  | 1646.94  | 1608.82    | 2.06    | ppb   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB94089             | Operator :        | Jaswal    |
| Lab Sample ID :         | J1987-01            | Instrumnet Name : | P8        |
| Client Sample ID :      | MJHR70              | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2018-03-22 13:27:43 | DataFile Name :   | 025SMPL.d |

| Parameter  | Mass  | ConRep1  | ConRep2  | ConRep3  | Avg. Conc. | ConcRSD | Units |
|------------|-------|----------|----------|----------|------------|---------|-------|
| Molybdenum | 94-1  | 2.00     | 2.19     | 1.98     | 2.06       | 5.42    | ppb   |
| Molybdenum | 95-1  | 0.42     | 0.53     | 0.60     | 0.52       | 17.36   | ppb   |
| Molybdenum | 96-1  | 0.78     | 0.87     | 0.82     | 0.82       | 5.40    | ppb   |
| Molybdenum | 97-1  | 0.53     | 0.64     | 0.57     | 0.58       | 9.51    | ppb   |
| Molybdenum | 98-1  | 0.48     | 0.51     | 0.55     | 0.51       | 6.58    | ppb   |
| Neodymium  | 150-1 |          |          |          |            |         | cps   |
| Neodymium  | 150-2 |          |          |          |            |         | cps   |
| Nickel     | 60-2  | 28.57    | 27.19    | 28.96    | 28.24      | 3.29    | ppb   |
| Phosphorus | 31-2  | 1444.63  | 1251.68  | 995.37   | 1230.56    | 18.32   | ppb   |
| Potassium  | 39-2  | 392.62   | 414.00   | 419.58   | 408.73     | 3.48    | ppb   |
| Rhodium    | 103-1 |          |          |          | 103        |         | %     |
| Rhodium    | 103-2 |          |          |          | 103        |         | %     |
| Scandium   | 45-1  |          |          |          | 104        |         | %     |
| Scandium   | 45-2  |          |          |          | 103        |         | %     |
| Selenium   | 77-2  | 55.34    | 81.30    | 63.34    | 66.66      | 19.94   | ppb   |
| Selenium   | 78-2  | 7.50     | 6.54     | 7.73     | 7.26       | 8.67    | ppb   |
| Selenium   | 82-1  | 1.42     | 0.99     | 1.18     | 1.20       | 17.84   | ppb   |
| Silicon    | 28-1  | 1215.87  | 1193.62  | 1204.64  | 1204.71    | 0.92    | ppb   |
| Silver     | 109-1 | 0.11     | 0.13     | 0.13     | 0.12       | 7.48    | ppb   |
| Silver     | 107-1 | 0.11     | 0.12     | 0.12     | 0.12       | 3.97    | ppb   |
| Sodium     | 23-2  | 323.30   | 337.71   | 327.22   | 329.41     | 2.26    | ppb   |
| Strontium  | 86-1  | 115.15   | 112.25   | 113.33   | 113.58     | 1.29    | ppb   |
| Strontium  | 88-1  | 119.93   | 116.07   | 116.68   | 117.56     | 1.77    | ppb   |
| Sulfur     | 34-1  | -2497.21 | -2864.64 | -3192.07 | -2851.30   |         | ppb   |
| Terbium    | 159-1 |          |          |          | 108        |         | %     |
| Terbium    | 159-2 |          |          |          | 104        |         | %     |
| Thallium   | 203-1 | 0.27     | 0.23     | 0.23     | 0.24       | 8.56    | ppb   |
| Thallium   | 205-1 | 0.24     | 0.23     | 0.26     | 0.24       | 5.09    | ppb   |
| Tin        | 118-1 | 0.93     | 1.05     | 1.05     | 1.01       | 6.61    | ppb   |
| Titanium   | 47-1  | 195.81   | 193.94   | 195.23   | 194.99     | 0.49    | ppb   |
| Uranium    | 238-1 | 0.30     | 0.29     | 0.30     | 0.30       | 1.40    | ppb   |
| Vanadium   | 51-2  | 134.49   | 135.49   | 140.83   | 136.94     | 2.49    | ppb   |
| Yttrium    | 89-1  |          |          |          | 108        |         | %     |
| Yttrium    | 89-2  |          |          |          | 106        |         | %     |
| Zinc       | 66-2  | 153.63   | 154.10   | 156.92   | 154.89     | 1.15    | ppb   |
| Zirconium  | 90-1  | 1.14     | 1.07     | 1.10     | 1.11       | 3.08    | ppb   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB94089             | Operator :        | Jaswal    |
| Lab Sample ID :         | J1987-01            | Instrumnet Name : | P8        |
| Client Sample ID :      | MJHR70              | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2018-03-22 13:27:43 | DataFile Name :   | 025SMPL.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|-----------|------|---------|---------|---------|------------|---------|-------|
| Zirconium | 91-1 | 1.13    | 1.11    | 1.05    | 1.10       | 3.84    | ppb   |

LB Number : LB94089 Operator : Jaswal  
 Lab Sample ID : J1987-02 Instrumnet Name : P8  
 Client Sample ID : MJHR70D Dilution Factor : 1  
 Date & Time Acquired :: 2018-03-22 13:31:02 DataFile Name : 026SMPL.d

| Parameter  | Mass  | ConRep1  | ConRep2  | ConRep3  | Avg. Conc. | ConcRSD | Units |
|------------|-------|----------|----------|----------|------------|---------|-------|
| Aluminium  | 27-2  | 28704.04 | 28499.95 | 29035.54 | 28746.51   | 0.94    | ppb   |
| Antimony   | 121-1 | 1.22     | 1.25     | 1.25     | 1.24       | 1.57    | ppb   |
| Arsenic    | 75-2  | 37.81    | 37.68    | 35.94    | 37.14      | 2.81    | ppb   |
| Barium     | 135-1 | 217.55   | 211.18   | 211.37   | 213.37     | 1.70    | ppb   |
| Barium     | 137-1 | 216.43   | 212.11   | 211.44   | 213.33     | 1.27    | ppb   |
| Beryllium  | 9-1   | 1.33     | 1.36     | 1.24     | 1.31       | 4.58    | ppb   |
| Bismuth    | 209-1 |          |          |          | 107        |         | %     |
| Bismuth    | 209-2 |          |          |          | 102        |         | %     |
| Boron      | 10-1  | 6.18     | 5.96     | 7.60     | 6.58       | 13.56   | ppb   |
| Boron      | 11-1  | 6.54     | 6.69     | 6.29     | 6.51       | 3.14    | ppb   |
| Cadmium    | 111-1 | 0.04     | 0.17     | 0.14     | 0.12       | 55.62   | ppb   |
| Cadmium    | 106-1 | -1.77    | -0.51    | -1.14    | -1.14      |         | ppb   |
| Cadmium    | 108-1 | 0.79     | 0.87     | 0.38     | 0.68       | 38.94   | ppb   |
| Calcium    | 43-1  | 9924.95  | 9857.31  | 9720.58  | 9834.28    | 1.06    | ppb   |
| Calcium    | 44-1  | 10122.97 | 10187.97 | 9957.42  | 10089.45   | 1.18    | ppb   |
| Chromium   | 52-2  | 41.33    | 42.56    | 43.10    | 42.33      | 2.15    | ppb   |
| Cobalt     | 59-2  | 33.52    | 34.48    | 35.04    | 34.35      | 2.23    | ppb   |
| Copper     | 63-2  | 121.25   | 125.03   | 125.53   | 123.94     | 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 |          |          |          | 108        |         | %     |
| Holmium    | 165-2 |          |          |          | 103        |         | %     |
| Indium     | 115-1 |          |          |          | 103        |         | %     |
| Indium     | 115-2 |          |          |          | 99         |         | %     |
| Iron       | 56-2  | 62354.56 | 63107.30 | 64712.15 | 63391.34   | 1.90    | ppb   |
| Iron       | 57-2  | 61741.45 | 61815.88 | 63126.14 | 62227.82   | 1.25    | ppb   |
| Lead       | 206-1 | 6.54     | 6.52     | 6.60     | 6.55       | 0.68    | ppb   |
| Lead       | 207-1 | 6.12     | 5.96     | 5.86     | 5.98       | 2.16    | ppb   |
| Lead       | 208-1 | 6.34     | 6.20     | 6.28     | 6.27       | 1.06    | ppb   |
| Lithium    | 6-1   |          |          |          | 103        |         | %     |
| Magnesium  | 24-2  | 9689.96  | 9851.86  | 9844.08  | 9795.30    | 0.93    | ppb   |
| Manganese  | 55-2  | 1581.23  | 1592.64  | 1633.36  | 1602.41    | 1.71    | ppb   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB94089             | Operator :        | Jaswal    |
| Lab Sample ID :         | J1987-02            | Instrumnet Name : | P8        |
| Client Sample ID :      | MJHR70D             | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2018-03-22 13:31:02 | DataFile Name :   | 026SMPL.d |

| Parameter  | Mass  | ConRep1  | ConRep2  | ConRep3  | Avg. Conc. | ConcRSD | Units |
|------------|-------|----------|----------|----------|------------|---------|-------|
| Molybdenum | 94-1  | 2.08     | 1.85     | 1.93     | 1.95       | 5.80    | ppb   |
| Molybdenum | 95-1  | 0.47     | 0.42     | 0.54     | 0.48       | 13.37   | ppb   |
| Molybdenum | 96-1  | 0.82     | 0.79     | 0.71     | 0.78       | 7.29    | ppb   |
| Molybdenum | 97-1  | 0.49     | 0.63     | 0.62     | 0.58       | 13.45   | ppb   |
| Molybdenum | 98-1  | 0.45     | 0.47     | 0.48     | 0.47       | 2.99    | ppb   |
| Neodymium  | 150-1 |          |          |          |            |         | cps   |
| Neodymium  | 150-2 |          |          |          |            |         | cps   |
| Nickel     | 60-2  | 28.55    | 28.67    | 28.37    | 28.53      | 0.52    | ppb   |
| Phosphorus | 31-2  | 997.51   | 868.40   | 905.02   | 923.64     | 7.20    | ppb   |
| Potassium  | 39-2  | 378.70   | 398.58   | 434.71   | 404.00     | 7.03    | ppb   |
| Rhodium    | 103-1 |          |          |          | 102        |         | %     |
| Rhodium    | 103-2 |          |          |          | 103        |         | %     |
| Scandium   | 45-1  |          |          |          | 102        |         | %     |
| Scandium   | 45-2  |          |          |          | 102        |         | %     |
| Selenium   | 77-2  | 43.28    | 43.52    | 50.38    | 45.73      | 8.82    | ppb   |
| Selenium   | 78-2  | 2.62     | 5.67     | 9.78     | 6.03       | 59.66   | ppb   |
| Selenium   | 82-1  | 1.25     | 0.89     | 0.62     | 0.92       | 34.15   | ppb   |
| Silicon    | 28-1  | 1238.25  | 1224.93  | 1199.99  | 1221.06    | 1.59    | ppb   |
| Silver     | 109-1 | 0.16     | 0.14     | 0.14     | 0.15       | 7.53    | ppb   |
| Silver     | 107-1 | 0.16     | 0.14     | 0.17     | 0.15       | 9.67    | ppb   |
| Sodium     | 23-2  | 320.36   | 325.99   | 332.92   | 326.42     | 1.93    | ppb   |
| Strontium  | 86-1  | 115.58   | 112.62   | 111.75   | 113.32     | 1.77    | ppb   |
| Strontium  | 88-1  | 120.40   | 117.68   | 116.80   | 118.29     | 1.59    | ppb   |
| Sulfur     | 34-1  | -3641.64 | -3582.82 | -4031.12 | -3751.86   |         | ppb   |
| Terbium    | 159-1 |          |          |          | 107        |         | %     |
| Terbium    | 159-2 |          |          |          | 102        |         | %     |
| Thallium   | 203-1 | 0.18     | 0.22     | 0.23     | 0.21       | 13.50   | ppb   |
| Thallium   | 205-1 | 0.21     | 0.22     | 0.23     | 0.22       | 4.55    | ppb   |
| Tin        | 118-1 | 0.97     | 1.13     | 1.05     | 1.05       | 7.52    | ppb   |
| Titanium   | 47-1  | 190.80   | 189.18   | 188.98   | 189.65     | 0.53    | ppb   |
| Uranium    | 238-1 | 0.29     | 0.29     | 0.29     | 0.29       | 1.23    | ppb   |
| Vanadium   | 51-2  | 136.01   | 137.78   | 137.80   | 137.20     | 0.75    | ppb   |
| Yttrium    | 89-1  |          |          |          | 108        |         | %     |
| Yttrium    | 89-2  |          |          |          | 105        |         | %     |
| Zinc       | 66-2  | 183.43   | 186.19   | 185.34   | 184.99     | 0.77    | ppb   |
| Zirconium  | 90-1  | 1.02     | 1.15     | 1.01     | 1.06       | 7.32    | ppb   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB94089             | Operator :        | Jaswal    |
| Lab Sample ID :         | J1987-02            | Instrumnet Name : | P8        |
| Client Sample ID :      | MJHR70D             | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2018-03-22 13:31:02 | DataFile Name :   | 026SMPL.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|-----------|------|---------|---------|---------|------------|---------|-------|
| Zirconium | 91-1 | 1.08    | 1.01    | 1.09    | 1.06       | 4.26    | ppb   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB94089             | Operator :        | Jaswal    |
| Lab Sample ID :         | J1987-03            | Instrumnet Name : | P8        |
| Client Sample ID :      | MJHR70S             | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2018-03-22 13:34:21 | DataFile Name :   | 027SMPL.d |

| Parameter  | Mass  | ConRep1  | ConRep2  | ConRep3  | Avg. Conc. | ConcRSD | Units |
|------------|-------|----------|----------|----------|------------|---------|-------|
| Aluminium  | 27-2  | 29034.76 | 28483.70 | 28541.41 | 28686.62   | 1.06    | ppb   |
| Antimony   | 121-1 | 20.65    | 21.06    | 19.67    | 20.46      | 3.50    | ppb   |
| Arsenic    | 75-2  | 43.39    | 44.94    | 43.18    | 43.84      | 2.20    | ppb   |
| Barium     | 135-1 | 597.34   | 617.45   | 586.38   | 600.39     | 2.62    | ppb   |
| Barium     | 137-1 | 607.69   | 622.23   | 594.46   | 608.13     | 2.28    | ppb   |
| Beryllium  | 9-1   | 11.43    | 10.29    | 10.90    | 10.88      | 5.24    | ppb   |
| Bismuth    | 209-1 |          |          |          | 107        |         | %     |
| Bismuth    | 209-2 |          |          |          | 103        |         | %     |
| Boron      | 10-1  | 4.70     | 7.07     | 5.45     | 5.74       | 21.12   | ppb   |
| Boron      | 11-1  | 6.03     | 6.07     | 5.98     | 6.02       | 0.73    | ppb   |
| Cadmium    | 111-1 | 9.53     | 9.54     | 9.40     | 9.49       | 0.82    | ppb   |
| Cadmium    | 106-1 | 7.05     | 7.36     | 6.56     | 6.99       | 5.75    | ppb   |
| Cadmium    | 108-1 | 9.84     | 9.30     | 9.22     | 9.45       | 3.54    | ppb   |
| Calcium    | 43-1  | 9835.70  | 9961.28  | 9583.44  | 9793.47    | 1.96    | ppb   |
| Calcium    | 44-1  | 10084.36 | 10100.61 | 9829.93  | 10004.97   | 1.52    | ppb   |
| Chromium   | 52-2  | 80.13    | 80.11    | 78.88    | 79.70      | 0.90    | ppb   |
| Cobalt     | 59-2  | 127.91   | 127.28   | 128.83   | 128.01     | 0.61    | ppb   |
| Copper     | 63-2  | 171.73   | 170.35   | 171.79   | 171.29     | 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 |          |          |          | 106        |         | %     |
| Holmium    | 165-2 |          |          |          | 103        |         | %     |
| Indium     | 115-1 |          |          |          | 102        |         | %     |
| Indium     | 115-2 |          |          |          | 99         |         | %     |
| Iron       | 56-2  | 63168.67 | 63487.79 | 62934.19 | 63196.89   | 0.44    | ppb   |
| Iron       | 57-2  | 62478.23 | 62273.09 | 62047.57 | 62266.30   | 0.35    | ppb   |
| Lead       | 206-1 | 10.20    | 10.16    | 9.88     | 10.08      | 1.73    | ppb   |
| Lead       | 207-1 | 9.61     | 9.49     | 9.25     | 9.45       | 1.95    | ppb   |
| Lead       | 208-1 | 9.99     | 10.04    | 9.69     | 9.90       | 1.91    | ppb   |
| Lithium    | 6-1   |          |          |          | 102        |         | %     |
| Magnesium  | 24-2  | 9681.63  | 9698.26  | 9650.10  | 9676.66    | 0.25    | ppb   |
| Manganese  | 55-2  | 1697.02  | 1694.69  | 1687.53  | 1693.08    | 0.29    | ppb   |



|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB94089             | Operator :        | Jaswal    |
| Lab Sample ID :         | J1987-03            | Instrumnet Name : | P8        |
| Client Sample ID :      | MJHR70S             | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2018-03-22 13:34:21 | DataFile Name :   | 027SMPL.d |

| Parameter  | Mass  | ConRep1  | ConRep2  | ConRep3  | Avg. Conc. | ConcRSD | Units |
|------------|-------|----------|----------|----------|------------|---------|-------|
| Molybdenum | 94-1  | 1.86     | 1.89     | 1.92     | 1.89       | 1.59    | ppb   |
| Molybdenum | 95-1  | 0.52     | 0.62     | 0.59     | 0.58       | 8.29    | ppb   |
| Molybdenum | 96-1  | 0.78     | 0.89     | 0.80     | 0.83       | 7.02    | ppb   |
| Molybdenum | 97-1  | 0.56     | 0.63     | 0.56     | 0.58       | 6.63    | ppb   |
| Molybdenum | 98-1  | 0.52     | 0.59     | 0.50     | 0.54       | 8.03    | ppb   |
| Neodymium  | 150-1 |          |          |          |            |         | cps   |
| Neodymium  | 150-2 |          |          |          |            |         | cps   |
| Nickel     | 60-2  | 123.89   | 122.82   | 122.92   | 123.21     | 0.48    | ppb   |
| Phosphorus | 31-2  | 584.86   | 975.77   | 977.98   | 846.20     | 26.75   | ppb   |
| Potassium  | 39-2  | 420.80   | 416.26   | 363.30   | 400.12     | 7.99    | ppb   |
| Rhodium    | 103-1 |          |          |          | 102        |         | %     |
| Rhodium    | 103-2 |          |          |          | 102        |         | %     |
| Scandium   | 45-1  |          |          |          | 102        |         | %     |
| Scandium   | 45-2  |          |          |          | 100        |         | %     |
| Selenium   | 77-2  | 71.04    | 63.15    | 103.89   | 79.36      | 27.23   | ppb   |
| Selenium   | 78-2  | 31.56    | 26.91    | 33.46    | 30.64      | 11.00   | ppb   |
| Selenium   | 82-1  | 20.25    | 18.84    | 17.73    | 18.94      | 6.65    | ppb   |
| Silicon    | 28-1  | 1229.18  | 1229.45  | 1178.96  | 1212.53    | 2.40    | ppb   |
| Silver     | 109-1 | 9.43     | 9.72     | 9.33     | 9.49       | 2.12    | ppb   |
| Silver     | 107-1 | 9.54     | 9.76     | 9.33     | 9.55       | 2.27    | ppb   |
| Sodium     | 23-2  | 326.88   | 327.30   | 319.73   | 324.64     | 1.31    | ppb   |
| Strontium  | 86-1  | 113.95   | 116.05   | 111.88   | 113.96     | 1.83    | ppb   |
| Strontium  | 88-1  | 119.37   | 118.87   | 113.46   | 117.23     | 2.80    | ppb   |
| Sulfur     | 34-1  | -4095.66 | -4102.71 | -4583.62 | -4260.67   |         | ppb   |
| Terbium    | 159-1 |          |          |          | 106        |         | %     |
| Terbium    | 159-2 |          |          |          | 103        |         | %     |
| Thallium   | 203-1 | 9.62     | 9.58     | 9.23     | 9.48       | 2.24    | ppb   |
| Thallium   | 205-1 | 9.63     | 9.77     | 9.37     | 9.59       | 2.09    | ppb   |
| Tin        | 118-1 | 1.14     | 1.14     | 1.02     | 1.10       | 6.29    | ppb   |
| Titanium   | 47-1  | 192.91   | 190.57   | 182.87   | 188.78     | 2.78    | ppb   |
| Uranium    | 238-1 | 0.29     | 0.28     | 0.28     | 0.29       | 2.50    | ppb   |
| Vanadium   | 51-2  | 229.62   | 228.79   | 228.77   | 229.06     | 0.21    | ppb   |
| Yttrium    | 89-1  |          |          |          | 107        |         | %     |
| Yttrium    | 89-2  |          |          |          | 104        |         | %     |
| Zinc       | 66-2  | 241.53   | 245.43   | 247.51   | 244.82     | 1.24    | ppb   |
| Zirconium  | 90-1  | 0.98     | 1.01     | 0.97     | 0.99       | 2.35    | ppb   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB94089             | Operator :        | Jaswal    |
| Lab Sample ID :         | J1987-03            | Instrumnet Name : | P8        |
| Client Sample ID :      | MJHR70S             | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2018-03-22 13:34:21 | DataFile Name :   | 027SMPL.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|-----------|------|---------|---------|---------|------------|---------|-------|
| Zirconium | 91-1 | 0.87    | 1.16    | 0.89    | 0.97       | 16.26   | ppb   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB94089             | Operator :        | Jaswal    |
| Lab Sample ID :         | J1987-01LX5         | Instrumnet Name : | P8        |
| Client Sample ID :      | MJHR70L             | Dilution Factor : | 5         |
| Date & Time Acquired :: | 2018-03-22 13:37:40 | DataFile Name :   | 028SMPL.d |

| Parameter  | Mass  | ConRep1  | ConRep2  | ConRep3  | Avg. Conc. | ConcRSD | Units |
|------------|-------|----------|----------|----------|------------|---------|-------|
| Aluminium  | 27-2  | 6356.87  | 6128.08  | 6024.09  | 6169.68    | 2.76    | ppb   |
| Antimony   | 121-1 | 0.29     | 0.28     | 0.32     | 0.30       | 7.86    | ppb   |
| Arsenic    | 75-2  | 8.30     | 7.41     | 8.06     | 7.93       | 5.80    | ppb   |
| Barium     | 135-1 | 45.62    | 46.63    | 45.72    | 45.99      | 1.21    | ppb   |
| Barium     | 137-1 | 46.61    | 45.29    | 45.64    | 45.85      | 1.49    | ppb   |
| Beryllium  | 9-1   | 0.35     | 0.39     | 0.41     | 0.38       | 8.72    | ppb   |
| Bismuth    | 209-1 |          |          |          | 107        |         | %     |
| Bismuth    | 209-2 |          |          |          | 103        |         | %     |
| Boron      | 10-1  | 3.58     | 2.79     | 2.57     | 2.98       | 17.83   | ppb   |
| Boron      | 11-1  | 2.96     | 3.67     | 3.43     | 3.35       | 10.83   | ppb   |
| Cadmium    | 111-1 | -0.02    | -0.08    | -0.02    | -0.04      |         | ppb   |
| Cadmium    | 106-1 | -0.74    | -1.94    | -1.04    | -1.24      |         | ppb   |
| Cadmium    | 108-1 | 0.03     | 0.03     | 0.11     | 0.06       | 91.51   | ppb   |
| Calcium    | 43-1  | 2091.83  | 2150.23  | 2123.52  | 2121.86    | 1.38    | ppb   |
| Calcium    | 44-1  | 2138.23  | 2164.47  | 2101.57  | 2134.76    | 1.48    | ppb   |
| Chromium   | 52-2  | 9.56     | 9.20     | 9.23     | 9.33       | 2.16    | ppb   |
| Cobalt     | 59-2  | 7.83     | 7.34     | 7.34     | 7.50       | 3.75    | ppb   |
| Copper     | 63-2  | 26.57    | 27.14    | 27.18    | 26.96      | 1.27    | ppb   |
| Dysprosium | 156-1 |          |          |          |            |         | cps   |
| Dysprosium | 156-2 |          |          |          |            |         | cps   |
| Erbium     | 164-1 |          |          |          |            |         | cps   |
| Erbium     | 164-2 |          |          |          |            |         | cps   |
| Gadolinium | 160-1 |          |          |          |            |         | cps   |
| Gadolinium | 160-2 |          |          |          |            |         | cps   |
| Holmium    | 165-1 |          |          |          | 106        |         | %     |
| Holmium    | 165-2 |          |          |          | 103        |         | %     |
| Indium     | 115-1 |          |          |          | 102        |         | %     |
| Indium     | 115-2 |          |          |          | 99         |         | %     |
| Iron       | 56-2  | 14223.76 | 13763.26 | 14066.72 | 14017.91   | 1.67    | ppb   |
| Iron       | 57-2  | 13902.33 | 13673.15 | 13775.28 | 13783.59   | 0.83    | ppb   |
| Lead       | 206-1 | 1.52     | 1.52     | 1.51     | 1.52       | 0.29    | ppb   |
| Lead       | 207-1 | 1.46     | 1.42     | 1.34     | 1.41       | 4.26    | ppb   |
| Lead       | 208-1 | 1.45     | 1.44     | 1.43     | 1.44       | 0.74    | ppb   |
| Lithium    | 6-1   |          |          |          | 100        |         | %     |
| Magnesium  | 24-2  | 2199.74  | 2117.28  | 2115.45  | 2144.15    | 2.25    | ppb   |
| Manganese  | 55-2  | 353.50   | 349.85   | 346.23   | 349.86     | 1.04    | ppb   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB94089             | Operator :        | Jaswal    |
| Lab Sample ID :         | J1987-01LX5         | Instrumnet Name : | P8        |
| Client Sample ID :      | MJHR70L             | Dilution Factor : | 5         |
| Date & Time Acquired :: | 2018-03-22 13:37:40 | DataFile Name :   | 028SMPL.d |

| Parameter  | Mass  | ConRep1  | ConRep2  | ConRep3  | Avg. Conc. | ConcRSD | Units |
|------------|-------|----------|----------|----------|------------|---------|-------|
| Molybdenum | 94-1  | 0.36     | 0.41     | 0.49     | 0.42       | 15.35   | ppb   |
| Molybdenum | 95-1  | 0.10     | 0.10     | 0.14     | 0.11       | 19.78   | ppb   |
| Molybdenum | 96-1  | 0.17     | 0.21     | 0.22     | 0.20       | 12.71   | ppb   |
| Molybdenum | 97-1  | 0.07     | 0.14     | 0.17     | 0.13       | 42.57   | ppb   |
| Molybdenum | 98-1  | 0.10     | 0.16     | 0.15     | 0.14       | 25.02   | ppb   |
| Neodymium  | 150-1 |          |          |          |            |         | cps   |
| Neodymium  | 150-2 |          |          |          |            |         | cps   |
| Nickel     | 60-2  | 5.93     | 6.28     | 6.24     | 6.15       | 3.10    | ppb   |
| Phosphorus | 31-2  | 329.20   | 273.67   | 125.27   | 242.71     | 43.44   | ppb   |
| Potassium  | 39-2  | 96.42    | 84.08    | 54.40    | 78.30      | 27.58   | ppb   |
| Rhodium    | 103-1 |          |          |          | 102        |         | %     |
| Rhodium    | 103-2 |          |          |          | 103        |         | %     |
| Scandium   | 45-1  |          |          |          | 100        |         | %     |
| Scandium   | 45-2  |          |          |          | 98         |         | %     |
| Selenium   | 77-2  | 11.30    | 24.62    | -2.29    | 11.21      | 120.00  | ppb   |
| Selenium   | 78-2  | 4.89     | 4.83     | 4.97     | 4.90       | 1.41    | ppb   |
| Selenium   | 82-1  | 0.31     | 0.12     | 0.23     | 0.22       | 42.68   | ppb   |
| Silicon    | 28-1  | 299.25   | 294.63   | 289.15   | 294.34     | 1.72    | ppb   |
| Silver     | 109-1 | 0.06     | 0.06     | 0.06     | 0.06       | 6.39    | ppb   |
| Silver     | 107-1 | 0.05     | 0.04     | 0.06     | 0.05       | 20.68   | ppb   |
| Sodium     | 23-2  | 101.16   | 93.20    | 100.75   | 98.37      | 4.56    | ppb   |
| Strontium  | 86-1  | 25.48    | 25.30    | 24.77    | 25.18      | 1.46    | ppb   |
| Strontium  | 88-1  | 25.06    | 25.82    | 25.01    | 25.29      | 1.79    | ppb   |
| Sulfur     | 34-1  | -4157.85 | -4199.92 | -4337.79 | -4231.85   |         | ppb   |
| Terbium    | 159-1 |          |          |          | 106        |         | %     |
| Terbium    | 159-2 |          |          |          | 103        |         | %     |
| Thallium   | 203-1 | 0.08     | 0.07     | 0.08     | 0.08       | 2.36    | ppb   |
| Thallium   | 205-1 | 0.07     | 0.06     | 0.08     | 0.07       | 10.49   | ppb   |
| Tin        | 118-1 | 0.18     | 0.23     | 0.22     | 0.21       | 13.62   | ppb   |
| Titanium   | 47-1  | 43.39    | 44.47    | 41.10    | 42.99      | 4.00    | ppb   |
| Uranium    | 238-1 | 0.07     | 0.07     | 0.06     | 0.06       | 8.91    | ppb   |
| Vanadium   | 51-2  | 30.20    | 29.81    | 30.50    | 30.17      | 1.16    | ppb   |
| Yttrium    | 89-1  |          |          |          | 103        |         | %     |
| Yttrium    | 89-2  |          |          |          | 101        |         | %     |
| Zinc       | 66-2  | 35.81    | 34.10    | 36.21    | 35.37      | 3.16    | ppb   |
| Zirconium  | 90-1  | 0.25     | 0.21     | 0.20     | 0.22       | 12.58   | ppb   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB94089             | Operator :        | Jaswal    |
| Lab Sample ID :         | J1987-01LX5         | Instrumnet Name : | P8        |
| Client Sample ID :      | MJHR70L             | Dilution Factor : | 5         |
| Date & Time Acquired :: | 2018-03-22 13:37:40 | DataFile Name :   | 028SMPL.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|-----------|------|---------|---------|---------|------------|---------|-------|
| Zirconium | 91-1 | 0.23    | 0.21    | 0.15    | 0.20       | 22.85   | ppb   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB94089             | Operator :        | Jaswal    |
| Lab Sample ID :         | J1987-04            | Instrumnet Name : | P8        |
| Client Sample ID :      | MJHR71              | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2018-03-22 13:40:59 | DataFile Name :   | 029SMPL.d |

| Parameter  | Mass  | ConRep1  | ConRep2  | ConRep3  | Avg. Conc. | ConcRSD | Units |
|------------|-------|----------|----------|----------|------------|---------|-------|
| Aluminium  | 27-2  | 30753.42 | 29242.39 | 29768.57 | 29921.46   | 2.56    | ppb   |
| Antimony   | 121-1 | 1.18     | 1.22     | 1.13     | 1.18       | 3.74    | ppb   |
| Arsenic    | 75-2  | 36.28    | 34.86    | 34.89    | 35.34      | 2.30    | ppb   |
| Barium     | 135-1 | 211.36   | 213.81   | 207.88   | 211.02     | 1.41    | ppb   |
| Barium     | 137-1 | 211.25   | 216.00   | 210.64   | 212.63     | 1.38    | ppb   |
| Beryllium  | 9-1   | 1.26     | 1.22     | 1.15     | 1.21       | 4.71    | ppb   |
| Bismuth    | 209-1 |          |          |          | 108        |         | %     |
| Bismuth    | 209-2 |          |          |          | 104        |         | %     |
| Boron      | 10-1  | 4.16     | 4.70     | 5.94     | 4.93       | 18.54   | ppb   |
| Boron      | 11-1  | 4.54     | 5.18     | 5.47     | 5.07       | 9.39    | ppb   |
| Cadmium    | 111-1 | 0.03     | 0.12     | 0.16     | 0.10       | 63.01   | ppb   |
| Cadmium    | 106-1 | -1.31    | -0.27    | 0.08     | -0.50      |         | ppb   |
| Cadmium    | 108-1 | 0.42     | 0.70     | 0.20     | 0.44       | 56.82   | ppb   |
| Calcium    | 43-1  | 10979.23 | 11328.72 | 11322.49 | 11210.15   | 1.78    | ppb   |
| Calcium    | 44-1  | 11361.11 | 11644.78 | 11386.49 | 11464.13   | 1.37    | ppb   |
| Chromium   | 52-2  | 44.76    | 43.41    | 44.48    | 44.22      | 1.62    | ppb   |
| Cobalt     | 59-2  | 38.15    | 36.83    | 37.71    | 37.56      | 1.79    | ppb   |
| Copper     | 63-2  | 137.79   | 134.22   | 134.67   | 135.56     | 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 |          |          |          | 107        |         | %     |
| Holmium    | 165-2 |          |          |          | 102        |         | %     |
| Indium     | 115-1 |          |          |          | 102        |         | %     |
| Indium     | 115-2 |          |          |          | 98         |         | %     |
| Iron       | 56-2  | 66365.81 | 63714.87 | 64723.84 | 64934.84   | 2.06    | ppb   |
| Iron       | 57-2  | 64696.40 | 62830.15 | 63351.14 | 63625.90   | 1.51    | ppb   |
| Lead       | 206-1 | 7.43     | 7.35     | 7.03     | 7.27       | 2.93    | ppb   |
| Lead       | 207-1 | 6.42     | 6.50     | 6.53     | 6.48       | 0.84    | ppb   |
| Lead       | 208-1 | 6.90     | 7.04     | 6.78     | 6.91       | 1.91    | ppb   |
| Lithium    | 6-1   |          |          |          | 102        |         | %     |
| Magnesium  | 24-2  | 10662.61 | 10183.38 | 10333.80 | 10393.26   | 2.36    | ppb   |
| Manganese  | 55-2  | 1934.59  | 1873.79  | 1884.14  | 1897.51    | 1.71    | ppb   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB94089             | Operator :        | Jaswal    |
| Lab Sample ID :         | J1987-04            | Instrumnet Name : | P8        |
| Client Sample ID :      | MJHR71              | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2018-03-22 13:40:59 | DataFile Name :   | 029SMPL.d |

| Parameter  | Mass  | ConRep1  | ConRep2  | ConRep3  | Avg. Conc. | ConcRSD | Units |
|------------|-------|----------|----------|----------|------------|---------|-------|
| Molybdenum | 94-1  | 1.65     | 1.83     | 1.70     | 1.73       | 5.49    | ppb   |
| Molybdenum | 95-1  | 0.49     | 0.45     | 0.55     | 0.50       | 10.19   | ppb   |
| Molybdenum | 96-1  | 0.73     | 0.76     | 0.80     | 0.77       | 4.61    | ppb   |
| Molybdenum | 97-1  | 0.47     | 0.50     | 0.55     | 0.50       | 7.92    | ppb   |
| Molybdenum | 98-1  | 0.51     | 0.48     | 0.51     | 0.50       | 3.17    | ppb   |
| Neodymium  | 150-1 |          |          |          |            |         | cps   |
| Neodymium  | 150-2 |          |          |          |            |         | cps   |
| Nickel     | 60-2  | 30.59    | 28.96    | 29.20    | 29.58      | 2.97    | ppb   |
| Phosphorus | 31-2  | 1252.88  | 1168.22  | 1105.73  | 1175.61    | 6.28    | ppb   |
| Potassium  | 39-2  | 1542.65  | 1457.09  | 1479.54  | 1493.09    | 2.97    | ppb   |
| Rhodium    | 103-1 |          |          |          | 102        |         | %     |
| Rhodium    | 103-2 |          |          |          | 103        |         | %     |
| Scandium   | 45-1  |          |          |          | 102        |         | %     |
| Scandium   | 45-2  |          |          |          | 100        |         | %     |
| Selenium   | 77-2  | 50.98    | 83.33    | 36.87    | 57.06      | 41.75   | ppb   |
| Selenium   | 78-2  | 11.97    | 9.79     | 5.65     | 9.14       | 35.11   | ppb   |
| Selenium   | 82-1  | 0.73     | 0.90     | 0.27     | 0.63       | 50.92   | ppb   |
| Silicon    | 28-1  | 1184.73  | 1186.82  | 1171.00  | 1180.85    | 0.73    | ppb   |
| Silver     | 109-1 | 0.10     | 0.12     | 0.12     | 0.11       | 8.37    | ppb   |
| Silver     | 107-1 | 0.13     | 0.13     | 0.15     | 0.14       | 7.22    | ppb   |
| Sodium     | 23-2  | 289.26   | 275.76   | 270.35   | 278.46     | 3.50    | ppb   |
| Strontium  | 86-1  | 120.72   | 122.05   | 122.21   | 121.66     | 0.67    | ppb   |
| Strontium  | 88-1  | 125.76   | 126.43   | 126.23   | 126.14     | 0.27    | ppb   |
| Sulfur     | 34-1  | -4535.71 | -4021.75 | -4263.12 | -4273.53   |         | ppb   |
| Terbium    | 159-1 |          |          |          | 108        |         | %     |
| Terbium    | 159-2 |          |          |          | 103        |         | %     |
| Thallium   | 203-1 | 0.12     | 0.16     | 0.13     | 0.14       | 14.86   | ppb   |
| Thallium   | 205-1 | 0.14     | 0.15     | 0.13     | 0.14       | 6.80    | ppb   |
| Tin        | 118-1 | 0.74     | 0.73     | 0.70     | 0.72       | 3.32    | ppb   |
| Titanium   | 47-1  | 159.11   | 162.67   | 158.47   | 160.08     | 1.41    | ppb   |
| Uranium    | 238-1 | 0.33     | 0.32     | 0.36     | 0.34       | 5.01    | ppb   |
| Vanadium   | 51-2  | 145.54   | 140.75   | 141.62   | 142.64     | 1.79    | ppb   |
| Yttrium    | 89-1  |          |          |          | 108        |         | %     |
| Yttrium    | 89-2  |          |          |          | 104        |         | %     |
| Zinc       | 66-2  | 118.78   | 113.73   | 116.94   | 116.48     | 2.20    | ppb   |
| Zirconium  | 90-1  | 0.92     | 0.98     | 0.89     | 0.93       | 4.77    | ppb   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB94089             | Operator :        | Jaswal    |
| Lab Sample ID :         | J1987-04            | Instrumnet Name : | P8        |
| Client Sample ID :      | MJHR71              | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2018-03-22 13:40:59 | DataFile Name :   | 029SMPL.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|-----------|------|---------|---------|---------|------------|---------|-------|
| Zirconium | 91-1 | 0.92    | 0.85    | 0.97    | 0.92       | 6.60    | ppb   |



|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB94089             | Operator :        | Jaswal    |
| Lab Sample ID :         | J1987-05            | Instrumnet Name : | P8        |
| Client Sample ID :      | MJHR72              | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2018-03-22 13:44:19 | DataFile Name :   | 030SMPL.d |

| Parameter  | Mass  | ConRep1  | ConRep2  | ConRep3  | Avg. Conc. | ConcRSD | Units |
|------------|-------|----------|----------|----------|------------|---------|-------|
| Aluminium  | 27-2  | 31988.24 | 30246.85 | 30918.82 | 31051.30   | 2.83    | ppb   |
| Antimony   | 121-1 | 1.11     | 1.15     | 1.10     | 1.12       | 2.28    | ppb   |
| Arsenic    | 75-2  | 37.07    | 38.97    | 36.85    | 37.63      | 3.10    | ppb   |
| Barium     | 135-1 | 211.89   | 213.88   | 211.84   | 212.53     | 0.55    | ppb   |
| Barium     | 137-1 | 212.93   | 214.98   | 210.75   | 212.89     | 0.99    | ppb   |
| Beryllium  | 9-1   | 1.41     | 1.21     | 1.06     | 1.23       | 14.12   | ppb   |
| Bismuth    | 209-1 |          |          |          | 110        |         | %     |
| Bismuth    | 209-2 |          |          |          | 103        |         | %     |
| Boron      | 10-1  | 3.86     | 4.35     | 6.38     | 4.86       | 27.45   | ppb   |
| Boron      | 11-1  | 4.50     | 5.43     | 5.07     | 5.00       | 9.35    | ppb   |
| Cadmium    | 111-1 | 0.14     | 0.03     | -0.04    | 0.04       | 198.92  | ppb   |
| Cadmium    | 106-1 | -0.95    | -1.09    | -2.48    | -1.51      |         | ppb   |
| Cadmium    | 108-1 | 0.33     | 0.74     | 0.46     | 0.51       | 41.07   | ppb   |
| Calcium    | 43-1  | 11228.48 | 11492.04 | 11338.35 | 11352.96   | 1.17    | ppb   |
| Calcium    | 44-1  | 11345.08 | 11555.88 | 11275.41 | 11392.12   | 1.28    | ppb   |
| Chromium   | 52-2  | 46.59    | 45.60    | 45.47    | 45.89      | 1.33    | ppb   |
| Cobalt     | 59-2  | 38.44    | 37.48    | 37.30    | 37.74      | 1.63    | ppb   |
| Copper     | 63-2  | 161.51   | 158.12   | 159.35   | 159.66     | 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 |          |          |          | 110        |         | %     |
| Holmium    | 165-2 |          |          |          | 103        |         | %     |
| Indium     | 115-1 |          |          |          | 104        |         | %     |
| Indium     | 115-2 |          |          |          | 99         |         | %     |
| Iron       | 56-2  | 72487.41 | 69649.06 | 70561.78 | 70899.42   | 2.04    | ppb   |
| Iron       | 57-2  | 71019.60 | 69318.64 | 69277.82 | 69872.02   | 1.42    | ppb   |
| Lead       | 206-1 | 7.24     | 7.28     | 7.16     | 7.23       | 0.89    | ppb   |
| Lead       | 207-1 | 6.60     | 6.67     | 6.62     | 6.63       | 0.51    | ppb   |
| Lead       | 208-1 | 6.93     | 6.99     | 6.92     | 6.94       | 0.53    | ppb   |
| Lithium    | 6-1   |          |          |          | 102        |         | %     |
| Magnesium  | 24-2  | 10260.97 | 9946.05  | 10004.91 | 10070.65   | 1.66    | ppb   |
| Manganese  | 55-2  | 1962.45  | 1909.81  | 1921.00  | 1931.09    | 1.44    | ppb   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB94089             | Operator :        | Jaswal    |
| Lab Sample ID :         | J1987-05            | Instrumnet Name : | P8        |
| Client Sample ID :      | MJHR72              | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2018-03-22 13:44:19 | DataFile Name :   | 030SMPL.d |

| Parameter  | Mass  | ConRep1  | ConRep2  | ConRep3  | Avg. Conc. | ConcRSD | Units |
|------------|-------|----------|----------|----------|------------|---------|-------|
| Molybdenum | 94-1  | 1.80     | 1.84     | 1.73     | 1.79       | 3.31    | ppb   |
| Molybdenum | 95-1  | 0.59     | 0.52     | 0.56     | 0.56       | 6.88    | ppb   |
| Molybdenum | 96-1  | 0.90     | 0.89     | 0.83     | 0.88       | 4.45    | ppb   |
| Molybdenum | 97-1  | 0.56     | 0.50     | 0.47     | 0.51       | 8.71    | ppb   |
| Molybdenum | 98-1  | 0.49     | 0.52     | 0.59     | 0.54       | 9.22    | ppb   |
| Neodymium  | 150-1 |          |          |          |            |         | cps   |
| Neodymium  | 150-2 |          |          |          |            |         | cps   |
| Nickel     | 60-2  | 29.11    | 29.62    | 29.37    | 29.36      | 0.86    | ppb   |
| Phosphorus | 31-2  | 1168.30  | 681.25   | 761.45   | 870.33     | 30.00   | ppb   |
| Potassium  | 39-2  | 1503.02  | 1398.63  | 1509.19  | 1470.28    | 4.23    | ppb   |
| Rhodium    | 103-1 |          |          |          | 103        |         | %     |
| Rhodium    | 103-2 |          |          |          | 103        |         | %     |
| Scandium   | 45-1  |          |          |          | 103        |         | %     |
| Scandium   | 45-2  |          |          |          | 100        |         | %     |
| Selenium   | 77-2  | 50.89    | 49.62    | 83.72    | 61.41      | 31.47   | ppb   |
| Selenium   | 78-2  | 6.81     | 6.61     | 17.00    | 10.14      | 58.58   | ppb   |
| Selenium   | 82-1  | 0.13     | 0.21     | 0.47     | 0.27       | 65.48   | ppb   |
| Silicon    | 28-1  | 1299.70  | 1360.38  | 1304.63  | 1321.57    | 2.55    | ppb   |
| Silver     | 109-1 | 0.10     | 0.11     | 0.13     | 0.12       | 12.31   | ppb   |
| Silver     | 107-1 | 0.11     | 0.14     | 0.14     | 0.13       | 12.24   | ppb   |
| Sodium     | 23-2  | 310.52   | 296.07   | 309.47   | 305.35     | 2.64    | ppb   |
| Strontium  | 86-1  | 125.53   | 125.85   | 124.37   | 125.25     | 0.62    | ppb   |
| Strontium  | 88-1  | 130.46   | 128.39   | 128.66   | 129.17     | 0.87    | ppb   |
| Sulfur     | 34-1  | -4722.21 | -4456.07 | -4666.76 | -4615.01   |         | ppb   |
| Terbium    | 159-1 |          |          |          | 109        |         | %     |
| Terbium    | 159-2 |          |          |          | 104        |         | %     |
| Thallium   | 203-1 | 0.09     | 0.13     | 0.10     | 0.11       | 19.10   | ppb   |
| Thallium   | 205-1 | 0.13     | 0.15     | 0.14     | 0.14       | 8.40    | ppb   |
| Tin        | 118-1 | 0.86     | 0.83     | 0.89     | 0.86       | 3.29    | ppb   |
| Titanium   | 47-1  | 174.27   | 178.60   | 177.44   | 176.77     | 1.27    | ppb   |
| Uranium    | 238-1 | 0.34     | 0.36     | 0.36     | 0.36       | 2.70    | ppb   |
| Vanadium   | 51-2  | 159.21   | 152.51   | 152.85   | 154.86     | 2.44    | ppb   |
| Yttrium    | 89-1  |          |          |          | 108        |         | %     |
| Yttrium    | 89-2  |          |          |          | 104        |         | %     |
| Zinc       | 66-2  | 131.92   | 131.36   | 128.91   | 130.73     | 1.23    | ppb   |
| Zirconium  | 90-1  | 0.89     | 0.90     | 0.81     | 0.87       | 5.97    | ppb   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB94089             | Operator :        | Jaswal    |
| Lab Sample ID :         | J1987-05            | Instrumnet Name : | P8        |
| Client Sample ID :      | MJHR72              | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2018-03-22 13:44:19 | DataFile Name :   | 030SMPL.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|-----------|------|---------|---------|---------|------------|---------|-------|
| Zirconium | 91-1 | 0.85    | 0.86    | 0.87    | 0.86       | 0.84    | ppb   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB94089             | Operator :        | Jaswal    |
| Lab Sample ID :         | J1987-06            | Instrumnet Name : | P8        |
| Client Sample ID :      | MJHR73              | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2018-03-22 13:47:38 | DataFile Name :   | 031SMPL.d |

| Parameter  | Mass  | ConRep1  | ConRep2  | ConRep3  | Avg. Conc. | ConcRSD | Units |
|------------|-------|----------|----------|----------|------------|---------|-------|
| Aluminium  | 27-2  | 34016.38 | 31731.01 | 30484.27 | 32077.22   | 5.58    | ppb   |
| Antimony   | 121-1 | 1.13     | 1.24     | 1.19     | 1.19       | 4.56    | ppb   |
| Arsenic    | 75-2  | 42.56    | 39.45    | 37.93    | 39.98      | 5.91    | ppb   |
| Barium     | 135-1 | 214.48   | 221.05   | 223.19   | 219.58     | 2.07    | ppb   |
| Barium     | 137-1 | 214.68   | 222.76   | 224.45   | 220.63     | 2.37    | ppb   |
| Beryllium  | 9-1   | 1.31     | 1.30     | 1.35     | 1.32       | 2.14    | ppb   |
| Bismuth    | 209-1 |          |          |          | 109        |         | %     |
| Bismuth    | 209-2 |          |          |          | 103        |         | %     |
| Boron      | 10-1  | 3.25     | 3.16     | 3.42     | 3.28       | 4.13    | ppb   |
| Boron      | 11-1  | 3.76     | 3.89     | 4.01     | 3.88       | 3.17    | ppb   |
| Cadmium    | 111-1 | 0.16     | 0.19     | 0.01     | 0.12       | 80.76   | ppb   |
| Cadmium    | 106-1 | 0.28     | 0.15     | -2.23    | -0.60      |         | ppb   |
| Cadmium    | 108-1 | 0.24     | 0.33     | 0.69     | 0.42       | 56.51   | ppb   |
| Calcium    | 43-1  | 10513.55 | 10731.32 | 10904.51 | 10716.46   | 1.83    | ppb   |
| Calcium    | 44-1  | 10698.35 | 10943.94 | 11009.27 | 10883.85   | 1.51    | ppb   |
| Chromium   | 52-2  | 54.35    | 52.00    | 49.64    | 52.00      | 4.53    | ppb   |
| Cobalt     | 59-2  | 44.03    | 41.53    | 40.28    | 41.94      | 4.56    | ppb   |
| Copper     | 63-2  | 152.95   | 143.62   | 139.90   | 145.49     | 4.62    | 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 |          |          |          | 110        |         | %     |
| Holmium    | 165-2 |          |          |          | 101        |         | %     |
| Indium     | 115-1 |          |          |          | 103        |         | %     |
| Indium     | 115-2 |          |          |          | 96         |         | %     |
| Iron       | 56-2  | 78212.87 | 72864.89 | 70755.82 | 73944.52   | 5.20    | ppb   |
| Iron       | 57-2  | 76625.00 | 71914.02 | 69473.12 | 72670.72   | 5.00    | ppb   |
| Lead       | 206-1 | 6.91     | 7.03     | 7.14     | 7.03       | 1.66    | ppb   |
| Lead       | 207-1 | 6.58     | 6.46     | 6.50     | 6.51       | 0.96    | ppb   |
| Lead       | 208-1 | 6.74     | 6.71     | 6.88     | 6.78       | 1.32    | ppb   |
| Lithium    | 6-1   |          |          |          | 102        |         | %     |
| Magnesium  | 24-2  | 12529.00 | 11777.88 | 11543.96 | 11950.28   | 4.31    | ppb   |
| Manganese  | 55-2  | 2072.03  | 1953.40  | 1884.73  | 1970.05    | 4.81    | ppb   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB94089             | Operator :        | Jaswal    |
| Lab Sample ID :         | J1987-06            | Instrumnet Name : | P8        |
| Client Sample ID :      | MJHR73              | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2018-03-22 13:47:38 | DataFile Name :   | 031SMPL.d |

| Parameter  | Mass  | ConRep1  | ConRep2  | ConRep3  | Avg. Conc. | ConcRSD | Units |
|------------|-------|----------|----------|----------|------------|---------|-------|
| Molybdenum | 94-1  | 1.75     | 1.63     | 1.76     | 1.71       | 4.00    | ppb   |
| Molybdenum | 95-1  | 0.51     | 0.48     | 0.52     | 0.50       | 4.55    | ppb   |
| Molybdenum | 96-1  | 0.91     | 0.79     | 0.89     | 0.86       | 7.77    | ppb   |
| Molybdenum | 97-1  | 0.47     | 0.49     | 0.56     | 0.51       | 9.89    | ppb   |
| Molybdenum | 98-1  | 0.41     | 0.51     | 0.57     | 0.50       | 16.28   | ppb   |
| Neodymium  | 150-1 |          |          |          |            |         | cps   |
| Neodymium  | 150-2 |          |          |          |            |         | cps   |
| Nickel     | 60-2  | 36.63    | 34.55    | 33.90    | 35.03      | 4.08    | ppb   |
| Phosphorus | 31-2  | 1070.02  | 1133.87  | 980.19   | 1061.36    | 7.27    | ppb   |
| Potassium  | 39-2  | 785.03   | 767.48   | 650.98   | 734.50     | 9.92    | ppb   |
| Rhodium    | 103-1 |          |          |          | 102        |         | %     |
| Rhodium    | 103-2 |          |          |          | 99         |         | %     |
| Scandium   | 45-1  |          |          |          | 103        |         | %     |
| Scandium   | 45-2  |          |          |          | 96         |         | %     |
| Selenium   | 77-2  | 40.56    | 57.18    | 76.23    | 57.99      | 30.78   | ppb   |
| Selenium   | 78-2  | 8.53     | 3.70     | 11.74    | 7.99       | 50.64   | ppb   |
| Selenium   | 82-1  | 0.83     | 0.91     | 1.10     | 0.95       | 14.81   | ppb   |
| Silicon    | 28-1  | 1382.98  | 1327.18  | 1375.56  | 1361.90    | 2.23    | ppb   |
| Silver     | 109-1 | 0.14     | 0.12     | 0.12     | 0.13       | 8.69    | ppb   |
| Silver     | 107-1 | 0.11     | 0.11     | 0.14     | 0.12       | 13.81   | ppb   |
| Sodium     | 23-2  | 366.31   | 332.12   | 347.55   | 348.66     | 4.91    | ppb   |
| Strontium  | 86-1  | 109.96   | 110.19   | 115.69   | 111.95     | 2.89    | ppb   |
| Strontium  | 88-1  | 115.09   | 114.32   | 117.72   | 115.71     | 1.54    | ppb   |
| Sulfur     | 34-1  | -5219.88 | -4747.00 | -4784.75 | -4917.21   |         | ppb   |
| Terbium    | 159-1 |          |          |          | 109        |         | %     |
| Terbium    | 159-2 |          |          |          | 101        |         | %     |
| Thallium   | 203-1 | 0.14     | 0.15     | 0.15     | 0.15       | 6.30    | ppb   |
| Thallium   | 205-1 | 0.15     | 0.14     | 0.14     | 0.14       | 5.17    | ppb   |
| Tin        | 118-1 | 0.84     | 0.89     | 0.84     | 0.86       | 3.40    | ppb   |
| Titanium   | 47-1  | 162.49   | 163.95   | 168.92   | 165.12     | 2.04    | ppb   |
| Uranium    | 238-1 | 0.31     | 0.32     | 0.35     | 0.33       | 5.75    | ppb   |
| Vanadium   | 51-2  | 177.13   | 164.63   | 157.72   | 166.49     | 5.91    | ppb   |
| Yttrium    | 89-1  |          |          |          | 108        |         | %     |
| Yttrium    | 89-2  |          |          |          | 101        |         | %     |
| Zinc       | 66-2  | 137.95   | 131.63   | 126.38   | 131.99     | 4.39    | ppb   |
| Zirconium  | 90-1  | 0.84     | 0.86     | 0.92     | 0.87       | 4.57    | ppb   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB94089             | Operator :        | Jaswal    |
| Lab Sample ID :         | J1987-06            | Instrumnet Name : | P8        |
| Client Sample ID :      | MJHR73              | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2018-03-22 13:47:38 | DataFile Name :   | 031SMPL.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|-----------|------|---------|---------|---------|------------|---------|-------|
| Zirconium | 91-1 | 0.67    | 0.88    | 0.99    | 0.84       | 19.22   | ppb   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB94089             | Operator :        | Jaswal    |
| Lab Sample ID :         | J1987-07            | Instrumnet Name : | P8        |
| Client Sample ID :      | MJHR74              | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2018-03-22 13:50:57 | DataFile Name :   | 032SMPL.d |

| Parameter  | Mass  | ConRep1  | ConRep2  | ConRep3  | Avg. Conc. | ConcRSD | Units |
|------------|-------|----------|----------|----------|------------|---------|-------|
| Aluminium  | 27-2  | 27227.50 | 27631.41 | 26840.09 | 27233.00   | 1.45    | ppb   |
| Antimony   | 121-1 | 0.86     | 0.88     | 0.90     | 0.88       | 2.32    | ppb   |
| Arsenic    | 75-2  | 32.92    | 33.67    | 31.75    | 32.78      | 2.96    | ppb   |
| Barium     | 135-1 | 192.02   | 196.49   | 201.55   | 196.69     | 2.42    | ppb   |
| Barium     | 137-1 | 193.47   | 197.69   | 200.91   | 197.36     | 1.89    | ppb   |
| Beryllium  | 9-1   | 1.10     | 0.95     | 1.04     | 1.03       | 7.19    | ppb   |
| Bismuth    | 209-1 |          |          |          | 110        |         | %     |
| Bismuth    | 209-2 |          |          |          | 104        |         | %     |
| Boron      | 10-1  | 4.68     | 2.81     | 4.21     | 3.90       | 24.95   | ppb   |
| Boron      | 11-1  | 4.26     | 4.79     | 5.26     | 4.77       | 10.42   | ppb   |
| Cadmium    | 111-1 | 0.16     | 0.12     | 0.11     | 0.13       | 20.82   | ppb   |
| Cadmium    | 106-1 | 0.22     | -0.41    | -1.60    | -0.59      |         | ppb   |
| Cadmium    | 108-1 | 0.45     | 0.56     | 0.43     | 0.48       | 14.23   | ppb   |
| Calcium    | 43-1  | 10679.97 | 10889.70 | 11039.16 | 10869.61   | 1.66    | ppb   |
| Calcium    | 44-1  | 10668.45 | 11046.81 | 11267.44 | 10994.23   | 2.76    | ppb   |
| Chromium   | 52-2  | 41.30    | 41.20    | 40.25    | 40.92      | 1.42    | ppb   |
| Cobalt     | 59-2  | 32.23    | 32.44    | 30.99    | 31.89      | 2.47    | ppb   |
| Copper     | 63-2  | 118.61   | 120.37   | 117.88   | 118.95     | 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 |          |          |          | 109        |         | %     |
| Holmium    | 165-2 |          |          |          | 104        |         | %     |
| Indium     | 115-1 |          |          |          | 103        |         | %     |
| Indium     | 115-2 |          |          |          | 98         |         | %     |
| Iron       | 56-2  | 65993.80 | 67414.95 | 65436.43 | 66281.73   | 1.54    | ppb   |
| Iron       | 57-2  | 65425.43 | 66691.60 | 64223.96 | 65447.00   | 1.89    | ppb   |
| Lead       | 206-1 | 5.23     | 5.46     | 5.24     | 5.31       | 2.44    | ppb   |
| Lead       | 207-1 | 4.62     | 4.78     | 4.80     | 4.73       | 2.06    | ppb   |
| Lead       | 208-1 | 4.94     | 5.04     | 5.00     | 4.99       | 1.06    | ppb   |
| Lithium    | 6-1   |          |          |          | 103        |         | %     |
| Magnesium  | 24-2  | 10036.85 | 10027.07 | 9788.15  | 9950.69    | 1.42    | ppb   |
| Manganese  | 55-2  | 1455.87  | 1492.41  | 1436.92  | 1461.73    | 1.93    | ppb   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB94089             | Operator :        | Jaswal    |
| Lab Sample ID :         | J1987-07            | Instrumnet Name : | P8        |
| Client Sample ID :      | MJHR74              | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2018-03-22 13:50:57 | DataFile Name :   | 032SMPL.d |

| Parameter  | Mass  | ConRep1  | ConRep2  | ConRep3  | Avg. Conc. | ConcRSD | Units |
|------------|-------|----------|----------|----------|------------|---------|-------|
| Molybdenum | 94-1  | 1.31     | 1.35     | 1.34     | 1.33       | 1.32    | ppb   |
| Molybdenum | 95-1  | 0.29     | 0.34     | 0.38     | 0.34       | 13.89   | ppb   |
| Molybdenum | 96-1  | 0.65     | 0.69     | 0.67     | 0.67       | 2.92    | ppb   |
| Molybdenum | 97-1  | 0.30     | 0.46     | 0.40     | 0.39       | 20.52   | ppb   |
| Molybdenum | 98-1  | 0.33     | 0.35     | 0.35     | 0.34       | 2.72    | ppb   |
| Neodymium  | 150-1 |          |          |          |            |         | cps   |
| Neodymium  | 150-2 |          |          |          |            |         | cps   |
| Nickel     | 60-2  | 31.76    | 32.88    | 31.36    | 32.00      | 2.47    | ppb   |
| Phosphorus | 31-2  | 1591.04  | 1988.91  | 1830.39  | 1803.45    | 11.11   | ppb   |
| Potassium  | 39-2  | 737.15   | 810.84   | 748.95   | 765.65     | 5.17    | ppb   |
| Rhodium    | 103-1 |          |          |          | 103        |         | %     |
| Rhodium    | 103-2 |          |          |          | 102        |         | %     |
| Scandium   | 45-1  |          |          |          | 101        |         | %     |
| Scandium   | 45-2  |          |          |          | 98         |         | %     |
| Selenium   | 77-2  | 64.95    | 118.10   | 96.19    | 93.08      | 28.70   | ppb   |
| Selenium   | 78-2  | 8.99     | 8.93     | 9.75     | 9.22       | 4.99    | ppb   |
| Selenium   | 82-1  | 0.59     | 0.08     | 0.77     | 0.48       | 74.63   | ppb   |
| Silicon    | 28-1  | 1195.82  | 1230.03  | 1257.13  | 1227.66    | 2.50    | ppb   |
| Silver     | 109-1 | 0.11     | 0.10     | 0.12     | 0.11       | 9.48    | ppb   |
| Silver     | 107-1 | 0.08     | 0.11     | 0.10     | 0.10       | 15.45   | ppb   |
| Sodium     | 23-2  | 259.03   | 282.03   | 279.24   | 273.43     | 4.59    | ppb   |
| Strontium  | 86-1  | 113.51   | 118.56   | 117.65   | 116.57     | 2.31    | ppb   |
| Strontium  | 88-1  | 119.22   | 120.24   | 121.58   | 120.35     | 0.98    | ppb   |
| Sulfur     | 34-1  | -4925.05 | -5026.61 | -4610.21 | -4853.96   |         | ppb   |
| Terbium    | 159-1 |          |          |          | 108        |         | %     |
| Terbium    | 159-2 |          |          |          | 103        |         | %     |
| Thallium   | 203-1 | 0.10     | 0.10     | 0.11     | 0.10       | 5.08    | ppb   |
| Thallium   | 205-1 | 0.09     | 0.08     | 0.11     | 0.10       | 13.04   | ppb   |
| Tin        | 118-1 | 0.72     | 0.74     | 0.79     | 0.75       | 4.47    | ppb   |
| Titanium   | 47-1  | 126.89   | 129.27   | 131.08   | 129.08     | 1.63    | ppb   |
| Uranium    | 238-1 | 0.30     | 0.30     | 0.29     | 0.30       | 1.95    | ppb   |
| Vanadium   | 51-2  | 132.37   | 134.81   | 130.07   | 132.42     | 1.79    | ppb   |
| Yttrium    | 89-1  |          |          |          | 108        |         | %     |
| Yttrium    | 89-2  |          |          |          | 103        |         | %     |
| Zinc       | 66-2  | 113.21   | 118.01   | 112.45   | 114.56     | 2.63    | ppb   |
| Zirconium  | 90-1  | 0.66     | 0.62     | 0.66     | 0.65       | 3.11    | ppb   |



|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB94089             | Operator :        | Jaswal    |
| Lab Sample ID :         | J1987-07            | Instrumnet Name : | P8        |
| Client Sample ID :      | MJHR74              | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2018-03-22 13:50:57 | DataFile Name :   | 032SMPL.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|-----------|------|---------|---------|---------|------------|---------|-------|
| Zirconium | 91-1 | 0.63    | 0.65    | 0.66    | 0.65       | 2.12    | ppb   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB94089             | Operator :        | Jaswal    |
| Lab Sample ID :         | J1987-08            | Instrumnet Name : | P8        |
| Client Sample ID :      | MJHR75              | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2018-03-22 13:54:15 | DataFile Name :   | 033SMPL.d |

| Parameter  | Mass  | ConRep1  | ConRep2  | ConRep3  | Avg. Conc. | ConcRSD | Units |
|------------|-------|----------|----------|----------|------------|---------|-------|
| Aluminium  | 27-2  | 31061.88 | 31519.59 | 31008.86 | 31196.78   | 0.90    | ppb   |
| Antimony   | 121-1 | 1.53     | 1.48     | 1.57     | 1.53       | 3.20    | ppb   |
| Arsenic    | 75-2  | 43.91    | 45.97    | 44.30    | 44.73      | 2.45    | ppb   |
| Barium     | 135-1 | 215.89   | 216.57   | 242.74   | 225.07     | 6.80    | ppb   |
| Barium     | 137-1 | 217.19   | 222.05   | 243.12   | 227.45     | 6.06    | ppb   |
| Beryllium  | 9-1   | 1.14     | 1.27     | 1.28     | 1.23       | 6.50    | ppb   |
| Bismuth    | 209-1 |          |          |          | 107        |         | %     |
| Bismuth    | 209-2 |          |          |          | 103        |         | %     |
| Boron      | 10-1  | 3.79     | 4.35     | 4.06     | 4.07       | 6.87    | ppb   |
| Boron      | 11-1  | 3.74     | 4.20     | 4.46     | 4.13       | 8.80    | ppb   |
| Cadmium    | 111-1 | 0.11     | 0.01     | 0.04     | 0.05       | 98.98   | ppb   |
| Cadmium    | 106-1 | -0.57    | -1.66    | -1.98    | -1.40      |         | ppb   |
| Cadmium    | 108-1 | 0.37     | 0.33     | 0.37     | 0.36       | 6.47    | ppb   |
| Calcium    | 43-1  | 10420.55 | 10481.34 | 11408.80 | 10770.23   | 5.14    | ppb   |
| Calcium    | 44-1  | 10632.80 | 10739.18 | 11635.04 | 11002.34   | 5.00    | ppb   |
| Chromium   | 52-2  | 44.95    | 45.64    | 44.76    | 45.11      | 1.03    | ppb   |
| Cobalt     | 59-2  | 36.32    | 37.05    | 35.83    | 36.40      | 1.68    | ppb   |
| Copper     | 63-2  | 164.04   | 167.12   | 165.58   | 165.58     | 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 |          |          |          | 107        |         | %     |
| Holmium    | 165-2 |          |          |          | 103        |         | %     |
| Indium     | 115-1 |          |          |          | 101        |         | %     |
| Indium     | 115-2 |          |          |          | 96         |         | %     |
| Iron       | 56-2  | 70518.20 | 71519.19 | 71408.37 | 71148.59   | 0.77    | ppb   |
| Iron       | 57-2  | 69469.39 | 70733.02 | 69924.16 | 70042.19   | 0.91    | ppb   |
| Lead       | 206-1 | 10.71    | 10.72    | 12.13    | 11.19      | 7.27    | ppb   |
| Lead       | 207-1 | 9.76     | 9.94     | 11.09    | 10.26      | 7.02    | ppb   |
| Lead       | 208-1 | 10.34    | 10.47    | 11.60    | 10.80      | 6.43    | ppb   |
| Lithium    | 6-1   |          |          |          | 100        |         | %     |
| Magnesium  | 24-2  | 10038.19 | 10103.20 | 9974.58  | 10038.66   | 0.64    | ppb   |
| Manganese  | 55-2  | 1682.72  | 1705.05  | 1687.63  | 1691.80    | 0.69    | ppb   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB94089             | Operator :        | Jaswal    |
| Lab Sample ID :         | J1987-08            | Instrumnet Name : | P8        |
| Client Sample ID :      | MJHR75              | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2018-03-22 13:54:15 | DataFile Name :   | 033SMPL.d |

| Parameter  | Mass  | ConRep1  | ConRep2  | ConRep3  | Avg. Conc. | ConcRSD | Units |
|------------|-------|----------|----------|----------|------------|---------|-------|
| Molybdenum | 94-1  | 1.57     | 1.55     | 1.60     | 1.57       | 1.79    | ppb   |
| Molybdenum | 95-1  | 0.50     | 0.52     | 0.51     | 0.51       | 2.47    | ppb   |
| Molybdenum | 96-1  | 0.81     | 0.78     | 0.84     | 0.81       | 3.60    | ppb   |
| Molybdenum | 97-1  | 0.47     | 0.51     | 0.44     | 0.47       | 7.08    | ppb   |
| Molybdenum | 98-1  | 0.46     | 0.46     | 0.53     | 0.49       | 8.62    | ppb   |
| Neodymium  | 150-1 |          |          |          |            |         | cps   |
| Neodymium  | 150-2 |          |          |          |            |         | cps   |
| Nickel     | 60-2  | 29.78    | 30.31    | 29.48    | 29.86      | 1.40    | ppb   |
| Phosphorus | 31-2  | 962.26   | 1005.41  | 862.29   | 943.32     | 7.78    | ppb   |
| Potassium  | 39-2  | 926.49   | 885.72   | 956.58   | 922.93     | 3.85    | ppb   |
| Rhodium    | 103-1 |          |          |          | 100        |         | %     |
| Rhodium    | 103-2 |          |          |          | 101        |         | %     |
| Scandium   | 45-1  |          |          |          | 99         |         | %     |
| Scandium   | 45-2  |          |          |          | 96         |         | %     |
| Selenium   | 77-2  | 78.13    | 45.37    | 84.28    | 69.26      | 30.20   | ppb   |
| Selenium   | 78-2  | 4.81     | 8.07     | 5.80     | 6.22       | 26.85   | ppb   |
| Selenium   | 82-1  | -0.59    | 0.14     | 0.71     | 0.09       | 736.56  | ppb   |
| Silicon    | 28-1  | 1303.91  | 1305.68  | 1411.40  | 1340.33    | 4.59    | ppb   |
| Silver     | 109-1 | 0.11     | 0.11     | 0.15     | 0.12       | 21.85   | ppb   |
| Silver     | 107-1 | 0.10     | 0.11     | 0.15     | 0.12       | 21.45   | ppb   |
| Sodium     | 23-2  | 297.32   | 303.69   | 279.00   | 293.34     | 4.37    | ppb   |
| Strontium  | 86-1  | 112.50   | 113.84   | 123.22   | 116.52     | 5.01    | ppb   |
| Strontium  | 88-1  | 116.29   | 116.53   | 126.00   | 119.61     | 4.63    | ppb   |
| Sulfur     | 34-1  | -4971.50 | -4988.43 | -4101.10 | -4687.01   |         | ppb   |
| Terbium    | 159-1 |          |          |          | 106        |         | %     |
| Terbium    | 159-2 |          |          |          | 103        |         | %     |
| Thallium   | 203-1 | 0.09     | 0.11     | 0.12     | 0.11       | 17.55   | ppb   |
| Thallium   | 205-1 | 0.10     | 0.12     | 0.13     | 0.12       | 12.43   | ppb   |
| Tin        | 118-1 | 1.10     | 1.25     | 1.31     | 1.22       | 9.03    | ppb   |
| Titanium   | 47-1  | 148.19   | 154.57   | 163.22   | 155.33     | 4.86    | ppb   |
| Uranium    | 238-1 | 0.31     | 0.33     | 0.35     | 0.33       | 6.26    | ppb   |
| Vanadium   | 51-2  | 153.89   | 154.22   | 155.28   | 154.46     | 0.47    | ppb   |
| Yttrium    | 89-1  |          |          |          | 106        |         | %     |
| Yttrium    | 89-2  |          |          |          | 102        |         | %     |
| Zinc       | 66-2  | 131.90   | 133.92   | 133.09   | 132.97     | 0.77    | ppb   |
| Zirconium  | 90-1  | 0.87     | 0.78     | 0.89     | 0.85       | 6.84    | ppb   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB94089             | Operator :        | Jaswal    |
| Lab Sample ID :         | J1987-08            | Instrumnet Name : | P8        |
| Client Sample ID :      | MJHR75              | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2018-03-22 13:54:15 | DataFile Name :   | 033SMPL.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|-----------|------|---------|---------|---------|------------|---------|-------|
| Zirconium | 91-1 | 0.83    | 0.78    | 0.92    | 0.84       | 8.10    | ppb   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB94089             | Operator :        | Jaswal    |
| Lab Sample ID :         | J1987-09            | Instrumnet Name : | P8        |
| Client Sample ID :      | MJHR76              | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2018-03-22 13:57:35 | DataFile Name :   | 034SMPL.d |

| Parameter  | Mass  | ConRep1  | ConRep2  | ConRep3  | Avg. Conc. | ConcRSD | Units |
|------------|-------|----------|----------|----------|------------|---------|-------|
| Aluminium  | 27-2  | 27975.35 | 27958.25 | 27934.48 | 27956.03   | 0.07    | ppb   |
| Antimony   | 121-1 | 1.27     | 1.29     | 1.39     | 1.31       | 5.12    | ppb   |
| Arsenic    | 75-2  | 38.73    | 38.65    | 38.18    | 38.52      | 0.77    | ppb   |
| Barium     | 135-1 | 221.12   | 218.11   | 222.80   | 220.67     | 1.08    | ppb   |
| Barium     | 137-1 | 224.72   | 217.69   | 222.26   | 221.56     | 1.61    | ppb   |
| Beryllium  | 9-1   | 1.09     | 1.25     | 1.30     | 1.21       | 9.13    | ppb   |
| Bismuth    | 209-1 |          |          |          | 111        |         | %     |
| Bismuth    | 209-2 |          |          |          | 105        |         | %     |
| Boron      | 10-1  | 3.72     | 3.09     | 4.54     | 3.78       | 19.32   | ppb   |
| Boron      | 11-1  | 3.24     | 3.34     | 3.47     | 3.35       | 3.43    | ppb   |
| Cadmium    | 111-1 | 0.23     | 0.14     | 0.13     | 0.17       | 31.70   | ppb   |
| Cadmium    | 106-1 | 0.40     | -0.72    | -0.47    | -0.26      |         | ppb   |
| Cadmium    | 108-1 | 0.25     | 0.50     | 0.46     | 0.40       | 34.04   | ppb   |
| Calcium    | 43-1  | 8768.77  | 8699.56  | 9030.72  | 8833.02    | 1.98    | ppb   |
| Calcium    | 44-1  | 8931.06  | 8672.61  | 9102.72  | 8902.13    | 2.43    | ppb   |
| Chromium   | 52-2  | 45.54    | 46.48    | 47.01    | 46.34      | 1.61    | ppb   |
| Cobalt     | 59-2  | 38.36    | 39.83    | 40.35    | 39.51      | 2.60    | ppb   |
| Copper     | 63-2  | 133.05   | 137.26   | 138.00   | 136.10     | 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 |          |          |          | 110        |         | %     |
| Holmium    | 165-2 |          |          |          | 103        |         | %     |
| Indium     | 115-1 |          |          |          | 103        |         | %     |
| Indium     | 115-2 |          |          |          | 97         |         | %     |
| Iron       | 56-2  | 69058.12 | 70711.43 | 70385.47 | 70051.68   | 1.25    | ppb   |
| Iron       | 57-2  | 67755.75 | 69585.47 | 69566.45 | 68969.22   | 1.52    | ppb   |
| Lead       | 206-1 | 7.24     | 7.40     | 7.37     | 7.33       | 1.17    | ppb   |
| Lead       | 207-1 | 6.56     | 6.67     | 6.56     | 6.60       | 0.95    | ppb   |
| Lead       | 208-1 | 6.94     | 7.01     | 7.07     | 7.00       | 0.92    | ppb   |
| Lithium    | 6-1   |          |          |          | 103        |         | %     |
| Magnesium  | 24-2  | 9117.13  | 9149.00  | 9223.86  | 9163.33    | 0.60    | ppb   |
| Manganese  | 55-2  | 1821.24  | 1852.49  | 1872.93  | 1848.88    | 1.41    | ppb   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB94089             | Operator :        | Jaswal    |
| Lab Sample ID :         | J1987-09            | Instrumnet Name : | P8        |
| Client Sample ID :      | MJHR76              | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2018-03-22 13:57:35 | DataFile Name :   | 034SMPL.d |

| Parameter  | Mass  | ConRep1  | ConRep2  | ConRep3  | Avg. Conc. | ConcRSD | Units |
|------------|-------|----------|----------|----------|------------|---------|-------|
| Molybdenum | 94-1  | 1.50     | 1.44     | 1.64     | 1.52       | 6.83    | ppb   |
| Molybdenum | 95-1  | 0.40     | 0.42     | 0.42     | 0.41       | 3.22    | ppb   |
| Molybdenum | 96-1  | 0.72     | 0.77     | 0.79     | 0.76       | 4.99    | ppb   |
| Molybdenum | 97-1  | 0.41     | 0.53     | 0.48     | 0.47       | 12.83   | ppb   |
| Molybdenum | 98-1  | 0.52     | 0.46     | 0.45     | 0.48       | 7.76    | ppb   |
| Neodymium  | 150-1 |          |          |          |            |         | cps   |
| Neodymium  | 150-2 |          |          |          |            |         | cps   |
| Nickel     | 60-2  | 27.60    | 29.13    | 30.19    | 28.97      | 4.49    | ppb   |
| Phosphorus | 31-2  | 1231.47  | 1158.38  | 1267.48  | 1219.11    | 4.56    | ppb   |
| Potassium  | 39-2  | 663.76   | 658.52   | 686.36   | 669.55     | 2.21    | ppb   |
| Rhodium    | 103-1 |          |          |          | 102        |         | %     |
| Rhodium    | 103-2 |          |          |          | 102        |         | %     |
| Scandium   | 45-1  |          |          |          | 101        |         | %     |
| Scandium   | 45-2  |          |          |          | 96         |         | %     |
| Selenium   | 77-2  | 57.55    | 24.77    | 78.48    | 53.60      | 50.51   | ppb   |
| Selenium   | 78-2  | 5.78     | 9.05     | 9.00     | 7.94       | 23.54   | ppb   |
| Selenium   | 82-1  | 1.28     | 0.46     | 1.03     | 0.92       | 45.73   | ppb   |
| Silicon    | 28-1  | 1323.95  | 1301.36  | 1315.20  | 1313.51    | 0.87    | ppb   |
| Silver     | 109-1 | 0.11     | 0.11     | 0.10     | 0.10       | 6.24    | ppb   |
| Silver     | 107-1 | 0.13     | 0.10     | 0.12     | 0.12       | 16.86   | ppb   |
| Sodium     | 23-2  | 283.14   | 277.73   | 290.15   | 283.67     | 2.19    | ppb   |
| Strontium  | 86-1  | 114.15   | 111.08   | 111.49   | 112.24     | 1.48    | ppb   |
| Strontium  | 88-1  | 117.66   | 115.17   | 117.65   | 116.83     | 1.23    | ppb   |
| Sulfur     | 34-1  | -4899.34 | -5177.15 | -4799.18 | -4958.56   |         | ppb   |
| Terbium    | 159-1 |          |          |          | 109        |         | %     |
| Terbium    | 159-2 |          |          |          | 102        |         | %     |
| Thallium   | 203-1 | 0.10     | 0.11     | 0.10     | 0.10       | 7.07    | ppb   |
| Thallium   | 205-1 | 0.09     | 0.10     | 0.11     | 0.10       | 8.38    | ppb   |
| Tin        | 118-1 | 0.79     | 0.88     | 0.79     | 0.82       | 6.69    | ppb   |
| Titanium   | 47-1  | 153.88   | 155.09   | 156.25   | 155.07     | 0.77    | ppb   |
| Uranium    | 238-1 | 0.30     | 0.29     | 0.33     | 0.31       | 7.25    | ppb   |
| Vanadium   | 51-2  | 153.87   | 158.40   | 158.85   | 157.04     | 1.76    | ppb   |
| Yttrium    | 89-1  |          |          |          | 107        |         | %     |
| Yttrium    | 89-2  |          |          |          | 102        |         | %     |
| Zinc       | 66-2  | 125.31   | 126.13   | 127.22   | 126.22     | 0.76    | ppb   |
| Zirconium  | 90-1  | 0.75     | 0.78     | 0.76     | 0.76       | 2.33    | ppb   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB94089             | Operator :        | Jaswal    |
| Lab Sample ID :         | J1987-09            | Instrumnet Name : | P8        |
| Client Sample ID :      | MJHR76              | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2018-03-22 13:57:35 | DataFile Name :   | 034SMPL.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|-----------|------|---------|---------|---------|------------|---------|-------|
| Zirconium | 91-1 | 0.74    | 0.75    | 0.81    | 0.77       | 4.71    | ppb   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB94089             | Operator :        | Jaswal    |
| Lab Sample ID :         | J1987-10            | Instrumnet Name : | P8        |
| Client Sample ID :      | MJHR77              | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2018-03-22 14:00:53 | DataFile Name :   | 035SMPL.d |

| Parameter  | Mass  | ConRep1  | ConRep2  | ConRep3  | Avg. Conc. | ConcRSD | Units |
|------------|-------|----------|----------|----------|------------|---------|-------|
| Aluminium  | 27-2  | 32542.88 | 32820.75 | 33357.46 | 32907.03   | 1.26    | ppb   |
| Antimony   | 121-1 | 1.14     | 1.12     | 1.07     | 1.11       | 3.21    | ppb   |
| Arsenic    | 75-2  | 42.28    | 43.77    | 44.54    | 43.53      | 2.64    | ppb   |
| Barium     | 135-1 | 268.42   | 263.63   | 267.18   | 266.41     | 0.93    | ppb   |
| Barium     | 137-1 | 272.97   | 264.26   | 270.30   | 269.18     | 1.66    | ppb   |
| Beryllium  | 9-1   | 1.39     | 1.26     | 1.22     | 1.29       | 6.90    | ppb   |
| Bismuth    | 209-1 |          |          |          | 111        |         | %     |
| Bismuth    | 209-2 |          |          |          | 102        |         | %     |
| Boron      | 10-1  | 2.05     | 3.78     | 3.28     | 3.04       | 29.28   | ppb   |
| Boron      | 11-1  | 3.97     | 3.83     | 4.12     | 3.97       | 3.67    | ppb   |
| Cadmium    | 111-1 | 0.08     | -0.07    | 0.06     | 0.02       | 369.00  | ppb   |
| Cadmium    | 106-1 | -0.45    | -2.31    | -0.75    | -1.17      |         | ppb   |
| Cadmium    | 108-1 | 0.52     | 0.49     | 0.51     | 0.51       | 2.13    | ppb   |
| Calcium    | 43-1  | 11403.88 | 11295.72 | 11323.49 | 11341.03   | 0.50    | ppb   |
| Calcium    | 44-1  | 11720.25 | 11433.17 | 11660.51 | 11604.64   | 1.31    | ppb   |
| Chromium   | 52-2  | 58.28    | 60.38    | 60.25    | 59.64      | 1.98    | ppb   |
| Cobalt     | 59-2  | 44.60    | 46.53    | 47.13    | 46.09      | 2.86    | ppb   |
| Copper     | 63-2  | 151.18   | 155.28   | 157.93   | 154.80     | 2.20    | ppb   |
| Dysprosium | 156-1 |          |          |          |            |         | cps   |
| Dysprosium | 156-2 |          |          |          |            |         | cps   |
| Erbium     | 164-1 |          |          |          |            |         | cps   |
| Erbium     | 164-2 |          |          |          |            |         | cps   |
| Gadolinium | 160-1 |          |          |          |            |         | cps   |
| Gadolinium | 160-2 |          |          |          |            |         | cps   |
| Holmium    | 165-1 |          |          |          | 109        |         | %     |
| Holmium    | 165-2 |          |          |          | 102        |         | %     |
| Indium     | 115-1 |          |          |          | 103        |         | %     |
| Indium     | 115-2 |          |          |          | 96         |         | %     |
| Iron       | 56-2  | 80043.94 | 81423.83 | 82660.47 | 81376.08   | 1.61    | ppb   |
| Iron       | 57-2  | 79002.80 | 80250.30 | 80977.28 | 80076.80   | 1.25    | ppb   |
| Lead       | 206-1 | 5.98     | 5.90     | 6.19     | 6.02       | 2.48    | ppb   |
| Lead       | 207-1 | 5.54     | 5.39     | 5.46     | 5.46       | 1.38    | ppb   |
| Lead       | 208-1 | 5.75     | 5.66     | 5.83     | 5.75       | 1.49    | ppb   |
| Lithium    | 6-1   |          |          |          | 102        |         | %     |
| Magnesium  | 24-2  | 10799.14 | 11131.32 | 11312.47 | 11080.98   | 2.35    | ppb   |
| Manganese  | 55-2  | 2154.78  | 2211.43  | 2236.62  | 2200.94    | 1.90    | ppb   |



|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB94089             | Operator :        | Jaswal    |
| Lab Sample ID :         | J1987-10            | Instrumnet Name : | P8        |
| Client Sample ID :      | MJHR77              | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2018-03-22 14:00:53 | DataFile Name :   | 035SMPL.d |

| Parameter  | Mass  | ConRep1  | ConRep2  | ConRep3  | Avg. Conc. | ConcRSD | Units |
|------------|-------|----------|----------|----------|------------|---------|-------|
| Molybdenum | 94-1  | 1.73     | 1.89     | 1.72     | 1.78       | 5.27    | ppb   |
| Molybdenum | 95-1  | 0.39     | 0.42     | 0.42     | 0.41       | 4.63    | ppb   |
| Molybdenum | 96-1  | 0.79     | 0.78     | 0.73     | 0.77       | 3.96    | ppb   |
| Molybdenum | 97-1  | 0.43     | 0.46     | 0.40     | 0.43       | 6.60    | ppb   |
| Molybdenum | 98-1  | 0.42     | 0.39     | 0.43     | 0.41       | 4.84    | ppb   |
| Neodymium  | 150-1 |          |          |          |            |         | cps   |
| Neodymium  | 150-2 |          |          |          |            |         | cps   |
| Nickel     | 60-2  | 34.91    | 36.48    | 36.40    | 35.93      | 2.47    | ppb   |
| Phosphorus | 31-2  | 1014.58  | 1309.36  | 955.88   | 1093.27    | 17.33   | ppb   |
| Potassium  | 39-2  | 1594.36  | 1666.17  | 1757.69  | 1672.74    | 4.89    | ppb   |
| Rhodium    | 103-1 |          |          |          | 102        |         | %     |
| Rhodium    | 103-2 |          |          |          | 99         |         | %     |
| Scandium   | 45-1  |          |          |          | 101        |         | %     |
| Scandium   | 45-2  |          |          |          | 94         |         | %     |
| Selenium   | 77-2  | 24.81    | 52.31    | 81.00    | 52.71      | 53.31   | ppb   |
| Selenium   | 78-2  | 4.88     | 7.03     | 9.32     | 7.08       | 31.42   | ppb   |
| Selenium   | 82-1  | 0.06     | 0.22     | 0.12     | 0.13       | 63.17   | ppb   |
| Silicon    | 28-1  | 1526.21  | 1779.26  | 1465.42  | 1590.30    | 10.47   | ppb   |
| Silver     | 109-1 | 0.08     | 0.10     | 0.11     | 0.10       | 12.24   | ppb   |
| Silver     | 107-1 | 0.10     | 0.11     | 0.11     | 0.11       | 5.68    | ppb   |
| Sodium     | 23-2  | 247.66   | 242.78   | 260.92   | 250.45     | 3.75    | ppb   |
| Strontium  | 86-1  | 133.05   | 129.88   | 130.08   | 131.00     | 1.36    | ppb   |
| Strontium  | 88-1  | 135.70   | 134.29   | 135.57   | 135.19     | 0.58    | ppb   |
| Sulfur     | 34-1  | -5068.76 | -5392.39 | -5263.06 | -5241.40   |         | ppb   |
| Terbium    | 159-1 |          |          |          | 109        |         | %     |
| Terbium    | 159-2 |          |          |          | 102        |         | %     |
| Thallium   | 203-1 | 0.12     | 0.12     | 0.12     | 0.12       | 2.67    | ppb   |
| Thallium   | 205-1 | 0.11     | 0.09     | 0.10     | 0.10       | 8.39    | ppb   |
| Tin        | 118-1 | 0.94     | 0.86     | 0.94     | 0.91       | 4.92    | ppb   |
| Titanium   | 47-1  | 151.99   | 150.31   | 152.57   | 151.62     | 0.77    | ppb   |
| Uranium    | 238-1 | 0.32     | 0.30     | 0.30     | 0.31       | 3.63    | ppb   |
| Vanadium   | 51-2  | 171.72   | 176.74   | 178.61   | 175.69     | 2.03    | ppb   |
| Yttrium    | 89-1  |          |          |          | 107        |         | %     |
| Yttrium    | 89-2  |          |          |          | 100        |         | %     |
| Zinc       | 66-2  | 144.46   | 146.58   | 151.83   | 147.62     | 2.57    | ppb   |
| Zirconium  | 90-1  | 1.06     | 0.95     | 1.00     | 1.00       | 5.37    | ppb   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB94089             | Operator :        | Jaswal    |
| Lab Sample ID :         | J1987-10            | Instrumnet Name : | P8        |
| Client Sample ID :      | MJHR77              | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2018-03-22 14:00:53 | DataFile Name :   | 035SMPL.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|-----------|------|---------|---------|---------|------------|---------|-------|
| Zirconium | 91-1 | 1.07    | 1.11    | 1.04    | 1.07       | 3.28    | ppb   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB94089             | Operator :        | Jaswal    |
| Lab Sample ID :         | J1987-11            | Instrumnet Name : | P8        |
| Client Sample ID :      | MJHR78              | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2018-03-22 14:04:13 | DataFile Name :   | 036SMPL.d |

| Parameter  | Mass  | ConRep1  | ConRep2  | ConRep3  | Avg. Conc. | ConcRSD | Units |
|------------|-------|----------|----------|----------|------------|---------|-------|
| Aluminium  | 27-2  | 30062.39 | 30545.37 | 30673.63 | 30427.13   | 1.06    | ppb   |
| Antimony   | 121-1 | 3.36     | 3.23     | 3.21     | 3.27       | 2.47    | ppb   |
| Arsenic    | 75-2  | 52.26    | 53.40    | 51.53    | 52.40      | 1.79    | ppb   |
| Barium     | 135-1 | 210.05   | 209.20   | 202.74   | 207.33     | 1.93    | ppb   |
| Barium     | 137-1 | 213.18   | 210.27   | 205.15   | 209.53     | 1.94    | ppb   |
| Beryllium  | 9-1   | 1.26     | 1.43     | 1.23     | 1.30       | 8.39    | ppb   |
| Bismuth    | 209-1 |          |          |          | 111        |         | %     |
| Bismuth    | 209-2 |          |          |          | 105        |         | %     |
| Boron      | 10-1  | 3.31     | 3.35     | 3.59     | 3.42       | 4.42    | ppb   |
| Boron      | 11-1  | 3.88     | 4.03     | 3.68     | 3.87       | 4.48    | ppb   |
| Cadmium    | 111-1 | 0.02     | 0.05     | 0.07     | 0.05       | 50.42   | ppb   |
| Cadmium    | 106-1 | -2.11    | -0.81    | -0.99    | -1.30      |         | ppb   |
| Cadmium    | 108-1 | 0.69     | 0.29     | 0.37     | 0.45       | 47.64   | ppb   |
| Calcium    | 43-1  | 9919.45  | 10034.15 | 9704.27  | 9885.96    | 1.69    | ppb   |
| Calcium    | 44-1  | 10165.98 | 10111.29 | 9872.80  | 10050.03   | 1.55    | ppb   |
| Chromium   | 52-2  | 57.23    | 56.47    | 58.65    | 57.45      | 1.92    | ppb   |
| Cobalt     | 59-2  | 32.93    | 32.51    | 33.09    | 32.84      | 0.92    | ppb   |
| Copper     | 63-2  | 139.30   | 140.92   | 142.29   | 140.84     | 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 |          |          |          | 109        |         | %     |
| Holmium    | 165-2 |          |          |          | 102        |         | %     |
| Indium     | 115-1 |          |          |          | 102        |         | %     |
| Indium     | 115-2 |          |          |          | 96         |         | %     |
| Iron       | 56-2  | 66797.38 | 67930.58 | 68748.22 | 67825.39   | 1.44    | ppb   |
| Iron       | 57-2  | 66399.28 | 66501.61 | 67499.36 | 66800.08   | 0.91    | ppb   |
| Lead       | 206-1 | 10.53    | 10.26    | 10.35    | 10.38      | 1.36    | ppb   |
| Lead       | 207-1 | 9.44     | 9.58     | 9.32     | 9.45       | 1.37    | ppb   |
| Lead       | 208-1 | 10.06    | 9.98     | 9.80     | 9.95       | 1.31    | ppb   |
| Lithium    | 6-1   |          |          |          | 103        |         | %     |
| Magnesium  | 24-2  | 8836.65  | 9054.02  | 9000.77  | 8963.81    | 1.26    | ppb   |
| Manganese  | 55-2  | 931.82   | 937.44   | 958.38   | 942.55     | 1.49    | ppb   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB94089             | Operator :        | Jaswal    |
| Lab Sample ID :         | J1987-11            | Instrumnet Name : | P8        |
| Client Sample ID :      | MJHR78              | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2018-03-22 14:04:13 | DataFile Name :   | 036SMPL.d |

| Parameter  | Mass  | ConRep1  | ConRep2  | ConRep3  | Avg. Conc. | ConcRSD | Units |
|------------|-------|----------|----------|----------|------------|---------|-------|
| Molybdenum | 94-1  | 1.64     | 1.66     | 1.91     | 1.74       | 8.55    | ppb   |
| Molybdenum | 95-1  | 0.47     | 0.43     | 0.42     | 0.44       | 6.59    | ppb   |
| Molybdenum | 96-1  | 0.78     | 0.77     | 0.86     | 0.81       | 6.25    | ppb   |
| Molybdenum | 97-1  | 0.49     | 0.50     | 0.51     | 0.50       | 2.19    | ppb   |
| Molybdenum | 98-1  | 0.49     | 0.49     | 0.46     | 0.48       | 2.93    | ppb   |
| Neodymium  | 150-1 |          |          |          |            |         | cps   |
| Neodymium  | 150-2 |          |          |          |            |         | cps   |
| Nickel     | 60-2  | 28.15    | 29.61    | 29.73    | 29.16      | 3.02    | ppb   |
| Phosphorus | 31-2  | 1059.10  | 1180.95  | 872.53   | 1037.53    | 14.97   | ppb   |
| Potassium  | 39-2  | 1366.89  | 1383.31  | 1379.36  | 1376.52    | 0.62    | ppb   |
| Rhodium    | 103-1 |          |          |          | 102        |         | %     |
| Rhodium    | 103-2 |          |          |          | 101        |         | %     |
| Scandium   | 45-1  |          |          |          | 101        |         | %     |
| Scandium   | 45-2  |          |          |          | 94         |         | %     |
| Selenium   | 77-2  | 71.18    | 113.61   | 45.85    | 76.88      | 44.53   | ppb   |
| Selenium   | 78-2  | 9.95     | 8.08     | 11.35    | 9.79       | 16.76   | ppb   |
| Selenium   | 82-1  | -0.38    | 0.46     | 1.07     | 0.38       | 189.58  | ppb   |
| Silicon    | 28-1  | 2260.92  | 2236.32  | 2163.29  | 2220.17    | 2.29    | ppb   |
| Silver     | 109-1 | 0.10     | 0.11     | 0.10     | 0.10       | 5.63    | ppb   |
| Silver     | 107-1 | 0.09     | 0.10     | 0.09     | 0.09       | 7.00    | ppb   |
| Sodium     | 23-2  | 244.71   | 262.86   | 260.02   | 255.86     | 3.82    | ppb   |
| Strontium  | 86-1  | 135.68   | 131.70   | 129.65   | 132.35     | 2.32    | ppb   |
| Strontium  | 88-1  | 139.59   | 136.23   | 133.99   | 136.60     | 2.06    | ppb   |
| Sulfur     | 34-1  | -5068.06 | -5308.86 | -5554.24 | -5310.39   |         | ppb   |
| Terbium    | 159-1 |          |          |          | 108        |         | %     |
| Terbium    | 159-2 |          |          |          | 103        |         | %     |
| Thallium   | 203-1 | 0.11     | 0.12     | 0.09     | 0.11       | 15.83   | ppb   |
| Thallium   | 205-1 | 0.12     | 0.11     | 0.10     | 0.11       | 10.11   | ppb   |
| Tin        | 118-1 | 1.88     | 1.84     | 1.78     | 1.83       | 2.81    | ppb   |
| Titanium   | 47-1  | 167.70   | 165.84   | 165.65   | 166.40     | 0.68    | ppb   |
| Uranium    | 238-1 | 0.35     | 0.33     | 0.33     | 0.34       | 3.10    | ppb   |
| Vanadium   | 51-2  | 169.38   | 171.76   | 171.60   | 170.92     | 0.78    | ppb   |
| Yttrium    | 89-1  |          |          |          | 106        |         | %     |
| Yttrium    | 89-2  |          |          |          | 101        |         | %     |
| Zinc       | 66-2  | 138.07   | 147.87   | 147.64   | 144.52     | 3.87    | ppb   |
| Zirconium  | 90-1  | 0.97     | 0.90     | 0.92     | 0.93       | 3.90    | ppb   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB94089             | Operator :        | Jaswal    |
| Lab Sample ID :         | J1987-11            | Instrumnet Name : | P8        |
| Client Sample ID :      | MJHR78              | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2018-03-22 14:04:13 | DataFile Name :   | 036SMPL.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|-----------|------|---------|---------|---------|------------|---------|-------|
| Zirconium | 91-1 | 0.99    | 0.91    | 1.05    | 0.98       | 7.38    | ppb   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB94089             | Operator :        | Jaswal    |
| Lab Sample ID :         | J1987-12            | Instrumnet Name : | P8        |
| Client Sample ID :      | MJHR79              | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2018-03-22 14:07:31 | DataFile Name :   | 037SMPL.d |

| Parameter  | Mass  | ConRep1  | ConRep2  | ConRep3  | Avg. Conc. | ConcRSD | Units |
|------------|-------|----------|----------|----------|------------|---------|-------|
| Aluminium  | 27-2  | 26510.10 | 26103.25 | 26301.56 | 26304.97   | 0.77    | ppb   |
| Antimony   | 121-1 | 3.65     | 3.67     | 3.71     | 3.68       | 0.76    | ppb   |
| Arsenic    | 75-2  | 83.83    | 85.81    | 84.45    | 84.70      | 1.19    | ppb   |
| Barium     | 135-1 | 204.51   | 210.46   | 202.21   | 205.73     | 2.07    | ppb   |
| Barium     | 137-1 | 203.55   | 209.56   | 204.66   | 205.92     | 1.55    | ppb   |
| Beryllium  | 9-1   | 1.10     | 1.16     | 1.17     | 1.14       | 3.11    | ppb   |
| Bismuth    | 209-1 |          |          |          | 111        |         | %     |
| Bismuth    | 209-2 |          |          |          | 107        |         | %     |
| Boron      | 10-1  | 3.07     | 3.27     | 3.02     | 3.12       | 4.23    | ppb   |
| Boron      | 11-1  | 3.19     | 3.10     | 2.67     | 2.99       | 9.23    | ppb   |
| Cadmium    | 111-1 | 0.10     | 0.09     | 0.03     | 0.07       | 49.16   | ppb   |
| Cadmium    | 106-1 | -0.91    | -1.33    | -2.22    | -1.49      |         | ppb   |
| Cadmium    | 108-1 | 0.37     | 0.47     | 0.45     | 0.43       | 12.13   | ppb   |
| Calcium    | 43-1  | 7351.73  | 7390.23  | 7033.89  | 7258.62    | 2.69    | ppb   |
| Calcium    | 44-1  | 7408.83  | 7476.25  | 7296.68  | 7393.92    | 1.23    | ppb   |
| Chromium   | 52-2  | 52.15    | 51.28    | 51.19    | 51.54      | 1.03    | ppb   |
| Cobalt     | 59-2  | 50.33    | 49.93    | 50.31    | 50.19      | 0.45    | ppb   |
| Copper     | 63-2  | 124.15   | 122.86   | 123.21   | 123.41     | 0.54    | ppb   |
| Dysprosium | 156-1 |          |          |          |            |         | cps   |
| Dysprosium | 156-2 |          |          |          |            |         | cps   |
| Erbium     | 164-1 |          |          |          |            |         | cps   |
| Erbium     | 164-2 |          |          |          |            |         | cps   |
| Gadolinium | 160-1 |          |          |          |            |         | cps   |
| Gadolinium | 160-2 |          |          |          |            |         | cps   |
| Holmium    | 165-1 |          |          |          | 110        |         | %     |
| Holmium    | 165-2 |          |          |          | 104        |         | %     |
| Indium     | 115-1 |          |          |          | 103        |         | %     |
| Indium     | 115-2 |          |          |          | 96         |         | %     |
| Iron       | 56-2  | 65906.24 | 64946.88 | 65455.50 | 65436.21   | 0.73    | ppb   |
| Iron       | 57-2  | 65105.64 | 64175.35 | 64791.04 | 64690.68   | 0.73    | ppb   |
| Lead       | 206-1 | 7.94     | 7.97     | 7.64     | 7.85       | 2.32    | ppb   |
| Lead       | 207-1 | 7.34     | 7.07     | 6.90     | 7.10       | 3.10    | ppb   |
| Lead       | 208-1 | 7.59     | 7.51     | 7.38     | 7.49       | 1.46    | ppb   |
| Lithium    | 6-1   |          |          |          | 102        |         | %     |
| Magnesium  | 24-2  | 4796.51  | 4785.52  | 4781.96  | 4788.00    | 0.16    | ppb   |
| Manganese  | 55-2  | 2723.20  | 2706.49  | 2723.32  | 2717.67    | 0.36    | ppb   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB94089             | Operator :        | Jaswal    |
| Lab Sample ID :         | J1987-12            | Instrumnet Name : | P8        |
| Client Sample ID :      | MJHR79              | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2018-03-22 14:07:31 | DataFile Name :   | 037SMPL.d |

| Parameter  | Mass  | ConRep1  | ConRep2  | ConRep3  | Avg. Conc. | ConcRSD | Units |
|------------|-------|----------|----------|----------|------------|---------|-------|
| Molybdenum | 94-1  | 1.40     | 1.16     | 1.15     | 1.23       | 11.48   | ppb   |
| Molybdenum | 95-1  | 0.38     | 0.28     | 0.36     | 0.34       | 15.69   | ppb   |
| Molybdenum | 96-1  | 0.69     | 0.58     | 0.63     | 0.63       | 8.39    | ppb   |
| Molybdenum | 97-1  | 0.36     | 0.41     | 0.31     | 0.36       | 13.84   | ppb   |
| Molybdenum | 98-1  | 0.34     | 0.36     | 0.36     | 0.35       | 3.86    | ppb   |
| Neodymium  | 150-1 |          |          |          |            |         | cps   |
| Neodymium  | 150-2 |          |          |          |            |         | cps   |
| Nickel     | 60-2  | 43.95    | 44.31    | 44.19    | 44.15      | 0.42    | ppb   |
| Phosphorus | 31-2  | 1089.32  | 1420.30  | 1324.67  | 1278.10    | 13.33   | ppb   |
| Potassium  | 39-2  | 693.84   | 729.75   | 722.39   | 715.33     | 2.65    | ppb   |
| Rhodium    | 103-1 |          |          |          | 102        |         | %     |
| Rhodium    | 103-2 |          |          |          | 102        |         | %     |
| Scandium   | 45-1  |          |          |          | 100        |         | %     |
| Scandium   | 45-2  |          |          |          | 95         |         | %     |
| Selenium   | 77-2  | 66.05    | 59.61    | 45.94    | 57.20      | 17.95   | ppb   |
| Selenium   | 78-2  | 5.99     | 10.29    | 2.86     | 6.38       | 58.51   | ppb   |
| Selenium   | 82-1  | 0.49     | 0.27     | 0.62     | 0.46       | 38.89   | ppb   |
| Silicon    | 28-1  | 1458.26  | 1462.39  | 1419.23  | 1446.63    | 1.65    | ppb   |
| Silver     | 109-1 | 0.08     | 0.08     | 0.09     | 0.09       | 3.10    | ppb   |
| Silver     | 107-1 | 0.10     | 0.10     | 0.09     | 0.09       | 3.41    | ppb   |
| Sodium     | 23-2  | 190.84   | 183.88   | 181.21   | 185.31     | 2.68    | ppb   |
| Strontium  | 86-1  | 72.04    | 72.18    | 69.20    | 71.14      | 2.37    | ppb   |
| Strontium  | 88-1  | 71.60    | 71.64    | 69.84    | 71.03      | 1.45    | ppb   |
| Sulfur     | 34-1  | -5333.41 | -5462.27 | -5707.57 | -5501.09   |         | ppb   |
| Terbium    | 159-1 |          |          |          | 109        |         | %     |
| Terbium    | 159-2 |          |          |          | 103        |         | %     |
| Thallium   | 203-1 | 0.17     | 0.16     | 0.20     | 0.18       | 10.46   | ppb   |
| Thallium   | 205-1 | 0.20     | 0.17     | 0.19     | 0.19       | 6.49    | ppb   |
| Tin        | 118-1 | 1.11     | 1.11     | 1.04     | 1.08       | 3.96    | ppb   |
| Titanium   | 47-1  | 91.42    | 92.89    | 91.73    | 92.01      | 0.85    | ppb   |
| Uranium    | 238-1 | 0.30     | 0.29     | 0.28     | 0.29       | 3.10    | ppb   |
| Vanadium   | 51-2  | 143.84   | 140.09   | 142.88   | 142.27     | 1.37    | ppb   |
| Yttrium    | 89-1  |          |          |          | 106        |         | %     |
| Yttrium    | 89-2  |          |          |          | 100        |         | %     |
| Zinc       | 66-2  | 118.80   | 124.57   | 121.52   | 121.63     | 2.37    | ppb   |
| Zirconium  | 90-1  | 0.69     | 0.67     | 0.67     | 0.67       | 1.74    | ppb   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB94089             | Operator :        | Jaswal    |
| Lab Sample ID :         | J1987-12            | Instrumnet Name : | P8        |
| Client Sample ID :      | MJHR79              | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2018-03-22 14:07:31 | DataFile Name :   | 037SMPL.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|-----------|------|---------|---------|---------|------------|---------|-------|
| Zirconium | 91-1 | 0.71    | 0.70    | 0.66    | 0.69       | 3.89    | ppb   |



|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB94089             | Operator :        | Jaswal    |
| Lab Sample ID :         | J1987-13            | Instrumnet Name : | P8        |
| Client Sample ID :      | MJHR80              | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2018-03-22 14:10:50 | DataFile Name :   | 038SMPL.d |

| Parameter  | Mass  | ConRep1  | ConRep2  | ConRep3  | Avg. Conc. | ConcRSD | Units |
|------------|-------|----------|----------|----------|------------|---------|-------|
| Aluminium  | 27-2  | 34363.72 | 33255.37 | 33459.07 | 33692.72   | 1.75    | ppb   |
| Antimony   | 121-1 | 9.37     | 9.49     | 9.07     | 9.31       | 2.33    | ppb   |
| Arsenic    | 75-2  | 100.94   | 101.96   | 105.16   | 102.69     | 2.14    | ppb   |
| Barium     | 135-1 | 184.19   | 188.00   | 184.11   | 185.43     | 1.20    | ppb   |
| Barium     | 137-1 | 188.53   | 190.29   | 185.56   | 188.12     | 1.27    | ppb   |
| Beryllium  | 9-1   | 0.97     | 0.68     | 0.81     | 0.82       | 18.34   | ppb   |
| Bismuth    | 209-1 |          |          |          | 112        |         | %     |
| Bismuth    | 209-2 |          |          |          | 107        |         | %     |
| Boron      | 10-1  | 4.53     | 4.08     | 3.78     | 4.13       | 9.14    | ppb   |
| Boron      | 11-1  | 4.10     | 4.52     | 4.10     | 4.24       | 5.66    | ppb   |
| Cadmium    | 111-1 | 0.39     | 0.33     | 0.24     | 0.32       | 22.37   | ppb   |
| Cadmium    | 106-1 | -0.32    | -1.16    | -1.15    | -0.88      |         | ppb   |
| Cadmium    | 108-1 | 0.67     | 0.42     | 0.58     | 0.56       | 22.73   | ppb   |
| Calcium    | 43-1  | 7693.03  | 7753.87  | 7624.12  | 7690.34    | 0.84    | ppb   |
| Calcium    | 44-1  | 7767.40  | 7951.84  | 7672.44  | 7797.23    | 1.82    | ppb   |
| Chromium   | 52-2  | 62.59    | 59.82    | 61.68    | 61.36      | 2.30    | ppb   |
| Cobalt     | 59-2  | 48.11    | 45.30    | 47.40    | 46.94      | 3.11    | ppb   |
| Copper     | 63-2  | 152.63   | 146.25   | 151.37   | 150.08     | 2.25    | ppb   |
| Dysprosium | 156-1 |          |          |          |            |         | cps   |
| Dysprosium | 156-2 |          |          |          |            |         | cps   |
| Erbium     | 164-1 |          |          |          |            |         | cps   |
| Erbium     | 164-2 |          |          |          |            |         | cps   |
| Gadolinium | 160-1 |          |          |          |            |         | cps   |
| Gadolinium | 160-2 |          |          |          |            |         | cps   |
| Holmium    | 165-1 |          |          |          | 110        |         | %     |
| Holmium    | 165-2 |          |          |          | 103        |         | %     |
| Indium     | 115-1 |          |          |          | 103        |         | %     |
| Indium     | 115-2 |          |          |          | 97         |         | %     |
| Iron       | 56-2  | 53610.61 | 51212.80 | 53026.77 | 52616.72   | 2.38    | ppb   |
| Iron       | 57-2  | 53027.39 | 50554.93 | 52101.11 | 51894.48   | 2.41    | ppb   |
| Lead       | 206-1 | 35.31    | 35.90    | 35.14    | 35.45      | 1.12    | ppb   |
| Lead       | 207-1 | 32.13    | 32.87    | 31.80    | 32.27      | 1.69    | ppb   |
| Lead       | 208-1 | 33.95    | 34.37    | 33.51    | 33.95      | 1.27    | ppb   |
| Lithium    | 6-1   |          |          |          | 102        |         | %     |
| Magnesium  | 24-2  | 6516.21  | 6307.23  | 6310.69  | 6378.04    | 1.88    | ppb   |
| Manganese  | 55-2  | 2482.26  | 2374.45  | 2449.14  | 2435.28    | 2.27    | ppb   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB94089             | Operator :        | Jaswal    |
| Lab Sample ID :         | J1987-13            | Instrumnet Name : | P8        |
| Client Sample ID :      | MJHR80              | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2018-03-22 14:10:50 | DataFile Name :   | 038SMPL.d |

| Parameter  | Mass  | ConRep1  | ConRep2  | ConRep3  | Avg. Conc. | ConcRSD | Units |
|------------|-------|----------|----------|----------|------------|---------|-------|
| Molybdenum | 94-1  | 1.26     | 1.38     | 1.09     | 1.24       | 11.86   | ppb   |
| Molybdenum | 95-1  | 0.40     | 0.37     | 0.38     | 0.38       | 5.08    | ppb   |
| Molybdenum | 96-1  | 0.62     | 0.65     | 0.61     | 0.63       | 3.43    | ppb   |
| Molybdenum | 97-1  | 0.41     | 0.36     | 0.36     | 0.38       | 7.79    | ppb   |
| Molybdenum | 98-1  | 0.44     | 0.40     | 0.42     | 0.42       | 4.64    | ppb   |
| Neodymium  | 150-1 |          |          |          |            |         | cps   |
| Neodymium  | 150-2 |          |          |          |            |         | cps   |
| Nickel     | 60-2  | 45.73    | 43.24    | 43.47    | 44.15      | 3.11    | ppb   |
| Phosphorus | 31-2  | 1745.60  | 1522.15  | 1587.71  | 1618.49    | 7.10    | ppb   |
| Potassium  | 39-2  | 1270.39  | 1229.78  | 1240.67  | 1246.95    | 1.69    | ppb   |
| Rhodium    | 103-1 |          |          |          | 102        |         | %     |
| Rhodium    | 103-2 |          |          |          | 102        |         | %     |
| Scandium   | 45-1  |          |          |          | 98         |         | %     |
| Scandium   | 45-2  |          |          |          | 92         |         | %     |
| Selenium   | 77-2  | 73.60    | 11.41    | 18.37    | 34.46      | 98.89   | ppb   |
| Selenium   | 78-2  | 9.26     | 8.12     | 6.04     | 7.80       | 20.89   | ppb   |
| Selenium   | 82-1  | 0.33     | 0.53     | -0.14    | 0.24       | 142.79  | ppb   |
| Silicon    | 28-1  | 1508.16  | 1539.31  | 1503.15  | 1516.87    | 1.29    | ppb   |
| Silver     | 109-1 | 0.11     | 0.10     | 0.12     | 0.11       | 7.86    | ppb   |
| Silver     | 107-1 | 0.10     | 0.14     | 0.11     | 0.12       | 18.49   | ppb   |
| Sodium     | 23-2  | 224.49   | 213.06   | 216.10   | 217.88     | 2.72    | ppb   |
| Strontium  | 86-1  | 109.18   | 113.53   | 108.57   | 110.42     | 2.45    | ppb   |
| Strontium  | 88-1  | 112.87   | 114.97   | 110.95   | 112.93     | 1.78    | ppb   |
| Sulfur     | 34-1  | -4726.27 | -4813.85 | -5131.17 | -4890.43   |         | ppb   |
| Terbium    | 159-1 |          |          |          | 109        |         | %     |
| Terbium    | 159-2 |          |          |          | 103        |         | %     |
| Thallium   | 203-1 | 0.45     | 0.45     | 0.50     | 0.47       | 6.79    | ppb   |
| Thallium   | 205-1 | 0.45     | 0.45     | 0.44     | 0.45       | 1.13    | ppb   |
| Tin        | 118-1 | 5.05     | 5.08     | 5.08     | 5.07       | 0.30    | ppb   |
| Titanium   | 47-1  | 108.25   | 106.45   | 106.40   | 107.03     | 0.99    | ppb   |
| Uranium    | 238-1 | 0.22     | 0.24     | 0.23     | 0.23       | 5.62    | ppb   |
| Vanadium   | 51-2  | 118.27   | 115.31   | 118.09   | 117.22     | 1.42    | ppb   |
| Yttrium    | 89-1  |          |          |          | 105        |         | %     |
| Yttrium    | 89-2  |          |          |          | 100        |         | %     |
| Zinc       | 66-2  | 202.94   | 192.00   | 193.02   | 195.99     | 3.08    | ppb   |
| Zirconium  | 90-1  | 0.61     | 0.63     | 0.66     | 0.63       | 3.49    | ppb   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB94089             | Operator :        | Jaswal    |
| Lab Sample ID :         | J1987-13            | Instrumnet Name : | P8        |
| Client Sample ID :      | MJHR80              | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2018-03-22 14:10:50 | DataFile Name :   | 038SMPL.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|-----------|------|---------|---------|---------|------------|---------|-------|
| Zirconium | 91-1 | 0.65    | 0.74    | 0.66    | 0.68       | 6.86    | ppb   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB94089             | Operator :        | Jaswal    |
| Lab Sample ID :         | J1987-14            | Instrumnet Name : | P8        |
| Client Sample ID :      | MJHR81              | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2018-03-22 14:14:09 | DataFile Name :   | 039SMPL.d |

| Parameter  | Mass  | ConRep1  | ConRep2  | ConRep3  | Avg. Conc. | ConcRSD | Units |
|------------|-------|----------|----------|----------|------------|---------|-------|
| Aluminium  | 27-2  | 29712.16 | 28250.99 | 28826.48 | 28929.88   | 2.54    | ppb   |
| Antimony   | 121-1 | 4.56     | 4.53     | 4.58     | 4.56       | 0.49    | ppb   |
| Arsenic    | 75-2  | 72.09    | 68.68    | 69.09    | 69.95      | 2.66    | ppb   |
| Barium     | 135-1 | 264.76   | 268.77   | 266.26   | 266.60     | 0.76    | ppb   |
| Barium     | 137-1 | 270.00   | 270.30   | 269.09   | 269.80     | 0.23    | ppb   |
| Beryllium  | 9-1   | 0.95     | 0.92     | 0.91     | 0.93       | 2.17    | ppb   |
| Bismuth    | 209-1 |          |          |          | 112        |         | %     |
| Bismuth    | 209-2 |          |          |          | 104        |         | %     |
| Boron      | 10-1  | 3.62     | 2.45     | 1.73     | 2.60       | 36.81   | ppb   |
| Boron      | 11-1  | 2.78     | 2.82     | 2.46     | 2.69       | 7.34    | ppb   |
| Cadmium    | 111-1 | 0.13     | 0.09     | 0.13     | 0.12       | 17.32   | ppb   |
| Cadmium    | 106-1 | -1.26    | -1.82    | -1.53    | -1.54      |         | ppb   |
| Cadmium    | 108-1 | 0.38     | 0.24     | 0.42     | 0.35       | 26.42   | ppb   |
| Calcium    | 43-1  | 8232.44  | 8574.69  | 8493.05  | 8433.39    | 2.12    | ppb   |
| Calcium    | 44-1  | 8622.29  | 8732.90  | 8517.47  | 8624.22    | 1.25    | ppb   |
| Chromium   | 52-2  | 65.54    | 62.97    | 61.43    | 63.31      | 3.28    | ppb   |
| Cobalt     | 59-2  | 38.21    | 37.19    | 36.72    | 37.38      | 2.05    | ppb   |
| Copper     | 63-2  | 103.64   | 99.54    | 100.79   | 101.33     | 2.07    | 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 |          |          |          | 109        |         | %     |
| Holmium    | 165-2 |          |          |          | 102        |         | %     |
| Indium     | 115-1 |          |          |          | 103        |         | %     |
| Indium     | 115-2 |          |          |          | 96         |         | %     |
| Iron       | 56-2  | 56198.91 | 54469.97 | 54612.65 | 55093.84   | 1.74    | ppb   |
| Iron       | 57-2  | 55474.74 | 53218.12 | 53802.79 | 54165.21   | 2.16    | ppb   |
| Lead       | 206-1 | 14.58    | 14.86    | 14.64    | 14.69      | 1.03    | ppb   |
| Lead       | 207-1 | 13.23    | 13.98    | 13.68    | 13.63      | 2.75    | ppb   |
| Lead       | 208-1 | 13.95    | 14.47    | 14.05    | 14.16      | 1.94    | ppb   |
| Lithium    | 6-1   |          |          |          | 102        |         | %     |
| Magnesium  | 24-2  | 7498.06  | 7175.92  | 7346.72  | 7340.23    | 2.20    | ppb   |
| Manganese  | 55-2  | 2099.48  | 2024.41  | 2019.43  | 2047.77    | 2.19    | ppb   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB94089             | Operator :        | Jaswal    |
| Lab Sample ID :         | J1987-14            | Instrumnet Name : | P8        |
| Client Sample ID :      | MJHR81              | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2018-03-22 14:14:09 | DataFile Name :   | 039SMPL.d |

| Parameter  | Mass  | ConRep1  | ConRep2  | ConRep3  | Avg. Conc. | ConcRSD | Units |
|------------|-------|----------|----------|----------|------------|---------|-------|
| Molybdenum | 94-1  | 1.32     | 1.20     | 1.24     | 1.25       | 5.00    | ppb   |
| Molybdenum | 95-1  | 0.38     | 0.39     | 0.34     | 0.37       | 7.80    | ppb   |
| Molybdenum | 96-1  | 0.58     | 0.66     | 0.58     | 0.61       | 7.48    | ppb   |
| Molybdenum | 97-1  | 0.37     | 0.37     | 0.36     | 0.36       | 2.04    | ppb   |
| Molybdenum | 98-1  | 0.30     | 0.34     | 0.39     | 0.35       | 12.47   | ppb   |
| Neodymium  | 150-1 |          |          |          |            |         | cps   |
| Neodymium  | 150-2 |          |          |          |            |         | cps   |
| Nickel     | 60-2  | 32.96    | 30.76    | 32.41    | 32.04      | 3.58    | ppb   |
| Phosphorus | 31-2  | 1577.19  | 1698.55  | 1409.09  | 1561.61    | 9.31    | ppb   |
| Potassium  | 39-2  | 1213.17  | 1150.96  | 1147.58  | 1170.57    | 3.15    | ppb   |
| Rhodium    | 103-1 |          |          |          | 101        |         | %     |
| Rhodium    | 103-2 |          |          |          | 101        |         | %     |
| Scandium   | 45-1  |          |          |          | 98         |         | %     |
| Scandium   | 45-2  |          |          |          | 92         |         | %     |
| Selenium   | 77-2  | 25.89    | 32.00    | 66.69    | 41.53      | 52.99   | ppb   |
| Selenium   | 78-2  | 7.30     | 7.07     | 2.86     | 5.74       | 43.52   | ppb   |
| Selenium   | 82-1  | 0.75     | 0.31     | 0.13     | 0.40       | 81.12   | ppb   |
| Silicon    | 28-1  | 1583.68  | 1595.88  | 1573.75  | 1584.44    | 0.70    | ppb   |
| Silver     | 109-1 | 0.11     | 0.13     | 0.13     | 0.12       | 8.60    | ppb   |
| Silver     | 107-1 | 0.11     | 0.13     | 0.13     | 0.12       | 11.72   | ppb   |
| Sodium     | 23-2  | 229.00   | 198.87   | 191.40   | 206.42     | 9.64    | ppb   |
| Strontium  | 86-1  | 104.34   | 106.20   | 104.25   | 104.93     | 1.05    | ppb   |
| Strontium  | 88-1  | 109.04   | 108.13   | 108.61   | 108.59     | 0.42    | ppb   |
| Sulfur     | 34-1  | -5520.69 | -5135.60 | -5547.90 | -5401.40   |         | ppb   |
| Terbium    | 159-1 |          |          |          | 108        |         | %     |
| Terbium    | 159-2 |          |          |          | 103        |         | %     |
| Thallium   | 203-1 | 0.12     | 0.14     | 0.17     | 0.14       | 16.71   | ppb   |
| Thallium   | 205-1 | 0.15     | 0.12     | 0.15     | 0.14       | 8.81    | ppb   |
| Tin        | 118-1 | 1.20     | 1.20     | 1.15     | 1.18       | 2.20    | ppb   |
| Titanium   | 47-1  | 104.14   | 105.51   | 103.21   | 104.29     | 1.11    | ppb   |
| Uranium    | 238-1 | 0.25     | 0.25     | 0.25     | 0.25       | 2.07    | ppb   |
| Vanadium   | 51-2  | 123.77   | 119.12   | 119.20   | 120.70     | 2.21    | ppb   |
| Yttrium    | 89-1  |          |          |          | 104        |         | %     |
| Yttrium    | 89-2  |          |          |          | 99         |         | %     |
| Zinc       | 66-2  | 145.25   | 138.57   | 140.39   | 141.40     | 2.44    | ppb   |
| Zirconium  | 90-1  | 0.62     | 0.65     | 0.64     | 0.64       | 2.33    | ppb   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB94089             | Operator :        | Jaswal    |
| Lab Sample ID :         | J1987-14            | Instrumnet Name : | P8        |
| Client Sample ID :      | MJHR81              | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2018-03-22 14:14:09 | DataFile Name :   | 039SMPL.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|-----------|------|---------|---------|---------|------------|---------|-------|
| Zirconium | 91-1 | 0.71    | 0.65    | 0.62    | 0.66       | 6.80    | ppb   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB94089             | Operator :        | Jaswal    |
| Lab Sample ID :         | J1987-15            | Instrumnet Name : | P8        |
| Client Sample ID :      | MJHR82              | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2018-03-22 14:17:30 | DataFile Name :   | 040SMPL.d |

| Parameter  | Mass  | ConRep1  | ConRep2  | ConRep3  | Avg. Conc. | ConcRSD | Units |
|------------|-------|----------|----------|----------|------------|---------|-------|
| Aluminium  | 27-2  | 31615.96 | 31307.75 | 32678.93 | 31867.55   | 2.26    | ppb   |
| Antimony   | 121-1 | 7.44     | 7.63     | 7.27     | 7.45       | 2.44    | ppb   |
| Arsenic    | 75-2  | 93.27    | 92.86    | 89.10    | 91.75      | 2.51    | ppb   |
| Barium     | 135-1 | 245.32   | 252.02   | 247.01   | 248.12     | 1.41    | ppb   |
| Barium     | 137-1 | 245.70   | 250.99   | 250.32   | 249.00     | 1.16    | ppb   |
| Beryllium  | 9-1   | 0.82     | 1.00     | 1.04     | 0.95       | 12.10   | ppb   |
| Bismuth    | 209-1 |          |          |          | 112        |         | %     |
| Bismuth    | 209-2 |          |          |          | 106        |         | %     |
| Boron      | 10-1  | 3.25     | 2.86     | 4.60     | 3.57       | 25.65   | ppb   |
| Boron      | 11-1  | 3.73     | 3.06     | 3.61     | 3.47       | 10.24   | ppb   |
| Cadmium    | 111-1 | 0.36     | 0.20     | 0.39     | 0.31       | 32.60   | ppb   |
| Cadmium    | 106-1 | -1.27    | -1.61    | -0.46    | -1.12      |         | ppb   |
| Cadmium    | 108-1 | 0.50     | 0.56     | 0.42     | 0.49       | 14.31   | ppb   |
| Calcium    | 43-1  | 9731.76  | 9955.31  | 9578.39  | 9755.15    | 1.94    | ppb   |
| Calcium    | 44-1  | 10002.63 | 10225.80 | 9973.97  | 10067.47   | 1.37    | ppb   |
| Chromium   | 52-2  | 64.43    | 63.54    | 65.89    | 64.62      | 1.84    | ppb   |
| Cobalt     | 59-2  | 48.97    | 47.97    | 49.18    | 48.71      | 1.32    | ppb   |
| Copper     | 63-2  | 137.74   | 136.29   | 137.84   | 137.29     | 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 |          |          |          | 109        |         | %     |
| Holmium    | 165-2 |          |          |          | 103        |         | %     |
| Indium     | 115-1 |          |          |          | 103        |         | %     |
| Indium     | 115-2 |          |          |          | 96         |         | %     |
| Iron       | 56-2  | 55910.16 | 54139.80 | 55317.22 | 55122.40   | 1.63    | ppb   |
| Iron       | 57-2  | 54733.70 | 53510.54 | 54331.90 | 54192.05   | 1.15    | ppb   |
| Lead       | 206-1 | 32.09    | 33.15    | 31.34    | 32.19      | 2.81    | ppb   |
| Lead       | 207-1 | 29.27    | 29.51    | 28.70    | 29.16      | 1.41    | ppb   |
| Lead       | 208-1 | 30.57    | 31.11    | 30.08    | 30.59      | 1.69    | ppb   |
| Lithium    | 6-1   |          |          |          | 102        |         | %     |
| Magnesium  | 24-2  | 7499.71  | 7390.91  | 7529.63  | 7473.42    | 0.98    | ppb   |
| Manganese  | 55-2  | 2898.67  | 2838.57  | 2892.18  | 2876.47    | 1.15    | ppb   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB94089             | Operator :        | Jaswal    |
| Lab Sample ID :         | J1987-15            | Instrumnet Name : | P8        |
| Client Sample ID :      | MJHR82              | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2018-03-22 14:17:30 | DataFile Name :   | 040SMPL.d |

| Parameter  | Mass  | ConRep1  | ConRep2  | ConRep3  | Avg. Conc. | ConcRSD | Units |
|------------|-------|----------|----------|----------|------------|---------|-------|
| Molybdenum | 94-1  | 1.27     | 1.29     | 1.19     | 1.25       | 4.21    | ppb   |
| Molybdenum | 95-1  | 0.39     | 0.43     | 0.40     | 0.41       | 5.43    | ppb   |
| Molybdenum | 96-1  | 0.62     | 0.54     | 0.66     | 0.61       | 9.93    | ppb   |
| Molybdenum | 97-1  | 0.46     | 0.50     | 0.40     | 0.45       | 11.37   | ppb   |
| Molybdenum | 98-1  | 0.43     | 0.43     | 0.46     | 0.44       | 4.73    | ppb   |
| Neodymium  | 150-1 |          |          |          |            |         | cps   |
| Neodymium  | 150-2 |          |          |          |            |         | cps   |
| Nickel     | 60-2  | 45.77    | 42.36    | 44.28    | 44.14      | 3.88    | ppb   |
| Phosphorus | 31-2  | 1744.02  | 1268.44  | 1511.56  | 1508.01    | 15.77   | ppb   |
| Potassium  | 39-2  | 833.06   | 763.56   | 852.66   | 816.43     | 5.73    | ppb   |
| Rhodium    | 103-1 |          |          |          | 102        |         | %     |
| Rhodium    | 103-2 |          |          |          | 101        |         | %     |
| Scandium   | 45-1  |          |          |          | 98         |         | %     |
| Scandium   | 45-2  |          |          |          | 92         |         | %     |
| Selenium   | 77-2  | 89.15    | 52.39    | 107.08   | 82.87      | 33.64   | ppb   |
| Selenium   | 78-2  | 11.64    | 5.98     | 2.82     | 6.81       | 65.55   | ppb   |
| Selenium   | 82-1  | 1.20     | 0.08     | 0.10     | 0.46       | 140.13  | ppb   |
| Silicon    | 28-1  | 1370.67  | 1406.87  | 1347.22  | 1374.92    | 2.19    | ppb   |
| Silver     | 109-1 | 0.13     | 0.11     | 0.13     | 0.12       | 10.30   | ppb   |
| Silver     | 107-1 | 0.11     | 0.13     | 0.14     | 0.13       | 11.36   | ppb   |
| Sodium     | 23-2  | 235.24   | 226.37   | 236.62   | 232.74     | 2.39    | ppb   |
| Strontium  | 86-1  | 138.78   | 140.21   | 136.72   | 138.57     | 1.27    | ppb   |
| Strontium  | 88-1  | 143.07   | 145.28   | 143.83   | 144.06     | 0.78    | ppb   |
| Sulfur     | 34-1  | -5363.56 | -5018.92 | -5583.45 | -5321.98   |         | ppb   |
| Terbium    | 159-1 |          |          |          | 109        |         | %     |
| Terbium    | 159-2 |          |          |          | 103        |         | %     |
| Thallium   | 203-1 | 0.24     | 0.25     | 0.28     | 0.25       | 8.47    | ppb   |
| Thallium   | 205-1 | 0.26     | 0.28     | 0.27     | 0.27       | 5.21    | ppb   |
| Tin        | 118-1 | 3.21     | 3.34     | 2.99     | 3.18       | 5.51    | ppb   |
| Titanium   | 47-1  | 109.30   | 110.97   | 107.66   | 109.31     | 1.51    | ppb   |
| Uranium    | 238-1 | 0.25     | 0.29     | 0.26     | 0.26       | 8.01    | ppb   |
| Vanadium   | 51-2  | 132.77   | 128.98   | 136.37   | 132.71     | 2.78    | ppb   |
| Yttrium    | 89-1  |          |          |          | 106        |         | %     |
| Yttrium    | 89-2  |          |          |          | 99         |         | %     |
| Zinc       | 66-2  | 197.74   | 197.16   | 200.86   | 198.59     | 1.00    | ppb   |
| Zirconium  | 90-1  | 0.59     | 0.61     | 0.60     | 0.60       | 1.47    | ppb   |



|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB94089             | Operator :        | Jaswal    |
| Lab Sample ID :         | J1987-15            | Instrumnet Name : | P8        |
| Client Sample ID :      | MJHR82              | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2018-03-22 14:17:30 | DataFile Name :   | 040SMPL.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|-----------|------|---------|---------|---------|------------|---------|-------|
| Zirconium | 91-1 | 0.70    | 0.68    | 0.60    | 0.66       | 7.83    | ppb   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB94089             | Operator :        | Jaswal    |
| Lab Sample ID :         | J1987-16            | Instrumnet Name : | P8        |
| Client Sample ID :      | MJHR83              | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2018-03-22 14:20:48 | DataFile Name :   | 041SMPL.d |

| Parameter  | Mass  | ConRep1  | ConRep2  | ConRep3  | Avg. Conc. | ConcRSD | Units |
|------------|-------|----------|----------|----------|------------|---------|-------|
| Aluminium  | 27-2  | 31872.91 | 31482.56 | 30849.49 | 31401.65   | 1.64    | ppb   |
| Antimony   | 121-1 | 6.63     | 6.93     | 6.90     | 6.82       | 2.45    | ppb   |
| Arsenic    | 75-2  | 96.94    | 96.99    | 97.20    | 97.04      | 0.14    | ppb   |
| Barium     | 135-1 | 226.34   | 228.08   | 230.99   | 228.47     | 1.03    | ppb   |
| Barium     | 137-1 | 227.11   | 231.98   | 233.73   | 230.94     | 1.49    | ppb   |
| Beryllium  | 9-1   | 1.02     | 0.99     | 1.13     | 1.04       | 6.97    | ppb   |
| Bismuth    | 209-1 |          |          |          | 112        |         | %     |
| Bismuth    | 209-2 |          |          |          | 105        |         | %     |
| Boron      | 10-1  | 2.26     | 3.69     | 3.77     | 3.24       | 26.10   | ppb   |
| Boron      | 11-1  | 3.50     | 3.21     | 3.73     | 3.48       | 7.48    | ppb   |
| Cadmium    | 111-1 | 0.19     | 0.17     | 0.29     | 0.22       | 28.03   | ppb   |
| Cadmium    | 106-1 | -1.90    | -1.04    | -1.38    | -1.44      |         | ppb   |
| Cadmium    | 108-1 | 0.32     | 0.59     | 0.29     | 0.40       | 41.80   | ppb   |
| Calcium    | 43-1  | 8183.94  | 8376.92  | 8292.27  | 8284.38    | 1.17    | ppb   |
| Calcium    | 44-1  | 8499.49  | 8510.50  | 8460.56  | 8490.18    | 0.31    | ppb   |
| Chromium   | 52-2  | 63.21    | 60.60    | 60.17    | 61.33      | 2.69    | ppb   |
| Cobalt     | 59-2  | 52.55    | 51.21    | 50.37    | 51.38      | 2.14    | ppb   |
| Copper     | 63-2  | 139.46   | 135.92   | 133.74   | 136.37     | 2.11    | 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 |          |          |          | 110        |         | %     |
| Holmium    | 165-2 |          |          |          | 103        |         | %     |
| Indium     | 115-1 |          |          |          | 103        |         | %     |
| Indium     | 115-2 |          |          |          | 96         |         | %     |
| Iron       | 56-2  | 60829.84 | 60210.76 | 59217.38 | 60085.99   | 1.35    | ppb   |
| Iron       | 57-2  | 59963.58 | 59168.83 | 58654.64 | 59262.35   | 1.11    | ppb   |
| Lead       | 206-1 | 30.14    | 30.95    | 31.14    | 30.74      | 1.73    | ppb   |
| Lead       | 207-1 | 27.50    | 27.21    | 27.89    | 27.54      | 1.23    | ppb   |
| Lead       | 208-1 | 28.79    | 29.24    | 29.59    | 29.21      | 1.37    | ppb   |
| Lithium    | 6-1   |          |          |          | 103        |         | %     |
| Magnesium  | 24-2  | 6124.87  | 5991.08  | 5845.02  | 5986.99    | 2.34    | ppb   |
| Manganese  | 55-2  | 2926.83  | 2878.58  | 2831.82  | 2879.08    | 1.65    | ppb   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB94089             | Operator :        | Jaswal    |
| Lab Sample ID :         | J1987-16            | Instrumnet Name : | P8        |
| Client Sample ID :      | MJHR83              | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2018-03-22 14:20:48 | DataFile Name :   | 041SMPL.d |

| Parameter  | Mass  | ConRep1  | ConRep2  | ConRep3  | Avg. Conc. | ConcRSD | Units |
|------------|-------|----------|----------|----------|------------|---------|-------|
| Molybdenum | 94-1  | 1.33     | 1.32     | 1.34     | 1.33       | 0.85    | ppb   |
| Molybdenum | 95-1  | 0.35     | 0.39     | 0.39     | 0.38       | 6.59    | ppb   |
| Molybdenum | 96-1  | 0.66     | 0.66     | 0.67     | 0.66       | 1.04    | ppb   |
| Molybdenum | 97-1  | 0.39     | 0.34     | 0.40     | 0.38       | 8.94    | ppb   |
| Molybdenum | 98-1  | 0.43     | 0.40     | 0.43     | 0.42       | 3.19    | ppb   |
| Neodymium  | 150-1 |          |          |          |            |         | cps   |
| Neodymium  | 150-2 |          |          |          |            |         | cps   |
| Nickel     | 60-2  | 44.22    | 45.13    | 42.63    | 43.99      | 2.88    | ppb   |
| Phosphorus | 31-2  | 1581.72  | 1773.99  | 1457.27  | 1604.32    | 9.95    | ppb   |
| Potassium  | 39-2  | 720.92   | 724.53   | 714.19   | 719.88     | 0.73    | ppb   |
| Rhodium    | 103-1 |          |          |          | 102        |         | %     |
| Rhodium    | 103-2 |          |          |          | 101        |         | %     |
| Scandium   | 45-1  |          |          |          | 99         |         | %     |
| Scandium   | 45-2  |          |          |          | 91         |         | %     |
| Selenium   | 77-2  | -2.29    | 38.90    | 52.91    | 29.84      | 96.15   | ppb   |
| Selenium   | 78-2  | 7.22     | 10.26    | 9.26     | 8.91       | 17.41   | ppb   |
| Selenium   | 82-1  | 0.14     | 0.05     | -0.52    | -0.11      |         | ppb   |
| Silicon    | 28-1  | 1499.49  | 1515.48  | 1523.61  | 1512.86    | 0.81    | ppb   |
| Silver     | 109-1 | 0.10     | 0.13     | 0.10     | 0.11       | 17.01   | ppb   |
| Silver     | 107-1 | 0.12     | 0.10     | 0.11     | 0.11       | 10.70   | ppb   |
| Sodium     | 23-2  | 222.27   | 225.86   | 237.57   | 228.57     | 3.50    | ppb   |
| Strontium  | 86-1  | 120.61   | 123.54   | 124.03   | 122.73     | 1.51    | ppb   |
| Strontium  | 88-1  | 125.53   | 125.66   | 128.93   | 126.70     | 1.52    | ppb   |
| Sulfur     | 34-1  | -5706.14 | -5687.88 | -5627.11 | -5673.71   |         | ppb   |
| Terbium    | 159-1 |          |          |          | 109        |         | %     |
| Terbium    | 159-2 |          |          |          | 102        |         | %     |
| Thallium   | 203-1 | 0.26     | 0.28     | 0.25     | 0.26       | 6.51    | ppb   |
| Thallium   | 205-1 | 0.27     | 0.27     | 0.26     | 0.27       | 3.20    | ppb   |
| Tin        | 118-1 | 3.39     | 3.43     | 3.51     | 3.44       | 1.77    | ppb   |
| Titanium   | 47-1  | 114.31   | 110.66   | 111.34   | 112.10     | 1.73    | ppb   |
| Uranium    | 238-1 | 0.28     | 0.28     | 0.28     | 0.28       | 0.92    | ppb   |
| Vanadium   | 51-2  | 154.71   | 153.22   | 150.09   | 152.68     | 1.54    | ppb   |
| Yttrium    | 89-1  |          |          |          | 106        |         | %     |
| Yttrium    | 89-2  |          |          |          | 99         |         | %     |
| Zinc       | 66-2  | 191.37   | 186.77   | 181.18   | 186.44     | 2.74    | ppb   |
| Zirconium  | 90-1  | 0.67     | 0.69     | 0.69     | 0.68       | 1.93    | ppb   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB94089             | Operator :        | Jaswal    |
| Lab Sample ID :         | J1987-16            | Instrumnet Name : | P8        |
| Client Sample ID :      | MJHR83              | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2018-03-22 14:20:48 | DataFile Name :   | 041SMPL.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|-----------|------|---------|---------|---------|------------|---------|-------|
| Zirconium | 91-1 | 0.69    | 0.62    | 0.69    | 0.67       | 6.57    | ppb   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB94089             | Operator :        | Jaswal    |
| Lab Sample ID :         | J1987-17            | Instrumnet Name : | P8        |
| Client Sample ID :      | MJHR84              | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2018-03-22 14:24:09 | DataFile Name :   | 042SMPL.d |

| Parameter  | Mass  | ConRep1  | ConRep2  | ConRep3  | Avg. Conc. | ConcRSD | Units |
|------------|-------|----------|----------|----------|------------|---------|-------|
| Aluminium  | 27-2  | 51732.78 | 50921.87 | 50139.57 | 50931.41   | 1.56    | ppb   |
| Antimony   | 121-1 | 22.17    | 21.99    | 21.99    | 22.05      | 0.47    | ppb   |
| Arsenic    | 75-2  | 236.30   | 220.96   | 221.54   | 226.27     | 3.84    | ppb   |
| Barium     | 135-1 | 120.49   | 122.88   | 123.66   | 122.34     | 1.35    | ppb   |
| Barium     | 137-1 | 123.05   | 123.92   | 124.87   | 123.95     | 0.73    | ppb   |
| Beryllium  | 9-1   | 1.06     | 0.83     | 1.05     | 0.98       | 13.01   | ppb   |
| Bismuth    | 209-1 |          |          |          | 113        |         | %     |
| Bismuth    | 209-2 |          |          |          | 107        |         | %     |
| Boron      | 10-1  | 5.47     | 4.84     | 7.20     | 5.83       | 21.01   | ppb   |
| Boron      | 11-1  | 5.84     | 5.83     | 6.51     | 6.06       | 6.41    | ppb   |
| Cadmium    | 111-1 | 0.58     | 0.48     | 0.42     | 0.49       | 16.76   | ppb   |
| Cadmium    | 106-1 | 0.77     | -1.29    | -1.61    | -0.71      |         | ppb   |
| Cadmium    | 108-1 | 1.06     | 0.84     | 0.89     | 0.93       | 12.01   | ppb   |
| Calcium    | 43-1  | 5014.93  | 5243.06  | 5240.21  | 5166.07    | 2.53    | ppb   |
| Calcium    | 44-1  | 5160.15  | 5371.65  | 5298.66  | 5276.82    | 2.04    | ppb   |
| Chromium   | 52-2  | 104.32   | 105.62   | 103.91   | 104.62     | 0.86    | ppb   |
| Cobalt     | 59-2  | 64.56    | 63.83    | 63.57    | 63.99      | 0.80    | ppb   |
| Copper     | 63-2  | 170.58   | 170.59   | 167.19   | 169.45     | 1.16    | ppb   |
| Dysprosium | 156-1 |          |          |          |            |         | cps   |
| Dysprosium | 156-2 |          |          |          |            |         | cps   |
| Erbium     | 164-1 |          |          |          |            |         | cps   |
| Erbium     | 164-2 |          |          |          |            |         | cps   |
| Gadolinium | 160-1 |          |          |          |            |         | cps   |
| Gadolinium | 160-2 |          |          |          |            |         | cps   |
| Holmium    | 165-1 |          |          |          | 111        |         | %     |
| Holmium    | 165-2 |          |          |          | 103        |         | %     |
| Indium     | 115-1 |          |          |          | 104        |         | %     |
| Indium     | 115-2 |          |          |          | 95         |         | %     |
| Iron       | 56-2  | 63382.35 | 62486.70 | 61340.50 | 62403.18   | 1.64    | ppb   |
| Iron       | 57-2  | 62773.87 | 61889.66 | 60927.71 | 61863.74   | 1.49    | ppb   |
| Lead       | 206-1 | 74.33    | 77.15    | 77.61    | 76.37      | 2.32    | ppb   |
| Lead       | 207-1 | 69.50    | 70.36    | 71.07    | 70.31      | 1.11    | ppb   |
| Lead       | 208-1 | 72.66    | 74.56    | 74.65    | 73.96      | 1.52    | ppb   |
| Lithium    | 6-1   |          |          |          | 104        |         | %     |
| Magnesium  | 24-2  | 2149.25  | 2122.17  | 2150.60  | 2140.67    | 0.75    | ppb   |
| Manganese  | 55-2  | 3462.06  | 3428.22  | 3361.97  | 3417.42    | 1.49    | ppb   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB94089             | Operator :        | Jaswal    |
| Lab Sample ID :         | J1987-17            | Instrumnet Name : | P8        |
| Client Sample ID :      | MJHR84              | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2018-03-22 14:24:09 | DataFile Name :   | 042SMPL.d |

| Parameter  | Mass  | ConRep1  | ConRep2  | ConRep3  | Avg. Conc. | ConcRSD | Units |
|------------|-------|----------|----------|----------|------------|---------|-------|
| Molybdenum | 94-1  | 1.81     | 1.78     | 1.78     | 1.79       | 0.92    | ppb   |
| Molybdenum | 95-1  | 0.44     | 0.47     | 0.45     | 0.45       | 3.45    | ppb   |
| Molybdenum | 96-1  | 0.74     | 0.74     | 0.65     | 0.71       | 7.46    | ppb   |
| Molybdenum | 97-1  | 0.42     | 0.44     | 0.39     | 0.42       | 6.53    | ppb   |
| Molybdenum | 98-1  | 0.42     | 0.48     | 0.48     | 0.46       | 6.73    | ppb   |
| Neodymium  | 150-1 |          |          |          |            |         | cps   |
| Neodymium  | 150-2 |          |          |          |            |         | cps   |
| Nickel     | 60-2  | 59.62    | 59.63    | 58.60    | 59.29      | 0.99    | ppb   |
| Phosphorus | 31-2  | 1400.67  | 1294.75  | 1469.73  | 1388.38    | 6.35    | ppb   |
| Potassium  | 39-2  | 493.55   | 530.14   | 497.77   | 507.16     | 3.95    | ppb   |
| Rhodium    | 103-1 |          |          |          | 102        |         | %     |
| Rhodium    | 103-2 |          |          |          | 100        |         | %     |
| Scandium   | 45-1  |          |          |          | 100        |         | %     |
| Scandium   | 45-2  |          |          |          | 91         |         | %     |
| Selenium   | 77-2  | 33.03    | 38.69    | 46.54    | 39.42      | 17.22   | ppb   |
| Selenium   | 78-2  | 5.14     | -0.35    | 5.06     | 3.28       | 95.87   | ppb   |
| Selenium   | 82-1  | 0.40     | 0.62     | -0.17    | 0.28       | 142.83  | ppb   |
| Silicon    | 28-1  | 2020.10  | 2073.10  | 2011.99  | 2035.06    | 1.63    | ppb   |
| Silver     | 109-1 | 0.21     | 0.21     | 0.21     | 0.21       | 2.15    | ppb   |
| Silver     | 107-1 | 0.24     | 0.25     | 0.23     | 0.24       | 4.04    | ppb   |
| Sodium     | 23-2  | 236.14   | 237.66   | 239.14   | 237.65     | 0.63    | ppb   |
| Strontium  | 86-1  | 84.32    | 87.15    | 87.80    | 86.42      | 2.14    | ppb   |
| Strontium  | 88-1  | 84.93    | 87.48    | 87.50    | 86.64      | 1.70    | ppb   |
| Sulfur     | 34-1  | -6140.68 | -5809.95 | -6080.30 | -6010.31   |         | ppb   |
| Terbium    | 159-1 |          |          |          | 110        |         | %     |
| Terbium    | 159-2 |          |          |          | 103        |         | %     |
| Thallium   | 203-1 | 0.53     | 0.51     | 0.50     | 0.51       | 2.73    | ppb   |
| Thallium   | 205-1 | 0.52     | 0.53     | 0.54     | 0.53       | 2.76    | ppb   |
| Tin        | 118-1 | 49.79    | 50.55    | 50.11    | 50.15      | 0.77    | ppb   |
| Titanium   | 47-1  | 71.60    | 72.77    | 72.22    | 72.20      | 0.81    | ppb   |
| Uranium    | 238-1 | 0.20     | 0.22     | 0.23     | 0.22       | 7.67    | ppb   |
| Vanadium   | 51-2  | 134.25   | 131.48   | 131.14   | 132.29     | 1.29    | ppb   |
| Yttrium    | 89-1  |          |          |          | 105        |         | %     |
| Yttrium    | 89-2  |          |          |          | 99         |         | %     |
| Zinc       | 66-2  | 227.89   | 221.54   | 219.93   | 223.12     | 1.89    | ppb   |
| Zirconium  | 90-1  | 0.99     | 0.97     | 0.99     | 0.98       | 1.21    | ppb   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB94089             | Operator :        | Jaswal    |
| Lab Sample ID :         | J1987-17            | Instrumnet Name : | P8        |
| Client Sample ID :      | MJHR84              | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2018-03-22 14:24:09 | DataFile Name :   | 042SMPL.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|-----------|------|---------|---------|---------|------------|---------|-------|
| Zirconium | 91-1 | 1.04    | 1.02    | 1.00    | 1.02       | 1.84    | ppb   |

LB Number : LB94089 Operator : Jaswal  
 Lab Sample ID : J1987-18 Instrumnet Name : P8  
 Client Sample ID : MJHR85 Dilution Factor : 1  
 Date & Time Acquired :: 2018-03-22 14:27:28 DataFile Name : 043SMPL.d

| Parameter  | Mass  | ConRep1  | ConRep2  | ConRep3  | Avg. Conc. | ConcRSD | Units |
|------------|-------|----------|----------|----------|------------|---------|-------|
| Aluminium  | 27-2  | 28689.99 | 28136.57 | 27670.39 | 28165.65   | 1.81    | ppb   |
| Antimony   | 121-1 | 3.25     | 3.47     | 3.37     | 3.37       | 3.32    | ppb   |
| Arsenic    | 75-2  | 88.66    | 88.51    | 86.22    | 87.79      | 1.56    | ppb   |
| Barium     | 135-1 | 263.94   | 269.85   | 267.19   | 267.00     | 1.11    | ppb   |
| Barium     | 137-1 | 263.67   | 269.89   | 269.83   | 267.79     | 1.33    | ppb   |
| Beryllium  | 9-1   | 1.19     | 1.08     | 1.18     | 1.15       | 5.55    | ppb   |
| Bismuth    | 209-1 |          |          |          | 114        |         | %     |
| Bismuth    | 209-2 |          |          |          | 109        |         | %     |
| Boron      | 10-1  | 2.37     | 2.24     | 2.61     | 2.41       | 7.65    | ppb   |
| Boron      | 11-1  | 2.50     | 2.65     | 2.68     | 2.61       | 3.52    | ppb   |
| Cadmium    | 111-1 | 0.36     | 0.27     | 0.37     | 0.33       | 17.23   | ppb   |
| Cadmium    | 106-1 | -0.61    | -1.91    | -1.48    | -1.33      |         | ppb   |
| Cadmium    | 108-1 | 0.66     | 0.90     | 0.83     | 0.80       | 15.38   | ppb   |
| Calcium    | 43-1  | 7308.12  | 7369.20  | 7379.18  | 7352.17    | 0.52    | ppb   |
| Calcium    | 44-1  | 7367.32  | 7615.50  | 7694.95  | 7559.26    | 2.26    | ppb   |
| Chromium   | 52-2  | 49.55    | 47.14    | 47.31    | 48.00      | 2.79    | ppb   |
| Cobalt     | 59-2  | 100.54   | 97.75    | 99.13    | 99.14      | 1.41    | ppb   |
| Copper     | 63-2  | 186.90   | 184.31   | 185.70   | 185.64     | 0.70    | ppb   |
| Dysprosium | 156-1 |          |          |          |            |         | cps   |
| Dysprosium | 156-2 |          |          |          |            |         | cps   |
| Erbium     | 164-1 |          |          |          |            |         | cps   |
| Erbium     | 164-2 |          |          |          |            |         | cps   |
| Gadolinium | 160-1 |          |          |          |            |         | cps   |
| Gadolinium | 160-2 |          |          |          |            |         | cps   |
| Holmium    | 165-1 |          |          |          | 112        |         | %     |
| Holmium    | 165-2 |          |          |          | 105        |         | %     |
| Indium     | 115-1 |          |          |          | 104        |         | %     |
| Indium     | 115-2 |          |          |          | 97         |         | %     |
| Iron       | 56-2  | 71786.62 | 70169.13 | 70876.31 | 70944.02   | 1.14    | ppb   |
| Iron       | 57-2  | 70669.52 | 69184.49 | 70449.30 | 70101.10   | 1.14    | ppb   |
| Lead       | 206-1 | 14.68    | 15.21    | 14.88    | 14.93      | 1.79    | ppb   |
| Lead       | 207-1 | 13.56    | 13.93    | 13.80    | 13.77      | 1.36    | ppb   |
| Lead       | 208-1 | 14.25    | 14.70    | 14.55    | 14.50      | 1.60    | ppb   |
| Lithium    | 6-1   |          |          |          | 103        |         | %     |
| Magnesium  | 24-2  | 5773.92  | 5636.64  | 5653.94  | 5688.17    | 1.31    | ppb   |
| Manganese  | 55-2  | 6988.01  | 6828.98  | 6874.15  | 6897.05    | 1.19    | ppb   |



|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB94089             | Operator :        | Jaswal    |
| Lab Sample ID :         | J1987-18            | Instrumnet Name : | P8        |
| Client Sample ID :      | MJHR85              | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2018-03-22 14:27:28 | DataFile Name :   | 043SMPL.d |

| Parameter  | Mass  | ConRep1  | ConRep2  | ConRep3  | Avg. Conc. | ConcRSD | Units |
|------------|-------|----------|----------|----------|------------|---------|-------|
| Molybdenum | 94-1  | 1.05     | 1.09     | 1.14     | 1.09       | 3.76    | ppb   |
| Molybdenum | 95-1  | 0.37     | 0.40     | 0.40     | 0.39       | 4.75    | ppb   |
| Molybdenum | 96-1  | 0.67     | 0.65     | 0.63     | 0.65       | 2.94    | ppb   |
| Molybdenum | 97-1  | 0.36     | 0.41     | 0.36     | 0.38       | 7.67    | ppb   |
| Molybdenum | 98-1  | 0.38     | 0.42     | 0.38     | 0.39       | 6.06    | ppb   |
| Neodymium  | 150-1 |          |          |          |            |         | cps   |
| Neodymium  | 150-2 |          |          |          |            |         | cps   |
| Nickel     | 60-2  | 79.89    | 79.19    | 81.44    | 80.17      | 1.44    | ppb   |
| Phosphorus | 31-2  | 1073.49  | 1505.71  | 1410.99  | 1330.06    | 17.08   | ppb   |
| Potassium  | 39-2  | 1602.63  | 1648.60  | 1515.96  | 1589.06    | 4.24    | ppb   |
| Rhodium    | 103-1 |          |          |          | 103        |         | %     |
| Rhodium    | 103-2 |          |          |          | 102        |         | %     |
| Scandium   | 45-1  |          |          |          | 100        |         | %     |
| Scandium   | 45-2  |          |          |          | 92         |         | %     |
| Selenium   | 77-2  | 64.96    | 77.49    | 30.74    | 57.73      | 41.92   | ppb   |
| Selenium   | 78-2  | 13.15    | 5.78     | 6.76     | 8.56       | 46.71   | ppb   |
| Selenium   | 82-1  | 0.01     | 0.34     | 0.18     | 0.18       | 91.09   | ppb   |
| Silicon    | 28-1  | 1430.57  | 1453.64  | 1455.40  | 1446.54    | 0.96    | ppb   |
| Silver     | 109-1 | 0.09     | 0.10     | 0.11     | 0.10       | 9.91    | ppb   |
| Silver     | 107-1 | 0.09     | 0.11     | 0.09     | 0.10       | 13.82   | ppb   |
| Sodium     | 23-2  | 214.06   | 212.45   | 203.31   | 209.94     | 2.76    | ppb   |
| Strontium  | 86-1  | 94.48    | 97.86    | 97.20    | 96.51      | 1.85    | ppb   |
| Strontium  | 88-1  | 97.71    | 100.37   | 102.50   | 100.19     | 2.39    | ppb   |
| Sulfur     | 34-1  | -6554.70 | -6273.53 | -6182.87 | -6337.03   |         | ppb   |
| Terbium    | 159-1 |          |          |          | 111        |         | %     |
| Terbium    | 159-2 |          |          |          | 105        |         | %     |
| Thallium   | 203-1 | 0.17     | 0.18     | 0.16     | 0.17       | 6.66    | ppb   |
| Thallium   | 205-1 | 0.18     | 0.16     | 0.16     | 0.17       | 6.34    | ppb   |
| Tin        | 118-1 | 1.20     | 1.13     | 1.18     | 1.17       | 3.08    | ppb   |
| Titanium   | 47-1  | 75.12    | 75.84    | 73.32    | 74.76      | 1.74    | ppb   |
| Uranium    | 238-1 | 0.32     | 0.33     | 0.32     | 0.32       | 2.46    | ppb   |
| Vanadium   | 51-2  | 161.00   | 157.21   | 155.86   | 158.02     | 1.69    | ppb   |
| Yttrium    | 89-1  |          |          |          | 108        |         | %     |
| Yttrium    | 89-2  |          |          |          | 103        |         | %     |
| Zinc       | 66-2  | 248.21   | 245.86   | 247.21   | 247.09     | 0.48    | ppb   |
| Zirconium  | 90-1  | 0.50     | 0.55     | 0.56     | 0.54       | 5.73    | ppb   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB94089             | Operator :        | Jaswal    |
| Lab Sample ID :         | J1987-18            | Instrumnet Name : | P8        |
| Client Sample ID :      | MJHR85              | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2018-03-22 14:27:28 | DataFile Name :   | 043SMPL.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|-----------|------|---------|---------|---------|------------|---------|-------|
| Zirconium | 91-1 | 0.54    | 0.57    | 0.57    | 0.56       | 2.58    | ppb   |

|                         |                     |                   |          |
|-------------------------|---------------------|-------------------|----------|
| LB Number :             | LB94089             | Operator :        | Jaswal   |
| Lab Sample ID :         | CCV008              | Instrumnet Name : | P8       |
| Client Sample ID :      | CCV008              | Dilution Factor : | 1        |
| Date & Time Acquired :: | 2018-03-22 14:30:47 | DataFile Name :   | 044CCV.d |

| Parameter  | Mass  | ConRep1   | ConRep2   | ConRep3   | Avg. Conc. | ConcRSD | Units |
|------------|-------|-----------|-----------|-----------|------------|---------|-------|
| Aluminium  | 27-2  | 48171.53  | 45687.93  | 46496.38  | 46785.28   | 2.71    | ppb   |
| Antimony   | 121-1 | 473.95    | 479.23    | 469.56    | 474.25     | 1.02    | ppb   |
| Arsenic    | 75-2  | 482.91    | 474.36    | 474.96    | 477.41     | 1.00    | ppb   |
| Barium     | 135-1 | 2400.11   | 2436.63   | 2370.61   | 2402.45    | 1.38    | ppb   |
| Barium     | 137-1 | 2408.09   | 2418.64   | 2401.42   | 2409.39    | 0.36    | ppb   |
| Beryllium  | 9-1   | 482.52    | 485.73    | 472.65    | 480.30     | 1.42    | ppb   |
| Bismuth    | 209-1 |           |           |           | 111        |         | %     |
| Bismuth    | 209-2 |           |           |           | 100        |         | %     |
| Boron      | 10-1  | 455.10    | 477.26    | 475.62    | 469.33     | 2.63    | ppb   |
| Boron      | 11-1  | 464.32    | 477.91    | 473.84    | 472.03     | 1.48    | ppb   |
| Cadmium    | 111-1 | 459.67    | 464.62    | 460.85    | 461.72     | 0.56    | ppb   |
| Cadmium    | 106-1 | 461.23    | 466.10    | 459.08    | 462.14     | 0.78    | ppb   |
| Cadmium    | 108-1 | 461.41    | 469.47    | 463.75    | 464.88     | 0.89    | ppb   |
| Calcium    | 43-1  | 235257.43 | 242012.71 | 235261.07 | 237510.40  | 1.64    | ppb   |
| Calcium    | 44-1  | 232840.67 | 240358.27 | 233441.20 | 235546.71  | 1.77    | ppb   |
| Chromium   | 52-2  | 530.74    | 506.13    | 512.27    | 516.38     | 2.48    | ppb   |
| Cobalt     | 59-2  | 519.58    | 490.05    | 498.98    | 502.87     | 3.01    | ppb   |
| Copper     | 63-2  | 1013.48   | 952.91    | 979.13    | 981.84     | 3.09    | ppb   |
| Dysprosium | 156-1 |           |           |           |            |         | cps   |
| Dysprosium | 156-2 |           |           |           |            |         | cps   |
| Erbium     | 164-1 |           |           |           |            |         | cps   |
| Erbium     | 164-2 |           |           |           |            |         | cps   |
| Gadolinium | 160-1 |           |           |           |            |         | cps   |
| Gadolinium | 160-2 |           |           |           |            |         | cps   |
| Holmium    | 165-1 |           |           |           | 111        |         | %     |
| Holmium    | 165-2 |           |           |           | 102        |         | %     |
| Indium     | 115-1 |           |           |           | 99         |         | %     |
| Indium     | 115-2 |           |           |           | 90         |         | %     |
| Iron       | 56-2  | 128231.15 | 121312.65 | 122326.73 | 123956.84  | 3.01    | ppb   |
| Iron       | 57-2  | 126359.68 | 119795.11 | 122059.90 | 122738.23  | 2.72    | ppb   |
| Lead       | 206-1 | 496.76    | 489.78    | 493.27    | 493.27     | 0.71    | ppb   |
| Lead       | 207-1 | 497.78    | 491.11    | 492.51    | 493.80     | 0.71    | ppb   |
| Lead       | 208-1 | 497.14    | 495.04    | 494.26    | 495.48     | 0.30    | ppb   |
| Lithium    | 6-1   |           |           |           | 95         |         | %     |
| Magnesium  | 24-2  | 248672.08 | 234148.85 | 237314.28 | 240045.07  | 3.18    | ppb   |
| Manganese  | 55-2  | 1026.79   | 964.29    | 979.76    | 990.28     | 3.29    | ppb   |

|                         |                     |                   |          |
|-------------------------|---------------------|-------------------|----------|
| LB Number :             | LB94089             | Operator :        | Jaswal   |
| Lab Sample ID :         | CCV008              | Instrumnet Name : | P8       |
| Client Sample ID :      | CCV008              | Dilution Factor : | 1        |
| Date & Time Acquired :: | 2018-03-22 14:30:47 | DataFile Name :   | 044CCV.d |

| Parameter  | Mass  | ConRep1   | ConRep2   | ConRep3   | Avg. Conc. | ConcRSD | Units |
|------------|-------|-----------|-----------|-----------|------------|---------|-------|
| Molybdenum | 94-1  | 2398.29   | 2495.39   | 2429.11   | 2440.93    | 2.03    | ppb   |
| Molybdenum | 95-1  | 2406.15   | 2501.01   | 2440.83   | 2449.33    | 1.96    | ppb   |
| Molybdenum | 96-1  | 2433.54   | 2475.96   | 2465.85   | 2458.45    | 0.90    | ppb   |
| Molybdenum | 97-1  | 2454.23   | 2533.30   | 2472.87   | 2486.80    | 1.66    | ppb   |
| Molybdenum | 98-1  | 2428.07   | 2496.28   | 2482.42   | 2468.92    | 1.46    | ppb   |
| Neodymium  | 150-1 |           |           |           |            |         | cps   |
| Neodymium  | 150-2 |           |           |           |            |         | cps   |
| Nickel     | 60-2  | 528.89    | 502.13    | 507.08    | 512.70     | 2.78    | ppb   |
| Phosphorus | 31-2  | 10473.40  | 8950.21   | 10197.45  | 9873.68    | 8.22    | ppb   |
| Potassium  | 39-2  | 121693.98 | 115947.75 | 118570.38 | 118737.37  | 2.42    | ppb   |
| Rhodium    | 103-1 |           |           |           | 95         |         | %     |
| Rhodium    | 103-2 |           |           |           | 94         |         | %     |
| Scandium   | 45-1  |           |           |           | 92         |         | %     |
| Scandium   | 45-2  |           |           |           | 84         |         | %     |
| Selenium   | 77-2  | 475.29    | 508.49    | 487.66    | 490.48     | 3.42    | ppb   |
| Selenium   | 78-2  | 468.35    | 460.76    | 467.80    | 465.64     | 0.91    | ppb   |
| Selenium   | 82-1  | 469.10    | 486.57    | 473.53    | 476.40     | 1.91    | ppb   |
| Silicon    | 28-1  | 507.24    | 528.79    | 521.67    | 519.24     | 2.11    | ppb   |
| Silver     | 109-1 | 471.20    | 470.82    | 471.05    | 471.02     | 0.04    | ppb   |
| Silver     | 107-1 | 465.38    | 473.26    | 463.76    | 467.47     | 1.09    | ppb   |
| Sodium     | 23-2  | 249576.21 | 236051.55 | 241569.86 | 242399.21  | 2.81    | ppb   |
| Strontium  | 86-1  | 484.34    | 499.17    | 485.81    | 489.77     | 1.67    | ppb   |
| Strontium  | 88-1  | 492.05    | 500.71    | 499.15    | 497.30     | 0.93    | ppb   |
| Sulfur     | 34-1  | 10457.36  | 11235.03  | 10262.01  | 10651.47   | 4.83    | ppb   |
| Terbium    | 159-1 |           |           |           | 110        |         | %     |
| Terbium    | 159-2 |           |           |           | 101        |         | %     |
| Thallium   | 203-1 | 496.70    | 489.44    | 496.40    | 494.18     | 0.83    | ppb   |
| Thallium   | 205-1 | 490.48    | 488.50    | 490.59    | 489.86     | 0.24    | ppb   |
| Tin        | 118-1 | 479.88    | 474.74    | 474.95    | 476.52     | 0.61    | ppb   |
| Titanium   | 47-1  | 2440.98   | 2464.96   | 2426.35   | 2444.09    | 0.80    | ppb   |
| Uranium    | 238-1 | 510.23    | 509.88    | 507.10    | 509.07     | 0.34    | ppb   |
| Vanadium   | 51-2  | 513.66    | 489.44    | 496.85    | 499.98     | 2.48    | ppb   |
| Yttrium    | 89-1  |           |           |           | 99         |         | %     |
| Yttrium    | 89-2  |           |           |           | 92         |         | %     |
| Zinc       | 66-2  | 1072.06   | 998.98    | 1019.35   | 1030.13    | 3.66    | ppb   |
| Zirconium  | 90-1  | 488.09    | 497.75    | 493.22    | 493.02     | 0.98    | ppb   |

|                         |                     |                   |          |
|-------------------------|---------------------|-------------------|----------|
| LB Number :             | LB94089             | Operator :        | Jaswal   |
| Lab Sample ID :         | CCV008              | Instrumnet Name : | P8       |
| Client Sample ID :      | CCV008              | Dilution Factor : | 1        |
| Date & Time Acquired :: | 2018-03-22 14:30:47 | DataFile Name :   | 044CCV.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|-----------|------|---------|---------|---------|------------|---------|-------|
| Zirconium | 91-1 | 476.66  | 488.78  | 480.81  | 482.08     | 1.28    | ppb   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB94089             | Operator :        | Jaswal    |
| Lab Sample ID :         | CCB008              | Instrumnet Name : | P8        |
| Client Sample ID :      | CCB008              | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2018-03-22 14:36:13 | DataFile Name :   | 045CCBE.d |

| Parameter  | Mass  | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|------------|-------|---------|---------|---------|------------|---------|-------|
| Aluminium  | 27-2  | 4.37    | -1.10   | 2.56    | 1.94       | 143.16  | ppb   |
| Antimony   | 121-1 | 0.63    | 0.68    | 0.77    | 0.69       | 10.50   | ppb   |
| Arsenic    | 75-2  | 0.17    | 0.23    | 0.20    | 0.20       | 14.00   | ppb   |
| Barium     | 135-1 | 0.01    | 0.02    | -0.01   | 0.01       | 272.89  | ppb   |
| Barium     | 137-1 | 0.06    | 0.04    | 0.06    | 0.05       | 24.16   | ppb   |
| Beryllium  | 9-1   | 0.13    | 0.10    | 0.09    | 0.11       | 22.50   | ppb   |
| Bismuth    | 209-1 |         |         |         | 113        |         | %     |
| Bismuth    | 209-2 |         |         |         | 109        |         | %     |
| Boron      | 10-1  | 5.80    | 4.58    | 6.65    | 5.68       | 18.32   | ppb   |
| Boron      | 11-1  | 5.59    | 6.76    | 5.61    | 5.98       | 11.20   | ppb   |
| Cadmium    | 111-1 | -0.13   | -0.10   | -0.08   | -0.10      |         | ppb   |
| Cadmium    | 106-1 | -2.11   | -2.11   | -1.12   | -1.78      |         | ppb   |
| Cadmium    | 108-1 | 0.07    | 0.07    | 0.02    | 0.05       | 50.12   | ppb   |
| Calcium    | 43-1  | -5.94   | -4.04   | -5.99   | -5.32      |         | ppb   |
| Calcium    | 44-1  | -14.81  | -14.87  | -15.99  | -15.22     |         | ppb   |
| Chromium   | 52-2  | -0.04   | -0.06   | -0.06   | -0.05      |         | ppb   |
| Cobalt     | 59-2  | 0.01    | 0.00    | 0.00    | 0.00       | 274.01  | ppb   |
| Copper     | 63-2  | 0.01    | 0.01    | 0.01    | 0.01       | 23.07   | 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 |         |         |         | 108        |         | %     |
| Holmium    | 165-2 |         |         |         | 103        |         | %     |
| Indium     | 115-1 |         |         |         | 101        |         | %     |
| Indium     | 115-2 |         |         |         | 96         |         | %     |
| Iron       | 56-2  | 6.63    | 6.49    | 7.21    | 6.78       | 5.64    | ppb   |
| Iron       | 57-2  | 8.42    | 6.67    | 4.33    | 6.47       | 31.68   | ppb   |
| Lead       | 206-1 | 0.06    | 0.06    | 0.05    | 0.06       | 5.23    | ppb   |
| Lead       | 207-1 | 0.07    | 0.05    | 0.05    | 0.06       | 22.47   | ppb   |
| Lead       | 208-1 | 0.06    | 0.06    | 0.05    | 0.06       | 9.54    | ppb   |
| Lithium    | 6-1   |         |         |         | 99         |         | %     |
| Magnesium  | 24-2  | 0.98    | 0.99    | 3.40    | 1.79       | 77.62   | ppb   |
| Manganese  | 55-2  | 0.15    | 0.13    | 0.24    | 0.17       | 31.56   | ppb   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB94089             | Operator :        | Jaswal    |
| Lab Sample ID :         | CCB008              | Instrumnet Name : | P8        |
| Client Sample ID :      | CCB008              | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2018-03-22 14:36:13 | DataFile Name :   | 045CCBE.d |

| Parameter  | Mass  | ConRep1  | ConRep2  | ConRep3  | Avg. Conc. | ConcRSD | Units |
|------------|-------|----------|----------|----------|------------|---------|-------|
| Molybdenum | 94-1  | 0.50     | 0.64     | 0.72     | 0.62       | 18.10   | ppb   |
| Molybdenum | 95-1  | 0.56     | 0.78     | 0.94     | 0.76       | 25.21   | ppb   |
| Molybdenum | 96-1  | 0.53     | 0.74     | 0.78     | 0.68       | 19.47   | ppb   |
| Molybdenum | 97-1  | 0.48     | 0.85     | 0.88     | 0.74       | 29.88   | ppb   |
| Molybdenum | 98-1  | 0.54     | 0.80     | 0.94     | 0.76       | 26.21   | ppb   |
| Neodymium  | 150-1 |          |          |          |            |         | cps   |
| Neodymium  | 150-2 |          |          |          |            |         | cps   |
| Nickel     | 60-2  | -0.37    | -0.31    | -0.38    | -0.35      |         | ppb   |
| Phosphorus | 31-2  | 2.71     | -24.84   | -24.84   | -15.65     |         | ppb   |
| Potassium  | 39-2  | -25.16   | -17.94   | -24.52   | -22.54     |         | ppb   |
| Rhodium    | 103-1 |          |          |          | 101        |         | %     |
| Rhodium    | 103-2 |          |          |          | 102        |         | %     |
| Scandium   | 45-1  |          |          |          | 95         |         | %     |
| Scandium   | 45-2  |          |          |          | 89         |         | %     |
| Selenium   | 77-2  | 4.91     | -2.29    | -2.29    | 0.11       | 3670.30 | ppb   |
| Selenium   | 78-2  | -1.41    | -0.27    | 0.81     | -0.29      |         | ppb   |
| Selenium   | 82-1  | -0.05    | 0.37     | -0.42    | -0.03      |         | ppb   |
| Silicon    | 28-1  | -33.52   | -29.98   | -36.21   | -33.24     |         | ppb   |
| Silver     | 109-1 | 0.03     | 0.03     | 0.04     | 0.03       | 5.34    | ppb   |
| Silver     | 107-1 | 0.03     | 0.02     | 0.04     | 0.03       | 39.28   | ppb   |
| Sodium     | 23-2  | 30.03    | 27.47    | 36.57    | 31.36      | 14.96   | ppb   |
| Strontium  | 86-1  | 0.04     | 0.01     | 0.00     | 0.01       | 151.56  | ppb   |
| Strontium  | 88-1  | 0.01     | 0.00     | 0.00     | 0.00       | 67.20   | ppb   |
| Sulfur     | 34-1  | -1899.46 | -1560.94 | -2045.77 | -1835.39   |         | ppb   |
| Terbium    | 159-1 |          |          |          | 108        |         | %     |
| Terbium    | 159-2 |          |          |          | 103        |         | %     |
| Thallium   | 203-1 | 0.09     | 0.08     | 0.07     | 0.08       | 15.16   | ppb   |
| Thallium   | 205-1 | 0.09     | 0.09     | 0.07     | 0.08       | 12.65   | ppb   |
| Tin        | 118-1 | 0.24     | 0.27     | 0.25     | 0.25       | 4.90    | ppb   |
| Titanium   | 47-1  | 0.04     | 0.11     | 0.01     | 0.05       | 107.46  | ppb   |
| Uranium    | 238-1 | 0.01     | 0.01     | 0.01     | 0.01       | 27.02   | ppb   |
| Vanadium   | 51-2  | 0.00     | 0.00     | 0.00     | 0.00       | 887.29  | ppb   |
| Yttrium    | 89-1  |          |          |          | 99         |         | %     |
| Yttrium    | 89-2  |          |          |          | 95         |         | %     |
| Zinc       | 66-2  | -0.24    | -0.10    | 0.01     | -0.11      |         | ppb   |
| Zirconium  | 90-1  | 0.02     | 0.03     | 0.02     | 0.03       | 19.36   | ppb   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB94089             | Operator :        | Jaswal    |
| Lab Sample ID :         | CCB008              | Instrumnet Name : | P8        |
| Client Sample ID :      | CCB008              | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2018-03-22 14:36:13 | DataFile Name :   | 045CCBE.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|-----------|------|---------|---------|---------|------------|---------|-------|
| Zirconium | 91-1 | 0.04    | 0.04    | 0.05    | 0.04       | 14.93   | ppb   |



|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB94089             | Operator :        | Jaswal    |
| Lab Sample ID :         | J1988-01            | Instrumnet Name : | P8        |
| Client Sample ID :      | MJHR86              | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2018-03-22 14:39:34 | DataFile Name :   | 046SMPL.d |

| Parameter  | Mass  | ConRep1  | ConRep2  | ConRep3  | Avg. Conc. | ConcRSD | Units |
|------------|-------|----------|----------|----------|------------|---------|-------|
| Aluminium  | 27-2  | 39313.68 | 39633.30 | 38674.39 | 39207.12   | 1.25    | ppb   |
| Antimony   | 121-1 | 14.85    | 14.50    | 14.91    | 14.75      | 1.47    | ppb   |
| Arsenic    | 75-2  | 170.05   | 169.69   | 170.97   | 170.23     | 0.39    | ppb   |
| Barium     | 135-1 | 178.34   | 171.37   | 177.10   | 175.60     | 2.12    | ppb   |
| Barium     | 137-1 | 180.18   | 176.06   | 179.52   | 178.59     | 1.24    | ppb   |
| Beryllium  | 9-1   | 1.00     | 1.03     | 1.13     | 1.05       | 6.32    | ppb   |
| Bismuth    | 209-1 |          |          |          | 116        |         | %     |
| Bismuth    | 209-2 |          |          |          | 108        |         | %     |
| Boron      | 10-1  | 8.85     | 6.18     | 8.72     | 7.92       | 19.03   | ppb   |
| Boron      | 11-1  | 7.68     | 7.33     | 7.29     | 7.43       | 2.89    | ppb   |
| Cadmium    | 111-1 | 0.60     | 0.49     | 0.48     | 0.52       | 12.46   | ppb   |
| Cadmium    | 106-1 | 0.50     | -0.57    | -0.29    | -0.12      |         | ppb   |
| Cadmium    | 108-1 | 0.97     | 0.90     | 0.88     | 0.92       | 5.10    | ppb   |
| Calcium    | 43-1  | 6236.18  | 6175.03  | 6207.57  | 6206.26    | 0.49    | ppb   |
| Calcium    | 44-1  | 6420.01  | 6262.61  | 6159.31  | 6280.65    | 2.09    | ppb   |
| Chromium   | 52-2  | 62.21    | 62.26    | 62.43    | 62.30      | 0.19    | ppb   |
| Cobalt     | 59-2  | 80.72    | 82.10    | 80.76    | 81.20      | 0.97    | ppb   |
| Copper     | 63-2  | 208.04   | 208.08   | 206.29   | 207.47     | 0.50    | 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 |          |          |          | 112        |         | %     |
| Holmium    | 165-2 |          |          |          | 104        |         | %     |
| Indium     | 115-1 |          |          |          | 105        |         | %     |
| Indium     | 115-2 |          |          |          | 97         |         | %     |
| Iron       | 56-2  | 73052.58 | 72563.30 | 71846.71 | 72487.53   | 0.84    | ppb   |
| Iron       | 57-2  | 71389.37 | 71497.67 | 71443.78 | 71443.60   | 0.08    | ppb   |
| Lead       | 206-1 | 34.46    | 34.78    | 35.31    | 34.85      | 1.23    | ppb   |
| Lead       | 207-1 | 32.13    | 32.13    | 32.48    | 32.25      | 0.62    | ppb   |
| Lead       | 208-1 | 33.71    | 33.48    | 33.99    | 33.73      | 0.75    | ppb   |
| Lithium    | 6-1   |          |          |          | 103        |         | %     |
| Magnesium  | 24-2  | 3286.77  | 3285.80  | 3258.08  | 3276.89    | 0.50    | ppb   |
| Manganese  | 55-2  | 4713.39  | 4710.88  | 4705.59  | 4709.95    | 0.08    | ppb   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB94089             | Operator :        | Jaswal    |
| Lab Sample ID :         | J1988-01            | Instrumnet Name : | P8        |
| Client Sample ID :      | MJHR86              | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2018-03-22 14:39:34 | DataFile Name :   | 046SMPL.d |

| Parameter  | Mass  | ConRep1  | ConRep2  | ConRep3  | Avg. Conc. | ConcRSD | Units |
|------------|-------|----------|----------|----------|------------|---------|-------|
| Molybdenum | 94-1  | 2.05     | 1.74     | 1.94     | 1.91       | 8.21    | ppb   |
| Molybdenum | 95-1  | 0.73     | 0.78     | 0.88     | 0.79       | 9.58    | ppb   |
| Molybdenum | 96-1  | 1.05     | 1.04     | 1.06     | 1.05       | 0.99    | ppb   |
| Molybdenum | 97-1  | 0.61     | 0.80     | 0.84     | 0.75       | 16.41   | ppb   |
| Molybdenum | 98-1  | 0.65     | 0.75     | 0.85     | 0.75       | 13.79   | ppb   |
| Neodymium  | 150-1 |          |          |          |            |         | cps   |
| Neodymium  | 150-2 |          |          |          |            |         | cps   |
| Nickel     | 60-2  | 68.60    | 69.67    | 68.30    | 68.86      | 1.05    | ppb   |
| Phosphorus | 31-2  | 2147.23  | 1544.25  | 1764.87  | 1818.78    | 16.77   | ppb   |
| Potassium  | 39-2  | 1066.51  | 1093.28  | 1065.83  | 1075.21    | 1.46    | ppb   |
| Rhodium    | 103-1 |          |          |          | 104        |         | %     |
| Rhodium    | 103-2 |          |          |          | 103        |         | %     |
| Scandium   | 45-1  |          |          |          | 101        |         | %     |
| Scandium   | 45-2  |          |          |          | 93         |         | %     |
| Selenium   | 77-2  | 44.58    | 44.95    | 18.05    | 35.86      | 43.02   | ppb   |
| Selenium   | 78-2  | 4.80     | 4.85     | 8.02     | 5.89       | 31.32   | ppb   |
| Selenium   | 82-1  | 0.22     | 0.68     | 0.71     | 0.54       | 50.52   | ppb   |
| Silicon    | 28-1  | 1965.22  | 1903.25  | 1917.58  | 1928.69    | 1.68    | ppb   |
| Silver     | 109-1 | 0.14     | 0.18     | 0.15     | 0.15       | 14.70   | ppb   |
| Silver     | 107-1 | 0.15     | 0.14     | 0.16     | 0.15       | 5.77    | ppb   |
| Sodium     | 23-2  | 209.17   | 204.65   | 204.08   | 205.97     | 1.36    | ppb   |
| Strontium  | 86-1  | 89.64    | 86.66    | 89.11    | 88.47      | 1.80    | ppb   |
| Strontium  | 88-1  | 89.86    | 89.98    | 89.92    | 89.92      | 0.06    | ppb   |
| Sulfur     | 34-1  | -3087.65 | -3664.15 | -3664.51 | -3472.10   |         | ppb   |
| Terbium    | 159-1 |          |          |          | 112        |         | %     |
| Terbium    | 159-2 |          |          |          | 105        |         | %     |
| Thallium   | 203-1 | 0.66     | 0.65     | 0.64     | 0.65       | 1.80    | ppb   |
| Thallium   | 205-1 | 0.71     | 0.68     | 0.68     | 0.69       | 2.44    | ppb   |
| Tin        | 118-1 | 4.39     | 4.50     | 4.70     | 4.53       | 3.39    | ppb   |
| Titanium   | 47-1  | 70.50    | 66.87    | 66.94    | 68.11      | 3.05    | ppb   |
| Uranium    | 238-1 | 0.29     | 0.26     | 0.28     | 0.28       | 5.56    | ppb   |
| Vanadium   | 51-2  | 138.28   | 139.80   | 139.28   | 139.12     | 0.55    | ppb   |
| Yttrium    | 89-1  |          |          |          | 108        |         | %     |
| Yttrium    | 89-2  |          |          |          | 102        |         | %     |
| Zinc       | 66-2  | 262.71   | 270.59   | 267.82   | 267.04     | 1.50    | ppb   |
| Zirconium  | 90-1  | 0.95     | 0.89     | 0.92     | 0.92       | 3.49    | ppb   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB94089             | Operator :        | Jaswal    |
| Lab Sample ID :         | J1988-01            | Instrumnet Name : | P8        |
| Client Sample ID :      | MJHR86              | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2018-03-22 14:39:34 | DataFile Name :   | 046SMPL.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|-----------|------|---------|---------|---------|------------|---------|-------|
| Zirconium | 91-1 | 0.91    | 0.96    | 0.92    | 0.93       | 3.19    | ppb   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB94089             | Operator :        | Jaswal    |
| Lab Sample ID :         | J1988-02            | Instrumnet Name : | P8        |
| Client Sample ID :      | MJHR87              | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2018-03-22 14:42:53 | DataFile Name :   | 047SMPL.d |

| Parameter  | Mass  | ConRep1   | ConRep2   | ConRep3   | Avg. Conc. | ConcRSD | Units |
|------------|-------|-----------|-----------|-----------|------------|---------|-------|
| Aluminium  | 27-2  | 23538.90  | 24009.33  | 23581.85  | 23710.02   | 1.10    | ppb   |
| Antimony   | 121-1 | 18.09     | 17.55     | 18.10     | 17.91      | 1.77    | ppb   |
| Arsenic    | 75-2  | 109.78    | 119.34    | 113.30    | 114.14     | 4.23    | ppb   |
| Barium     | 135-1 | 107.46    | 104.97    | 106.38    | 106.27     | 1.17    | ppb   |
| Barium     | 137-1 | 106.56    | 104.56    | 107.54    | 106.22     | 1.43    | ppb   |
| Beryllium  | 9-1   | 0.63      | 0.68      | 0.75      | 0.69       | 8.71    | ppb   |
| Bismuth    | 209-1 |           |           |           | 111        |         | %     |
| Bismuth    | 209-2 |           |           |           | 104        |         | %     |
| Boron      | 10-1  | 6.66      | 5.47      | 5.07      | 5.73       | 14.46   | ppb   |
| Boron      | 11-1  | 5.51      | 5.16      | 5.23      | 5.30       | 3.50    | ppb   |
| Cadmium    | 111-1 | 0.17      | 0.05      | 0.13      | 0.12       | 53.19   | ppb   |
| Cadmium    | 106-1 | -0.32     | -2.24     | -0.34     | -0.97      |         | ppb   |
| Cadmium    | 108-1 | 0.68      | 0.62      | 0.50      | 0.60       | 14.93   | ppb   |
| Calcium    | 43-1  | 4838.45   | 4609.25   | 4872.86   | 4773.52    | 3.00    | ppb   |
| Calcium    | 44-1  | 4820.70   | 4766.97   | 4837.99   | 4808.56    | 0.77    | ppb   |
| Chromium   | 52-2  | 63.65     | 64.97     | 65.27     | 64.63      | 1.34    | ppb   |
| Cobalt     | 59-2  | 42.04     | 43.35     | 43.48     | 42.96      | 1.86    | ppb   |
| Copper     | 63-2  | 160.04    | 163.95    | 164.55    | 162.85     | 1.51    | ppb   |
| Dysprosium | 156-1 |           |           |           |            |         | cps   |
| Dysprosium | 156-2 |           |           |           |            |         | cps   |
| Erbium     | 164-1 |           |           |           |            |         | cps   |
| Erbium     | 164-2 |           |           |           |            |         | cps   |
| Gadolinium | 160-1 |           |           |           |            |         | cps   |
| Gadolinium | 160-2 |           |           |           |            |         | cps   |
| Holmium    | 165-1 |           |           |           | 111        |         | %     |
| Holmium    | 165-2 |           |           |           | 103        |         | %     |
| Indium     | 115-1 |           |           |           | 103        |         | %     |
| Indium     | 115-2 |           |           |           | 96         |         | %     |
| Iron       | 56-2  | 373542.80 | 378815.89 | 381681.77 | 378013.48  | 1.09    | ppb   |
| Iron       | 57-2  | 369081.42 | 376743.94 | 378583.48 | 374802.94  | 1.34    | ppb   |
| Lead       | 206-1 | 51.37     | 49.82     | 50.60     | 50.60      | 1.53    | ppb   |
| Lead       | 207-1 | 50.45     | 47.50     | 48.89     | 48.95      | 3.01    | ppb   |
| Lead       | 208-1 | 51.25     | 49.41     | 50.32     | 50.33      | 1.83    | ppb   |
| Lithium    | 6-1   |           |           |           | 101        |         | %     |
| Magnesium  | 24-2  | 3510.60   | 3572.54   | 3593.96   | 3559.03    | 1.22    | ppb   |
| Manganese  | 55-2  | 2776.68   | 2843.86   | 2854.95   | 2825.16    | 1.50    | ppb   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB94089             | Operator :        | Jaswal    |
| Lab Sample ID :         | J1988-02            | Instrumnet Name : | P8        |
| Client Sample ID :      | MJHR87              | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2018-03-22 14:42:53 | DataFile Name :   | 047SMPL.d |

| Parameter  | Mass  | ConRep1  | ConRep2  | ConRep3  | Avg. Conc. | ConcRSD | Units |
|------------|-------|----------|----------|----------|------------|---------|-------|
| Molybdenum | 94-1  | 2.32     | 2.11     | 2.30     | 2.24       | 5.09    | ppb   |
| Molybdenum | 95-1  | 1.90     | 2.02     | 1.94     | 1.95       | 3.18    | ppb   |
| Molybdenum | 96-1  | 3.06     | 2.90     | 3.13     | 3.03       | 3.81    | ppb   |
| Molybdenum | 97-1  | 2.28     | 2.01     | 2.21     | 2.17       | 6.43    | ppb   |
| Molybdenum | 98-1  | 2.19     | 1.99     | 2.04     | 2.07       | 4.87    | ppb   |
| Neodymium  | 150-1 |          |          |          |            |         | cps   |
| Neodymium  | 150-2 |          |          |          |            |         | cps   |
| Nickel     | 60-2  | 40.48    | 42.37    | 42.56    | 41.80      | 2.74    | ppb   |
| Phosphorus | 31-2  | 1039.90  | 1408.27  | 1296.16  | 1248.11    | 15.13   | ppb   |
| Potassium  | 39-2  | 697.82   | 767.49   | 698.75   | 721.35     | 5.54    | ppb   |
| Rhodium    | 103-1 |          |          |          | 102        |         | %     |
| Rhodium    | 103-2 |          |          |          | 101        |         | %     |
| Scandium   | 45-1  |          |          |          | 101        |         | %     |
| Scandium   | 45-2  |          |          |          | 93         |         | %     |
| Selenium   | 77-2  | 18.47    | 26.59    | 18.79    | 21.28      | 21.62   | ppb   |
| Selenium   | 78-2  | 5.01     | 3.06     | 2.94     | 3.67       | 31.66   | ppb   |
| Selenium   | 82-1  | -0.17    | 0.82     | 0.32     | 0.32       | 153.77  | ppb   |
| Silicon    | 28-1  | 1994.68  | 1946.21  | 1962.84  | 1967.91    | 1.25    | ppb   |
| Silver     | 109-1 | 0.21     | 0.21     | 0.18     | 0.20       | 8.85    | ppb   |
| Silver     | 107-1 | 0.20     | 0.16     | 0.16     | 0.17       | 11.89   | ppb   |
| Sodium     | 23-2  | 136.51   | 142.21   | 142.55   | 140.42     | 2.42    | ppb   |
| Strontium  | 86-1  | 81.93    | 77.55    | 80.18    | 79.89      | 2.76    | ppb   |
| Strontium  | 88-1  | 81.24    | 78.28    | 80.25    | 79.92      | 1.89    | ppb   |
| Sulfur     | 34-1  | -3903.90 | -4241.22 | -4201.54 | -4115.55   |         | ppb   |
| Terbium    | 159-1 |          |          |          | 109        |         | %     |
| Terbium    | 159-2 |          |          |          | 102        |         | %     |
| Thallium   | 203-1 | 0.23     | 0.25     | 0.23     | 0.24       | 3.66    | ppb   |
| Thallium   | 205-1 | 0.25     | 0.24     | 0.24     | 0.24       | 2.94    | ppb   |
| Tin        | 118-1 | 10.81    | 10.33    | 10.82    | 10.65      | 2.62    | ppb   |
| Titanium   | 47-1  | 73.58    | 73.82    | 72.31    | 73.23      | 1.11    | ppb   |
| Uranium    | 238-1 | 0.14     | 0.13     | 0.13     | 0.13       | 2.44    | ppb   |
| Vanadium   | 51-2  | 93.36    | 94.04    | 94.04    | 93.81      | 0.42    | ppb   |
| Yttrium    | 89-1  |          |          |          | 104        |         | %     |
| Yttrium    | 89-2  |          |          |          | 97         |         | %     |
| Zinc       | 66-2  | 110.59   | 113.13   | 113.86   | 112.53     | 1.53    | ppb   |
| Zirconium  | 90-1  | 0.48     | 0.45     | 0.46     | 0.46       | 3.60    | ppb   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB94089             | Operator :        | Jaswal    |
| Lab Sample ID :         | J1988-02            | Instrumnet Name : | P8        |
| Client Sample ID :      | MJHR87              | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2018-03-22 14:42:53 | DataFile Name :   | 047SMPL.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|-----------|------|---------|---------|---------|------------|---------|-------|
| Zirconium | 91-1 | 0.39    | 0.42    | 0.51    | 0.44       | 13.48   | ppb   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB94089             | Operator :        | Jaswal    |
| Lab Sample ID :         | J1988-03            | Instrumnet Name : | P8        |
| Client Sample ID :      | MJHR88              | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2018-03-22 14:46:14 | DataFile Name :   | 048SMPL.d |

| Parameter  | Mass  | ConRep1  | ConRep2  | ConRep3  | Avg. Conc. | ConcRSD | Units |
|------------|-------|----------|----------|----------|------------|---------|-------|
| Aluminium  | 27-2  | 39160.45 | 46574.11 | 41930.36 | 42554.97   | 8.80    | ppb   |
| Antimony   | 121-1 | 13.74    | 12.99    | 13.60    | 13.44      | 2.94    | ppb   |
| Arsenic    | 75-2  | 136.23   | 167.73   | 139.88   | 147.95     | 11.65   | ppb   |
| Barium     | 135-1 | 183.59   | 178.57   | 182.12   | 181.42     | 1.42    | ppb   |
| Barium     | 137-1 | 186.36   | 181.33   | 184.93   | 184.21     | 1.41    | ppb   |
| Beryllium  | 9-1   | 1.01     | 1.07     | 0.96     | 1.01       | 5.34    | ppb   |
| Bismuth    | 209-1 |          |          |          | 112        |         | %     |
| Bismuth    | 209-2 |          |          |          | 101        |         | %     |
| Boron      | 10-1  | 3.30     | 4.91     | 4.37     | 4.19       | 19.56   | ppb   |
| Boron      | 11-1  | 4.72     | 5.07     | 4.94     | 4.91       | 3.62    | ppb   |
| Cadmium    | 111-1 | 0.56     | 0.38     | 0.45     | 0.46       | 19.71   | ppb   |
| Cadmium    | 106-1 | 0.38     | -1.57    | 0.09     | -0.37      |         | ppb   |
| Cadmium    | 108-1 | 0.82     | 0.97     | 0.59     | 0.79       | 23.90   | ppb   |
| Calcium    | 43-1  | 5567.73  | 5441.74  | 5525.29  | 5511.58    | 1.16    | ppb   |
| Calcium    | 44-1  | 5684.47  | 5535.23  | 5697.24  | 5638.98    | 1.60    | ppb   |
| Chromium   | 52-2  | 71.22    | 86.70    | 76.79    | 78.24      | 10.02   | ppb   |
| Cobalt     | 59-2  | 56.43    | 68.36    | 60.45    | 61.75      | 9.83    | ppb   |
| Copper     | 63-2  | 159.36   | 190.49   | 171.42   | 173.76     | 9.03    | 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 |          |          |          | 110        |         | %     |
| Holmium    | 165-2 |          |          |          | 98         |         | %     |
| Indium     | 115-1 |          |          |          | 103        |         | %     |
| Indium     | 115-2 |          |          |          | 91         |         | %     |
| Iron       | 56-2  | 61245.85 | 73186.81 | 65053.11 | 66495.26   | 9.17    | ppb   |
| Iron       | 57-2  | 60318.21 | 71803.18 | 64079.18 | 65400.19   | 8.95    | ppb   |
| Lead       | 206-1 | 60.71    | 58.52    | 59.70    | 59.65      | 1.84    | ppb   |
| Lead       | 207-1 | 55.43    | 54.16    | 54.70    | 54.76      | 1.16    | ppb   |
| Lead       | 208-1 | 58.37    | 56.29    | 57.40    | 57.35      | 1.82    | ppb   |
| Lithium    | 6-1   |          |          |          | 103        |         | %     |
| Magnesium  | 24-2  | 5331.87  | 6204.93  | 5579.96  | 5705.59    | 7.88    | ppb   |
| Manganese  | 55-2  | 3060.57  | 3644.98  | 3242.62  | 3316.06    | 9.02    | ppb   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB94089             | Operator :        | Jaswal    |
| Lab Sample ID :         | J1988-03            | Instrumnet Name : | P8        |
| Client Sample ID :      | MJHR88              | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2018-03-22 14:46:14 | DataFile Name :   | 048SMPL.d |

| Parameter  | Mass  | ConRep1  | ConRep2  | ConRep3  | Avg. Conc. | ConcRSD | Units |
|------------|-------|----------|----------|----------|------------|---------|-------|
| Molybdenum | 94-1  | 2.14     | 1.94     | 2.11     | 2.06       | 5.31    | ppb   |
| Molybdenum | 95-1  | 0.68     | 0.64     | 0.75     | 0.69       | 7.60    | ppb   |
| Molybdenum | 96-1  | 0.92     | 0.94     | 1.04     | 0.97       | 6.51    | ppb   |
| Molybdenum | 97-1  | 0.65     | 0.83     | 0.64     | 0.71       | 15.34   | ppb   |
| Molybdenum | 98-1  | 0.68     | 0.67     | 0.68     | 0.68       | 0.80    | ppb   |
| Neodymium  | 150-1 |          |          |          |            |         | cps   |
| Neodymium  | 150-2 |          |          |          |            |         | cps   |
| Nickel     | 60-2  | 46.07    | 56.21    | 49.58    | 50.62      | 10.18   | ppb   |
| Phosphorus | 31-2  | 1637.81  | 1449.35  | 1556.84  | 1548.00    | 6.11    | ppb   |
| Potassium  | 39-2  | 732.63   | 924.06   | 729.14   | 795.27     | 14.03   | ppb   |
| Rhodium    | 103-1 |          |          |          | 102        |         | %     |
| Rhodium    | 103-2 |          |          |          | 96         |         | %     |
| Scandium   | 45-1  |          |          |          | 100        |         | %     |
| Scandium   | 45-2  |          |          |          | 88         |         | %     |
| Selenium   | 77-2  | 52.63    | 30.03    | 54.49    | 45.72      | 29.79   | ppb   |
| Selenium   | 78-2  | 0.71     | 12.33    | 4.08     | 5.71       | 104.73  | ppb   |
| Selenium   | 82-1  | 0.42     | 1.17     | 0.27     | 0.62       | 78.00   | ppb   |
| Silicon    | 28-1  | 2134.47  | 2056.32  | 2087.93  | 2092.91    | 1.88    | ppb   |
| Silver     | 109-1 | 0.22     | 0.19     | 0.19     | 0.20       | 7.91    | ppb   |
| Silver     | 107-1 | 0.21     | 0.20     | 0.23     | 0.21       | 5.71    | ppb   |
| Sodium     | 23-2  | 198.57   | 243.56   | 217.68   | 219.94     | 10.27   | ppb   |
| Strontium  | 86-1  | 90.68    | 88.78    | 89.46    | 89.64      | 1.07    | ppb   |
| Strontium  | 88-1  | 92.96    | 91.87    | 91.75    | 92.19      | 0.72    | ppb   |
| Sulfur     | 34-1  | -5149.22 | -5321.64 | -5198.24 | -5223.03   |         | ppb   |
| Terbium    | 159-1 |          |          |          | 109        |         | %     |
| Terbium    | 159-2 |          |          |          | 98         |         | %     |
| Thallium   | 203-1 | 0.54     | 0.48     | 0.52     | 0.51       | 5.90    | ppb   |
| Thallium   | 205-1 | 0.45     | 0.46     | 0.45     | 0.46       | 1.71    | ppb   |
| Tin        | 118-1 | 3.62     | 3.54     | 3.43     | 3.53       | 2.84    | ppb   |
| Titanium   | 47-1  | 115.69   | 113.94   | 122.15   | 117.26     | 3.69    | ppb   |
| Uranium    | 238-1 | 0.27     | 0.26     | 0.24     | 0.26       | 5.67    | ppb   |
| Vanadium   | 51-2  | 127.75   | 155.49   | 138.49   | 140.58     | 9.95    | ppb   |
| Yttrium    | 89-1  |          |          |          | 106        |         | %     |
| Yttrium    | 89-2  |          |          |          | 94         |         | %     |
| Zinc       | 66-2  | 225.30   | 272.74   | 242.36   | 246.80     | 9.74    | ppb   |
| Zirconium  | 90-1  | 1.03     | 0.94     | 1.04     | 1.00       | 5.27    | ppb   |



|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB94089             | Operator :        | Jaswal    |
| Lab Sample ID :         | J1988-03            | Instrumnet Name : | P8        |
| Client Sample ID :      | MJHR88              | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2018-03-22 14:46:14 | DataFile Name :   | 048SMPL.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|-----------|------|---------|---------|---------|------------|---------|-------|
| Zirconium | 91-1 | 1.05    | 1.09    | 1.00    | 1.05       | 4.43    | ppb   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB94089             | Operator :        | Jaswal    |
| Lab Sample ID :         | J1988-04            | Instrumnet Name : | P8        |
| Client Sample ID :      | MJHR89              | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2018-03-22 14:49:34 | DataFile Name :   | 049SMPL.d |

| Parameter  | Mass  | ConRep1  | ConRep2  | ConRep3  | Avg. Conc. | ConcRSD | Units |
|------------|-------|----------|----------|----------|------------|---------|-------|
| Aluminium  | 27-2  | 36714.78 | 36220.73 | 37982.51 | 36972.67   | 2.46    | ppb   |
| Antimony   | 121-1 | 14.10    | 13.94    | 14.11    | 14.05      | 0.69    | ppb   |
| Arsenic    | 75-2  | 124.79   | 119.84   | 129.17   | 124.60     | 3.75    | ppb   |
| Barium     | 135-1 | 161.93   | 161.05   | 163.35   | 162.11     | 0.72    | ppb   |
| Barium     | 137-1 | 163.41   | 161.60   | 164.13   | 163.05     | 0.80    | ppb   |
| Beryllium  | 9-1   | 1.23     | 0.94     | 1.09     | 1.09       | 13.32   | ppb   |
| Bismuth    | 209-1 |          |          |          | 114        |         | %     |
| Bismuth    | 209-2 |          |          |          | 104        |         | %     |
| Boron      | 10-1  | 5.87     | 6.35     | 4.55     | 5.59       | 16.68   | ppb   |
| Boron      | 11-1  | 5.41     | 6.14     | 5.25     | 5.60       | 8.52    | ppb   |
| Cadmium    | 111-1 | 0.89     | 0.97     | 0.80     | 0.89       | 9.11    | ppb   |
| Cadmium    | 106-1 | 0.43     | 1.27     | -0.23    | 0.49       | 152.68  | ppb   |
| Cadmium    | 108-1 | 1.12     | 1.18     | 1.12     | 1.14       | 3.43    | ppb   |
| Calcium    | 43-1  | 6965.94  | 6851.94  | 7061.69  | 6959.86    | 1.51    | ppb   |
| Calcium    | 44-1  | 7209.47  | 6936.90  | 7113.08  | 7086.48    | 1.95    | ppb   |
| Chromium   | 52-2  | 80.62    | 80.41    | 82.58    | 81.20      | 1.47    | ppb   |
| Cobalt     | 59-2  | 68.58    | 67.57    | 70.49    | 68.88      | 2.15    | ppb   |
| Copper     | 63-2  | 164.99   | 163.84   | 168.75   | 165.86     | 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 |          |          |          | 111        |         | %     |
| Holmium    | 165-2 |          |          |          | 103        |         | %     |
| Indium     | 115-1 |          |          |          | 103        |         | %     |
| Indium     | 115-2 |          |          |          | 95         |         | %     |
| Iron       | 56-2  | 95094.60 | 94171.23 | 97491.93 | 95585.92   | 1.79    | ppb   |
| Iron       | 57-2  | 93585.99 | 92968.73 | 96168.60 | 94241.11   | 1.80    | ppb   |
| Lead       | 206-1 | 99.54    | 97.58    | 99.41    | 98.85      | 1.11    | ppb   |
| Lead       | 207-1 | 91.33    | 89.75    | 91.09    | 90.72      | 0.94    | ppb   |
| Lead       | 208-1 | 95.82    | 94.30    | 95.44    | 95.19      | 0.83    | ppb   |
| Lithium    | 6-1   |          |          |          | 103        |         | %     |
| Magnesium  | 24-2  | 3598.27  | 3552.28  | 3639.09  | 3596.55    | 1.21    | ppb   |
| Manganese  | 55-2  | 3646.05  | 3612.28  | 3733.59  | 3663.97    | 1.71    | ppb   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB94089             | Operator :        | Jaswal    |
| Lab Sample ID :         | J1988-04            | Instrumnet Name : | P8        |
| Client Sample ID :      | MJHR89              | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2018-03-22 14:49:34 | DataFile Name :   | 049SMPL.d |

| Parameter  | Mass  | ConRep1  | ConRep2  | ConRep3  | Avg. Conc. | ConcRSD | Units |
|------------|-------|----------|----------|----------|------------|---------|-------|
| Molybdenum | 94-1  | 1.98     | 2.01     | 2.00     | 2.00       | 0.73    | ppb   |
| Molybdenum | 95-1  | 0.55     | 0.52     | 0.51     | 0.53       | 3.25    | ppb   |
| Molybdenum | 96-1  | 0.84     | 0.82     | 0.90     | 0.86       | 4.84    | ppb   |
| Molybdenum | 97-1  | 0.43     | 0.46     | 0.54     | 0.48       | 11.89   | ppb   |
| Molybdenum | 98-1  | 0.52     | 0.54     | 0.58     | 0.54       | 5.76    | ppb   |
| Neodymium  | 150-1 |          |          |          |            |         | cps   |
| Neodymium  | 150-2 |          |          |          |            |         | cps   |
| Nickel     | 60-2  | 54.48    | 52.16    | 55.43    | 54.02      | 3.11    | ppb   |
| Phosphorus | 31-2  | 3292.44  | 3219.84  | 3521.14  | 3344.48    | 4.70    | ppb   |
| Potassium  | 39-2  | 646.32   | 599.37   | 619.50   | 621.73     | 3.79    | ppb   |
| Rhodium    | 103-1 |          |          |          | 102        |         | %     |
| Rhodium    | 103-2 |          |          |          | 100        |         | %     |
| Scandium   | 45-1  |          |          |          | 101        |         | %     |
| Scandium   | 45-2  |          |          |          | 93         |         | %     |
| Selenium   | 77-2  | 18.34    | 18.67    | 33.27    | 23.43      | 36.40   | ppb   |
| Selenium   | 78-2  | 4.97     | 6.15     | 5.19     | 5.44       | 11.55   | ppb   |
| Selenium   | 82-1  | 0.21     | 0.78     | 0.00     | 0.33       | 121.09  | ppb   |
| Silicon    | 28-1  | 2058.49  | 2030.64  | 2045.07  | 2044.73    | 0.68    | ppb   |
| Silver     | 109-1 | 0.17     | 0.18     | 0.22     | 0.19       | 12.71   | ppb   |
| Silver     | 107-1 | 0.17     | 0.18     | 0.20     | 0.18       | 7.82    | ppb   |
| Sodium     | 23-2  | 146.83   | 149.90   | 150.25   | 148.99     | 1.26    | ppb   |
| Strontium  | 86-1  | 109.87   | 108.37   | 110.32   | 109.52     | 0.93    | ppb   |
| Strontium  | 88-1  | 114.80   | 110.70   | 114.27   | 113.26     | 1.97    | ppb   |
| Sulfur     | 34-1  | -5600.11 | -6083.25 | -5992.46 | -5891.94   |         | ppb   |
| Terbium    | 159-1 |          |          |          | 110        |         | %     |
| Terbium    | 159-2 |          |          |          | 103        |         | %     |
| Thallium   | 203-1 | 0.43     | 0.45     | 0.40     | 0.43       | 5.81    | ppb   |
| Thallium   | 205-1 | 0.45     | 0.40     | 0.46     | 0.44       | 6.80    | ppb   |
| Tin        | 118-1 | 4.08     | 3.81     | 4.01     | 3.97       | 3.62    | ppb   |
| Titanium   | 47-1  | 87.59    | 85.58    | 87.57    | 86.91      | 1.33    | ppb   |
| Uranium    | 238-1 | 0.17     | 0.19     | 0.18     | 0.18       | 6.66    | ppb   |
| Vanadium   | 51-2  | 144.37   | 144.27   | 148.65   | 145.77     | 1.72    | ppb   |
| Yttrium    | 89-1  |          |          |          | 105        |         | %     |
| Yttrium    | 89-2  |          |          |          | 98         |         | %     |
| Zinc       | 66-2  | 380.16   | 380.22   | 395.99   | 385.46     | 2.37    | ppb   |
| Zirconium  | 90-1  | 1.04     | 1.05     | 1.08     | 1.06       | 2.00    | ppb   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB94089             | Operator :        | Jaswal    |
| Lab Sample ID :         | J1988-04            | Instrumnet Name : | P8        |
| Client Sample ID :      | MJHR89              | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2018-03-22 14:49:34 | DataFile Name :   | 049SMPL.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|-----------|------|---------|---------|---------|------------|---------|-------|
| Zirconium | 91-1 | 1.03    | 0.89    | 1.13    | 1.02       | 11.72   | ppb   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB94089             | Operator :        | Jaswal    |
| Lab Sample ID :         | J1988-05            | Instrumnet Name : | P8        |
| Client Sample ID :      | MJHR90              | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2018-03-22 14:52:53 | DataFile Name :   | 050SMPL.d |

| Parameter  | Mass  | ConRep1  | ConRep2  | ConRep3  | Avg. Conc. | ConcRSD | Units |
|------------|-------|----------|----------|----------|------------|---------|-------|
| Aluminium  | 27-2  | 28346.51 | 28275.31 | 29043.60 | 28555.14   | 1.49    | ppb   |
| Antimony   | 121-1 | 2.41     | 2.35     | 2.45     | 2.41       | 2.10    | ppb   |
| Arsenic    | 75-2  | 51.37    | 52.69    | 53.57    | 52.54      | 2.11    | ppb   |
| Barium     | 135-1 | 258.32   | 248.16   | 255.66   | 254.04     | 2.07    | ppb   |
| Barium     | 137-1 | 259.86   | 250.73   | 256.86   | 255.82     | 1.82    | ppb   |
| Beryllium  | 9-1   | 1.25     | 1.16     | 1.14     | 1.18       | 4.74    | ppb   |
| Bismuth    | 209-1 |          |          |          | 115        |         | %     |
| Bismuth    | 209-2 |          |          |          | 109        |         | %     |
| Boron      | 10-1  | 3.64     | 2.82     | 3.30     | 3.25       | 12.68   | ppb   |
| Boron      | 11-1  | 3.97     | 3.82     | 4.19     | 3.99       | 4.70    | ppb   |
| Cadmium    | 111-1 | 0.25     | 0.38     | 0.29     | 0.31       | 21.30   | ppb   |
| Cadmium    | 106-1 | -1.88    | -1.00    | -2.02    | -1.63      |         | ppb   |
| Cadmium    | 108-1 | 0.54     | 0.65     | 0.97     | 0.72       | 30.51   | ppb   |
| Calcium    | 43-1  | 12119.94 | 11786.78 | 11909.15 | 11938.62   | 1.41    | ppb   |
| Calcium    | 44-1  | 12539.37 | 12031.67 | 12100.52 | 12223.85   | 2.25    | ppb   |
| Chromium   | 52-2  | 48.80    | 48.88    | 49.53    | 49.07      | 0.82    | ppb   |
| Cobalt     | 59-2  | 38.01    | 38.82    | 39.11    | 38.65      | 1.49    | ppb   |
| Copper     | 63-2  | 149.43   | 150.79   | 154.95   | 151.72     | 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 |          |          |          | 112        |         | %     |
| Holmium    | 165-2 |          |          |          | 105        |         | %     |
| Indium     | 115-1 |          |          |          | 105        |         | %     |
| Indium     | 115-2 |          |          |          | 97         |         | %     |
| Iron       | 56-2  | 60872.59 | 61752.81 | 62871.03 | 61832.14   | 1.62    | ppb   |
| Iron       | 57-2  | 60292.75 | 61550.53 | 61502.54 | 61115.27   | 1.17    | ppb   |
| Lead       | 206-1 | 33.10    | 32.13    | 32.37    | 32.53      | 1.56    | ppb   |
| Lead       | 207-1 | 31.52    | 30.51    | 31.12    | 31.05      | 1.63    | ppb   |
| Lead       | 208-1 | 32.31    | 31.60    | 32.02    | 31.98      | 1.12    | ppb   |
| Lithium    | 6-1   |          |          |          | 103        |         | %     |
| Magnesium  | 24-2  | 7883.47  | 8138.91  | 8203.05  | 8075.14    | 2.09    | ppb   |
| Manganese  | 55-2  | 1704.21  | 1717.62  | 1763.51  | 1728.45    | 1.80    | ppb   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB94089             | Operator :        | Jaswal    |
| Lab Sample ID :         | J1988-05            | Instrumnet Name : | P8        |
| Client Sample ID :      | MJHR90              | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2018-03-22 14:52:53 | DataFile Name :   | 050SMPL.d |

| Parameter  | Mass  | ConRep1  | ConRep2  | ConRep3  | Avg. Conc. | ConcRSD | Units |
|------------|-------|----------|----------|----------|------------|---------|-------|
| Molybdenum | 94-1  | 1.57     | 1.59     | 1.74     | 1.63       | 5.81    | ppb   |
| Molybdenum | 95-1  | 0.35     | 0.42     | 0.51     | 0.43       | 18.88   | ppb   |
| Molybdenum | 96-1  | 0.69     | 0.74     | 0.71     | 0.72       | 3.33    | ppb   |
| Molybdenum | 97-1  | 0.57     | 0.30     | 0.45     | 0.44       | 30.94   | ppb   |
| Molybdenum | 98-1  | 0.39     | 0.44     | 0.51     | 0.45       | 13.12   | ppb   |
| Neodymium  | 150-1 |          |          |          |            |         | cps   |
| Neodymium  | 150-2 |          |          |          |            |         | cps   |
| Nickel     | 60-2  | 30.95    | 31.40    | 31.29    | 31.21      | 0.75    | ppb   |
| Phosphorus | 31-2  | 1607.39  | 1456.47  | 1908.37  | 1657.41    | 13.88   | ppb   |
| Potassium  | 39-2  | 2199.98  | 2343.00  | 2291.71  | 2278.23    | 3.18    | ppb   |
| Rhodium    | 103-1 |          |          |          | 104        |         | %     |
| Rhodium    | 103-2 |          |          |          | 102        |         | %     |
| Scandium   | 45-1  |          |          |          | 100        |         | %     |
| Scandium   | 45-2  |          |          |          | 91         |         | %     |
| Selenium   | 77-2  | 85.14    | 31.62    | 59.69    | 58.81      | 45.52   | ppb   |
| Selenium   | 78-2  | 8.99     | 14.31    | 8.17     | 10.49      | 31.77   | ppb   |
| Selenium   | 82-1  | 0.20     | 1.08     | 0.59     | 0.62       | 70.98   | ppb   |
| Silicon    | 28-1  | 3015.48  | 2944.09  | 3010.16  | 2989.91    | 1.33    | ppb   |
| Silver     | 109-1 | 0.23     | 0.20     | 0.23     | 0.22       | 6.29    | ppb   |
| Silver     | 107-1 | 0.23     | 0.22     | 0.22     | 0.22       | 3.10    | ppb   |
| Sodium     | 23-2  | 217.61   | 230.69   | 217.51   | 221.94     | 3.42    | ppb   |
| Strontium  | 86-1  | 128.62   | 126.53   | 126.53   | 127.23     | 0.95    | ppb   |
| Strontium  | 88-1  | 133.62   | 131.73   | 130.67   | 132.01     | 1.13    | ppb   |
| Sulfur     | 34-1  | -5967.62 | -6239.17 | -6039.16 | -6081.98   |         | ppb   |
| Terbium    | 159-1 |          |          |          | 111        |         | %     |
| Terbium    | 159-2 |          |          |          | 105        |         | %     |
| Thallium   | 203-1 | 0.16     | 0.13     | 0.16     | 0.15       | 10.72   | ppb   |
| Thallium   | 205-1 | 0.14     | 0.16     | 0.17     | 0.16       | 7.73    | ppb   |
| Tin        | 118-1 | 2.01     | 1.88     | 1.89     | 1.93       | 3.82    | ppb   |
| Titanium   | 47-1  | 113.56   | 113.78   | 115.53   | 114.29     | 0.95    | ppb   |
| Uranium    | 238-1 | 0.33     | 0.34     | 0.34     | 0.34       | 0.95    | ppb   |
| Vanadium   | 51-2  | 133.96   | 137.27   | 138.25   | 136.50     | 1.65    | ppb   |
| Yttrium    | 89-1  |          |          |          | 108        |         | %     |
| Yttrium    | 89-2  |          |          |          | 101        |         | %     |
| Zinc       | 66-2  | 190.66   | 196.23   | 198.90   | 195.26     | 2.16    | ppb   |
| Zirconium  | 90-1  | 0.83     | 0.87     | 0.80     | 0.83       | 4.30    | ppb   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB94089             | Operator :        | Jaswal    |
| Lab Sample ID :         | J1988-05            | Instrumnet Name : | P8        |
| Client Sample ID :      | MJHR90              | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2018-03-22 14:52:53 | DataFile Name :   | 050SMPL.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|-----------|------|---------|---------|---------|------------|---------|-------|
| Zirconium | 91-1 | 1.19    | 0.82    | 0.82    | 0.95       | 22.63   | ppb   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB94089             | Operator :        | Jaswal    |
| Lab Sample ID :         | J1988-06            | Instrumnet Name : | P8        |
| Client Sample ID :      | MJHR90D             | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2018-03-22 14:56:12 | DataFile Name :   | 051SMPL.d |

| Parameter  | Mass  | ConRep1  | ConRep2  | ConRep3  | Avg. Conc. | ConcRSD | Units |
|------------|-------|----------|----------|----------|------------|---------|-------|
| Aluminium  | 27-2  | 27982.04 | 29471.09 | 29633.04 | 29028.72   | 3.14    | ppb   |
| Antimony   | 121-1 | 2.42     | 2.25     | 2.35     | 2.34       | 3.69    | ppb   |
| Arsenic    | 75-2  | 51.00    | 52.49    | 53.35    | 52.28      | 2.27    | ppb   |
| Barium     | 135-1 | 264.75   | 254.23   | 254.81   | 257.93     | 2.29    | ppb   |
| Barium     | 137-1 | 264.72   | 256.51   | 256.63   | 259.29     | 1.82    | ppb   |
| Beryllium  | 9-1   | 1.37     | 1.04     | 1.14     | 1.18       | 14.35   | ppb   |
| Bismuth    | 209-1 |          |          |          | 116        |         | %     |
| Bismuth    | 209-2 |          |          |          | 110        |         | %     |
| Boron      | 10-1  | 2.77     | 3.81     | 3.94     | 3.51       | 18.36   | ppb   |
| Boron      | 11-1  | 3.76     | 3.71     | 3.88     | 3.78       | 2.35    | ppb   |
| Cadmium    | 111-1 | 0.42     | 0.30     | 0.46     | 0.39       | 22.20   | ppb   |
| Cadmium    | 106-1 | 0.11     | -1.85    | -0.48    | -0.74      |         | ppb   |
| Cadmium    | 108-1 | 0.72     | 0.57     | 0.57     | 0.62       | 13.53   | ppb   |
| Calcium    | 43-1  | 12569.29 | 12398.35 | 12266.96 | 12411.53   | 1.22    | ppb   |
| Calcium    | 44-1  | 12852.77 | 12494.76 | 12382.26 | 12576.60   | 1.95    | ppb   |
| Chromium   | 52-2  | 47.95    | 51.07    | 51.17    | 50.06      | 3.66    | ppb   |
| Cobalt     | 59-2  | 37.49    | 39.31    | 39.96    | 38.92      | 3.30    | ppb   |
| Copper     | 63-2  | 148.80   | 156.40   | 157.00   | 154.07     | 2.97    | 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 |          |          |          | 113        |         | %     |
| Holmium    | 165-2 |          |          |          | 106        |         | %     |
| Indium     | 115-1 |          |          |          | 105        |         | %     |
| Indium     | 115-2 |          |          |          | 97         |         | %     |
| Iron       | 56-2  | 60929.68 | 63482.84 | 63630.03 | 62680.85   | 2.42    | ppb   |
| Iron       | 57-2  | 59641.90 | 62374.24 | 63551.84 | 61856.00   | 3.24    | ppb   |
| Lead       | 206-1 | 35.86    | 34.52    | 34.34    | 34.91      | 2.39    | ppb   |
| Lead       | 207-1 | 33.21    | 32.57    | 32.85    | 32.87      | 0.98    | ppb   |
| Lead       | 208-1 | 34.79    | 33.73    | 33.93    | 34.15      | 1.64    | ppb   |
| Lithium    | 6-1   |          |          |          | 107        |         | %     |
| Magnesium  | 24-2  | 7956.63  | 8138.35  | 8341.93  | 8145.64    | 2.37    | ppb   |
| Manganese  | 55-2  | 1700.53  | 1776.19  | 1814.68  | 1763.80    | 3.29    | ppb   |



|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB94089             | Operator :        | Jaswal    |
| Lab Sample ID :         | J1988-06            | Instrumnet Name : | P8        |
| Client Sample ID :      | MJHR90D             | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2018-03-22 14:56:12 | DataFile Name :   | 051SMPL.d |

| Parameter  | Mass  | ConRep1  | ConRep2  | ConRep3  | Avg. Conc. | ConcRSD | Units |
|------------|-------|----------|----------|----------|------------|---------|-------|
| Molybdenum | 94-1  | 1.70     | 1.70     | 1.62     | 1.67       | 2.65    | ppb   |
| Molybdenum | 95-1  | 0.41     | 0.40     | 0.38     | 0.40       | 3.34    | ppb   |
| Molybdenum | 96-1  | 0.68     | 0.63     | 0.67     | 0.66       | 3.54    | ppb   |
| Molybdenum | 97-1  | 0.40     | 0.44     | 0.38     | 0.40       | 7.37    | ppb   |
| Molybdenum | 98-1  | 0.45     | 0.42     | 0.40     | 0.42       | 5.44    | ppb   |
| Neodymium  | 150-1 |          |          |          |            |         | cps   |
| Neodymium  | 150-2 |          |          |          |            |         | cps   |
| Nickel     | 60-2  | 30.72    | 33.27    | 34.03    | 32.68      | 5.30    | ppb   |
| Phosphorus | 31-2  | 1353.07  | 1365.51  | 1484.55  | 1401.04    | 5.18    | ppb   |
| Potassium  | 39-2  | 2231.72  | 2361.40  | 2412.81  | 2335.31    | 4.00    | ppb   |
| Rhodium    | 103-1 |          |          |          | 103        |         | %     |
| Rhodium    | 103-2 |          |          |          | 103        |         | %     |
| Scandium   | 45-1  |          |          |          | 100        |         | %     |
| Scandium   | 45-2  |          |          |          | 91         |         | %     |
| Selenium   | 77-2  | 44.41    | 72.93    | 45.56    | 54.30      | 29.73   | ppb   |
| Selenium   | 78-2  | 7.88     | 9.16     | 10.21    | 9.08       | 12.90   | ppb   |
| Selenium   | 82-1  | 0.56     | 0.17     | 0.44     | 0.39       | 52.30   | ppb   |
| Silicon    | 28-1  | 3101.85  | 3054.45  | 3027.02  | 3061.11    | 1.24    | ppb   |
| Silver     | 109-1 | 0.22     | 0.20     | 0.21     | 0.21       | 3.84    | ppb   |
| Silver     | 107-1 | 0.25     | 0.23     | 0.22     | 0.23       | 5.44    | ppb   |
| Sodium     | 23-2  | 218.71   | 245.16   | 207.61   | 223.83     | 8.62    | ppb   |
| Strontium  | 86-1  | 131.30   | 129.18   | 130.68   | 130.38     | 0.84    | ppb   |
| Strontium  | 88-1  | 136.05   | 135.87   | 133.96   | 135.29     | 0.86    | ppb   |
| Sulfur     | 34-1  | -5775.47 | -6254.98 | -6361.12 | -6130.52   |         | ppb   |
| Terbium    | 159-1 |          |          |          | 112        |         | %     |
| Terbium    | 159-2 |          |          |          | 105        |         | %     |
| Thallium   | 203-1 | 0.15     | 0.15     | 0.15     | 0.15       | 1.62    | ppb   |
| Thallium   | 205-1 | 0.15     | 0.16     | 0.12     | 0.15       | 13.57   | ppb   |
| Tin        | 118-1 | 2.09     | 1.99     | 2.03     | 2.04       | 2.38    | ppb   |
| Titanium   | 47-1  | 118.19   | 116.97   | 115.15   | 116.77     | 1.31    | ppb   |
| Uranium    | 238-1 | 0.36     | 0.37     | 0.37     | 0.37       | 0.95    | ppb   |
| Vanadium   | 51-2  | 133.37   | 140.31   | 141.95   | 138.54     | 3.29    | ppb   |
| Yttrium    | 89-1  |          |          |          | 109        |         | %     |
| Yttrium    | 89-2  |          |          |          | 101        |         | %     |
| Zinc       | 66-2  | 234.06   | 237.95   | 243.95   | 238.66     | 2.09    | ppb   |
| Zirconium  | 90-1  | 1.08     | 0.95     | 0.86     | 0.96       | 11.27   | ppb   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB94089             | Operator :        | Jaswal    |
| Lab Sample ID :         | J1988-06            | Instrumnet Name : | P8        |
| Client Sample ID :      | MJHR90D             | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2018-03-22 14:56:12 | DataFile Name :   | 051SMPL.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|-----------|------|---------|---------|---------|------------|---------|-------|
| Zirconium | 91-1 | 1.00    | 0.94    | 0.83    | 0.93       | 9.25    | ppb   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB94089             | Operator :        | Jaswal    |
| Lab Sample ID :         | J1988-05LX5         | Instrumnet Name : | P8        |
| Client Sample ID :      | MJHR90L             | Dilution Factor : | 5         |
| Date & Time Acquired :: | 2018-03-22 14:59:33 | DataFile Name :   | 052SMPL.d |

| Parameter  | Mass  | ConRep1  | ConRep2  | ConRep3  | Avg. Conc. | ConcRSD | Units |
|------------|-------|----------|----------|----------|------------|---------|-------|
| Aluminium  | 27-2  | 6033.71  | 6350.30  | 6342.19  | 6242.07    | 2.89    | ppb   |
| Antimony   | 121-1 | 0.55     | 0.52     | 0.53     | 0.53       | 3.12    | ppb   |
| Arsenic    | 75-2  | 11.41    | 12.46    | 13.08    | 12.32      | 6.86    | ppb   |
| Barium     | 135-1 | 55.63    | 53.51    | 54.46    | 54.54      | 1.95    | ppb   |
| Barium     | 137-1 | 56.33    | 53.39    | 54.09    | 54.60      | 2.81    | ppb   |
| Beryllium  | 9-1   | 0.19     | 0.30     | 0.31     | 0.27       | 24.25   | ppb   |
| Bismuth    | 209-1 |          |          |          | 115        |         | %     |
| Bismuth    | 209-2 |          |          |          | 110        |         | %     |
| Boron      | 10-1  | 1.20     | 1.52     | 0.41     | 1.04       | 54.82   | ppb   |
| Boron      | 11-1  | 1.70     | 1.45     | 1.67     | 1.61       | 8.70    | ppb   |
| Cadmium    | 111-1 | -0.07    | -0.07    | -0.09    | -0.08      |         | ppb   |
| Cadmium    | 106-1 | -2.21    | -2.17    | -2.35    | -2.24      |         | ppb   |
| Cadmium    | 108-1 | 0.07     | 0.02     | 0.15     | 0.08       | 82.83   | ppb   |
| Calcium    | 43-1  | 2655.12  | 2711.82  | 2653.17  | 2673.37    | 1.25    | ppb   |
| Calcium    | 44-1  | 2658.75  | 2596.10  | 2611.34  | 2622.06    | 1.25    | ppb   |
| Chromium   | 52-2  | 10.33    | 10.37    | 10.71    | 10.47      | 2.00    | ppb   |
| Cobalt     | 59-2  | 7.82     | 8.27     | 8.25     | 8.11       | 3.12    | ppb   |
| Copper     | 63-2  | 31.36    | 32.96    | 33.91    | 32.74      | 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 |          |          |          | 112        |         | %     |
| Holmium    | 165-2 |          |          |          | 105        |         | %     |
| Indium     | 115-1 |          |          |          | 104        |         | %     |
| Indium     | 115-2 |          |          |          | 98         |         | %     |
| Iron       | 56-2  | 13051.42 | 13488.85 | 13984.51 | 13508.26   | 3.46    | ppb   |
| Iron       | 57-2  | 12829.65 | 13239.46 | 13595.53 | 13221.55   | 2.90    | ppb   |
| Lead       | 206-1 | 7.15     | 6.97     | 7.08     | 7.07       | 1.25    | ppb   |
| Lead       | 207-1 | 6.63     | 6.73     | 6.71     | 6.69       | 0.80    | ppb   |
| Lead       | 208-1 | 6.98     | 6.86     | 6.92     | 6.92       | 0.87    | ppb   |
| Lithium    | 6-1   |          |          |          | 103        |         | %     |
| Magnesium  | 24-2  | 1722.10  | 1724.71  | 1818.23  | 1755.01    | 3.12    | ppb   |
| Manganese  | 55-2  | 360.64   | 375.49   | 388.70   | 374.95     | 3.74    | ppb   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB94089             | Operator :        | Jaswal    |
| Lab Sample ID :         | J1988-05LX5         | Instrumnet Name : | P8        |
| Client Sample ID :      | MJHR90L             | Dilution Factor : | 5         |
| Date & Time Acquired :: | 2018-03-22 14:59:33 | DataFile Name :   | 052SMPL.d |

| Parameter  | Mass  | ConRep1  | ConRep2  | ConRep3  | Avg. Conc. | ConcRSD | Units |
|------------|-------|----------|----------|----------|------------|---------|-------|
| Molybdenum | 94-1  | 0.36     | 0.39     | 0.35     | 0.36       | 4.90    | ppb   |
| Molybdenum | 95-1  | 0.09     | 0.09     | 0.08     | 0.09       | 3.75    | ppb   |
| Molybdenum | 96-1  | 0.15     | 0.20     | 0.22     | 0.19       | 18.68   | ppb   |
| Molybdenum | 97-1  | 0.08     | 0.11     | 0.13     | 0.11       | 24.69   | ppb   |
| Molybdenum | 98-1  | 0.07     | 0.11     | 0.10     | 0.09       | 20.80   | ppb   |
| Neodymium  | 150-1 |          |          |          |            |         | cps   |
| Neodymium  | 150-2 |          |          |          |            |         | cps   |
| Nickel     | 60-2  | 6.41     | 6.22     | 7.02     | 6.55       | 6.45    | ppb   |
| Phosphorus | 31-2  | 421.01   | 220.40   | 425.45   | 355.62     | 32.93   | ppb   |
| Potassium  | 39-2  | 466.42   | 481.05   | 478.71   | 475.39     | 1.65    | ppb   |
| Rhodium    | 103-1 |          |          |          | 103        |         | %     |
| Rhodium    | 103-2 |          |          |          | 102        |         | %     |
| Scandium   | 45-1  |          |          |          | 99         |         | %     |
| Scandium   | 45-2  |          |          |          | 90         |         | %     |
| Selenium   | 77-2  | 11.42    | 11.70    | -2.29    | 6.95       | 115.13  | ppb   |
| Selenium   | 78-2  | 0.71     | 0.75     | 0.80     | 0.75       | 5.90    | ppb   |
| Selenium   | 82-1  | 0.28     | -0.24    | -0.64    | -0.20      |         | ppb   |
| Silicon    | 28-1  | 668.66   | 641.38   | 652.75   | 654.26     | 2.09    | ppb   |
| Silver     | 109-1 | 0.04     | 0.06     | 0.06     | 0.06       | 22.11   | ppb   |
| Silver     | 107-1 | 0.06     | 0.05     | 0.06     | 0.05       | 3.80    | ppb   |
| Sodium     | 23-2  | 42.06    | 45.90    | 50.20    | 46.05      | 8.84    | ppb   |
| Strontium  | 86-1  | 28.67    | 27.14    | 28.06    | 27.96      | 2.74    | ppb   |
| Strontium  | 88-1  | 29.00    | 28.47    | 28.30    | 28.59      | 1.27    | ppb   |
| Sulfur     | 34-1  | -6054.86 | -6419.98 | -6205.93 | -6226.92   |         | ppb   |
| Terbium    | 159-1 |          |          |          | 111        |         | %     |
| Terbium    | 159-2 |          |          |          | 105        |         | %     |
| Thallium   | 203-1 | 0.03     | 0.03     | 0.04     | 0.03       | 9.53    | ppb   |
| Thallium   | 205-1 | 0.03     | 0.05     | 0.03     | 0.03       | 25.98   | ppb   |
| Tin        | 118-1 | 0.37     | 0.36     | 0.43     | 0.39       | 10.35   | ppb   |
| Titanium   | 47-1  | 24.54    | 25.05    | 25.01    | 24.86      | 1.15    | ppb   |
| Uranium    | 238-1 | 0.07     | 0.08     | 0.07     | 0.07       | 10.76   | ppb   |
| Vanadium   | 51-2  | 28.07    | 30.29    | 30.02    | 29.46      | 4.12    | ppb   |
| Yttrium    | 89-1  |          |          |          | 104        |         | %     |
| Yttrium    | 89-2  |          |          |          | 98         |         | %     |
| Zinc       | 66-2  | 41.43    | 40.08    | 43.33    | 41.61      | 3.92    | ppb   |
| Zirconium  | 90-1  | 0.20     | 0.19     | 0.20     | 0.20       | 4.14    | ppb   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB94089             | Operator :        | Jaswal    |
| Lab Sample ID :         | J1988-05LX5         | Instrumnet Name : | P8        |
| Client Sample ID :      | MJHR90L             | Dilution Factor : | 5         |
| Date & Time Acquired :: | 2018-03-22 14:59:33 | DataFile Name :   | 052SMPL.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|-----------|------|---------|---------|---------|------------|---------|-------|
| Zirconium | 91-1 | 0.19    | 0.15    | 0.16    | 0.17       | 10.95   | ppb   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB94089             | Operator :        | Jaswal    |
| Lab Sample ID :         | J1988-07            | Instrumnet Name : | P8        |
| Client Sample ID :      | MJHR90S             | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2018-03-22 15:02:52 | DataFile Name :   | 053SMPL.d |

| Parameter  | Mass  | ConRep1  | ConRep2  | ConRep3  | Avg. Conc. | ConcRSD | Units |
|------------|-------|----------|----------|----------|------------|---------|-------|
| Aluminium  | 27-2  | 26557.02 | 26846.18 | 26352.64 | 26585.28   | 0.93    | ppb   |
| Antimony   | 121-1 | 19.60    | 19.42    | 19.41    | 19.48      | 0.55    | ppb   |
| Arsenic    | 75-2  | 53.63    | 55.03    | 56.60    | 55.08      | 2.70    | ppb   |
| Barium     | 135-1 | 585.73   | 578.74   | 580.65   | 581.71     | 0.62    | ppb   |
| Barium     | 137-1 | 591.16   | 585.73   | 578.93   | 585.27     | 1.05    | ppb   |
| Beryllium  | 9-1   | 9.00     | 8.91     | 9.11     | 9.01       | 1.12    | ppb   |
| Bismuth    | 209-1 |          |          |          | 114        |         | %     |
| Bismuth    | 209-2 |          |          |          | 109        |         | %     |
| Boron      | 10-1  | 2.37     | 3.04     | 3.21     | 2.88       | 15.59   | ppb   |
| Boron      | 11-1  | 3.35     | 2.75     | 2.97     | 3.02       | 10.03   | ppb   |
| Cadmium    | 111-1 | 8.62     | 8.70     | 8.75     | 8.69       | 0.71    | ppb   |
| Cadmium    | 106-1 | 4.72     | 5.27     | 5.35     | 5.12       | 6.69    | ppb   |
| Cadmium    | 108-1 | 7.05     | 8.94     | 9.01     | 8.33       | 13.38   | ppb   |
| Calcium    | 43-1  | 11279.90 | 11056.26 | 11092.84 | 11143.00   | 1.08    | ppb   |
| Calcium    | 44-1  | 11570.25 | 11228.43 | 11491.07 | 11429.92   | 1.57    | ppb   |
| Chromium   | 52-2  | 78.20    | 80.60    | 79.29    | 79.36      | 1.51    | ppb   |
| Cobalt     | 59-2  | 123.72   | 125.68   | 124.08   | 124.49     | 0.84    | ppb   |
| Copper     | 63-2  | 180.61   | 186.39   | 182.30   | 183.10     | 1.62    | 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 |          |          |          | 112        |         | %     |
| Holmium    | 165-2 |          |          |          | 104        |         | %     |
| Indium     | 115-1 |          |          |          | 105        |         | %     |
| Indium     | 115-2 |          |          |          | 96         |         | %     |
| Iron       | 56-2  | 55903.92 | 56566.50 | 55834.82 | 56101.75   | 0.72    | ppb   |
| Iron       | 57-2  | 54514.67 | 55560.98 | 54603.83 | 54893.16   | 1.06    | ppb   |
| Lead       | 206-1 | 35.94    | 34.57    | 35.31    | 35.27      | 1.95    | ppb   |
| Lead       | 207-1 | 34.51    | 33.06    | 33.97    | 33.85      | 2.17    | ppb   |
| Lead       | 208-1 | 35.32    | 34.07    | 34.86    | 34.75      | 1.81    | ppb   |
| Lithium    | 6-1   |          |          |          | 105        |         | %     |
| Magnesium  | 24-2  | 7229.06  | 7399.93  | 7306.48  | 7311.82    | 1.17    | ppb   |
| Manganese  | 55-2  | 1641.57  | 1685.85  | 1659.23  | 1662.22    | 1.34    | ppb   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB94089             | Operator :        | Jaswal    |
| Lab Sample ID :         | J1988-07            | Instrumnet Name : | P8        |
| Client Sample ID :      | MJHR90S             | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2018-03-22 15:02:52 | DataFile Name :   | 053SMPL.d |

| Parameter  | Mass  | ConRep1  | ConRep2  | ConRep3  | Avg. Conc. | ConcRSD | Units |
|------------|-------|----------|----------|----------|------------|---------|-------|
| Molybdenum | 94-1  | 1.50     | 1.60     | 1.43     | 1.51       | 5.43    | ppb   |
| Molybdenum | 95-1  | 0.39     | 0.33     | 0.37     | 0.36       | 9.09    | ppb   |
| Molybdenum | 96-1  | 0.58     | 0.60     | 0.70     | 0.62       | 10.61   | ppb   |
| Molybdenum | 97-1  | 0.35     | 0.34     | 0.37     | 0.36       | 4.42    | ppb   |
| Molybdenum | 98-1  | 0.37     | 0.40     | 0.40     | 0.39       | 4.44    | ppb   |
| Neodymium  | 150-1 |          |          |          |            |         | cps   |
| Neodymium  | 150-2 |          |          |          |            |         | cps   |
| Nickel     | 60-2  | 119.45   | 120.70   | 118.75   | 119.63     | 0.83    | ppb   |
| Phosphorus | 31-2  | 1039.84  | 1525.43  | 1445.70  | 1336.99    | 19.48   | ppb   |
| Potassium  | 39-2  | 2154.80  | 2129.55  | 2097.10  | 2127.15    | 1.36    | ppb   |
| Rhodium    | 103-1 |          |          |          | 104        |         | %     |
| Rhodium    | 103-2 |          |          |          | 102        |         | %     |
| Scandium   | 45-1  |          |          |          | 99         |         | %     |
| Scandium   | 45-2  |          |          |          | 91         |         | %     |
| Selenium   | 77-2  | 65.25    | 51.88    | 39.08    | 52.07      | 25.13   | ppb   |
| Selenium   | 78-2  | 30.96    | 31.03    | 30.56    | 30.85      | 0.81    | ppb   |
| Selenium   | 82-1  | 18.35    | 17.64    | 17.26    | 17.75      | 3.12    | ppb   |
| Silicon    | 28-1  | 2850.61  | 2772.65  | 2793.28  | 2805.52    | 1.44    | ppb   |
| Silver     | 109-1 | 8.59     | 8.41     | 8.62     | 8.54       | 1.34    | ppb   |
| Silver     | 107-1 | 8.86     | 8.51     | 8.68     | 8.68       | 2.05    | ppb   |
| Sodium     | 23-2  | 200.06   | 192.36   | 178.31   | 190.24     | 5.79    | ppb   |
| Strontium  | 86-1  | 117.57   | 116.63   | 118.40   | 117.53     | 0.75    | ppb   |
| Strontium  | 88-1  | 122.33   | 120.94   | 120.36   | 121.21     | 0.83    | ppb   |
| Sulfur     | 34-1  | -5789.73 | -6231.55 | -6038.08 | -6019.78   |         | ppb   |
| Terbium    | 159-1 |          |          |          | 111        |         | %     |
| Terbium    | 159-2 |          |          |          | 104        |         | %     |
| Thallium   | 203-1 | 8.90     | 8.50     | 8.61     | 8.67       | 2.36    | ppb   |
| Thallium   | 205-1 | 8.80     | 8.59     | 8.82     | 8.74       | 1.48    | ppb   |
| Tin        | 118-1 | 1.76     | 2.00     | 1.83     | 1.86       | 6.57    | ppb   |
| Titanium   | 47-1  | 104.28   | 104.10   | 103.57   | 103.98     | 0.35    | ppb   |
| Uranium    | 238-1 | 0.33     | 0.33     | 0.32     | 0.32       | 1.83    | ppb   |
| Vanadium   | 51-2  | 206.94   | 211.39   | 207.35   | 208.56     | 1.18    | ppb   |
| Yttrium    | 89-1  |          |          |          | 108        |         | %     |
| Yttrium    | 89-2  |          |          |          | 101        |         | %     |
| Zinc       | 66-2  | 279.03   | 277.31   | 276.34   | 277.56     | 0.49    | ppb   |
| Zirconium  | 90-1  | 0.81     | 0.79     | 0.79     | 0.80       | 1.66    | ppb   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB94089             | Operator :        | Jaswal    |
| Lab Sample ID :         | J1988-07            | Instrumnet Name : | P8        |
| Client Sample ID :      | MJHR90S             | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2018-03-22 15:02:52 | DataFile Name :   | 053SMPL.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|-----------|------|---------|---------|---------|------------|---------|-------|
| Zirconium | 91-1 | 0.93    | 0.89    | 0.69    | 0.84       | 15.28   | ppb   |



|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB94089             | Operator :        | Jaswal    |
| Lab Sample ID :         | J1988-08            | Instrumnet Name : | P8        |
| Client Sample ID :      | MJHR91              | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2018-03-22 15:06:11 | DataFile Name :   | 054SMPL.d |

| Parameter  | Mass  | ConRep1  | ConRep2  | ConRep3  | Avg. Conc. | ConcRSD | Units |
|------------|-------|----------|----------|----------|------------|---------|-------|
| Aluminium  | 27-2  | 26683.36 | 25585.41 | 27137.33 | 26468.70   | 3.01    | ppb   |
| Antimony   | 121-1 | 4.39     | 4.45     | 4.32     | 4.39       | 1.47    | ppb   |
| Arsenic    | 75-2  | 63.78    | 61.28    | 61.91    | 62.32      | 2.08    | ppb   |
| Barium     | 135-1 | 264.85   | 263.04   | 256.68   | 261.52     | 1.64    | ppb   |
| Barium     | 137-1 | 267.35   | 265.20   | 262.08   | 264.88     | 1.00    | ppb   |
| Beryllium  | 9-1   | 0.82     | 0.83     | 0.93     | 0.86       | 6.72    | ppb   |
| Bismuth    | 209-1 |          |          |          | 114        |         | %     |
| Bismuth    | 209-2 |          |          |          | 109        |         | %     |
| Boron      | 10-1  | 3.21     | 3.86     | 3.93     | 3.67       | 10.83   | ppb   |
| Boron      | 11-1  | 4.00     | 3.54     | 3.77     | 3.77       | 6.14    | ppb   |
| Cadmium    | 111-1 | 0.30     | 0.44     | 0.34     | 0.36       | 20.22   | ppb   |
| Cadmium    | 106-1 | -1.80    | 0.26     | -1.85    | -1.13      |         | ppb   |
| Cadmium    | 108-1 | 0.50     | 0.76     | 0.62     | 0.63       | 20.60   | ppb   |
| Calcium    | 43-1  | 12610.38 | 12650.29 | 12288.82 | 12516.50   | 1.58    | ppb   |
| Calcium    | 44-1  | 12593.82 | 12863.92 | 12534.92 | 12664.22   | 1.39    | ppb   |
| Chromium   | 52-2  | 111.13   | 105.50   | 107.95   | 108.19     | 2.61    | ppb   |
| Cobalt     | 59-2  | 37.83    | 36.49    | 37.33    | 37.22      | 1.81    | ppb   |
| Copper     | 63-2  | 124.49   | 122.53   | 125.81   | 124.28     | 1.33    | ppb   |
| Dysprosium | 156-1 |          |          |          |            |         | cps   |
| Dysprosium | 156-2 |          |          |          |            |         | cps   |
| Erbium     | 164-1 |          |          |          |            |         | cps   |
| Erbium     | 164-2 |          |          |          |            |         | cps   |
| Gadolinium | 160-1 |          |          |          |            |         | cps   |
| Gadolinium | 160-2 |          |          |          |            |         | cps   |
| Holmium    | 165-1 |          |          |          | 111        |         | %     |
| Holmium    | 165-2 |          |          |          | 104        |         | %     |
| Indium     | 115-1 |          |          |          | 103        |         | %     |
| Indium     | 115-2 |          |          |          | 97         |         | %     |
| Iron       | 56-2  | 54781.74 | 52654.79 | 54512.08 | 53982.87   | 2.15    | ppb   |
| Iron       | 57-2  | 53739.05 | 52148.28 | 54313.35 | 53400.22   | 2.10    | ppb   |
| Lead       | 206-1 | 78.92    | 79.09    | 77.31    | 78.44      | 1.25    | ppb   |
| Lead       | 207-1 | 74.15    | 73.38    | 71.08    | 72.87      | 2.19    | ppb   |
| Lead       | 208-1 | 76.99    | 76.73    | 74.58    | 76.10      | 1.74    | ppb   |
| Lithium    | 6-1   |          |          |          | 104        |         | %     |
| Magnesium  | 24-2  | 7523.24  | 7287.75  | 7539.07  | 7450.02    | 1.89    | ppb   |
| Manganese  | 55-2  | 2104.96  | 2038.60  | 2097.18  | 2080.25    | 1.74    | ppb   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB94089             | Operator :        | Jaswal    |
| Lab Sample ID :         | J1988-08            | Instrumnet Name : | P8        |
| Client Sample ID :      | MJHR91              | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2018-03-22 15:06:11 | DataFile Name :   | 054SMPL.d |

| Parameter  | Mass  | ConRep1  | ConRep2  | ConRep3  | Avg. Conc. | ConcRSD | Units |
|------------|-------|----------|----------|----------|------------|---------|-------|
| Molybdenum | 94-1  | 1.30     | 1.42     | 1.30     | 1.34       | 5.06    | ppb   |
| Molybdenum | 95-1  | 0.48     | 0.45     | 0.45     | 0.46       | 3.72    | ppb   |
| Molybdenum | 96-1  | 0.71     | 0.67     | 0.75     | 0.71       | 5.07    | ppb   |
| Molybdenum | 97-1  | 0.41     | 0.43     | 0.43     | 0.43       | 2.48    | ppb   |
| Molybdenum | 98-1  | 0.50     | 0.46     | 0.49     | 0.48       | 4.71    | ppb   |
| Neodymium  | 150-1 |          |          |          |            |         | cps   |
| Neodymium  | 150-2 |          |          |          |            |         | cps   |
| Nickel     | 60-2  | 29.60    | 29.72    | 30.44    | 29.92      | 1.51    | ppb   |
| Phosphorus | 31-2  | 2569.67  | 1771.36  | 2513.21  | 2284.75    | 19.50   | ppb   |
| Potassium  | 39-2  | 2585.07  | 2638.23  | 2637.97  | 2620.43    | 1.17    | ppb   |
| Rhodium    | 103-1 |          |          |          | 102        |         | %     |
| Rhodium    | 103-2 |          |          |          | 101        |         | %     |
| Scandium   | 45-1  |          |          |          | 98         |         | %     |
| Scandium   | 45-2  |          |          |          | 90         |         | %     |
| Selenium   | 77-2  | 25.43    | 39.02    | 32.67    | 32.37      | 21.01   | ppb   |
| Selenium   | 78-2  | 8.24     | 7.10     | 6.15     | 7.16       | 14.55   | ppb   |
| Selenium   | 82-1  | 0.44     | 0.38     | 0.55     | 0.46       | 18.82   | ppb   |
| Silicon    | 28-1  | 1556.06  | 1612.58  | 1555.74  | 1574.79    | 2.08    | ppb   |
| Silver     | 109-1 | 0.19     | 0.17     | 0.17     | 0.18       | 5.87    | ppb   |
| Silver     | 107-1 | 0.18     | 0.19     | 0.18     | 0.18       | 3.36    | ppb   |
| Sodium     | 23-2  | 197.33   | 194.67   | 201.04   | 197.68     | 1.62    | ppb   |
| Strontium  | 86-1  | 142.12   | 143.73   | 140.02   | 141.96     | 1.31    | ppb   |
| Strontium  | 88-1  | 147.05   | 147.61   | 144.47   | 146.38     | 1.14    | ppb   |
| Sulfur     | 34-1  | -5703.91 | -5685.85 | -5862.69 | -5750.82   |         | ppb   |
| Terbium    | 159-1 |          |          |          | 110        |         | %     |
| Terbium    | 159-2 |          |          |          | 104        |         | %     |
| Thallium   | 203-1 | 0.14     | 0.16     | 0.14     | 0.15       | 11.33   | ppb   |
| Thallium   | 205-1 | 0.16     | 0.15     | 0.14     | 0.15       | 6.68    | ppb   |
| Tin        | 118-1 | 10.45    | 10.22    | 10.26    | 10.31      | 1.17    | ppb   |
| Titanium   | 47-1  | 117.81   | 117.52   | 139.36   | 124.90     | 10.03   | ppb   |
| Uranium    | 238-1 | 0.31     | 0.31     | 0.32     | 0.31       | 1.04    | ppb   |
| Vanadium   | 51-2  | 120.80   | 117.17   | 121.74   | 119.90     | 2.01    | ppb   |
| Yttrium    | 89-1  |          |          |          | 106        |         | %     |
| Yttrium    | 89-2  |          |          |          | 99         |         | %     |
| Zinc       | 66-2  | 373.91   | 360.83   | 372.70   | 369.15     | 1.96    | ppb   |
| Zirconium  | 90-1  | 0.58     | 0.63     | 0.60     | 0.61       | 3.92    | ppb   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB94089             | Operator :        | Jaswal    |
| Lab Sample ID :         | J1988-08            | Instrumnet Name : | P8        |
| Client Sample ID :      | MJHR91              | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2018-03-22 15:06:11 | DataFile Name :   | 054SMPL.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|-----------|------|---------|---------|---------|------------|---------|-------|
| Zirconium | 91-1 | 0.56    | 0.65    | 0.63    | 0.61       | 7.93    | ppb   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB94089             | Operator :        | Jaswal    |
| Lab Sample ID :         | J1988-09            | Instrumnet Name : | P8        |
| Client Sample ID :      | MJHR92              | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2018-03-22 15:09:30 | DataFile Name :   | 055SMPL.d |

| Parameter  | Mass  | ConRep1  | ConRep2  | ConRep3  | Avg. Conc. | ConcRSD | Units |
|------------|-------|----------|----------|----------|------------|---------|-------|
| Aluminium  | 27-2  | 29136.74 | 28263.57 | 27820.90 | 28407.07   | 2.36    | ppb   |
| Antimony   | 121-1 | 2.02     | 2.16     | 2.06     | 2.08       | 3.56    | ppb   |
| Arsenic    | 75-2  | 51.92    | 51.42    | 50.38    | 51.24      | 1.53    | ppb   |
| Barium     | 135-1 | 252.83   | 259.24   | 249.42   | 253.83     | 1.96    | ppb   |
| Barium     | 137-1 | 254.00   | 260.41   | 251.83   | 255.41     | 1.75    | ppb   |
| Beryllium  | 9-1   | 1.64     | 1.68     | 1.71     | 1.68       | 1.95    | ppb   |
| Bismuth    | 209-1 |          |          |          | 112        |         | %     |
| Bismuth    | 209-2 |          |          |          | 108        |         | %     |
| Boron      | 10-1  | 3.09     | 2.90     | 2.87     | 2.95       | 4.14    | ppb   |
| Boron      | 11-1  | 2.69     | 2.59     | 2.58     | 2.62       | 2.38    | ppb   |
| Cadmium    | 111-1 | 0.31     | 0.34     | 0.33     | 0.33       | 4.67    | ppb   |
| Cadmium    | 106-1 | -0.37    | -0.60    | -0.62    | -0.53      |         | ppb   |
| Cadmium    | 108-1 | 0.41     | 0.65     | 0.88     | 0.65       | 36.57   | ppb   |
| Calcium    | 43-1  | 9823.97  | 9959.79  | 9834.89  | 9872.89    | 0.76    | ppb   |
| Calcium    | 44-1  | 10129.33 | 10269.69 | 9979.41  | 10126.14   | 1.43    | ppb   |
| Chromium   | 52-2  | 60.94    | 58.98    | 58.60    | 59.51      | 2.12    | ppb   |
| Cobalt     | 59-2  | 43.11    | 41.98    | 42.18    | 42.42      | 1.43    | ppb   |
| Copper     | 63-2  | 139.42   | 135.63   | 134.91   | 136.66     | 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 |          |          |          | 111        |         | %     |
| Holmium    | 165-2 |          |          |          | 104        |         | %     |
| Indium     | 115-1 |          |          |          | 102        |         | %     |
| Indium     | 115-2 |          |          |          | 97         |         | %     |
| Iron       | 56-2  | 69455.70 | 67353.69 | 66850.28 | 67886.55   | 2.04    | ppb   |
| Iron       | 57-2  | 68214.37 | 66752.33 | 66442.13 | 67136.27   | 1.41    | ppb   |
| Lead       | 206-1 | 31.49    | 32.36    | 31.95    | 31.93      | 1.36    | ppb   |
| Lead       | 207-1 | 29.51    | 29.98    | 29.17    | 29.55      | 1.38    | ppb   |
| Lead       | 208-1 | 30.51    | 31.41    | 30.75    | 30.89      | 1.52    | ppb   |
| Lithium    | 6-1   |          |          |          | 104        |         | %     |
| Magnesium  | 24-2  | 7513.35  | 7252.60  | 7142.33  | 7302.76    | 2.61    | ppb   |
| Manganese  | 55-2  | 2335.60  | 2271.81  | 2251.02  | 2286.14    | 1.93    | ppb   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB94089             | Operator :        | Jaswal    |
| Lab Sample ID :         | J1988-09            | Instrumnet Name : | P8        |
| Client Sample ID :      | MJHR92              | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2018-03-22 15:09:30 | DataFile Name :   | 055SMPL.d |

| Parameter  | Mass  | ConRep1  | ConRep2  | ConRep3  | Avg. Conc. | ConcRSD | Units |
|------------|-------|----------|----------|----------|------------|---------|-------|
| Molybdenum | 94-1  | 1.10     | 1.25     | 1.22     | 1.19       | 6.75    | ppb   |
| Molybdenum | 95-1  | 0.53     | 0.45     | 0.48     | 0.49       | 8.26    | ppb   |
| Molybdenum | 96-1  | 0.83     | 0.79     | 0.78     | 0.80       | 3.68    | ppb   |
| Molybdenum | 97-1  | 0.54     | 0.51     | 0.46     | 0.51       | 8.17    | ppb   |
| Molybdenum | 98-1  | 0.50     | 0.56     | 0.55     | 0.54       | 5.88    | ppb   |
| Neodymium  | 150-1 |          |          |          |            |         | cps   |
| Neodymium  | 150-2 |          |          |          |            |         | cps   |
| Nickel     | 60-2  | 32.96    | 31.37    | 30.93    | 31.75      | 3.36    | ppb   |
| Phosphorus | 31-2  | 1778.48  | 1788.41  | 1937.75  | 1834.88    | 4.86    | ppb   |
| Potassium  | 39-2  | 1741.03  | 1766.70  | 1743.90  | 1750.54    | 0.80    | ppb   |
| Rhodium    | 103-1 |          |          |          | 103        |         | %     |
| Rhodium    | 103-2 |          |          |          | 102        |         | %     |
| Scandium   | 45-1  |          |          |          | 98         |         | %     |
| Scandium   | 45-2  |          |          |          | 91         |         | %     |
| Selenium   | 77-2  | 73.01    | 72.40    | 45.05    | 63.49      | 25.16   | ppb   |
| Selenium   | 78-2  | 13.41    | 5.94     | 10.09    | 9.81       | 38.14   | ppb   |
| Selenium   | 82-1  | 0.33     | 0.56     | 0.32     | 0.40       | 33.38   | ppb   |
| Silicon    | 28-1  | 1356.14  | 1406.28  | 1338.59  | 1367.00    | 2.57    | ppb   |
| Silver     | 109-1 | 0.12     | 0.10     | 0.10     | 0.11       | 9.03    | ppb   |
| Silver     | 107-1 | 0.13     | 0.13     | 0.12     | 0.13       | 2.62    | ppb   |
| Sodium     | 23-2  | 156.07   | 161.56   | 154.73   | 157.45     | 2.30    | ppb   |
| Strontium  | 86-1  | 122.34   | 123.48   | 122.72   | 122.85     | 0.47    | ppb   |
| Strontium  | 88-1  | 127.40   | 127.72   | 126.30   | 127.14     | 0.59    | ppb   |
| Sulfur     | 34-1  | -5801.88 | -5715.05 | -6005.61 | -5840.85   |         | ppb   |
| Terbium    | 159-1 |          |          |          | 109        |         | %     |
| Terbium    | 159-2 |          |          |          | 104        |         | %     |
| Thallium   | 203-1 | 0.12     | 0.12     | 0.11     | 0.12       | 6.89    | ppb   |
| Thallium   | 205-1 | 0.14     | 0.13     | 0.13     | 0.13       | 4.01    | ppb   |
| Tin        | 118-1 | 2.41     | 2.49     | 2.37     | 2.42       | 2.41    | ppb   |
| Titanium   | 47-1  | 123.32   | 125.92   | 123.03   | 124.09     | 1.28    | ppb   |
| Uranium    | 238-1 | 0.48     | 0.48     | 0.49     | 0.48       | 1.89    | ppb   |
| Vanadium   | 51-2  | 153.74   | 148.37   | 145.28   | 149.13     | 2.87    | ppb   |
| Yttrium    | 89-1  |          |          |          | 108        |         | %     |
| Yttrium    | 89-2  |          |          |          | 101        |         | %     |
| Zinc       | 66-2  | 176.30   | 174.90   | 170.53   | 173.91     | 1.73    | ppb   |
| Zirconium  | 90-1  | 0.61     | 0.57     | 0.57     | 0.58       | 3.35    | ppb   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB94089             | Operator :        | Jaswal    |
| Lab Sample ID :         | J1988-09            | Instrumnet Name : | P8        |
| Client Sample ID :      | MJHR92              | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2018-03-22 15:09:30 | DataFile Name :   | 055SMPL.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|-----------|------|---------|---------|---------|------------|---------|-------|
| Zirconium | 91-1 | 0.67    | 0.64    | 0.58    | 0.63       | 7.24    | ppb   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB94089             | Operator :        | Jaswal    |
| Lab Sample ID :         | J1988-10            | Instrumnet Name : | P8        |
| Client Sample ID :      | MJHR93              | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2018-03-22 15:12:47 | DataFile Name :   | 056SMPL.d |

| Parameter  | Mass  | ConRep1  | ConRep2  | ConRep3  | Avg. Conc. | ConcRSD | Units |
|------------|-------|----------|----------|----------|------------|---------|-------|
| Aluminium  | 27-2  | 25801.43 | 23031.51 | 23153.35 | 23995.43   | 6.52    | ppb   |
| Antimony   | 121-1 | 2.30     | 2.44     | 2.44     | 2.39       | 3.36    | ppb   |
| Arsenic    | 75-2  | 62.37    | 53.68    | 53.53    | 56.53      | 8.96    | ppb   |
| Barium     | 135-1 | 241.60   | 248.11   | 248.78   | 246.17     | 1.61    | ppb   |
| Barium     | 137-1 | 247.34   | 249.80   | 248.77   | 248.64     | 0.50    | ppb   |
| Beryllium  | 9-1   | 0.66     | 0.76     | 0.64     | 0.69       | 9.24    | ppb   |
| Bismuth    | 209-1 |          |          |          | 112        |         | %     |
| Bismuth    | 209-2 |          |          |          | 103        |         | %     |
| Boron      | 10-1  | 3.26     | 2.32     | 2.05     | 2.55       | 24.94   | ppb   |
| Boron      | 11-1  | 2.60     | 2.24     | 3.02     | 2.62       | 14.77   | ppb   |
| Cadmium    | 111-1 | 0.39     | 0.39     | 0.46     | 0.41       | 10.62   | ppb   |
| Cadmium    | 106-1 | -0.40    | -1.22    | -0.54    | -0.72      |         | ppb   |
| Cadmium    | 108-1 | 0.58     | 0.85     | 0.50     | 0.65       | 28.16   | ppb   |
| Calcium    | 43-1  | 10351.71 | 10686.41 | 10587.00 | 10541.71   | 1.63    | ppb   |
| Calcium    | 44-1  | 10642.88 | 10957.41 | 10636.14 | 10745.48   | 1.71    | ppb   |
| Chromium   | 52-2  | 51.88    | 47.22    | 46.09    | 48.40      | 6.34    | ppb   |
| Cobalt     | 59-2  | 34.50    | 31.76    | 31.32    | 32.53      | 5.29    | ppb   |
| Copper     | 63-2  | 110.61   | 101.05   | 99.40    | 103.68     | 5.84    | 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 |          |          |          | 110        |         | %     |
| Holmium    | 165-2 |          |          |          | 101        |         | %     |
| Indium     | 115-1 |          |          |          | 103        |         | %     |
| Indium     | 115-2 |          |          |          | 93         |         | %     |
| Iron       | 56-2  | 62149.17 | 57441.84 | 56882.54 | 58824.52   | 4.92    | ppb   |
| Iron       | 57-2  | 61616.24 | 56407.62 | 55536.64 | 57853.50   | 5.68    | ppb   |
| Lead       | 206-1 | 47.49    | 48.78    | 48.26    | 48.18      | 1.35    | ppb   |
| Lead       | 207-1 | 43.45    | 44.82    | 43.82    | 44.03      | 1.61    | ppb   |
| Lead       | 208-1 | 45.24    | 46.98    | 46.25    | 46.16      | 1.89    | ppb   |
| Lithium    | 6-1   |          |          |          | 105        |         | %     |
| Magnesium  | 24-2  | 11957.92 | 10940.04 | 10847.80 | 11248.59   | 5.48    | ppb   |
| Manganese  | 55-2  | 1930.24  | 1775.63  | 1749.25  | 1818.37    | 5.38    | ppb   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB94089             | Operator :        | Jaswal    |
| Lab Sample ID :         | J1988-10            | Instrumnet Name : | P8        |
| Client Sample ID :      | MJHR93              | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2018-03-22 15:12:47 | DataFile Name :   | 056SMPL.d |

| Parameter  | Mass  | ConRep1  | ConRep2  | ConRep3  | Avg. Conc. | ConcRSD | Units |
|------------|-------|----------|----------|----------|------------|---------|-------|
| Molybdenum | 94-1  | 1.07     | 1.20     | 1.05     | 1.11       | 7.55    | ppb   |
| Molybdenum | 95-1  | 0.38     | 0.43     | 0.45     | 0.42       | 8.21    | ppb   |
| Molybdenum | 96-1  | 0.67     | 0.60     | 0.73     | 0.67       | 9.42    | ppb   |
| Molybdenum | 97-1  | 0.40     | 0.46     | 0.39     | 0.42       | 8.74    | ppb   |
| Molybdenum | 98-1  | 0.42     | 0.47     | 0.50     | 0.46       | 8.36    | ppb   |
| Neodymium  | 150-1 |          |          |          |            |         | cps   |
| Neodymium  | 150-2 |          |          |          |            |         | cps   |
| Nickel     | 60-2  | 29.97    | 25.85    | 26.37    | 27.40      | 8.18    | ppb   |
| Phosphorus | 31-2  | 1957.15  | 1096.46  | 1134.04  | 1395.88    | 34.85   | ppb   |
| Potassium  | 39-2  | 1586.70  | 1492.18  | 1409.82  | 1496.24    | 5.92    | ppb   |
| Rhodium    | 103-1 |          |          |          | 102        |         | %     |
| Rhodium    | 103-2 |          |          |          | 99         |         | %     |
| Scandium   | 45-1  |          |          |          | 98         |         | %     |
| Scandium   | 45-2  |          |          |          | 88         |         | %     |
| Selenium   | 77-2  | 20.81    | 11.70    | 18.62    | 17.04      | 27.90   | ppb   |
| Selenium   | 78-2  | 2.17     | 5.07     | 3.98     | 3.74       | 39.27   | ppb   |
| Selenium   | 82-1  | -0.13    | -0.09    | 0.68     | 0.15       | 303.41  | ppb   |
| Silicon    | 28-1  | 1302.86  | 1355.72  | 1315.25  | 1324.61    | 2.09    | ppb   |
| Silver     | 109-1 | 0.13     | 0.14     | 0.13     | 0.13       | 5.44    | ppb   |
| Silver     | 107-1 | 0.12     | 0.15     | 0.13     | 0.13       | 14.26   | ppb   |
| Sodium     | 23-2  | 661.77   | 593.87   | 570.58   | 608.74     | 7.78    | ppb   |
| Strontium  | 86-1  | 95.72    | 100.39   | 99.81    | 98.64      | 2.58    | ppb   |
| Strontium  | 88-1  | 101.96   | 103.90   | 104.10   | 103.32     | 1.14    | ppb   |
| Sulfur     | 34-1  | -5889.11 | -5610.21 | -5925.42 | -5808.25   |         | ppb   |
| Terbium    | 159-1 |          |          |          | 109        |         | %     |
| Terbium    | 159-2 |          |          |          | 99         |         | %     |
| Thallium   | 203-1 | 0.10     | 0.10     | 0.10     | 0.10       | 2.14    | ppb   |
| Thallium   | 205-1 | 0.10     | 0.08     | 0.10     | 0.09       | 10.15   | ppb   |
| Tin        | 118-1 | 1.33     | 1.38     | 1.33     | 1.35       | 2.23    | ppb   |
| Titanium   | 47-1  | 140.31   | 143.23   | 139.80   | 141.11     | 1.31    | ppb   |
| Uranium    | 238-1 | 0.32     | 0.33     | 0.33     | 0.33       | 1.58    | ppb   |
| Vanadium   | 51-2  | 128.39   | 116.04   | 116.14   | 120.19     | 5.91    | ppb   |
| Yttrium    | 89-1  |          |          |          | 104        |         | %     |
| Yttrium    | 89-2  |          |          |          | 95         |         | %     |
| Zinc       | 66-2  | 217.60   | 203.85   | 195.66   | 205.70     | 5.39    | ppb   |
| Zirconium  | 90-1  | 0.49     | 0.54     | 0.54     | 0.52       | 4.98    | ppb   |



|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB94089             | Operator :        | Jaswal    |
| Lab Sample ID :         | J1988-10            | Instrumnet Name : | P8        |
| Client Sample ID :      | MJHR93              | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2018-03-22 15:12:47 | DataFile Name :   | 056SMPL.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|-----------|------|---------|---------|---------|------------|---------|-------|
| Zirconium | 91-1 | 0.45    | 0.51    | 0.56    | 0.51       | 10.24   | ppb   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB94089             | Operator :        | Jaswal    |
| Lab Sample ID :         | J1988-11            | Instrumnet Name : | P8        |
| Client Sample ID :      | MJHR94              | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2018-03-22 15:16:07 | DataFile Name :   | 057SMPL.d |

| Parameter  | Mass  | ConRep1  | ConRep2  | ConRep3  | Avg. Conc. | ConcRSD | Units |
|------------|-------|----------|----------|----------|------------|---------|-------|
| Aluminium  | 27-2  | 21687.46 | 20385.42 | 20485.51 | 20852.80   | 3.47    | ppb   |
| Antimony   | 121-1 | 2.04     | 2.06     | 2.07     | 2.06       | 0.85    | ppb   |
| Arsenic    | 75-2  | 59.55    | 57.29    | 60.67    | 59.17      | 2.91    | ppb   |
| Barium     | 135-1 | 276.90   | 278.11   | 284.92   | 279.98     | 1.54    | ppb   |
| Barium     | 137-1 | 274.67   | 283.02   | 285.90   | 281.20     | 2.07    | ppb   |
| Beryllium  | 9-1   | 1.04     | 1.01     | 1.27     | 1.11       | 12.97   | ppb   |
| Bismuth    | 209-1 |          |          |          | 113        |         | %     |
| Bismuth    | 209-2 |          |          |          | 105        |         | %     |
| Boron      | 10-1  | 1.68     | 2.78     | 2.95     | 2.47       | 27.95   | ppb   |
| Boron      | 11-1  | 2.45     | 2.93     | 2.12     | 2.50       | 16.29   | ppb   |
| Cadmium    | 111-1 | 0.47     | 0.51     | 0.40     | 0.46       | 11.82   | ppb   |
| Cadmium    | 106-1 | -1.95    | -1.23    | -1.85    | -1.68      |         | ppb   |
| Cadmium    | 108-1 | 0.83     | 0.64     | 1.21     | 0.89       | 32.81   | ppb   |
| Calcium    | 43-1  | 7674.74  | 7936.76  | 7993.65  | 7868.38    | 2.16    | ppb   |
| Calcium    | 44-1  | 7827.03  | 7932.47  | 8343.03  | 8034.18    | 3.39    | ppb   |
| Chromium   | 52-2  | 50.38    | 48.62    | 48.34    | 49.11      | 2.25    | ppb   |
| Cobalt     | 59-2  | 42.18    | 39.81    | 39.51    | 40.50      | 3.61    | ppb   |
| Copper     | 63-2  | 112.75   | 107.69   | 107.60   | 109.35     | 2.70    | ppb   |
| Dysprosium | 156-1 |          |          |          |            |         | cps   |
| Dysprosium | 156-2 |          |          |          |            |         | cps   |
| Erbium     | 164-1 |          |          |          |            |         | cps   |
| Erbium     | 164-2 |          |          |          |            |         | cps   |
| Gadolinium | 160-1 |          |          |          |            |         | cps   |
| Gadolinium | 160-2 |          |          |          |            |         | cps   |
| Holmium    | 165-1 |          |          |          | 110        |         | %     |
| Holmium    | 165-2 |          |          |          | 102        |         | %     |
| Indium     | 115-1 |          |          |          | 103        |         | %     |
| Indium     | 115-2 |          |          |          | 96         |         | %     |
| Iron       | 56-2  | 86462.25 | 83025.00 | 84104.07 | 84530.44   | 2.08    | ppb   |
| Iron       | 57-2  | 85221.75 | 81762.19 | 81987.05 | 82990.33   | 2.33    | ppb   |
| Lead       | 206-1 | 45.86    | 46.93    | 47.73    | 46.84      | 2.01    | ppb   |
| Lead       | 207-1 | 42.01    | 43.39    | 44.35    | 43.25      | 2.73    | ppb   |
| Lead       | 208-1 | 44.38    | 45.01    | 46.19    | 45.19      | 2.03    | ppb   |
| Lithium    | 6-1   |          |          |          | 105        |         | %     |
| Magnesium  | 24-2  | 6096.19  | 5789.68  | 5880.17  | 5922.02    | 2.66    | ppb   |
| Manganese  | 55-2  | 2674.79  | 2562.33  | 2581.90  | 2606.34    | 2.31    | ppb   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB94089             | Operator :        | Jaswal    |
| Lab Sample ID :         | J1988-11            | Instrumnet Name : | P8        |
| Client Sample ID :      | MJHR94              | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2018-03-22 15:16:07 | DataFile Name :   | 057SMPL.d |

| Parameter  | Mass  | ConRep1  | ConRep2  | ConRep3  | Avg. Conc. | ConcRSD | Units |
|------------|-------|----------|----------|----------|------------|---------|-------|
| Molybdenum | 94-1  | 1.58     | 1.26     | 1.23     | 1.36       | 14.11   | ppb   |
| Molybdenum | 95-1  | 0.44     | 0.54     | 0.57     | 0.52       | 13.61   | ppb   |
| Molybdenum | 96-1  | 0.81     | 0.83     | 0.79     | 0.81       | 2.49    | ppb   |
| Molybdenum | 97-1  | 0.46     | 0.52     | 0.43     | 0.47       | 9.79    | ppb   |
| Molybdenum | 98-1  | 0.40     | 0.47     | 0.49     | 0.45       | 10.26   | ppb   |
| Neodymium  | 150-1 |          |          |          |            |         | cps   |
| Neodymium  | 150-2 |          |          |          |            |         | cps   |
| Nickel     | 60-2  | 32.52    | 31.72    | 31.05    | 31.76      | 2.31    | ppb   |
| Phosphorus | 31-2  | 1525.11  | 1038.42  | 1872.24  | 1478.59    | 28.33   | ppb   |
| Potassium  | 39-2  | 1634.66  | 1555.51  | 1457.43  | 1549.20    | 5.73    | ppb   |
| Rhodium    | 103-1 |          |          |          | 102        |         | %     |
| Rhodium    | 103-2 |          |          |          | 101        |         | %     |
| Scandium   | 45-1  |          |          |          | 99         |         | %     |
| Scandium   | 45-2  |          |          |          | 91         |         | %     |
| Selenium   | 77-2  | 75.67    | 11.77    | 18.80    | 35.41      | 98.94   | ppb   |
| Selenium   | 78-2  | 4.07     | 1.85     | 9.46     | 5.13       | 76.27   | ppb   |
| Selenium   | 82-1  | 0.11     | -0.34    | 0.49     | 0.08       | 492.22  | ppb   |
| Silicon    | 28-1  | 1552.23  | 1563.24  | 1654.69  | 1590.05    | 3.54    | ppb   |
| Silver     | 109-1 | 0.15     | 0.14     | 0.15     | 0.15       | 6.72    | ppb   |
| Silver     | 107-1 | 0.14     | 0.13     | 0.17     | 0.15       | 15.51   | ppb   |
| Sodium     | 23-2  | 235.18   | 235.19   | 239.65   | 236.67     | 1.09    | ppb   |
| Strontium  | 86-1  | 78.79    | 79.13    | 81.42    | 79.78      | 1.79    | ppb   |
| Strontium  | 88-1  | 79.78    | 81.43    | 82.33    | 81.18      | 1.59    | ppb   |
| Sulfur     | 34-1  | -6079.70 | -5701.60 | -5407.60 | -5729.63   |         | ppb   |
| Terbium    | 159-1 |          |          |          | 109        |         | %     |
| Terbium    | 159-2 |          |          |          | 103        |         | %     |
| Thallium   | 203-1 | 0.09     | 0.07     | 0.11     | 0.09       | 21.34   | ppb   |
| Thallium   | 205-1 | 0.10     | 0.10     | 0.09     | 0.10       | 4.51    | ppb   |
| Tin        | 118-1 | 1.40     | 1.39     | 1.35     | 1.38       | 1.84    | ppb   |
| Titanium   | 47-1  | 142.26   | 143.26   | 148.40   | 144.64     | 2.28    | ppb   |
| Uranium    | 238-1 | 0.34     | 0.36     | 0.33     | 0.35       | 4.54    | ppb   |
| Vanadium   | 51-2  | 127.54   | 123.26   | 124.35   | 125.05     | 1.78    | ppb   |
| Yttrium    | 89-1  |          |          |          | 104        |         | %     |
| Yttrium    | 89-2  |          |          |          | 97         |         | %     |
| Zinc       | 66-2  | 271.78   | 261.95   | 267.64   | 267.12     | 1.85    | ppb   |
| Zirconium  | 90-1  | 0.58     | 0.58     | 0.60     | 0.59       | 1.86    | ppb   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB94089             | Operator :        | Jaswal    |
| Lab Sample ID :         | J1988-11            | Instrumnet Name : | P8        |
| Client Sample ID :      | MJHR94              | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2018-03-22 15:16:07 | DataFile Name :   | 057SMPL.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|-----------|------|---------|---------|---------|------------|---------|-------|
| Zirconium | 91-1 | 0.60    | 0.56    | 0.61    | 0.59       | 4.22    | ppb   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB94089             | Operator :        | Jaswal    |
| Lab Sample ID :         | J1988-12            | Instrumnet Name : | P8        |
| Client Sample ID :      | MJHR95              | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2018-03-22 15:19:27 | DataFile Name :   | 058SMPL.d |

| Parameter  | Mass  | ConRep1  | ConRep2  | ConRep3  | Avg. Conc. | ConcRSD | Units |
|------------|-------|----------|----------|----------|------------|---------|-------|
| Aluminium  | 27-2  | 25184.38 | 23487.88 | 22925.15 | 23865.80   | 4.93    | ppb   |
| Antimony   | 121-1 | 1.91     | 1.86     | 2.02     | 1.93       | 4.30    | ppb   |
| Arsenic    | 75-2  | 64.50    | 61.69    | 59.85    | 62.01      | 3.77    | ppb   |
| Barium     | 135-1 | 199.62   | 200.13   | 206.46   | 202.07     | 1.89    | ppb   |
| Barium     | 137-1 | 201.99   | 203.48   | 210.14   | 205.20     | 2.12    | ppb   |
| Beryllium  | 9-1   | 0.72     | 0.86     | 0.83     | 0.80       | 9.49    | ppb   |
| Bismuth    | 209-1 |          |          |          | 112        |         | %     |
| Bismuth    | 209-2 |          |          |          | 105        |         | %     |
| Boron      | 10-1  | 0.73     | 1.67     | 2.26     | 1.55       | 49.49   | ppb   |
| Boron      | 11-1  | 2.15     | 2.26     | 2.96     | 2.45       | 17.86   | ppb   |
| Cadmium    | 111-1 | 0.71     | 0.51     | 0.68     | 0.63       | 17.20   | ppb   |
| Cadmium    | 106-1 | -0.85    | -1.11    | -0.79    | -0.92      |         | ppb   |
| Cadmium    | 108-1 | 1.22     | 0.84     | 0.82     | 0.96       | 23.18   | ppb   |
| Calcium    | 43-1  | 8696.08  | 8702.46  | 8844.31  | 8747.62    | 0.96    | ppb   |
| Calcium    | 44-1  | 8886.76  | 8830.58  | 8997.22  | 8904.85    | 0.95    | ppb   |
| Chromium   | 52-2  | 60.08    | 55.13    | 53.12    | 56.11      | 6.38    | ppb   |
| Cobalt     | 59-2  | 38.04    | 34.82    | 34.21    | 35.69      | 5.77    | ppb   |
| Copper     | 63-2  | 141.21   | 128.69   | 125.75   | 131.88     | 6.23    | 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 |          |          |          | 110        |         | %     |
| Holmium    | 165-2 |          |          |          | 102        |         | %     |
| Indium     | 115-1 |          |          |          | 103        |         | %     |
| Indium     | 115-2 |          |          |          | 94         |         | %     |
| Iron       | 56-2  | 63426.42 | 58888.30 | 57244.96 | 59853.23   | 5.35    | ppb   |
| Iron       | 57-2  | 62895.90 | 57855.49 | 56458.05 | 59069.81   | 5.73    | ppb   |
| Lead       | 206-1 | 41.98    | 44.41    | 44.83    | 43.74      | 3.52    | ppb   |
| Lead       | 207-1 | 37.76    | 39.46    | 39.62    | 38.95      | 2.65    | ppb   |
| Lead       | 208-1 | 40.00    | 41.80    | 42.10    | 41.30      | 2.75    | ppb   |
| Lithium    | 6-1   |          |          |          | 105        |         | %     |
| Magnesium  | 24-2  | 9194.43  | 8581.12  | 8048.56  | 8608.04    | 6.66    | ppb   |
| Manganese  | 55-2  | 2079.65  | 1904.17  | 1869.78  | 1951.20    | 5.77    | ppb   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB94089             | Operator :        | Jaswal    |
| Lab Sample ID :         | J1988-12            | Instrumnet Name : | P8        |
| Client Sample ID :      | MJHR95              | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2018-03-22 15:19:27 | DataFile Name :   | 058SMPL.d |

| Parameter  | Mass  | ConRep1  | ConRep2  | ConRep3  | Avg. Conc. | ConcRSD | Units |
|------------|-------|----------|----------|----------|------------|---------|-------|
| Molybdenum | 94-1  | 1.53     | 1.33     | 1.50     | 1.45       | 7.38    | ppb   |
| Molybdenum | 95-1  | 0.74     | 0.87     | 0.87     | 0.83       | 9.58    | ppb   |
| Molybdenum | 96-1  | 0.88     | 0.99     | 1.03     | 0.97       | 7.96    | ppb   |
| Molybdenum | 97-1  | 0.68     | 0.72     | 0.80     | 0.73       | 8.51    | ppb   |
| Molybdenum | 98-1  | 0.75     | 0.76     | 0.73     | 0.75       | 1.82    | ppb   |
| Neodymium  | 150-1 |          |          |          |            |         | cps   |
| Neodymium  | 150-2 |          |          |          |            |         | cps   |
| Nickel     | 60-2  | 28.37    | 25.91    | 23.33    | 25.87      | 9.74    | ppb   |
| Phosphorus | 31-2  | 1639.51  | 1129.26  | 1259.01  | 1342.59    | 19.75   | ppb   |
| Potassium  | 39-2  | 1012.34  | 955.78   | 900.62   | 956.25     | 5.84    | ppb   |
| Rhodium    | 103-1 |          |          |          | 102        |         | %     |
| Rhodium    | 103-2 |          |          |          | 99         |         | %     |
| Scandium   | 45-1  |          |          |          | 99         |         | %     |
| Scandium   | 45-2  |          |          |          | 88         |         | %     |
| Selenium   | 77-2  | 58.20    | 39.66    | 59.11    | 52.32      | 20.97   | ppb   |
| Selenium   | 78-2  | 3.27     | 6.16     | 3.87     | 4.43       | 34.40   | ppb   |
| Selenium   | 82-1  | -0.48    | 0.97     | -0.30    | 0.06       | 1217.80 | ppb   |
| Silicon    | 28-1  | 1454.88  | 1445.80  | 1479.76  | 1460.15    | 1.20    | ppb   |
| Silver     | 109-1 | 0.09     | 0.12     | 0.11     | 0.11       | 10.50   | ppb   |
| Silver     | 107-1 | 0.12     | 0.11     | 0.10     | 0.11       | 8.60    | ppb   |
| Sodium     | 23-2  | 354.10   | 331.82   | 318.35   | 334.76     | 5.39    | ppb   |
| Strontium  | 86-1  | 74.24    | 75.88    | 78.18    | 76.10      | 2.60    | ppb   |
| Strontium  | 88-1  | 75.62    | 77.31    | 79.59    | 77.51      | 2.57    | ppb   |
| Sulfur     | 34-1  | -5838.06 | -5985.79 | -5770.14 | -5864.67   |         | ppb   |
| Terbium    | 159-1 |          |          |          | 109        |         | %     |
| Terbium    | 159-2 |          |          |          | 101        |         | %     |
| Thallium   | 203-1 | 0.11     | 0.10     | 0.10     | 0.10       | 6.78    | ppb   |
| Thallium   | 205-1 | 0.10     | 0.13     | 0.12     | 0.11       | 14.74   | ppb   |
| Tin        | 118-1 | 1.06     | 1.06     | 1.18     | 1.10       | 6.35    | ppb   |
| Titanium   | 47-1  | 197.92   | 202.98   | 206.28   | 202.39     | 2.08    | ppb   |
| Uranium    | 238-1 | 0.35     | 0.33     | 0.35     | 0.34       | 3.08    | ppb   |
| Vanadium   | 51-2  | 145.69   | 135.49   | 132.81   | 138.00     | 4.92    | ppb   |
| Yttrium    | 89-1  |          |          |          | 106        |         | %     |
| Yttrium    | 89-2  |          |          |          | 96         |         | %     |
| Zinc       | 66-2  | 141.06   | 124.28   | 128.14   | 131.16     | 6.70    | ppb   |
| Zirconium  | 90-1  | 0.62     | 0.61     | 0.62     | 0.62       | 0.59    | ppb   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB94089             | Operator :        | Jaswal    |
| Lab Sample ID :         | J1988-12            | Instrumnet Name : | P8        |
| Client Sample ID :      | MJHR95              | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2018-03-22 15:19:27 | DataFile Name :   | 058SMPL.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|-----------|------|---------|---------|---------|------------|---------|-------|
| Zirconium | 91-1 | 0.68    | 0.58    | 0.66    | 0.64       | 8.75    | ppb   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB94089             | Operator :        | Jaswal    |
| Lab Sample ID :         | J1988-13            | Instrumnet Name : | P8        |
| Client Sample ID :      | MJHR96              | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2018-03-22 15:22:46 | DataFile Name :   | 059SMPL.d |

| Parameter  | Mass  | ConRep1  | ConRep2  | ConRep3  | Avg. Conc. | ConcRSD | Units |
|------------|-------|----------|----------|----------|------------|---------|-------|
| Aluminium  | 27-2  | 37950.96 | 37419.85 | 37490.06 | 37620.29   | 0.77    | ppb   |
| Antimony   | 121-1 | 11.72    | 12.04    | 11.94    | 11.90      | 1.34    | ppb   |
| Arsenic    | 75-2  | 114.16   | 113.14   | 114.08   | 113.79     | 0.50    | ppb   |
| Barium     | 135-1 | 186.74   | 194.27   | 195.20   | 192.07     | 2.42    | ppb   |
| Barium     | 137-1 | 188.53   | 191.67   | 195.63   | 191.95     | 1.85    | ppb   |
| Beryllium  | 9-1   | 0.87     | 0.79     | 0.71     | 0.79       | 10.19   | ppb   |
| Bismuth    | 209-1 |          |          |          | 114        |         | %     |
| Bismuth    | 209-2 |          |          |          | 109        |         | %     |
| Boron      | 10-1  | 4.71     | 3.84     | 4.12     | 4.22       | 10.46   | ppb   |
| Boron      | 11-1  | 4.49     | 4.64     | 4.44     | 4.52       | 2.28    | ppb   |
| Cadmium    | 111-1 | 0.96     | 1.11     | 1.04     | 1.04       | 7.57    | ppb   |
| Cadmium    | 106-1 | 0.44     | -0.30    | 0.33     | 0.16       | 252.99  | ppb   |
| Cadmium    | 108-1 | 1.55     | 0.89     | 1.98     | 1.47       | 37.48   | ppb   |
| Calcium    | 43-1  | 8933.01  | 8769.19  | 9063.71  | 8921.97    | 1.65    | ppb   |
| Calcium    | 44-1  | 9140.77  | 8983.38  | 9332.50  | 9152.22    | 1.91    | ppb   |
| Chromium   | 52-2  | 74.65    | 73.51    | 75.16    | 74.44      | 1.14    | ppb   |
| Cobalt     | 59-2  | 42.05    | 41.15    | 41.32    | 41.51      | 1.16    | ppb   |
| Copper     | 63-2  | 151.75   | 149.30   | 151.04   | 150.70     | 0.84    | 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 |          |          |          | 111        |         | %     |
| Holmium    | 165-2 |          |          |          | 105        |         | %     |
| Indium     | 115-1 |          |          |          | 104        |         | %     |
| Indium     | 115-2 |          |          |          | 97         |         | %     |
| Iron       | 56-2  | 58469.16 | 56834.72 | 58020.85 | 57774.91   | 1.46    | ppb   |
| Iron       | 57-2  | 57363.83 | 56068.07 | 56749.58 | 56727.16   | 1.14    | ppb   |
| Lead       | 206-1 | 147.73   | 149.43   | 153.14   | 150.10     | 1.84    | ppb   |
| Lead       | 207-1 | 136.81   | 137.38   | 139.77   | 137.99     | 1.14    | ppb   |
| Lead       | 208-1 | 143.14   | 143.70   | 146.99   | 144.61     | 1.44    | ppb   |
| Lithium    | 6-1   |          |          |          | 104        |         | %     |
| Magnesium  | 24-2  | 6562.60  | 6265.92  | 6423.66  | 6417.39    | 2.31    | ppb   |
| Manganese  | 55-2  | 2293.97  | 2251.74  | 2283.93  | 2276.54    | 0.97    | ppb   |



|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB94089             | Operator :        | Jaswal    |
| Lab Sample ID :         | J1988-13            | Instrumnet Name : | P8        |
| Client Sample ID :      | MJHR96              | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2018-03-22 15:22:46 | DataFile Name :   | 059SMPL.d |

| Parameter  | Mass  | ConRep1  | ConRep2  | ConRep3  | Avg. Conc. | ConcRSD | Units |
|------------|-------|----------|----------|----------|------------|---------|-------|
| Molybdenum | 94-1  | 1.69     | 1.80     | 1.57     | 1.69       | 6.80    | ppb   |
| Molybdenum | 95-1  | 0.53     | 0.56     | 0.58     | 0.56       | 4.02    | ppb   |
| Molybdenum | 96-1  | 0.81     | 0.83     | 0.86     | 0.84       | 2.89    | ppb   |
| Molybdenum | 97-1  | 0.47     | 0.55     | 0.53     | 0.52       | 8.49    | ppb   |
| Molybdenum | 98-1  | 0.55     | 0.57     | 0.54     | 0.55       | 2.15    | ppb   |
| Neodymium  | 150-1 |          |          |          |            |         | cps   |
| Neodymium  | 150-2 |          |          |          |            |         | cps   |
| Nickel     | 60-2  | 43.91    | 43.06    | 44.02    | 43.66      | 1.20    | ppb   |
| Phosphorus | 31-2  | 1841.11  | 2004.25  | 1956.00  | 1933.79    | 4.33    | ppb   |
| Potassium  | 39-2  | 1121.84  | 1102.40  | 1149.86  | 1124.70    | 2.12    | ppb   |
| Rhodium    | 103-1 |          |          |          | 103        |         | %     |
| Rhodium    | 103-2 |          |          |          | 102        |         | %     |
| Scandium   | 45-1  |          |          |          | 99         |         | %     |
| Scandium   | 45-2  |          |          |          | 91         |         | %     |
| Selenium   | 77-2  | 25.50    | 52.62    | 59.62    | 45.92      | 39.25   | ppb   |
| Selenium   | 78-2  | -0.33    | 11.32    | 4.97     | 5.32       | 109.67  | ppb   |
| Selenium   | 82-1  | -0.43    | 0.24     | -0.09    | -0.09      |         | ppb   |
| Silicon    | 28-1  | 2147.96  | 2127.13  | 2177.48  | 2150.86    | 1.18    | ppb   |
| Silver     | 109-1 | 0.36     | 0.37     | 0.36     | 0.36       | 0.88    | ppb   |
| Silver     | 107-1 | 0.34     | 0.35     | 0.36     | 0.35       | 2.08    | ppb   |
| Sodium     | 23-2  | 250.36   | 233.45   | 251.43   | 245.08     | 4.12    | ppb   |
| Strontium  | 86-1  | 111.82   | 114.57   | 112.92   | 113.10     | 1.22    | ppb   |
| Strontium  | 88-1  | 115.28   | 118.16   | 117.65   | 117.03     | 1.31    | ppb   |
| Sulfur     | 34-1  | -5534.75 | -5654.01 | -5431.47 | -5540.07   |         | ppb   |
| Terbium    | 159-1 |          |          |          | 111        |         | %     |
| Terbium    | 159-2 |          |          |          | 105        |         | %     |
| Thallium   | 203-1 | 0.23     | 0.29     | 0.27     | 0.27       | 11.30   | ppb   |
| Thallium   | 205-1 | 0.28     | 0.27     | 0.26     | 0.27       | 2.62    | ppb   |
| Tin        | 118-1 | 3.92     | 3.83     | 3.83     | 3.86       | 1.29    | ppb   |
| Titanium   | 47-1  | 138.07   | 135.98   | 142.69   | 138.91     | 2.47    | ppb   |
| Uranium    | 238-1 | 0.30     | 0.28     | 0.30     | 0.29       | 2.76    | ppb   |
| Vanadium   | 51-2  | 139.04   | 137.05   | 136.66   | 137.58     | 0.93    | ppb   |
| Yttrium    | 89-1  |          |          |          | 105        |         | %     |
| Yttrium    | 89-2  |          |          |          | 99         |         | %     |
| Zinc       | 66-2  | 427.28   | 431.24   | 440.76   | 433.09     | 1.60    | ppb   |
| Zirconium  | 90-1  | 0.84     | 0.84     | 0.84     | 0.84       | 0.55    | ppb   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB94089             | Operator :        | Jaswal    |
| Lab Sample ID :         | J1988-13            | Instrumnet Name : | P8        |
| Client Sample ID :      | MJHR96              | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2018-03-22 15:22:46 | DataFile Name :   | 059SMPL.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|-----------|------|---------|---------|---------|------------|---------|-------|
| Zirconium | 91-1 | 0.83    | 0.94    | 0.78    | 0.85       | 9.68    | ppb   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB94089             | Operator :        | Jaswal    |
| Lab Sample ID :         | J1988-14            | Instrumnet Name : | P8        |
| Client Sample ID :      | MJHR97              | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2018-03-22 15:26:06 | DataFile Name :   | 060SMPL.d |

| Parameter  | Mass  | ConRep1  | ConRep2  | ConRep3  | Avg. Conc. | ConcRSD | Units |
|------------|-------|----------|----------|----------|------------|---------|-------|
| Aluminium  | 27-2  | 27961.30 | 28177.38 | 28059.01 | 28065.90   | 0.39    | ppb   |
| Antimony   | 121-1 | 2.25     | 2.33     | 2.43     | 2.33       | 3.94    | ppb   |
| Arsenic    | 75-2  | 59.97    | 61.28    | 57.63    | 59.63      | 3.10    | ppb   |
| Barium     | 135-1 | 299.25   | 301.74   | 312.08   | 304.36     | 2.23    | ppb   |
| Barium     | 137-1 | 304.08   | 304.45   | 314.53   | 307.69     | 1.93    | ppb   |
| Beryllium  | 9-1   | 0.76     | 0.86     | 0.80     | 0.81       | 6.07    | ppb   |
| Bismuth    | 209-1 |          |          |          | 114        |         | %     |
| Bismuth    | 209-2 |          |          |          | 110        |         | %     |
| Boron      | 10-1  | 2.28     | 2.50     | 1.84     | 2.21       | 15.05   | ppb   |
| Boron      | 11-1  | 1.89     | 2.09     | 2.17     | 2.05       | 6.98    | ppb   |
| Cadmium    | 111-1 | 0.11     | 0.28     | 0.09     | 0.16       | 65.50   | ppb   |
| Cadmium    | 106-1 | -2.94    | -1.23    | -1.93    | -2.03      |         | ppb   |
| Cadmium    | 108-1 | 0.61     | 0.57     | 0.72     | 0.63       | 11.81   | ppb   |
| Calcium    | 43-1  | 9947.29  | 9982.59  | 10142.82 | 10024.23   | 1.04    | ppb   |
| Calcium    | 44-1  | 10108.97 | 10252.85 | 10412.49 | 10258.11   | 1.48    | ppb   |
| Chromium   | 52-2  | 75.87    | 77.90    | 75.75    | 76.51      | 1.59    | ppb   |
| Cobalt     | 59-2  | 34.79    | 36.01    | 34.71    | 35.17      | 2.08    | ppb   |
| Copper     | 63-2  | 113.90   | 116.68   | 114.50   | 115.02     | 1.27    | ppb   |
| Dysprosium | 156-1 |          |          |          |            |         | cps   |
| Dysprosium | 156-2 |          |          |          |            |         | cps   |
| Erbium     | 164-1 |          |          |          |            |         | cps   |
| Erbium     | 164-2 |          |          |          |            |         | cps   |
| Gadolinium | 160-1 |          |          |          |            |         | cps   |
| Gadolinium | 160-2 |          |          |          |            |         | cps   |
| Holmium    | 165-1 |          |          |          | 112        |         | %     |
| Holmium    | 165-2 |          |          |          | 107        |         | %     |
| Indium     | 115-1 |          |          |          | 105        |         | %     |
| Indium     | 115-2 |          |          |          | 98         |         | %     |
| Iron       | 56-2  | 55362.78 | 56054.58 | 54657.62 | 55358.33   | 1.26    | ppb   |
| Iron       | 57-2  | 53826.08 | 55467.69 | 53686.76 | 54326.84   | 1.82    | ppb   |
| Lead       | 206-1 | 47.03    | 47.45    | 49.22    | 47.90      | 2.42    | ppb   |
| Lead       | 207-1 | 43.13    | 43.29    | 45.11    | 43.84      | 2.50    | ppb   |
| Lead       | 208-1 | 45.26    | 45.37    | 47.43    | 46.02      | 2.65    | ppb   |
| Lithium    | 6-1   |          |          |          | 106        |         | %     |
| Magnesium  | 24-2  | 10506.70 | 10710.48 | 10474.76 | 10563.98   | 1.21    | ppb   |
| Manganese  | 55-2  | 1741.00  | 1774.15  | 1726.80  | 1747.32    | 1.39    | ppb   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB94089             | Operator :        | Jaswal    |
| Lab Sample ID :         | J1988-14            | Instrumnet Name : | P8        |
| Client Sample ID :      | MJHR97              | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2018-03-22 15:26:06 | DataFile Name :   | 060SMPL.d |

| Parameter  | Mass  | ConRep1  | ConRep2  | ConRep3  | Avg. Conc. | ConcRSD | Units |
|------------|-------|----------|----------|----------|------------|---------|-------|
| Molybdenum | 94-1  | 1.27     | 1.28     | 1.22     | 1.26       | 2.76    | ppb   |
| Molybdenum | 95-1  | 0.43     | 0.41     | 0.45     | 0.43       | 4.70    | ppb   |
| Molybdenum | 96-1  | 0.61     | 0.72     | 0.62     | 0.65       | 9.23    | ppb   |
| Molybdenum | 97-1  | 0.36     | 0.29     | 0.44     | 0.36       | 20.02   | ppb   |
| Molybdenum | 98-1  | 0.36     | 0.40     | 0.41     | 0.39       | 5.93    | ppb   |
| Neodymium  | 150-1 |          |          |          |            |         | cps   |
| Neodymium  | 150-2 |          |          |          |            |         | cps   |
| Nickel     | 60-2  | 32.03    | 31.87    | 31.50    | 31.80      | 0.85    | ppb   |
| Phosphorus | 31-2  | 1663.18  | 1362.44  | 1693.12  | 1572.91    | 11.63   | ppb   |
| Potassium  | 39-2  | 1592.79  | 1627.96  | 1547.09  | 1589.28    | 2.55    | ppb   |
| Rhodium    | 103-1 |          |          |          | 105        |         | %     |
| Rhodium    | 103-2 |          |          |          | 103        |         | %     |
| Scandium   | 45-1  |          |          |          | 100        |         | %     |
| Scandium   | 45-2  |          |          |          | 94         |         | %     |
| Selenium   | 77-2  | 38.62    | 73.54    | 44.32    | 52.16      | 35.92   | ppb   |
| Selenium   | 78-2  | 9.13     | 2.86     | 3.74     | 5.24       | 64.78   | ppb   |
| Selenium   | 82-1  | 1.05     | 1.02     | 0.76     | 0.95       | 16.79   | ppb   |
| Silicon    | 28-1  | 1597.34  | 1603.08  | 1631.27  | 1610.57    | 1.13    | ppb   |
| Silver     | 109-1 | 0.29     | 0.31     | 0.27     | 0.29       | 6.11    | ppb   |
| Silver     | 107-1 | 0.25     | 0.27     | 0.29     | 0.27       | 6.47    | ppb   |
| Sodium     | 23-2  | 224.99   | 235.31   | 225.19   | 228.50     | 2.58    | ppb   |
| Strontium  | 86-1  | 104.69   | 104.25   | 108.89   | 105.94     | 2.42    | ppb   |
| Strontium  | 88-1  | 109.80   | 109.53   | 113.07   | 110.80     | 1.78    | ppb   |
| Sulfur     | 34-1  | -6496.69 | -6483.65 | -6074.12 | -6351.49   |         | ppb   |
| Terbium    | 159-1 |          |          |          | 112        |         | %     |
| Terbium    | 159-2 |          |          |          | 106        |         | %     |
| Thallium   | 203-1 | 0.11     | 0.11     | 0.11     | 0.11       | 2.40    | ppb   |
| Thallium   | 205-1 | 0.11     | 0.11     | 0.10     | 0.10       | 4.12    | ppb   |
| Tin        | 118-1 | 5.58     | 5.35     | 5.41     | 5.45       | 2.14    | ppb   |
| Titanium   | 47-1  | 121.15   | 123.65   | 127.55   | 124.12     | 2.60    | ppb   |
| Uranium    | 238-1 | 0.31     | 0.32     | 0.34     | 0.32       | 3.71    | ppb   |
| Vanadium   | 51-2  | 135.26   | 136.04   | 131.99   | 134.43     | 1.60    | ppb   |
| Yttrium    | 89-1  |          |          |          | 107        |         | %     |
| Yttrium    | 89-2  |          |          |          | 101        |         | %     |
| Zinc       | 66-2  | 178.19   | 179.23   | 177.09   | 178.17     | 0.60    | ppb   |
| Zirconium  | 90-1  | 0.67     | 0.61     | 0.64     | 0.64       | 4.99    | ppb   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB94089             | Operator :        | Jaswal    |
| Lab Sample ID :         | J1988-14            | Instrumnet Name : | P8        |
| Client Sample ID :      | MJHR97              | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2018-03-22 15:26:06 | DataFile Name :   | 060SMPL.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|-----------|------|---------|---------|---------|------------|---------|-------|
| Zirconium | 91-1 | 0.56    | 0.56    | 0.66    | 0.59       | 9.95    | ppb   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB94089             | Operator :        | Jaswal    |
| Lab Sample ID :         | J1988-15            | Instrumnet Name : | P8        |
| Client Sample ID :      | MJHR98              | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2018-03-22 15:29:26 | DataFile Name :   | 061SMPL.d |

| Parameter  | Mass  | ConRep1  | ConRep2  | ConRep3  | Avg. Conc. | ConcRSD | Units |
|------------|-------|----------|----------|----------|------------|---------|-------|
| Aluminium  | 27-2  | 28863.55 | 29587.55 | 29024.27 | 29158.45   | 1.30    | ppb   |
| Antimony   | 121-1 | 1.19     | 1.21     | 1.30     | 1.23       | 4.54    | ppb   |
| Arsenic    | 75-2  | 32.90    | 32.89    | 33.07    | 32.95      | 0.31    | ppb   |
| Barium     | 135-1 | 278.12   | 278.91   | 283.68   | 280.24     | 1.07    | ppb   |
| Barium     | 137-1 | 277.93   | 283.67   | 287.94   | 283.18     | 1.77    | ppb   |
| Beryllium  | 9-1   | 1.39     | 1.08     | 1.37     | 1.28       | 13.58   | ppb   |
| Bismuth    | 209-1 |          |          |          | 115        |         | %     |
| Bismuth    | 209-2 |          |          |          | 110        |         | %     |
| Boron      | 10-1  | 1.94     | 1.82     | 1.96     | 1.91       | 3.96    | ppb   |
| Boron      | 11-1  | 1.46     | 1.84     | 1.66     | 1.65       | 11.28   | ppb   |
| Cadmium    | 111-1 | 0.08     | 0.13     | 0.17     | 0.13       | 34.86   | ppb   |
| Cadmium    | 106-1 | -1.42    | -1.52    | -0.84    | -1.26      |         | ppb   |
| Cadmium    | 108-1 | 0.48     | 0.48     | 0.37     | 0.45       | 14.72   | ppb   |
| Calcium    | 43-1  | 8280.57  | 8494.70  | 8759.13  | 8511.47    | 2.82    | ppb   |
| Calcium    | 44-1  | 8628.73  | 8651.02  | 8917.94  | 8732.56    | 1.84    | ppb   |
| Chromium   | 52-2  | 43.54    | 45.59    | 44.03    | 44.39      | 2.41    | ppb   |
| Cobalt     | 59-2  | 39.53    | 40.58    | 39.04    | 39.72      | 1.97    | ppb   |
| Copper     | 63-2  | 127.98   | 131.53   | 126.67   | 128.73     | 1.95    | ppb   |
| Dysprosium | 156-1 |          |          |          |            |         | cps   |
| Dysprosium | 156-2 |          |          |          |            |         | cps   |
| Erbium     | 164-1 |          |          |          |            |         | cps   |
| Erbium     | 164-2 |          |          |          |            |         | cps   |
| Gadolinium | 160-1 |          |          |          |            |         | cps   |
| Gadolinium | 160-2 |          |          |          |            |         | cps   |
| Holmium    | 165-1 |          |          |          | 113        |         | %     |
| Holmium    | 165-2 |          |          |          | 105        |         | %     |
| Indium     | 115-1 |          |          |          | 105        |         | %     |
| Indium     | 115-2 |          |          |          | 98         |         | %     |
| Iron       | 56-2  | 66701.47 | 69017.42 | 66468.50 | 67395.80   | 2.09    | ppb   |
| Iron       | 57-2  | 65787.19 | 68039.65 | 65638.77 | 66488.54   | 2.02    | ppb   |
| Lead       | 206-1 | 12.82    | 13.14    | 13.25    | 13.07      | 1.69    | ppb   |
| Lead       | 207-1 | 11.50    | 11.90    | 12.15    | 11.85      | 2.78    | ppb   |
| Lead       | 208-1 | 12.30    | 12.58    | 12.59    | 12.49      | 1.32    | ppb   |
| Lithium    | 6-1   |          |          |          | 106        |         | %     |
| Magnesium  | 24-2  | 6927.90  | 7178.19  | 6957.51  | 7021.20    | 1.95    | ppb   |
| Manganese  | 55-2  | 2402.95  | 2483.58  | 2409.39  | 2431.97    | 1.84    | ppb   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB94089             | Operator :        | Jaswal    |
| Lab Sample ID :         | J1988-15            | Instrumnet Name : | P8        |
| Client Sample ID :      | MJHR98              | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2018-03-22 15:29:26 | DataFile Name :   | 061SMPL.d |

| Parameter  | Mass  | ConRep1  | ConRep2  | ConRep3  | Avg. Conc. | ConcRSD | Units |
|------------|-------|----------|----------|----------|------------|---------|-------|
| Molybdenum | 94-1  | 1.43     | 1.49     | 1.54     | 1.49       | 3.88    | ppb   |
| Molybdenum | 95-1  | 0.57     | 0.46     | 0.48     | 0.50       | 12.07   | ppb   |
| Molybdenum | 96-1  | 0.70     | 0.76     | 0.84     | 0.77       | 8.87    | ppb   |
| Molybdenum | 97-1  | 0.48     | 0.50     | 0.61     | 0.53       | 12.87   | ppb   |
| Molybdenum | 98-1  | 0.43     | 0.44     | 0.51     | 0.46       | 8.81    | ppb   |
| Neodymium  | 150-1 |          |          |          |            |         | cps   |
| Neodymium  | 150-2 |          |          |          |            |         | cps   |
| Nickel     | 60-2  | 24.59    | 24.78    | 24.48    | 24.62      | 0.62    | ppb   |
| Phosphorus | 31-2  | 1883.98  | 1461.80  | 1602.90  | 1649.56    | 13.03   | ppb   |
| Potassium  | 39-2  | 1050.67  | 1070.37  | 992.69   | 1037.91    | 3.89    | ppb   |
| Rhodium    | 103-1 |          |          |          | 105        |         | %     |
| Rhodium    | 103-2 |          |          |          | 103        |         | %     |
| Scandium   | 45-1  |          |          |          | 100        |         | %     |
| Scandium   | 45-2  |          |          |          | 91         |         | %     |
| Selenium   | 77-2  | 52.11    | 18.43    | 11.02    | 27.19      | 80.56   | ppb   |
| Selenium   | 78-2  | 12.25    | 11.40    | 2.71     | 8.79       | 60.13   | ppb   |
| Selenium   | 82-1  | 0.87     | 0.05     | 1.14     | 0.69       | 82.46   | ppb   |
| Silicon    | 28-1  | 1875.84  | 1907.15  | 1939.65  | 1907.55    | 1.67    | ppb   |
| Silver     | 109-1 | 0.10     | 0.10     | 0.10     | 0.10       | 1.57    | ppb   |
| Silver     | 107-1 | 0.08     | 0.10     | 0.12     | 0.10       | 22.88   | ppb   |
| Sodium     | 23-2  | 93.80    | 95.07    | 100.31   | 96.39      | 3.58    | ppb   |
| Strontium  | 86-1  | 99.23    | 100.62   | 104.59   | 101.48     | 2.74    | ppb   |
| Strontium  | 88-1  | 103.79   | 104.01   | 106.17   | 104.65     | 1.26    | ppb   |
| Sulfur     | 34-1  | -6352.72 | -6111.31 | -5837.96 | -6100.66   |         | ppb   |
| Terbium    | 159-1 |          |          |          | 112        |         | %     |
| Terbium    | 159-2 |          |          |          | 105        |         | %     |
| Thallium   | 203-1 | 0.10     | 0.12     | 0.11     | 0.11       | 7.57    | ppb   |
| Thallium   | 205-1 | 0.10     | 0.11     | 0.11     | 0.10       | 6.57    | ppb   |
| Tin        | 118-1 | 1.40     | 1.45     | 1.48     | 1.44       | 2.58    | ppb   |
| Titanium   | 47-1  | 140.16   | 143.36   | 144.02   | 142.51     | 1.45    | ppb   |
| Uranium    | 238-1 | 0.34     | 0.36     | 0.36     | 0.36       | 3.63    | ppb   |
| Vanadium   | 51-2  | 147.99   | 153.48   | 147.76   | 149.74     | 2.16    | ppb   |
| Yttrium    | 89-1  |          |          |          | 108        |         | %     |
| Yttrium    | 89-2  |          |          |          | 101        |         | %     |
| Zinc       | 66-2  | 136.57   | 141.91   | 134.37   | 137.62     | 2.82    | ppb   |
| Zirconium  | 90-1  | 0.71     | 0.72     | 0.75     | 0.72       | 2.77    | ppb   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB94089             | Operator :        | Jaswal    |
| Lab Sample ID :         | J1988-15            | Instrumnet Name : | P8        |
| Client Sample ID :      | MJHR98              | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2018-03-22 15:29:26 | DataFile Name :   | 061SMPL.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|-----------|------|---------|---------|---------|------------|---------|-------|
| Zirconium | 91-1 | 0.86    | 0.70    | 0.76    | 0.77       | 10.83   | ppb   |



|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB94089             | Operator :        | Jaswal    |
| Lab Sample ID :         | J1988-16            | Instrumnet Name : | P8        |
| Client Sample ID :      | MJHR99              | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2018-03-22 15:32:46 | DataFile Name :   | 062SMPL.d |

| Parameter  | Mass  | ConRep1  | ConRep2  | ConRep3  | Avg. Conc. | ConcRSD | Units |
|------------|-------|----------|----------|----------|------------|---------|-------|
| Aluminium  | 27-2  | 33961.69 | 37148.48 | 33242.70 | 34784.29   | 5.98    | ppb   |
| Antimony   | 121-1 | 2.26     | 2.23     | 2.27     | 2.25       | 0.76    | ppb   |
| Arsenic    | 75-2  | 49.31    | 52.55    | 48.32    | 50.06      | 4.43    | ppb   |
| Barium     | 135-1 | 307.61   | 308.68   | 315.47   | 310.59     | 1.37    | ppb   |
| Barium     | 137-1 | 312.21   | 311.31   | 317.40   | 313.64     | 1.05    | ppb   |
| Beryllium  | 9-1   | 1.28     | 1.24     | 1.18     | 1.23       | 4.07    | ppb   |
| Bismuth    | 209-1 |          |          |          | 114        |         | %     |
| Bismuth    | 209-2 |          |          |          | 106        |         | %     |
| Boron      | 10-1  | 0.48     | 2.29     | 1.67     | 1.48       | 62.20   | ppb   |
| Boron      | 11-1  | 1.48     | 1.86     | 1.81     | 1.72       | 12.13   | ppb   |
| Cadmium    | 111-1 | 0.19     | 0.12     | 0.10     | 0.14       | 34.67   | ppb   |
| Cadmium    | 106-1 | -0.80    | -1.76    | -2.00    | -1.52      |         | ppb   |
| Cadmium    | 108-1 | 0.74     | 0.23     | 0.49     | 0.49       | 52.03   | ppb   |
| Calcium    | 43-1  | 8987.25  | 9034.86  | 9271.17  | 9097.76    | 1.67    | ppb   |
| Calcium    | 44-1  | 9138.45  | 9321.52  | 9609.45  | 9356.47    | 2.54    | ppb   |
| Chromium   | 52-2  | 49.84    | 54.37    | 50.80    | 51.67      | 4.62    | ppb   |
| Cobalt     | 59-2  | 40.25    | 43.79    | 40.79    | 41.61      | 4.57    | ppb   |
| Copper     | 63-2  | 133.44   | 147.67   | 135.04   | 138.72     | 5.62    | 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 |          |          |          | 113        |         | %     |
| Holmium    | 165-2 |          |          |          | 103        |         | %     |
| Indium     | 115-1 |          |          |          | 105        |         | %     |
| Indium     | 115-2 |          |          |          | 95         |         | %     |
| Iron       | 56-2  | 73395.78 | 80086.06 | 73197.95 | 75559.93   | 5.19    | ppb   |
| Iron       | 57-2  | 71789.80 | 78347.55 | 71999.77 | 74045.70   | 5.03    | ppb   |
| Lead       | 206-1 | 35.32    | 35.61    | 36.69    | 35.87      | 2.00    | ppb   |
| Lead       | 207-1 | 32.93    | 33.12    | 33.70    | 33.25      | 1.20    | ppb   |
| Lead       | 208-1 | 34.23    | 34.35    | 35.48    | 34.69      | 1.99    | ppb   |
| Lithium    | 6-1   |          |          |          | 105        |         | %     |
| Magnesium  | 24-2  | 7677.17  | 8407.50  | 7576.26  | 7886.98    | 5.75    | ppb   |
| Manganese  | 55-2  | 2191.91  | 2388.96  | 2181.29  | 2254.05    | 5.19    | ppb   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB94089             | Operator :        | Jaswal    |
| Lab Sample ID :         | J1988-16            | Instrumnet Name : | P8        |
| Client Sample ID :      | MJHR99              | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2018-03-22 15:32:46 | DataFile Name :   | 062SMPL.d |

| Parameter  | Mass  | ConRep1  | ConRep2  | ConRep3  | Avg. Conc. | ConcRSD | Units |
|------------|-------|----------|----------|----------|------------|---------|-------|
| Molybdenum | 94-1  | 1.66     | 1.69     | 1.60     | 1.65       | 2.71    | ppb   |
| Molybdenum | 95-1  | 0.53     | 0.57     | 0.52     | 0.54       | 4.76    | ppb   |
| Molybdenum | 96-1  | 0.85     | 0.74     | 0.92     | 0.84       | 10.73   | ppb   |
| Molybdenum | 97-1  | 0.48     | 0.52     | 0.59     | 0.53       | 10.82   | ppb   |
| Molybdenum | 98-1  | 0.56     | 0.55     | 0.53     | 0.55       | 2.74    | ppb   |
| Neodymium  | 150-1 |          |          |          |            |         | cps   |
| Neodymium  | 150-2 |          |          |          |            |         | cps   |
| Nickel     | 60-2  | 27.32    | 30.33    | 26.34    | 28.00      | 7.42    | ppb   |
| Phosphorus | 31-2  | 1689.12  | 1674.62  | 1724.72  | 1696.15    | 1.52    | ppb   |
| Potassium  | 39-2  | 895.23   | 961.22   | 917.26   | 924.57     | 3.63    | ppb   |
| Rhodium    | 103-1 |          |          |          | 104        |         | %     |
| Rhodium    | 103-2 |          |          |          | 100        |         | %     |
| Scandium   | 45-1  |          |          |          | 100        |         | %     |
| Scandium   | 45-2  |          |          |          | 90         |         | %     |
| Selenium   | 77-2  | 52.04    | 49.01    | 38.53    | 46.53      | 15.24   | ppb   |
| Selenium   | 78-2  | 6.99     | 5.39     | 5.95     | 6.11       | 13.26   | ppb   |
| Selenium   | 82-1  | 0.61     | 0.14     | 1.07     | 0.61       | 76.30   | ppb   |
| Silicon    | 28-1  | 1770.73  | 1835.69  | 1902.46  | 1836.29    | 3.59    | ppb   |
| Silver     | 109-1 | 0.12     | 0.10     | 0.13     | 0.11       | 12.31   | ppb   |
| Silver     | 107-1 | 0.09     | 0.10     | 0.08     | 0.09       | 15.63   | ppb   |
| Sodium     | 23-2  | 134.99   | 160.38   | 135.09   | 143.49     | 10.20   | ppb   |
| Strontium  | 86-1  | 108.38   | 109.01   | 110.68   | 109.36     | 1.08    | ppb   |
| Strontium  | 88-1  | 112.04   | 114.32   | 115.55   | 113.97     | 1.57    | ppb   |
| Sulfur     | 34-1  | -6241.34 | -6335.24 | -5882.44 | -6153.01   |         | ppb   |
| Terbium    | 159-1 |          |          |          | 112        |         | %     |
| Terbium    | 159-2 |          |          |          | 103        |         | %     |
| Thallium   | 203-1 | 0.11     | 0.10     | 0.12     | 0.11       | 9.72    | ppb   |
| Thallium   | 205-1 | 0.14     | 0.13     | 0.13     | 0.13       | 5.73    | ppb   |
| Tin        | 118-1 | 1.40     | 1.32     | 1.40     | 1.37       | 3.31    | ppb   |
| Titanium   | 47-1  | 133.61   | 133.67   | 136.40   | 134.56     | 1.18    | ppb   |
| Uranium    | 238-1 | 0.33     | 0.34     | 0.32     | 0.33       | 2.96    | ppb   |
| Vanadium   | 51-2  | 149.90   | 164.51   | 149.55   | 154.65     | 5.52    | ppb   |
| Yttrium    | 89-1  |          |          |          | 108        |         | %     |
| Yttrium    | 89-2  |          |          |          | 98         |         | %     |
| Zinc       | 66-2  | 153.85   | 167.49   | 154.60   | 158.65     | 4.83    | ppb   |
| Zirconium  | 90-1  | 0.83     | 0.83     | 0.86     | 0.84       | 2.19    | ppb   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB94089             | Operator :        | Jaswal    |
| Lab Sample ID :         | J1988-16            | Instrumnet Name : | P8        |
| Client Sample ID :      | MJHR99              | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2018-03-22 15:32:46 | DataFile Name :   | 062SMPL.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|-----------|------|---------|---------|---------|------------|---------|-------|
| Zirconium | 91-1 | 0.95    | 0.88    | 0.91    | 0.91       | 3.72    | ppb   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB94089             | Operator :        | Jaswal    |
| Lab Sample ID :         | J1989-01            | Instrumnet Name : | P8        |
| Client Sample ID :      | MJHRA0              | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2018-03-22 15:36:03 | DataFile Name :   | 063SMPL.d |

| Parameter  | Mass  | ConRep1  | ConRep2  | ConRep3  | Avg. Conc. | ConcRSD | Units |
|------------|-------|----------|----------|----------|------------|---------|-------|
| Aluminium  | 27-2  | 42104.58 | 43420.00 | 44250.83 | 43258.47   | 2.50    | ppb   |
| Antimony   | 121-1 | 23.58    | 23.01    | 23.45    | 23.35      | 1.29    | ppb   |
| Arsenic    | 75-2  | 165.94   | 169.57   | 175.43   | 170.31     | 2.81    | ppb   |
| Barium     | 135-1 | 193.40   | 183.43   | 188.63   | 188.49     | 2.65    | ppb   |
| Barium     | 137-1 | 194.08   | 186.68   | 188.93   | 189.89     | 2.00    | ppb   |
| Beryllium  | 9-1   | 1.06     | 1.00     | 0.87     | 0.98       | 9.66    | ppb   |
| Bismuth    | 209-1 |          |          |          | 114        |         | %     |
| Bismuth    | 209-2 |          |          |          | 109        |         | %     |
| Boron      | 10-1  | 3.75     | 3.78     | 2.21     | 3.25       | 27.67   | ppb   |
| Boron      | 11-1  | 3.35     | 3.18     | 3.49     | 3.34       | 4.68    | ppb   |
| Cadmium    | 111-1 | 0.19     | 0.26     | 0.19     | 0.21       | 18.82   | ppb   |
| Cadmium    | 106-1 | -2.01    | -0.74    | -1.64    | -1.46      |         | ppb   |
| Cadmium    | 108-1 | 0.72     | 0.65     | 0.84     | 0.74       | 13.00   | ppb   |
| Calcium    | 43-1  | 5971.68  | 5803.37  | 5844.49  | 5873.18    | 1.49    | ppb   |
| Calcium    | 44-1  | 6181.23  | 5988.88  | 6062.24  | 6077.45    | 1.60    | ppb   |
| Chromium   | 52-2  | 87.37    | 90.61    | 91.79    | 89.93      | 2.54    | ppb   |
| Cobalt     | 59-2  | 45.08    | 46.59    | 47.75    | 46.48      | 2.88    | ppb   |
| Copper     | 63-2  | 216.42   | 224.38   | 230.62   | 223.81     | 3.18    | ppb   |
| Dysprosium | 156-1 |          |          |          |            |         | cps   |
| Dysprosium | 156-2 |          |          |          |            |         | cps   |
| Erbium     | 164-1 |          |          |          |            |         | cps   |
| Erbium     | 164-2 |          |          |          |            |         | cps   |
| Gadolinium | 160-1 |          |          |          |            |         | cps   |
| Gadolinium | 160-2 |          |          |          |            |         | cps   |
| Holmium    | 165-1 |          |          |          | 111        |         | %     |
| Holmium    | 165-2 |          |          |          | 105        |         | %     |
| Indium     | 115-1 |          |          |          | 105        |         | %     |
| Indium     | 115-2 |          |          |          | 96         |         | %     |
| Iron       | 56-2  | 82103.93 | 84272.32 | 86915.77 | 84430.67   | 2.85    | ppb   |
| Iron       | 57-2  | 81134.12 | 83054.79 | 85516.19 | 83235.03   | 2.64    | ppb   |
| Lead       | 206-1 | 22.76    | 22.42    | 23.03    | 22.74      | 1.36    | ppb   |
| Lead       | 207-1 | 21.08    | 20.22    | 20.86    | 20.72      | 2.15    | ppb   |
| Lead       | 208-1 | 22.00    | 21.48    | 21.95    | 21.81      | 1.32    | ppb   |
| Lithium    | 6-1   |          |          |          | 105        |         | %     |
| Magnesium  | 24-2  | 3627.10  | 3801.41  | 3866.08  | 3764.86    | 3.28    | ppb   |
| Manganese  | 55-2  | 2334.18  | 2402.35  | 2455.36  | 2397.30    | 2.53    | ppb   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB94089             | Operator :        | Jaswal    |
| Lab Sample ID :         | J1989-01            | Instrumnet Name : | P8        |
| Client Sample ID :      | MJHRA0              | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2018-03-22 15:36:03 | DataFile Name :   | 063SMPL.d |

| Parameter  | Mass  | ConRep1  | ConRep2  | ConRep3  | Avg. Conc. | ConcRSD | Units |
|------------|-------|----------|----------|----------|------------|---------|-------|
| Molybdenum | 94-1  | 2.69     | 2.39     | 2.42     | 2.50       | 6.50    | ppb   |
| Molybdenum | 95-1  | 0.60     | 0.63     | 0.56     | 0.60       | 6.01    | ppb   |
| Molybdenum | 96-1  | 1.01     | 1.02     | 1.10     | 1.04       | 4.84    | ppb   |
| Molybdenum | 97-1  | 0.58     | 0.49     | 0.52     | 0.53       | 8.30    | ppb   |
| Molybdenum | 98-1  | 0.62     | 0.59     | 0.57     | 0.59       | 3.85    | ppb   |
| Neodymium  | 150-1 |          |          |          |            |         | cps   |
| Neodymium  | 150-2 |          |          |          |            |         | cps   |
| Nickel     | 60-2  | 49.85    | 51.04    | 52.14    | 51.01      | 2.24    | ppb   |
| Phosphorus | 31-2  | 1112.05  | 1468.87  | 1421.84  | 1334.25    | 14.53   | ppb   |
| Potassium  | 39-2  | 1057.31  | 1111.25  | 1114.40  | 1094.32    | 2.93    | ppb   |
| Rhodium    | 103-1 |          |          |          | 103        |         | %     |
| Rhodium    | 103-2 |          |          |          | 100        |         | %     |
| Scandium   | 45-1  |          |          |          | 103        |         | %     |
| Scandium   | 45-2  |          |          |          | 94         |         | %     |
| Selenium   | 77-2  | 45.29    | 18.50    | 54.21    | 39.33      | 47.25   | ppb   |
| Selenium   | 78-2  | 5.95     | 3.95     | 1.87     | 3.92       | 51.97   | ppb   |
| Selenium   | 82-1  | 0.09     | 0.00     | 0.65     | 0.25       | 144.64  | ppb   |
| Silicon    | 28-1  | 1442.87  | 1405.29  | 1342.32  | 1396.83    | 3.64    | ppb   |
| Silver     | 109-1 | 0.13     | 0.13     | 0.12     | 0.13       | 4.80    | ppb   |
| Silver     | 107-1 | 0.12     | 0.14     | 0.16     | 0.14       | 14.89   | ppb   |
| Sodium     | 23-2  | 121.90   | 126.63   | 120.71   | 123.08     | 2.54    | ppb   |
| Strontium  | 86-1  | 89.10    | 86.85    | 86.27    | 87.41      | 1.71    | ppb   |
| Strontium  | 88-1  | 91.76    | 91.14    | 88.27    | 90.39      | 2.06    | ppb   |
| Sulfur     | 34-1  | -6465.38 | -7076.21 | -6889.99 | -6810.53   |         | ppb   |
| Terbium    | 159-1 |          |          |          | 111        |         | %     |
| Terbium    | 159-2 |          |          |          | 104        |         | %     |
| Thallium   | 203-1 | 0.27     | 0.29     | 0.25     | 0.27       | 8.89    | ppb   |
| Thallium   | 205-1 | 0.28     | 0.28     | 0.25     | 0.27       | 5.51    | ppb   |
| Tin        | 118-1 | 1.85     | 1.89     | 1.91     | 1.88       | 1.71    | ppb   |
| Titanium   | 47-1  | 131.03   | 126.23   | 124.69   | 127.32     | 2.60    | ppb   |
| Uranium    | 238-1 | 0.28     | 0.28     | 0.28     | 0.28       | 1.24    | ppb   |
| Vanadium   | 51-2  | 179.81   | 180.44   | 184.80   | 181.68     | 1.50    | ppb   |
| Yttrium    | 89-1  |          |          |          | 107        |         | %     |
| Yttrium    | 89-2  |          |          |          | 99         |         | %     |
| Zinc       | 66-2  | 210.44   | 218.36   | 221.66   | 216.82     | 2.66    | ppb   |
| Zirconium  | 90-1  | 1.48     | 1.42     | 1.41     | 1.44       | 2.42    | ppb   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB94089             | Operator :        | Jaswal    |
| Lab Sample ID :         | J1989-01            | Instrumnet Name : | P8        |
| Client Sample ID :      | MJHRA0              | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2018-03-22 15:36:03 | DataFile Name :   | 063SMPL.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|-----------|------|---------|---------|---------|------------|---------|-------|
| Zirconium | 91-1 | 1.44    | 1.39    | 1.28    | 1.37       | 5.82    | ppb   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB94089             | Operator :        | Jaswal    |
| Lab Sample ID :         | J1989-02            | Instrumnet Name : | P8        |
| Client Sample ID :      | MJHRA1              | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2018-03-22 15:39:21 | DataFile Name :   | 064SMPL.d |

| Parameter  | Mass  | ConRep1  | ConRep2  | ConRep3  | Avg. Conc. | ConcRSD | Units |
|------------|-------|----------|----------|----------|------------|---------|-------|
| Aluminium  | 27-2  | 22114.32 | 22837.16 | 23168.24 | 22706.57   | 2.37    | ppb   |
| Antimony   | 121-1 | 2.76     | 2.77     | 2.68     | 2.74       | 1.73    | ppb   |
| Arsenic    | 75-2  | 43.41    | 39.76    | 43.24    | 42.14      | 4.89    | ppb   |
| Barium     | 135-1 | 416.84   | 422.36   | 409.68   | 416.29     | 1.53    | ppb   |
| Barium     | 137-1 | 417.50   | 421.17   | 410.65   | 416.44     | 1.28    | ppb   |
| Beryllium  | 9-1   | 0.73     | 0.82     | 0.77     | 0.77       | 5.68    | ppb   |
| Bismuth    | 209-1 |          |          |          | 114        |         | %     |
| Bismuth    | 209-2 |          |          |          | 108        |         | %     |
| Boron      | 10-1  | 2.04     | 1.79     | 1.92     | 1.92       | 6.61    | ppb   |
| Boron      | 11-1  | 2.43     | 2.50     | 2.54     | 2.49       | 2.32    | ppb   |
| Cadmium    | 111-1 | 0.10     | 0.00     | 0.09     | 0.06       | 89.48   | ppb   |
| Cadmium    | 106-1 | -1.08    | -2.71    | -1.81    | -1.87      |         | ppb   |
| Cadmium    | 108-1 | 0.37     | 0.29     | 0.62     | 0.43       | 40.95   | ppb   |
| Calcium    | 43-1  | 12811.89 | 12799.42 | 12483.86 | 12698.39   | 1.46    | ppb   |
| Calcium    | 44-1  | 13157.61 | 13136.16 | 12741.04 | 13011.60   | 1.80    | ppb   |
| Chromium   | 52-2  | 35.96    | 36.34    | 37.23    | 36.51      | 1.79    | ppb   |
| Cobalt     | 59-2  | 24.55    | 25.45    | 25.28    | 25.09      | 1.92    | ppb   |
| Copper     | 63-2  | 61.10    | 61.24    | 62.23    | 61.53      | 1.00    | ppb   |
| Dysprosium | 156-1 |          |          |          |            |         | cps   |
| Dysprosium | 156-2 |          |          |          |            |         | cps   |
| Erbium     | 164-1 |          |          |          |            |         | cps   |
| Erbium     | 164-2 |          |          |          |            |         | cps   |
| Gadolinium | 160-1 |          |          |          |            |         | cps   |
| Gadolinium | 160-2 |          |          |          |            |         | cps   |
| Holmium    | 165-1 |          |          |          | 111        |         | %     |
| Holmium    | 165-2 |          |          |          | 104        |         | %     |
| Indium     | 115-1 |          |          |          | 103        |         | %     |
| Indium     | 115-2 |          |          |          | 96         |         | %     |
| Iron       | 56-2  | 41327.31 | 42838.87 | 42408.43 | 42191.54   | 1.85    | ppb   |
| Iron       | 57-2  | 41118.20 | 41790.98 | 41671.49 | 41526.89   | 0.86    | ppb   |
| Lead       | 206-1 | 68.89    | 67.33    | 67.14    | 67.78      | 1.42    | ppb   |
| Lead       | 207-1 | 60.87    | 59.30    | 58.69    | 59.62      | 1.89    | ppb   |
| Lead       | 208-1 | 64.79    | 63.16    | 62.89    | 63.61      | 1.61    | ppb   |
| Lithium    | 6-1   |          |          |          | 104        |         | %     |
| Magnesium  | 24-2  | 4002.52  | 4122.85  | 4133.45  | 4086.27    | 1.78    | ppb   |
| Manganese  | 55-2  | 2983.58  | 3057.76  | 3035.18  | 3025.51    | 1.26    | ppb   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB94089             | Operator :        | Jaswal    |
| Lab Sample ID :         | J1989-02            | Instrumnet Name : | P8        |
| Client Sample ID :      | MJHRA1              | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2018-03-22 15:39:21 | DataFile Name :   | 064SMPL.d |

| Parameter  | Mass  | ConRep1  | ConRep2  | ConRep3  | Avg. Conc. | ConcRSD | Units |
|------------|-------|----------|----------|----------|------------|---------|-------|
| Molybdenum | 94-1  | 1.12     | 0.99     | 0.93     | 1.01       | 9.77    | ppb   |
| Molybdenum | 95-1  | 0.42     | 0.47     | 0.36     | 0.42       | 12.20   | ppb   |
| Molybdenum | 96-1  | 0.53     | 0.65     | 0.58     | 0.59       | 10.38   | ppb   |
| Molybdenum | 97-1  | 0.42     | 0.39     | 0.42     | 0.41       | 4.05    | ppb   |
| Molybdenum | 98-1  | 0.46     | 0.45     | 0.40     | 0.44       | 6.82    | ppb   |
| Neodymium  | 150-1 |          |          |          |            |         | cps   |
| Neodymium  | 150-2 |          |          |          |            |         | cps   |
| Nickel     | 60-2  | 23.88    | 23.61    | 24.77    | 24.09      | 2.53    | ppb   |
| Phosphorus | 31-2  | 2567.25  | 2036.14  | 2782.02  | 2461.80    | 15.60   | ppb   |
| Potassium  | 39-2  | 1044.68  | 1141.28  | 1071.67  | 1085.88    | 4.59    | ppb   |
| Rhodium    | 103-1 |          |          |          | 103        |         | %     |
| Rhodium    | 103-2 |          |          |          | 102        |         | %     |
| Scandium   | 45-1  |          |          |          | 97         |         | %     |
| Scandium   | 45-2  |          |          |          | 89         |         | %     |
| Selenium   | 77-2  | 4.76     | 11.92    | 4.88     | 7.19       | 57.03   | ppb   |
| Selenium   | 78-2  | -0.32    | 2.98     | -1.41    | 0.42       | 543.88  | ppb   |
| Selenium   | 82-1  | 0.49     | -0.14    | 0.06     | 0.14       | 236.05  | ppb   |
| Silicon    | 28-1  | 1295.99  | 1287.21  | 1269.66  | 1284.29    | 1.04    | ppb   |
| Silver     | 109-1 | 0.10     | 0.12     | 0.12     | 0.12       | 8.59    | ppb   |
| Silver     | 107-1 | 0.10     | 0.12     | 0.10     | 0.10       | 8.62    | ppb   |
| Sodium     | 23-2  | 62.49    | 62.79    | 75.94    | 67.07      | 11.45   | ppb   |
| Strontium  | 86-1  | 129.51   | 127.39   | 126.43   | 127.78     | 1.23    | ppb   |
| Strontium  | 88-1  | 133.61   | 131.35   | 130.65   | 131.87     | 1.17    | ppb   |
| Sulfur     | 34-1  | -5625.64 | -5700.58 | -5784.47 | -5703.56   |         | ppb   |
| Terbium    | 159-1 |          |          |          | 110        |         | %     |
| Terbium    | 159-2 |          |          |          | 104        |         | %     |
| Thallium   | 203-1 | 0.12     | 0.09     | 0.12     | 0.11       | 15.09   | ppb   |
| Thallium   | 205-1 | 0.12     | 0.10     | 0.11     | 0.11       | 5.73    | ppb   |
| Tin        | 118-1 | 0.92     | 0.97     | 0.97     | 0.95       | 2.71    | ppb   |
| Titanium   | 47-1  | 121.66   | 123.06   | 121.93   | 122.21     | 0.61    | ppb   |
| Uranium    | 238-1 | 0.28     | 0.25     | 0.24     | 0.26       | 7.16    | ppb   |
| Vanadium   | 51-2  | 95.24    | 98.44    | 99.50    | 97.73      | 2.27    | ppb   |
| Yttrium    | 89-1  |          |          |          | 103        |         | %     |
| Yttrium    | 89-2  |          |          |          | 96         |         | %     |
| Zinc       | 66-2  | 224.00   | 228.18   | 231.08   | 227.75     | 1.56    | ppb   |
| Zirconium  | 90-1  | 0.45     | 0.50     | 0.50     | 0.48       | 5.73    | ppb   |



|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB94089             | Operator :        | Jaswal    |
| Lab Sample ID :         | J1989-02            | Instrumnet Name : | P8        |
| Client Sample ID :      | MJHRA1              | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2018-03-22 15:39:21 | DataFile Name :   | 064SMPL.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|-----------|------|---------|---------|---------|------------|---------|-------|
| Zirconium | 91-1 | 0.38    | 0.44    | 0.53    | 0.45       | 16.37   | ppb   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB94089             | Operator :        | Jaswal    |
| Lab Sample ID :         | J1989-03            | Instrumnet Name : | P8        |
| Client Sample ID :      | MJHRA2              | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2018-03-22 15:42:40 | DataFile Name :   | 065SMPL.d |

| Parameter  | Mass  | ConRep1  | ConRep2  | ConRep3  | Avg. Conc. | ConcRSD | Units |
|------------|-------|----------|----------|----------|------------|---------|-------|
| Aluminium  | 27-2  | 35645.67 | 33466.28 | 32819.29 | 33977.08   | 4.36    | ppb   |
| Antimony   | 121-1 | 14.58    | 14.96    | 14.41    | 14.65      | 1.94    | ppb   |
| Arsenic    | 75-2  | 119.46   | 109.96   | 109.80   | 113.07     | 4.89    | ppb   |
| Barium     | 135-1 | 163.17   | 168.75   | 160.49   | 164.14     | 2.57    | ppb   |
| Barium     | 137-1 | 165.24   | 168.65   | 163.01   | 165.63     | 1.71    | ppb   |
| Beryllium  | 9-1   | 0.61     | 0.62     | 0.49     | 0.58       | 12.94   | ppb   |
| Bismuth    | 209-1 |          |          |          | 115        |         | %     |
| Bismuth    | 209-2 |          |          |          | 109        |         | %     |
| Boron      | 10-1  | 4.12     | 3.62     | 3.42     | 3.72       | 9.59    | ppb   |
| Boron      | 11-1  | 4.54     | 4.29     | 4.10     | 4.31       | 5.05    | ppb   |
| Cadmium    | 111-1 | 0.39     | 0.42     | 0.51     | 0.44       | 13.29   | ppb   |
| Cadmium    | 106-1 | -0.94    | -1.34    | 0.60     | -0.56      |         | ppb   |
| Cadmium    | 108-1 | 0.49     | 0.68     | 0.61     | 0.59       | 15.57   | ppb   |
| Calcium    | 43-1  | 5071.25  | 5157.48  | 5007.86  | 5078.86    | 1.48    | ppb   |
| Calcium    | 44-1  | 5099.25  | 5226.26  | 5026.40  | 5117.30    | 1.98    | ppb   |
| Chromium   | 52-2  | 68.64    | 63.39    | 64.26    | 65.43      | 4.30    | ppb   |
| Cobalt     | 59-2  | 27.81    | 26.12    | 25.60    | 26.51      | 4.34    | ppb   |
| Copper     | 63-2  | 100.93   | 96.22    | 94.70    | 97.28      | 3.34    | 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 |          |          |          | 112        |         | %     |
| Holmium    | 165-2 |          |          |          | 103        |         | %     |
| Indium     | 115-1 |          |          |          | 104        |         | %     |
| Indium     | 115-2 |          |          |          | 95         |         | %     |
| Iron       | 56-2  | 53970.67 | 50236.80 | 49240.18 | 51149.22   | 4.88    | ppb   |
| Iron       | 57-2  | 52985.72 | 49210.58 | 48200.21 | 50132.17   | 5.03    | ppb   |
| Lead       | 206-1 | 34.90    | 35.88    | 35.13    | 35.30      | 1.45    | ppb   |
| Lead       | 207-1 | 32.33    | 32.74    | 31.57    | 32.21      | 1.84    | ppb   |
| Lead       | 208-1 | 33.78    | 34.15    | 33.34    | 33.76      | 1.20    | ppb   |
| Lithium    | 6-1   |          |          |          | 104        |         | %     |
| Magnesium  | 24-2  | 3040.30  | 2790.35  | 2763.89  | 2864.85    | 5.32    | ppb   |
| Manganese  | 55-2  | 1587.26  | 1471.93  | 1465.21  | 1508.13    | 4.55    | ppb   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB94089             | Operator :        | Jaswal    |
| Lab Sample ID :         | J1989-03            | Instrumnet Name : | P8        |
| Client Sample ID :      | MJHRA2              | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2018-03-22 15:42:40 | DataFile Name :   | 065SMPL.d |

| Parameter  | Mass  | ConRep1  | ConRep2  | ConRep3  | Avg. Conc. | ConcRSD | Units |
|------------|-------|----------|----------|----------|------------|---------|-------|
| Molybdenum | 94-1  | 1.80     | 1.97     | 1.79     | 1.85       | 5.66    | ppb   |
| Molybdenum | 95-1  | 0.48     | 0.61     | 0.62     | 0.57       | 13.38   | ppb   |
| Molybdenum | 96-1  | 0.83     | 0.97     | 0.85     | 0.88       | 8.46    | ppb   |
| Molybdenum | 97-1  | 0.52     | 0.53     | 0.69     | 0.58       | 16.70   | ppb   |
| Molybdenum | 98-1  | 0.63     | 0.60     | 0.55     | 0.59       | 6.71    | ppb   |
| Neodymium  | 150-1 |          |          |          |            |         | cps   |
| Neodymium  | 150-2 |          |          |          |            |         | cps   |
| Nickel     | 60-2  | 63.29    | 62.07    | 59.74    | 61.70      | 2.92    | ppb   |
| Phosphorus | 31-2  | 1433.83  | 1347.87  | 1495.70  | 1425.80    | 5.21    | ppb   |
| Potassium  | 39-2  | 746.71   | 734.06   | 647.65   | 709.47     | 7.60    | ppb   |
| Rhodium    | 103-1 |          |          |          | 104        |         | %     |
| Rhodium    | 103-2 |          |          |          | 101        |         | %     |
| Scandium   | 45-1  |          |          |          | 99         |         | %     |
| Scandium   | 45-2  |          |          |          | 88         |         | %     |
| Selenium   | 77-2  | 42.43    | 11.71    | 40.21    | 31.45      | 54.46   | ppb   |
| Selenium   | 78-2  | 2.05     | 1.84     | 10.63    | 4.84       | 103.59  | ppb   |
| Selenium   | 82-1  | -0.64    | -0.02    | -0.03    | -0.23      |         | ppb   |
| Silicon    | 28-1  | 1521.66  | 1611.61  | 1482.71  | 1538.66    | 4.30    | ppb   |
| Silver     | 109-1 | 0.10     | 0.12     | 0.13     | 0.11       | 14.47   | ppb   |
| Silver     | 107-1 | 0.10     | 0.15     | 0.10     | 0.11       | 23.64   | ppb   |
| Sodium     | 23-2  | 154.81   | 132.10   | 146.17   | 144.36     | 7.94    | ppb   |
| Strontium  | 86-1  | 72.67    | 73.85    | 70.05    | 72.19      | 2.69    | ppb   |
| Strontium  | 88-1  | 73.31    | 74.23    | 71.36    | 72.97      | 2.01    | ppb   |
| Sulfur     | 34-1  | -6111.79 | -6168.98 | -6594.44 | -6291.74   |         | ppb   |
| Terbium    | 159-1 |          |          |          | 111        |         | %     |
| Terbium    | 159-2 |          |          |          | 103        |         | %     |
| Thallium   | 203-1 | 0.18     | 0.20     | 0.21     | 0.20       | 7.98    | ppb   |
| Thallium   | 205-1 | 0.20     | 0.21     | 0.19     | 0.20       | 3.52    | ppb   |
| Tin        | 118-1 | 1.32     | 1.39     | 1.52     | 1.41       | 7.28    | ppb   |
| Titanium   | 47-1  | 129.18   | 131.59   | 127.14   | 129.30     | 1.72    | ppb   |
| Uranium    | 238-1 | 0.20     | 0.21     | 0.21     | 0.21       | 2.41    | ppb   |
| Vanadium   | 51-2  | 118.72   | 108.35   | 108.66   | 111.91     | 5.27    | ppb   |
| Yttrium    | 89-1  |          |          |          | 105        |         | %     |
| Yttrium    | 89-2  |          |          |          | 96         |         | %     |
| Zinc       | 66-2  | 179.40   | 164.90   | 160.83   | 168.38     | 5.80    | ppb   |
| Zirconium  | 90-1  | 0.79     | 0.92     | 0.85     | 0.85       | 7.56    | ppb   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB94089             | Operator :        | Jaswal    |
| Lab Sample ID :         | J1989-03            | Instrumnet Name : | P8        |
| Client Sample ID :      | MJHRA2              | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2018-03-22 15:42:40 | DataFile Name :   | 065SMPL.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|-----------|------|---------|---------|---------|------------|---------|-------|
| Zirconium | 91-1 | 0.92    | 0.91    | 0.89    | 0.91       | 2.19    | ppb   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB94089             | Operator :        | Jaswal    |
| Lab Sample ID :         | J1989-04            | Instrumnet Name : | P8        |
| Client Sample ID :      | MJHRA3              | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2018-03-22 15:46:01 | DataFile Name :   | 066SMPL.d |

| Parameter  | Mass  | ConRep1  | ConRep2  | ConRep3  | Avg. Conc. | ConcRSD | Units |
|------------|-------|----------|----------|----------|------------|---------|-------|
| Aluminium  | 27-2  | 40187.01 | 39377.02 | 39784.88 | 39782.97   | 1.02    | ppb   |
| Antimony   | 121-1 | 18.92    | 19.51    | 18.62    | 19.02      | 2.37    | ppb   |
| Arsenic    | 75-2  | 194.37   | 192.17   | 192.92   | 193.15     | 0.58    | ppb   |
| Barium     | 135-1 | 136.13   | 136.38   | 133.22   | 135.24     | 1.30    | ppb   |
| Barium     | 137-1 | 137.30   | 137.19   | 133.68   | 136.05     | 1.51    | ppb   |
| Beryllium  | 9-1   | 0.72     | 0.74     | 0.86     | 0.77       | 9.57    | ppb   |
| Bismuth    | 209-1 |          |          |          | 115        |         | %     |
| Bismuth    | 209-2 |          |          |          | 110        |         | %     |
| Boron      | 10-1  | 3.70     | 4.78     | 2.83     | 3.77       | 25.86   | ppb   |
| Boron      | 11-1  | 3.98     | 3.34     | 3.73     | 3.68       | 8.69    | ppb   |
| Cadmium    | 111-1 | 0.41     | 0.27     | 0.40     | 0.36       | 21.97   | ppb   |
| Cadmium    | 106-1 | -0.72    | -1.72    | -0.24    | -0.89      |         | ppb   |
| Cadmium    | 108-1 | 0.63     | 0.67     | 0.73     | 0.68       | 7.95    | ppb   |
| Calcium    | 43-1  | 4807.18  | 4913.03  | 4710.60  | 4810.27    | 2.10    | ppb   |
| Calcium    | 44-1  | 4832.34  | 4908.72  | 4735.26  | 4825.44    | 1.80    | ppb   |
| Chromium   | 52-2  | 85.27    | 87.53    | 85.56    | 86.12      | 1.42    | ppb   |
| Cobalt     | 59-2  | 31.09    | 31.46    | 30.94    | 31.16      | 0.86    | ppb   |
| Copper     | 63-2  | 147.18   | 146.56   | 146.74   | 146.83     | 0.22    | 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 |          |          |          | 112        |         | %     |
| Holmium    | 165-2 |          |          |          | 105        |         | %     |
| Indium     | 115-1 |          |          |          | 105        |         | %     |
| Indium     | 115-2 |          |          |          | 97         |         | %     |
| Iron       | 56-2  | 67973.43 | 67138.59 | 67586.14 | 67566.05   | 0.62    | ppb   |
| Iron       | 57-2  | 66375.57 | 66353.55 | 66673.31 | 66467.47   | 0.27    | ppb   |
| Lead       | 206-1 | 63.87    | 63.73    | 61.98    | 63.19      | 1.67    | ppb   |
| Lead       | 207-1 | 57.87    | 57.31    | 56.41    | 57.20      | 1.28    | ppb   |
| Lead       | 208-1 | 61.07    | 60.39    | 59.44    | 60.30      | 1.36    | ppb   |
| Lithium    | 6-1   |          |          |          | 104        |         | %     |
| Magnesium  | 24-2  | 3065.28  | 3107.21  | 3065.58  | 3079.36    | 0.78    | ppb   |
| Manganese  | 55-2  | 1567.07  | 1565.78  | 1558.11  | 1563.65    | 0.31    | ppb   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB94089             | Operator :        | Jaswal    |
| Lab Sample ID :         | J1989-04            | Instrumnet Name : | P8        |
| Client Sample ID :      | MJHRA3              | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2018-03-22 15:46:01 | DataFile Name :   | 066SMPL.d |

| Parameter  | Mass  | ConRep1  | ConRep2  | ConRep3  | Avg. Conc. | ConcRSD | Units |
|------------|-------|----------|----------|----------|------------|---------|-------|
| Molybdenum | 94-1  | 1.69     | 1.60     | 1.72     | 1.67       | 3.64    | ppb   |
| Molybdenum | 95-1  | 0.56     | 0.53     | 0.51     | 0.54       | 4.36    | ppb   |
| Molybdenum | 96-1  | 0.87     | 0.95     | 0.91     | 0.91       | 4.53    | ppb   |
| Molybdenum | 97-1  | 0.50     | 0.59     | 0.60     | 0.57       | 10.15   | ppb   |
| Molybdenum | 98-1  | 0.58     | 0.63     | 0.58     | 0.59       | 4.49    | ppb   |
| Neodymium  | 150-1 |          |          |          |            |         | cps   |
| Neodymium  | 150-2 |          |          |          |            |         | cps   |
| Nickel     | 60-2  | 39.64    | 41.74    | 40.65    | 40.67      | 2.58    | ppb   |
| Phosphorus | 31-2  | 2227.75  | 1806.80  | 2472.31  | 2168.95    | 15.52   | ppb   |
| Potassium  | 39-2  | 841.17   | 820.34   | 829.50   | 830.34     | 1.26    | ppb   |
| Rhodium    | 103-1 |          |          |          | 103        |         | %     |
| Rhodium    | 103-2 |          |          |          | 102        |         | %     |
| Scandium   | 45-1  |          |          |          | 100        |         | %     |
| Scandium   | 45-2  |          |          |          | 91         |         | %     |
| Selenium   | 77-2  | 39.27    | -2.29    | 18.74    | 18.57      | 111.87  | ppb   |
| Selenium   | 78-2  | 5.02     | 3.99     | 1.85     | 3.62       | 44.71   | ppb   |
| Selenium   | 82-1  | 0.02     | 0.29     | 0.21     | 0.17       | 80.57   | ppb   |
| Silicon    | 28-1  | 1572.69  | 1603.10  | 1508.60  | 1561.47    | 3.09    | ppb   |
| Silver     | 109-1 | 0.16     | 0.15     | 0.13     | 0.15       | 9.40    | ppb   |
| Silver     | 107-1 | 0.14     | 0.14     | 0.11     | 0.13       | 16.14   | ppb   |
| Sodium     | 23-2  | 248.04   | 232.51   | 234.14   | 238.23     | 3.58    | ppb   |
| Strontium  | 86-1  | 63.96    | 62.73    | 64.01    | 63.57      | 1.14    | ppb   |
| Strontium  | 88-1  | 64.04    | 63.97    | 62.53    | 63.51      | 1.34    | ppb   |
| Sulfur     | 34-1  | -6482.86 | -6390.89 | -6783.14 | -6552.30   |         | ppb   |
| Terbium    | 159-1 |          |          |          | 111        |         | %     |
| Terbium    | 159-2 |          |          |          | 104        |         | %     |
| Thallium   | 203-1 | 0.21     | 0.22     | 0.22     | 0.22       | 3.16    | ppb   |
| Thallium   | 205-1 | 0.23     | 0.22     | 0.24     | 0.23       | 3.61    | ppb   |
| Tin        | 118-1 | 8.90     | 8.83     | 8.47     | 8.73       | 2.69    | ppb   |
| Titanium   | 47-1  | 106.71   | 110.92   | 106.02   | 107.88     | 2.46    | ppb   |
| Uranium    | 238-1 | 0.20     | 0.19     | 0.19     | 0.19       | 3.43    | ppb   |
| Vanadium   | 51-2  | 136.71   | 132.65   | 134.95   | 134.77     | 1.51    | ppb   |
| Yttrium    | 89-1  |          |          |          | 106        |         | %     |
| Yttrium    | 89-2  |          |          |          | 98         |         | %     |
| Zinc       | 66-2  | 207.43   | 210.27   | 208.20   | 208.63     | 0.70    | ppb   |
| Zirconium  | 90-1  | 0.94     | 0.86     | 0.82     | 0.87       | 6.62    | ppb   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB94089             | Operator :        | Jaswal    |
| Lab Sample ID :         | J1989-04            | Instrumnet Name : | P8        |
| Client Sample ID :      | MJHRA3              | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2018-03-22 15:46:01 | DataFile Name :   | 066SMPL.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|-----------|------|---------|---------|---------|------------|---------|-------|
| Zirconium | 91-1 | 1.04    | 0.86    | 0.94    | 0.94       | 9.50    | ppb   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB94089             | Operator :        | Jaswal    |
| Lab Sample ID :         | J1989-05            | Instrumnet Name : | P8        |
| Client Sample ID :      | MJHRA4              | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2018-03-22 15:49:19 | DataFile Name :   | 067SMPL.d |

| Parameter  | Mass  | ConRep1  | ConRep2  | ConRep3  | Avg. Conc. | ConcRSD | Units |
|------------|-------|----------|----------|----------|------------|---------|-------|
| Aluminium  | 27-2  | 48166.35 | 46582.92 | 46120.77 | 46956.68   | 2.28    | ppb   |
| Antimony   | 121-1 | 11.61    | 11.54    | 11.53    | 11.56      | 0.40    | ppb   |
| Arsenic    | 75-2  | 129.18   | 124.94   | 130.66   | 128.26     | 2.32    | ppb   |
| Barium     | 135-1 | 158.15   | 158.99   | 155.21   | 157.45     | 1.26    | ppb   |
| Barium     | 137-1 | 157.06   | 161.09   | 156.07   | 158.07     | 1.68    | ppb   |
| Beryllium  | 9-1   | 0.81     | 0.91     | 0.72     | 0.81       | 11.78   | ppb   |
| Bismuth    | 209-1 |          |          |          | 115        |         | %     |
| Bismuth    | 209-2 |          |          |          | 109        |         | %     |
| Boron      | 10-1  | 5.31     | 4.73     | 3.40     | 4.48       | 21.85   | ppb   |
| Boron      | 11-1  | 4.87     | 4.99     | 5.63     | 5.16       | 7.90    | ppb   |
| Cadmium    | 111-1 | 0.36     | 0.33     | 0.30     | 0.33       | 9.80    | ppb   |
| Cadmium    | 106-1 | -1.05    | -2.36    | -0.67    | -1.36      |         | ppb   |
| Cadmium    | 108-1 | 0.80     | 0.59     | 0.91     | 0.76       | 21.55   | ppb   |
| Calcium    | 43-1  | 11355.47 | 11686.20 | 11321.02 | 11454.23   | 1.76    | ppb   |
| Calcium    | 44-1  | 11570.75 | 11958.05 | 11602.25 | 11710.35   | 1.84    | ppb   |
| Chromium   | 52-2  | 80.23    | 78.56    | 77.41    | 78.73      | 1.80    | ppb   |
| Cobalt     | 59-2  | 40.01    | 37.97    | 38.70    | 38.89      | 2.65    | ppb   |
| Copper     | 63-2  | 182.31   | 178.10   | 177.44   | 179.28     | 1.47    | ppb   |
| Dysprosium | 156-1 |          |          |          |            |         | cps   |
| Dysprosium | 156-2 |          |          |          |            |         | cps   |
| Erbium     | 164-1 |          |          |          |            |         | cps   |
| Erbium     | 164-2 |          |          |          |            |         | cps   |
| Gadolinium | 160-1 |          |          |          |            |         | cps   |
| Gadolinium | 160-2 |          |          |          |            |         | cps   |
| Holmium    | 165-1 |          |          |          | 112        |         | %     |
| Holmium    | 165-2 |          |          |          | 104        |         | %     |
| Indium     | 115-1 |          |          |          | 104        |         | %     |
| Indium     | 115-2 |          |          |          | 95         |         | %     |
| Iron       | 56-2  | 66372.72 | 64424.07 | 64106.58 | 64967.79   | 1.89    | ppb   |
| Iron       | 57-2  | 65681.09 | 63477.57 | 63598.92 | 64252.53   | 1.93    | ppb   |
| Lead       | 206-1 | 68.29    | 69.61    | 66.51    | 68.14      | 2.28    | ppb   |
| Lead       | 207-1 | 61.53    | 63.18    | 60.14    | 61.61      | 2.47    | ppb   |
| Lead       | 208-1 | 64.75    | 66.28    | 63.46    | 64.83      | 2.18    | ppb   |
| Lithium    | 6-1   |          |          |          | 106        |         | %     |
| Magnesium  | 24-2  | 9283.83  | 8872.76  | 8921.10  | 9025.90    | 2.49    | ppb   |
| Manganese  | 55-2  | 1691.27  | 1637.19  | 1633.39  | 1653.95    | 1.96    | ppb   |



|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB94089             | Operator :        | Jaswal    |
| Lab Sample ID :         | J1989-05            | Instrumnet Name : | P8        |
| Client Sample ID :      | MJHRA4              | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2018-03-22 15:49:19 | DataFile Name :   | 067SMPL.d |

| Parameter  | Mass  | ConRep1  | ConRep2  | ConRep3  | Avg. Conc. | ConcRSD | Units |
|------------|-------|----------|----------|----------|------------|---------|-------|
| Molybdenum | 94-1  | 1.63     | 1.59     | 1.64     | 1.62       | 1.58    | ppb   |
| Molybdenum | 95-1  | 0.55     | 0.51     | 0.49     | 0.52       | 6.32    | ppb   |
| Molybdenum | 96-1  | 0.80     | 0.79     | 0.73     | 0.77       | 5.01    | ppb   |
| Molybdenum | 97-1  | 0.52     | 0.50     | 0.49     | 0.50       | 3.21    | ppb   |
| Molybdenum | 98-1  | 0.51     | 0.48     | 0.52     | 0.50       | 3.61    | ppb   |
| Neodymium  | 150-1 |          |          |          |            |         | cps   |
| Neodymium  | 150-2 |          |          |          |            |         | cps   |
| Nickel     | 60-2  | 39.91    | 37.70    | 38.20    | 38.60      | 3.00    | ppb   |
| Phosphorus | 31-2  | 2014.42  | 1782.65  | 2010.91  | 1935.99    | 6.86    | ppb   |
| Potassium  | 39-2  | 1215.83  | 1173.09  | 1149.02  | 1179.31    | 2.87    | ppb   |
| Rhodium    | 103-1 |          |          |          | 103        |         | %     |
| Rhodium    | 103-2 |          |          |          | 101        |         | %     |
| Scandium   | 45-1  |          |          |          | 99         |         | %     |
| Scandium   | 45-2  |          |          |          | 91         |         | %     |
| Selenium   | 77-2  | 33.07    | 18.70    | 61.59    | 37.79      | 57.78   | ppb   |
| Selenium   | 78-2  | 2.97     | 7.24     | 4.08     | 4.76       | 46.57   | ppb   |
| Selenium   | 82-1  | 0.68     | -0.16    | -0.06    | 0.16       | 293.26  | ppb   |
| Silicon    | 28-1  | 1241.68  | 1282.59  | 1235.03  | 1253.10    | 2.06    | ppb   |
| Silver     | 109-1 | 0.13     | 0.16     | 0.16     | 0.15       | 12.10   | ppb   |
| Silver     | 107-1 | 0.17     | 0.22     | 0.17     | 0.19       | 14.85   | ppb   |
| Sodium     | 23-2  | 789.47   | 770.67   | 754.21   | 771.45     | 2.29    | ppb   |
| Strontium  | 86-1  | 131.38   | 135.96   | 128.08   | 131.81     | 3.00    | ppb   |
| Strontium  | 88-1  | 136.02   | 137.28   | 133.86   | 135.72     | 1.27    | ppb   |
| Sulfur     | 34-1  | -6831.54 | -6687.73 | -6772.21 | -6763.83   |         | ppb   |
| Terbium    | 159-1 |          |          |          | 111        |         | %     |
| Terbium    | 159-2 |          |          |          | 105        |         | %     |
| Thallium   | 203-1 | 0.21     | 0.21     | 0.23     | 0.22       | 6.30    | ppb   |
| Thallium   | 205-1 | 0.21     | 0.20     | 0.20     | 0.20       | 3.78    | ppb   |
| Tin        | 118-1 | 4.35     | 4.42     | 4.31     | 4.36       | 1.31    | ppb   |
| Titanium   | 47-1  | 120.79   | 125.09   | 120.46   | 122.11     | 2.11    | ppb   |
| Uranium    | 238-1 | 0.23     | 0.21     | 0.20     | 0.22       | 6.72    | ppb   |
| Vanadium   | 51-2  | 134.54   | 132.62   | 129.95   | 132.37     | 1.74    | ppb   |
| Yttrium    | 89-1  |          |          |          | 105        |         | %     |
| Yttrium    | 89-2  |          |          |          | 97         |         | %     |
| Zinc       | 66-2  | 203.81   | 190.73   | 195.30   | 196.61     | 3.37    | ppb   |
| Zirconium  | 90-1  | 0.84     | 0.83     | 0.93     | 0.87       | 6.71    | ppb   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB94089             | Operator :        | Jaswal    |
| Lab Sample ID :         | J1989-05            | Instrumnet Name : | P8        |
| Client Sample ID :      | MJHRA4              | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2018-03-22 15:49:19 | DataFile Name :   | 067SMPL.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|-----------|------|---------|---------|---------|------------|---------|-------|
| Zirconium | 91-1 | 0.93    | 1.01    | 0.99    | 0.98       | 4.49    | ppb   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB94089             | Operator :        | Jaswal    |
| Lab Sample ID :         | J1989-06            | Instrumnet Name : | P8        |
| Client Sample ID :      | MJHRA5              | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2018-03-22 15:52:39 | DataFile Name :   | 068SMPL.d |

| Parameter  | Mass  | ConRep1  | ConRep2  | ConRep3  | Avg. Conc. | ConcRSD | Units |
|------------|-------|----------|----------|----------|------------|---------|-------|
| Aluminium  | 27-2  | 41715.27 | 40719.64 | 41966.51 | 41467.14   | 1.59    | ppb   |
| Antimony   | 121-1 | 10.52    | 10.62    | 10.29    | 10.48      | 1.57    | ppb   |
| Arsenic    | 75-2  | 117.92   | 112.12   | 112.13   | 114.06     | 2.93    | ppb   |
| Barium     | 135-1 | 153.79   | 155.01   | 151.41   | 153.40     | 1.19    | ppb   |
| Barium     | 137-1 | 154.72   | 156.85   | 151.14   | 154.24     | 1.87    | ppb   |
| Beryllium  | 9-1   | 0.85     | 0.76     | 0.70     | 0.77       | 10.16   | ppb   |
| Bismuth    | 209-1 |          |          |          | 115        |         | %     |
| Bismuth    | 209-2 |          |          |          | 108        |         | %     |
| Boron      | 10-1  | 7.09     | 4.50     | 3.31     | 4.96       | 38.96   | ppb   |
| Boron      | 11-1  | 4.69     | 5.15     | 4.53     | 4.79       | 6.79    | ppb   |
| Cadmium    | 111-1 | 0.28     | 0.34     | 0.30     | 0.31       | 9.67    | ppb   |
| Cadmium    | 106-1 | -0.74    | -0.92    | -0.85    | -0.84      |         | ppb   |
| Cadmium    | 108-1 | 0.97     | 1.37     | 1.42     | 1.25       | 19.73   | ppb   |
| Calcium    | 43-1  | 11946.62 | 11922.55 | 11765.84 | 11878.33   | 0.83    | ppb   |
| Calcium    | 44-1  | 12089.99 | 12123.31 | 11974.06 | 12062.45   | 0.65    | ppb   |
| Chromium   | 52-2  | 87.40    | 85.79    | 86.44    | 86.54      | 0.94    | ppb   |
| Cobalt     | 59-2  | 46.74    | 44.36    | 45.12    | 45.40      | 2.67    | ppb   |
| Copper     | 63-2  | 181.45   | 178.68   | 180.65   | 180.26     | 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 |          |          |          | 111        |         | %     |
| Holmium    | 165-2 |          |          |          | 103        |         | %     |
| Indium     | 115-1 |          |          |          | 104        |         | %     |
| Indium     | 115-2 |          |          |          | 96         |         | %     |
| Iron       | 56-2  | 80129.99 | 77819.22 | 77758.40 | 78569.20   | 1.72    | ppb   |
| Iron       | 57-2  | 79088.47 | 76947.16 | 77132.66 | 77722.76   | 1.53    | ppb   |
| Lead       | 206-1 | 61.63    | 61.11    | 58.42    | 60.39      | 2.85    | ppb   |
| Lead       | 207-1 | 55.23    | 55.51    | 52.82    | 54.52      | 2.71    | ppb   |
| Lead       | 208-1 | 58.32    | 58.26    | 56.09    | 57.56      | 2.20    | ppb   |
| Lithium    | 6-1   |          |          |          | 105        |         | %     |
| Magnesium  | 24-2  | 10329.33 | 9970.70  | 10174.46 | 10158.16   | 1.77    | ppb   |
| Manganese  | 55-2  | 2907.59  | 2832.00  | 2846.34  | 2861.98    | 1.40    | ppb   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB94089             | Operator :        | Jaswal    |
| Lab Sample ID :         | J1989-06            | Instrumnet Name : | P8        |
| Client Sample ID :      | MJHRA5              | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2018-03-22 15:52:39 | DataFile Name :   | 068SMPL.d |

| Parameter  | Mass  | ConRep1  | ConRep2  | ConRep3  | Avg. Conc. | ConcRSD | Units |
|------------|-------|----------|----------|----------|------------|---------|-------|
| Molybdenum | 94-1  | 1.87     | 1.82     | 1.65     | 1.78       | 6.38    | ppb   |
| Molybdenum | 95-1  | 0.42     | 0.42     | 0.41     | 0.41       | 1.63    | ppb   |
| Molybdenum | 96-1  | 0.76     | 0.81     | 0.74     | 0.77       | 4.85    | ppb   |
| Molybdenum | 97-1  | 0.47     | 0.35     | 0.43     | 0.42       | 15.28   | ppb   |
| Molybdenum | 98-1  | 0.46     | 0.44     | 0.39     | 0.43       | 8.79    | ppb   |
| Neodymium  | 150-1 |          |          |          |            |         | cps   |
| Neodymium  | 150-2 |          |          |          |            |         | cps   |
| Nickel     | 60-2  | 45.05    | 43.09    | 44.46    | 44.20      | 2.27    | ppb   |
| Phosphorus | 31-2  | 2214.98  | 2364.62  | 2267.82  | 2282.47    | 3.32    | ppb   |
| Potassium  | 39-2  | 1242.47  | 1191.88  | 1232.72  | 1222.35    | 2.20    | ppb   |
| Rhodium    | 103-1 |          |          |          | 102        |         | %     |
| Rhodium    | 103-2 |          |          |          | 101        |         | %     |
| Scandium   | 45-1  |          |          |          | 99         |         | %     |
| Scandium   | 45-2  |          |          |          | 91         |         | %     |
| Selenium   | 77-2  | 40.57    | 32.22    | 53.21    | 42.00      | 25.16   | ppb   |
| Selenium   | 78-2  | 3.01     | 6.06     | 5.03     | 4.70       | 32.98   | ppb   |
| Selenium   | 82-1  | 0.77     | 0.29     | 0.37     | 0.48       | 53.31   | ppb   |
| Silicon    | 28-1  | 1542.83  | 1540.09  | 1526.09  | 1536.34    | 0.58    | ppb   |
| Silver     | 109-1 | 0.17     | 0.17     | 0.15     | 0.16       | 5.01    | ppb   |
| Silver     | 107-1 | 0.15     | 0.16     | 0.15     | 0.15       | 3.75    | ppb   |
| Sodium     | 23-2  | 725.58   | 672.26   | 697.38   | 698.41     | 3.82    | ppb   |
| Strontium  | 86-1  | 170.81   | 174.48   | 169.14   | 171.48     | 1.59    | ppb   |
| Strontium  | 88-1  | 176.21   | 177.58   | 175.82   | 176.54     | 0.52    | ppb   |
| Sulfur     | 34-1  | -6476.97 | -6467.78 | -6539.65 | -6494.80   |         | ppb   |
| Terbium    | 159-1 |          |          |          | 111        |         | %     |
| Terbium    | 159-2 |          |          |          | 104        |         | %     |
| Thallium   | 203-1 | 0.18     | 0.15     | 0.21     | 0.18       | 16.02   | ppb   |
| Thallium   | 205-1 | 0.18     | 0.18     | 0.18     | 0.18       | 0.49    | ppb   |
| Tin        | 118-1 | 2.36     | 2.42     | 2.10     | 2.29       | 7.49    | ppb   |
| Titanium   | 47-1  | 111.28   | 114.65   | 115.19   | 113.70     | 1.86    | ppb   |
| Uranium    | 238-1 | 0.21     | 0.24     | 0.21     | 0.22       | 7.79    | ppb   |
| Vanadium   | 51-2  | 152.79   | 147.95   | 147.86   | 149.54     | 1.89    | ppb   |
| Yttrium    | 89-1  |          |          |          | 106        |         | %     |
| Yttrium    | 89-2  |          |          |          | 98         |         | %     |
| Zinc       | 66-2  | 221.83   | 213.82   | 214.17   | 216.61     | 2.09    | ppb   |
| Zirconium  | 90-1  | 0.96     | 0.94     | 0.91     | 0.94       | 2.24    | ppb   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB94089             | Operator :        | Jaswal    |
| Lab Sample ID :         | J1989-06            | Instrumnet Name : | P8        |
| Client Sample ID :      | MJHRA5              | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2018-03-22 15:52:39 | DataFile Name :   | 068SMPL.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|-----------|------|---------|---------|---------|------------|---------|-------|
| Zirconium | 91-1 | 0.98    | 1.05    | 0.85    | 0.96       | 10.35   | ppb   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB94089             | Operator :        | Jaswal    |
| Lab Sample ID :         | J1989-07            | Instrumnet Name : | P8        |
| Client Sample ID :      | MJHRA6              | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2018-03-22 15:55:57 | DataFile Name :   | 069SMPL.d |

| Parameter  | Mass  | ConRep1  | ConRep2  | ConRep3  | Avg. Conc. | ConcRSD | Units |
|------------|-------|----------|----------|----------|------------|---------|-------|
| Aluminium  | 27-2  | 25267.73 | 24778.86 | 25106.85 | 25051.15   | 0.99    | ppb   |
| Antimony   | 121-1 | 10.28    | 10.18    | 10.37    | 10.28      | 0.89    | ppb   |
| Arsenic    | 75-2  | 151.75   | 153.32   | 144.22   | 149.76     | 3.25    | ppb   |
| Barium     | 135-1 | 226.04   | 224.86   | 229.17   | 226.69     | 0.98    | ppb   |
| Barium     | 137-1 | 227.59   | 228.40   | 231.58   | 229.19     | 0.92    | ppb   |
| Beryllium  | 9-1   | 0.68     | 0.64     | 0.66     | 0.66       | 3.15    | ppb   |
| Bismuth    | 209-1 |          |          |          | 118        |         | %     |
| Bismuth    | 209-2 |          |          |          | 112        |         | %     |
| Boron      | 10-1  | 2.34     | 2.35     | 2.01     | 2.23       | 8.79    | ppb   |
| Boron      | 11-1  | 3.10     | 3.18     | 3.13     | 3.14       | 1.38    | ppb   |
| Cadmium    | 111-1 | 0.57     | 0.59     | 0.68     | 0.61       | 9.57    | ppb   |
| Cadmium    | 106-1 | -1.46    | -1.83    | -0.59    | -1.29      |         | ppb   |
| Cadmium    | 108-1 | 0.94     | 1.48     | 1.04     | 1.15       | 25.26   | ppb   |
| Calcium    | 43-1  | 5818.15  | 5864.57  | 5960.08  | 5880.93    | 1.23    | ppb   |
| Calcium    | 44-1  | 5819.73  | 6021.44  | 6107.18  | 5982.79    | 2.47    | ppb   |
| Chromium   | 52-2  | 77.34    | 75.02    | 76.42    | 76.26      | 1.53    | ppb   |
| Cobalt     | 59-2  | 29.69    | 29.70    | 29.27    | 29.55      | 0.83    | ppb   |
| Copper     | 63-2  | 364.23   | 356.31   | 360.13   | 360.22     | 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 |          |          |          | 115        |         | %     |
| Holmium    | 165-2 |          |          |          | 107        |         | %     |
| Indium     | 115-1 |          |          |          | 106        |         | %     |
| Indium     | 115-2 |          |          |          | 98         |         | %     |
| Iron       | 56-2  | 54322.59 | 53029.59 | 53527.22 | 53626.47   | 1.22    | ppb   |
| Iron       | 57-2  | 53255.34 | 51987.15 | 52925.39 | 52722.63   | 1.25    | ppb   |
| Lead       | 206-1 | 191.94   | 197.93   | 198.88   | 196.25     | 1.92    | ppb   |
| Lead       | 207-1 | 179.70   | 184.23   | 184.73   | 182.89     | 1.51    | ppb   |
| Lead       | 208-1 | 189.94   | 194.72   | 195.99   | 193.55     | 1.65    | ppb   |
| Lithium    | 6-1   |          |          |          | 107        |         | %     |
| Magnesium  | 24-2  | 3929.43  | 3907.24  | 3894.92  | 3910.53    | 0.45    | ppb   |
| Manganese  | 55-2  | 1516.90  | 1490.27  | 1511.59  | 1506.25    | 0.94    | ppb   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB94089             | Operator :        | Jaswal    |
| Lab Sample ID :         | J1989-07            | Instrumnet Name : | P8        |
| Client Sample ID :      | MJHRA6              | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2018-03-22 15:55:57 | DataFile Name :   | 069SMPL.d |

| Parameter  | Mass  | ConRep1  | ConRep2  | ConRep3  | Avg. Conc. | ConcRSD | Units |
|------------|-------|----------|----------|----------|------------|---------|-------|
| Molybdenum | 94-1  | 4.43     | 4.29     | 4.52     | 4.41       | 2.68    | ppb   |
| Molybdenum | 95-1  | 4.42     | 4.81     | 4.65     | 4.63       | 4.27    | ppb   |
| Molybdenum | 96-1  | 4.56     | 4.79     | 4.73     | 4.69       | 2.54    | ppb   |
| Molybdenum | 97-1  | 4.69     | 4.65     | 4.43     | 4.59       | 2.99    | ppb   |
| Molybdenum | 98-1  | 4.69     | 4.55     | 4.84     | 4.69       | 3.05    | ppb   |
| Neodymium  | 150-1 |          |          |          |            |         | cps   |
| Neodymium  | 150-2 |          |          |          |            |         | cps   |
| Nickel     | 60-2  | 31.45    | 31.34    | 31.68    | 31.49      | 0.55    | ppb   |
| Phosphorus | 31-2  | 1864.47  | 1974.19  | 1840.62  | 1893.10    | 3.76    | ppb   |
| Potassium  | 39-2  | 792.39   | 812.94   | 830.65   | 811.99     | 2.36    | ppb   |
| Rhodium    | 103-1 |          |          |          | 105        |         | %     |
| Rhodium    | 103-2 |          |          |          | 104        |         | %     |
| Scandium   | 45-1  |          |          |          | 100        |         | %     |
| Scandium   | 45-2  |          |          |          | 90         |         | %     |
| Selenium   | 77-2  | 25.98    | 39.47    | 25.05    | 30.17      | 26.75   | ppb   |
| Selenium   | 78-2  | 4.06     | 2.90     | 0.71     | 2.55       | 66.66   | ppb   |
| Selenium   | 82-1  | 0.34     | 0.70     | -0.04    | 0.33       | 111.66  | ppb   |
| Silicon    | 28-1  | 1639.58  | 1674.15  | 1693.55  | 1669.09    | 1.64    | ppb   |
| Silver     | 109-1 | 0.08     | 0.13     | 0.13     | 0.11       | 23.12   | ppb   |
| Silver     | 107-1 | 0.12     | 0.10     | 0.13     | 0.12       | 10.88   | ppb   |
| Sodium     | 23-2  | 246.04   | 224.72   | 239.49   | 236.75     | 4.61    | ppb   |
| Strontium  | 86-1  | 80.64    | 80.84    | 83.64    | 81.71      | 2.06    | ppb   |
| Strontium  | 88-1  | 82.08    | 83.58    | 84.77    | 83.48      | 1.61    | ppb   |
| Sulfur     | 34-1  | -6192.19 | -6045.48 | -5957.80 | -6065.15   |         | ppb   |
| Terbium    | 159-1 |          |          |          | 113        |         | %     |
| Terbium    | 159-2 |          |          |          | 106        |         | %     |
| Thallium   | 203-1 | 0.20     | 0.21     | 0.24     | 0.22       | 9.05    | ppb   |
| Thallium   | 205-1 | 0.20     | 0.19     | 0.20     | 0.20       | 3.55    | ppb   |
| Tin        | 118-1 | 5.74     | 5.71     | 5.88     | 5.78       | 1.60    | ppb   |
| Titanium   | 47-1  | 286.29   | 298.44   | 294.79   | 293.17     | 2.13    | ppb   |
| Uranium    | 238-1 | 0.23     | 0.24     | 0.24     | 0.24       | 2.31    | ppb   |
| Vanadium   | 51-2  | 143.75   | 139.48   | 141.62   | 141.61     | 1.50    | ppb   |
| Yttrium    | 89-1  |          |          |          | 107        |         | %     |
| Yttrium    | 89-2  |          |          |          | 99         |         | %     |
| Zinc       | 66-2  | 760.36   | 745.99   | 762.14   | 756.16     | 1.17    | ppb   |
| Zirconium  | 90-1  | 0.77     | 0.74     | 0.81     | 0.77       | 4.60    | ppb   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB94089             | Operator :        | Jaswal    |
| Lab Sample ID :         | J1989-07            | Instrumnet Name : | P8        |
| Client Sample ID :      | MJHRA6              | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2018-03-22 15:55:57 | DataFile Name :   | 069SMPL.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|-----------|------|---------|---------|---------|------------|---------|-------|
| Zirconium | 91-1 | 0.79    | 0.91    | 0.90    | 0.87       | 7.39    | ppb   |



|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB94089             | Operator :        | Jaswal    |
| Lab Sample ID :         | J1989-08            | Instrumnet Name : | P8        |
| Client Sample ID :      | MJHRA7              | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2018-03-22 15:59:16 | DataFile Name :   | 070SMPL.d |

| Parameter  | Mass  | ConRep1  | ConRep2  | ConRep3  | Avg. Conc. | ConcRSD | Units |
|------------|-------|----------|----------|----------|------------|---------|-------|
| Aluminium  | 27-2  | 66909.83 | 67921.14 | 66862.19 | 67231.05   | 0.89    | ppb   |
| Antimony   | 121-1 | 27.84    | 27.66    | 28.18    | 27.90      | 0.94    | ppb   |
| Arsenic    | 75-2  | 311.77   | 317.17   | 300.54   | 309.83     | 2.74    | ppb   |
| Barium     | 135-1 | 54.19    | 55.85    | 55.96    | 55.33      | 1.79    | ppb   |
| Barium     | 137-1 | 55.69    | 55.11    | 56.96    | 55.92      | 1.69    | ppb   |
| Beryllium  | 9-1   | 0.98     | 0.95     | 0.94     | 0.96       | 2.39    | ppb   |
| Bismuth    | 209-1 |          |          |          | 115        |         | %     |
| Bismuth    | 209-2 |          |          |          | 110        |         | %     |
| Boron      | 10-1  | 6.60     | 5.81     | 8.72     | 7.04       | 21.42   | ppb   |
| Boron      | 11-1  | 7.61     | 7.91     | 7.84     | 7.79       | 1.99    | ppb   |
| Cadmium    | 111-1 | 0.32     | 0.29     | 0.24     | 0.28       | 13.00   | ppb   |
| Cadmium    | 106-1 | -0.68    | -0.72    | -0.85    | -0.75      |         | ppb   |
| Cadmium    | 108-1 | 0.86     | 0.69     | 0.88     | 0.81       | 12.39   | ppb   |
| Calcium    | 43-1  | 2842.03  | 2919.05  | 3041.26  | 2934.11    | 3.42    | ppb   |
| Calcium    | 44-1  | 2893.19  | 2944.92  | 3003.09  | 2947.07    | 1.87    | ppb   |
| Chromium   | 52-2  | 119.00   | 124.09   | 118.49   | 120.53     | 2.57    | ppb   |
| Cobalt     | 59-2  | 51.83    | 52.90    | 52.40    | 52.38      | 1.02    | ppb   |
| Copper     | 63-2  | 221.55   | 230.24   | 221.65   | 224.48     | 2.22    | 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 |          |          |          | 114        |         | %     |
| Holmium    | 165-2 |          |          |          | 106        |         | %     |
| Indium     | 115-1 |          |          |          | 105        |         | %     |
| Indium     | 115-2 |          |          |          | 97         |         | %     |
| Iron       | 56-2  | 97195.25 | 99730.87 | 96585.05 | 97837.06   | 1.71    | ppb   |
| Iron       | 57-2  | 95505.10 | 97879.80 | 95920.83 | 96435.25   | 1.32    | ppb   |
| Lead       | 206-1 | 27.79    | 27.76    | 27.79    | 27.78      | 0.07    | ppb   |
| Lead       | 207-1 | 25.20    | 25.08    | 25.04    | 25.10      | 0.33    | ppb   |
| Lead       | 208-1 | 26.44    | 26.42    | 26.55    | 26.47      | 0.27    | ppb   |
| Lithium    | 6-1   |          |          |          | 107        |         | %     |
| Magnesium  | 24-2  | 2400.22  | 2477.84  | 2426.55  | 2434.87    | 1.62    | ppb   |
| Manganese  | 55-2  | 2605.47  | 2675.00  | 2597.37  | 2625.95    | 1.63    | ppb   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB94089             | Operator :        | Jaswal    |
| Lab Sample ID :         | J1989-08            | Instrumnet Name : | P8        |
| Client Sample ID :      | MJHRA7              | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2018-03-22 15:59:16 | DataFile Name :   | 070SMPL.d |

| Parameter  | Mass  | ConRep1  | ConRep2  | ConRep3  | Avg. Conc. | ConcRSD | Units |
|------------|-------|----------|----------|----------|------------|---------|-------|
| Molybdenum | 94-1  | 2.78     | 2.96     | 2.97     | 2.91       | 3.79    | ppb   |
| Molybdenum | 95-1  | 0.44     | 0.42     | 0.48     | 0.45       | 7.66    | ppb   |
| Molybdenum | 96-1  | 0.99     | 1.07     | 1.05     | 1.04       | 4.21    | ppb   |
| Molybdenum | 97-1  | 0.56     | 0.47     | 0.43     | 0.49       | 12.77   | ppb   |
| Molybdenum | 98-1  | 0.43     | 0.47     | 0.48     | 0.46       | 5.54    | ppb   |
| Neodymium  | 150-1 |          |          |          |            |         | cps   |
| Neodymium  | 150-2 |          |          |          |            |         | cps   |
| Nickel     | 60-2  | 63.73    | 63.52    | 62.55    | 63.26      | 1.00    | ppb   |
| Phosphorus | 31-2  | 1543.08  | 1487.02  | 1718.85  | 1582.98    | 7.64    | ppb   |
| Potassium  | 39-2  | 270.97   | 304.72   | 290.04   | 288.58     | 5.86    | ppb   |
| Rhodium    | 103-1 |          |          |          | 104        |         | %     |
| Rhodium    | 103-2 |          |          |          | 102        |         | %     |
| Scandium   | 45-1  |          |          |          | 105        |         | %     |
| Scandium   | 45-2  |          |          |          | 94         |         | %     |
| Selenium   | 77-2  | 38.80    | 11.67    | 39.08    | 29.85      | 52.74   | ppb   |
| Selenium   | 78-2  | 8.12     | 13.69    | 8.18     | 10.00      | 31.98   | ppb   |
| Selenium   | 82-1  | 0.06     | 0.28     | 0.80     | 0.38       | 99.93   | ppb   |
| Silicon    | 28-1  | 2646.23  | 2706.77  | 2752.43  | 2701.81    | 1.97    | ppb   |
| Silver     | 109-1 | 0.12     | 0.12     | 0.11     | 0.12       | 8.93    | ppb   |
| Silver     | 107-1 | 0.13     | 0.13     | 0.12     | 0.13       | 6.71    | ppb   |
| Sodium     | 23-2  | 200.60   | 197.20   | 196.83   | 198.21     | 1.05    | ppb   |
| Strontium  | 86-1  | 45.92    | 45.39    | 45.86    | 45.72      | 0.63    | ppb   |
| Strontium  | 88-1  | 45.00    | 45.58    | 45.90    | 45.49      | 1.00    | ppb   |
| Sulfur     | 34-1  | -7833.31 | -7763.56 | -7656.89 | -7751.25   |         | ppb   |
| Terbium    | 159-1 |          |          |          | 113        |         | %     |
| Terbium    | 159-2 |          |          |          | 105        |         | %     |
| Thallium   | 203-1 | 0.48     | 0.44     | 0.45     | 0.46       | 5.17    | ppb   |
| Thallium   | 205-1 | 0.47     | 0.44     | 0.47     | 0.46       | 4.29    | ppb   |
| Tin        | 118-1 | 1.21     | 1.25     | 1.23     | 1.23       | 1.98    | ppb   |
| Titanium   | 47-1  | 81.27    | 83.59    | 86.09    | 83.65      | 2.88    | ppb   |
| Uranium    | 238-1 | 0.16     | 0.17     | 0.18     | 0.17       | 6.02    | ppb   |
| Vanadium   | 51-2  | 175.82   | 179.81   | 177.22   | 177.62     | 1.14    | ppb   |
| Yttrium    | 89-1  |          |          |          | 107        |         | %     |
| Yttrium    | 89-2  |          |          |          | 99         |         | %     |
| Zinc       | 66-2  | 142.18   | 151.97   | 142.66   | 145.60     | 3.79    | ppb   |
| Zirconium  | 90-1  | 1.59     | 1.72     | 1.66     | 1.66       | 3.92    | ppb   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB94089             | Operator :        | Jaswal    |
| Lab Sample ID :         | J1989-08            | Instrumnet Name : | P8        |
| Client Sample ID :      | MJHRA7              | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2018-03-22 15:59:16 | DataFile Name :   | 070SMPL.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|-----------|------|---------|---------|---------|------------|---------|-------|
| Zirconium | 91-1 | 1.70    | 1.71    | 1.87    | 1.76       | 5.25    | ppb   |

|                         |                     |                   |          |
|-------------------------|---------------------|-------------------|----------|
| LB Number :             | LB94089             | Operator :        | Jaswal   |
| Lab Sample ID :         | CCV009              | Instrumnet Name : | P8       |
| Client Sample ID :      | CCV009              | Dilution Factor : | 1        |
| Date & Time Acquired :: | 2018-03-22 16:02:34 | DataFile Name :   | 071CCV.d |

| Parameter  | Mass  | ConRep1   | ConRep2   | ConRep3   | Avg. Conc. | ConcRSD | Units |
|------------|-------|-----------|-----------|-----------|------------|---------|-------|
| Aluminium  | 27-2  | 47253.29  | 47799.70  | 45149.57  | 46734.19   | 2.99    | ppb   |
| Antimony   | 121-1 | 475.81    | 470.78    | 479.35    | 475.32     | 0.91    | ppb   |
| Arsenic    | 75-2  | 468.18    | 470.15    | 470.56    | 469.63     | 0.27    | ppb   |
| Barium     | 135-1 | 2436.88   | 2415.11   | 2444.17   | 2432.05    | 0.62    | ppb   |
| Barium     | 137-1 | 2413.48   | 2380.36   | 2442.19   | 2412.01    | 1.28    | ppb   |
| Beryllium  | 9-1   | 480.01    | 468.29    | 484.00    | 477.43     | 1.71    | ppb   |
| Bismuth    | 209-1 |           |           |           | 112        |         | %     |
| Bismuth    | 209-2 |           |           |           | 100        |         | %     |
| Boron      | 10-1  | 440.23    | 462.84    | 474.78    | 459.28     | 3.82    | ppb   |
| Boron      | 11-1  | 459.15    | 457.57    | 481.14    | 465.95     | 2.83    | ppb   |
| Cadmium    | 111-1 | 464.53    | 458.03    | 470.55    | 464.37     | 1.35    | ppb   |
| Cadmium    | 106-1 | 468.24    | 462.45    | 475.42    | 468.70     | 1.39    | ppb   |
| Cadmium    | 108-1 | 462.88    | 455.63    | 471.48    | 463.33     | 1.71    | ppb   |
| Calcium    | 43-1  | 239572.81 | 237005.42 | 236816.28 | 237798.17  | 0.65    | ppb   |
| Calcium    | 44-1  | 236699.90 | 236982.54 | 236281.71 | 236654.71  | 0.15    | ppb   |
| Chromium   | 52-2  | 521.79    | 524.91    | 503.16    | 516.62     | 2.28    | ppb   |
| Cobalt     | 59-2  | 512.21    | 516.99    | 493.64    | 507.61     | 2.43    | ppb   |
| Copper     | 63-2  | 1007.03   | 1014.12   | 973.82    | 998.32     | 2.16    | ppb   |
| Dysprosium | 156-1 |           |           |           |            |         | cps   |
| Dysprosium | 156-2 |           |           |           |            |         | cps   |
| Erbium     | 164-1 |           |           |           |            |         | cps   |
| Erbium     | 164-2 |           |           |           |            |         | cps   |
| Gadolinium | 160-1 |           |           |           |            |         | cps   |
| Gadolinium | 160-2 |           |           |           |            |         | cps   |
| Holmium    | 165-1 |           |           |           | 110        |         | %     |
| Holmium    | 165-2 |           |           |           | 103        |         | %     |
| Indium     | 115-1 |           |           |           | 99         |         | %     |
| Indium     | 115-2 |           |           |           | 89         |         | %     |
| Iron       | 56-2  | 126880.88 | 126474.72 | 120678.28 | 124677.96  | 2.78    | ppb   |
| Iron       | 57-2  | 124763.52 | 124636.32 | 119933.89 | 123111.24  | 2.24    | ppb   |
| Lead       | 206-1 | 489.22    | 485.62    | 498.24    | 491.03     | 1.32    | ppb   |
| Lead       | 207-1 | 497.31    | 491.60    | 499.00    | 495.97     | 0.78    | ppb   |
| Lead       | 208-1 | 495.68    | 490.43    | 499.06    | 495.05     | 0.88    | ppb   |
| Lithium    | 6-1   |           |           |           | 93         |         | %     |
| Magnesium  | 24-2  | 239488.23 | 243509.61 | 230964.25 | 237987.36  | 2.69    | ppb   |
| Manganese  | 55-2  | 1010.90   | 1002.80   | 963.52    | 992.41     | 2.55    | ppb   |

|                         |                     |                   |          |
|-------------------------|---------------------|-------------------|----------|
| LB Number :             | LB94089             | Operator :        | Jaswal   |
| Lab Sample ID :         | CCV009              | Instrumnet Name : | P8       |
| Client Sample ID :      | CCV009              | Dilution Factor : | 1        |
| Date & Time Acquired :: | 2018-03-22 16:02:34 | DataFile Name :   | 071CCV.d |

| Parameter  | Mass  | ConRep1   | ConRep2   | ConRep3   | Avg. Conc. | ConcRSD | Units |
|------------|-------|-----------|-----------|-----------|------------|---------|-------|
| Molybdenum | 94-1  | 2485.00   | 2451.80   | 2482.56   | 2473.12    | 0.75    | ppb   |
| Molybdenum | 95-1  | 2505.07   | 2467.63   | 2486.49   | 2486.40    | 0.75    | ppb   |
| Molybdenum | 96-1  | 2529.14   | 2465.33   | 2480.54   | 2491.67    | 1.34    | ppb   |
| Molybdenum | 97-1  | 2536.90   | 2489.44   | 2520.39   | 2515.58    | 0.96    | ppb   |
| Molybdenum | 98-1  | 2526.06   | 2464.14   | 2497.46   | 2495.88    | 1.24    | ppb   |
| Neodymium  | 150-1 |           |           |           |            |         | cps   |
| Neodymium  | 150-2 |           |           |           |            |         | cps   |
| Nickel     | 60-2  | 521.52    | 527.45    | 508.01    | 518.99     | 1.92    | ppb   |
| Phosphorus | 31-2  | 10263.56  | 9557.68   | 10076.76  | 9966.00    | 3.67    | ppb   |
| Potassium  | 39-2  | 117780.71 | 115077.57 | 111841.68 | 114899.99  | 2.59    | ppb   |
| Rhodium    | 103-1 |           |           |           | 95         |         | %     |
| Rhodium    | 103-2 |           |           |           | 93         |         | %     |
| Scandium   | 45-1  |           |           |           | 91         |         | %     |
| Scandium   | 45-2  |           |           |           | 80         |         | %     |
| Selenium   | 77-2  | 540.89    | 599.38    | 461.15    | 533.81     | 13.00   | ppb   |
| Selenium   | 78-2  | 521.17    | 483.76    | 421.26    | 475.40     | 10.62   | ppb   |
| Selenium   | 82-1  | 480.72    | 479.21    | 478.70    | 479.55     | 0.22    | ppb   |
| Silicon    | 28-1  | 505.54    | 508.07    | 520.72    | 511.44     | 1.59    | ppb   |
| Silver     | 109-1 | 470.87    | 463.25    | 476.12    | 470.08     | 1.38    | ppb   |
| Silver     | 107-1 | 472.22    | 459.99    | 472.03    | 468.08     | 1.50    | ppb   |
| Sodium     | 23-2  | 240639.41 | 241596.64 | 231118.67 | 237784.91  | 2.44    | ppb   |
| Strontium  | 86-1  | 495.43    | 486.55    | 489.46    | 490.48     | 0.92    | ppb   |
| Strontium  | 88-1  | 500.05    | 495.06    | 499.68    | 498.26     | 0.56    | ppb   |
| Sulfur     | 34-1  | 10524.12  | 10319.43  | 10593.50  | 10479.02   | 1.36    | ppb   |
| Terbium    | 159-1 |           |           |           | 110        |         | %     |
| Terbium    | 159-2 |           |           |           | 101        |         | %     |
| Thallium   | 203-1 | 496.29    | 487.16    | 494.37    | 492.61     | 0.98    | ppb   |
| Thallium   | 205-1 | 491.57    | 490.25    | 494.09    | 491.97     | 0.40    | ppb   |
| Tin        | 118-1 | 487.47    | 478.80    | 485.72    | 484.00     | 0.95    | ppb   |
| Titanium   | 47-1  | 2438.08   | 2480.23   | 2472.45   | 2463.59    | 0.91    | ppb   |
| Uranium    | 238-1 | 507.07    | 500.98    | 511.46    | 506.50     | 1.04    | ppb   |
| Vanadium   | 51-2  | 505.15    | 506.07    | 483.94    | 498.39     | 2.51    | ppb   |
| Yttrium    | 89-1  |           |           |           | 98         |         | %     |
| Yttrium    | 89-2  |           |           |           | 90         |         | %     |
| Zinc       | 66-2  | 1055.32   | 1050.68   | 1015.00   | 1040.33    | 2.12    | ppb   |
| Zirconium  | 90-1  | 501.64    | 497.33    | 496.03    | 498.33     | 0.59    | ppb   |

|                         |                     |                   |          |
|-------------------------|---------------------|-------------------|----------|
| LB Number :             | LB94089             | Operator :        | Jaswal   |
| Lab Sample ID :         | CCV009              | Instrumnet Name : | P8       |
| Client Sample ID :      | CCV009              | Dilution Factor : | 1        |
| Date & Time Acquired :: | 2018-03-22 16:02:34 | DataFile Name :   | 071CCV.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|-----------|------|---------|---------|---------|------------|---------|-------|
| Zirconium | 91-1 | 487.14  | 478.49  | 487.39  | 484.34     | 1.05    | ppb   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB94089             | Operator :        | Jaswal    |
| Lab Sample ID :         | CCB009              | Instrumnet Name : | P8        |
| Client Sample ID :      | CCB009              | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2018-03-22 16:05:45 | DataFile Name :   | 072CCBE.d |

| Parameter  | Mass  | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|------------|-------|---------|---------|---------|------------|---------|-------|
| Aluminium  | 27-2  | 2.71    | 2.74    | 4.60    | 3.35       | 32.20   | ppb   |
| Antimony   | 121-1 | 1.34    | 1.48    | 1.51    | 1.44       | 6.22    | ppb   |
| Arsenic    | 75-2  | 0.36    | 0.15    | 0.35    | 0.29       | 41.45   | ppb   |
| Barium     | 135-1 | 0.02    | 0.02    | 0.04    | 0.03       | 26.23   | ppb   |
| Barium     | 137-1 | 0.05    | 0.06    | 0.05    | 0.05       | 10.25   | ppb   |
| Beryllium  | 9-1   | 0.16    | 0.19    | 0.12    | 0.15       | 23.01   | ppb   |
| Bismuth    | 209-1 |         |         |         | 118        |         | %     |
| Bismuth    | 209-2 |         |         |         | 112        |         | %     |
| Boron      | 10-1  | 12.53   | 12.69   | 10.72   | 11.98      | 9.13    | ppb   |
| Boron      | 11-1  | 14.03   | 11.64   | 10.37   | 12.02      | 15.49   | ppb   |
| Cadmium    | 111-1 | -0.11   | -0.03   | -0.05   | -0.06      |         | ppb   |
| Cadmium    | 106-1 | -2.15   | -0.95   | -0.83   | -1.31      |         | ppb   |
| Cadmium    | 108-1 | 0.02    | 0.11    | -0.02   | 0.04       | 182.45  | ppb   |
| Calcium    | 43-1  | -20.01  | -1.01   | -10.45  | -10.49     |         | ppb   |
| Calcium    | 44-1  | -19.06  | -17.28  | -17.40  | -17.92     |         | ppb   |
| Chromium   | 52-2  | 0.04    | 0.01    | -0.04   | 0.00       | 1449.60 | ppb   |
| Cobalt     | 59-2  | 0.01    | 0.00    | -0.01   | 0.00       |         | ppb   |
| Copper     | 63-2  | 0.04    | 0.09    | 0.07    | 0.07       | 35.52   | 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 |         |         |         | 112        |         | %     |
| Holmium    | 165-2 |         |         |         | 105        |         | %     |
| Indium     | 115-1 |         |         |         | 104        |         | %     |
| Indium     | 115-2 |         |         |         | 96         |         | %     |
| Iron       | 56-2  | 10.29   | 10.77   | 9.74    | 10.27      | 5.04    | ppb   |
| Iron       | 57-2  | 15.02   | 10.82   | 10.68   | 12.17      | 20.29   | ppb   |
| Lead       | 206-1 | 0.06    | 0.06    | 0.06    | 0.06       | 4.78    | ppb   |
| Lead       | 207-1 | 0.07    | 0.06    | 0.06    | 0.06       | 15.89   | ppb   |
| Lead       | 208-1 | 0.06    | 0.06    | 0.06    | 0.06       | 4.21    | ppb   |
| Lithium    | 6-1   |         |         |         | 101        |         | %     |
| Magnesium  | 24-2  | -1.45   | 1.52    | 0.17    | 0.08       | 1915.10 | ppb   |
| Manganese  | 55-2  | 0.23    | 0.19    | 0.25    | 0.22       | 14.15   | ppb   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB94089             | Operator :        | Jaswal    |
| Lab Sample ID :         | CCB009              | Instrumnet Name : | P8        |
| Client Sample ID :      | CCB009              | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2018-03-22 16:05:45 | DataFile Name :   | 072CCBE.d |

| Parameter  | Mass  | ConRep1  | ConRep2  | ConRep3  | Avg. Conc. | ConcRSD | Units |
|------------|-------|----------|----------|----------|------------|---------|-------|
| Molybdenum | 94-1  | 0.87     | 1.02     | 1.22     | 1.04       | 16.91   | ppb   |
| Molybdenum | 95-1  | 1.01     | 1.42     | 1.69     | 1.37       | 24.70   | ppb   |
| Molybdenum | 96-1  | 1.12     | 1.35     | 1.63     | 1.37       | 18.56   | ppb   |
| Molybdenum | 97-1  | 1.14     | 1.55     | 1.79     | 1.49       | 22.14   | ppb   |
| Molybdenum | 98-1  | 1.27     | 1.44     | 1.79     | 1.50       | 17.84   | ppb   |
| Neodymium  | 150-1 |          |          |          |            |         | cps   |
| Neodymium  | 150-2 |          |          |          |            |         | cps   |
| Nickel     | 60-2  | -0.32    | -0.55    | -0.63    | -0.50      |         | ppb   |
| Phosphorus | 31-2  | 3.99     | -24.84   | -24.84   | -15.23     |         | ppb   |
| Potassium  | 39-2  | -35.79   | -10.17   | -20.97   | -22.31     |         | ppb   |
| Rhodium    | 103-1 |          |          |          | 102        |         | %     |
| Rhodium    | 103-2 |          |          |          | 101        |         | %     |
| Scandium   | 45-1  |          |          |          | 96         |         | %     |
| Scandium   | 45-2  |          |          |          | 85         |         | %     |
| Selenium   | 77-2  | -2.29    | -2.29    | -2.29    | -2.29      |         | ppb   |
| Selenium   | 78-2  | -0.27    | -1.41    | 1.95     | 0.09       | 1870.51 | ppb   |
| Selenium   | 82-1  | -0.47    | 0.73     | 0.96     | 0.41       | 187.08  | ppb   |
| Silicon    | 28-1  | -34.95   | -37.32   | -33.99   | -35.42     |         | ppb   |
| Silver     | 109-1 | 0.02     | 0.03     | 0.03     | 0.03       | 8.97    | ppb   |
| Silver     | 107-1 | 0.03     | 0.04     | 0.02     | 0.03       | 30.32   | ppb   |
| Sodium     | 23-2  | 49.72    | 44.26    | 41.16    | 45.05      | 9.63    | ppb   |
| Strontium  | 86-1  | -0.03    | -0.04    | 0.02     | -0.02      |         | ppb   |
| Strontium  | 88-1  | 0.01     | 0.01     | 0.01     | 0.01       | 35.05   | ppb   |
| Sulfur     | 34-1  | -2482.20 | -2704.22 | -2513.39 | -2566.60   |         | ppb   |
| Terbium    | 159-1 |          |          |          | 111        |         | %     |
| Terbium    | 159-2 |          |          |          | 104        |         | %     |
| Thallium   | 203-1 | 0.14     | 0.10     | 0.12     | 0.12       | 17.91   | ppb   |
| Thallium   | 205-1 | 0.15     | 0.12     | 0.12     | 0.13       | 16.88   | ppb   |
| Tin        | 118-1 | 0.34     | 0.40     | 0.38     | 0.37       | 8.29    | ppb   |
| Titanium   | 47-1  | -0.01    | 0.06     | 0.08     | 0.05       | 98.08   | ppb   |
| Uranium    | 238-1 | 0.01     | 0.01     | 0.01     | 0.01       | 8.76    | ppb   |
| Vanadium   | 51-2  | 0.00     | 0.01     | 0.01     | 0.01       | 53.06   | ppb   |
| Yttrium    | 89-1  |          |          |          | 101        |         | %     |
| Yttrium    | 89-2  |          |          |          | 94         |         | %     |
| Zinc       | 66-2  | -0.08    | -0.08    | -0.12    | -0.10      |         | ppb   |
| Zirconium  | 90-1  | 0.04     | 0.05     | 0.05     | 0.05       | 21.38   | ppb   |



|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB94089             | Operator :        | Jaswal    |
| Lab Sample ID :         | CCB009              | Instrumnet Name : | P8        |
| Client Sample ID :      | CCB009              | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2018-03-22 16:05:45 | DataFile Name :   | 072CCBE.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|-----------|------|---------|---------|---------|------------|---------|-------|
| Zirconium | 91-1 | 0.05    | 0.08    | 0.03    | 0.05       | 50.02   | ppb   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB94089             | Operator :        | Jaswal    |
| Lab Sample ID :         | J1989-09            | Instrumnet Name : | P8        |
| Client Sample ID :      | MJHRA8              | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2018-03-22 16:09:06 | DataFile Name :   | 073SMPL.d |

| Parameter  | Mass  | ConRep1   | ConRep2   | ConRep3   | Avg. Conc. | ConcRSD | Units |
|------------|-------|-----------|-----------|-----------|------------|---------|-------|
| Aluminium  | 27-2  | 57645.70  | 57946.79  | 56652.32  | 57414.94   | 1.18    | ppb   |
| Antimony   | 121-1 | 31.33     | 32.41     | 37.56     | 33.77      | 9.86    | ppb   |
| Arsenic    | 75-2  | 267.82    | 266.00    | 260.00    | 264.61     | 1.55    | ppb   |
| Barium     | 135-1 | 65.35     | 66.79     | 78.36     | 70.16      | 10.16   | ppb   |
| Barium     | 137-1 | 65.70     | 66.93     | 78.95     | 70.53      | 10.38   | ppb   |
| Beryllium  | 9-1   | 1.11      | 1.23      | 1.38      | 1.24       | 10.84   | ppb   |
| Bismuth    | 209-1 |           |           |           | 112        |         | %     |
| Bismuth    | 209-2 |           |           |           | 111        |         | %     |
| Boron      | 10-1  | 11.82     | 10.90     | 13.56     | 12.09      | 11.18   | ppb   |
| Boron      | 11-1  | 11.21     | 10.72     | 12.44     | 11.46      | 7.74    | ppb   |
| Cadmium    | 111-1 | 0.28      | 0.28      | 0.43      | 0.33       | 25.63   | ppb   |
| Cadmium    | 106-1 | -0.64     | -1.55     | 0.17      | -0.67      |         | ppb   |
| Cadmium    | 108-1 | 1.17      | 1.07      | 1.36      | 1.20       | 12.29   | ppb   |
| Calcium    | 43-1  | 3629.95   | 3762.67   | 4319.39   | 3904.00    | 9.37    | ppb   |
| Calcium    | 44-1  | 3700.06   | 3720.45   | 4282.86   | 3901.12    | 8.48    | ppb   |
| Chromium   | 52-2  | 109.99    | 111.49    | 108.37    | 109.95     | 1.42    | ppb   |
| Cobalt     | 59-2  | 73.74     | 74.50     | 71.01     | 73.08      | 2.51    | ppb   |
| Copper     | 63-2  | 241.51    | 240.73    | 234.55    | 238.93     | 1.60    | ppb   |
| Dysprosium | 156-1 |           |           |           |            |         | cps   |
| Dysprosium | 156-2 |           |           |           |            |         | cps   |
| Erbium     | 164-1 |           |           |           |            |         | cps   |
| Erbium     | 164-2 |           |           |           |            |         | cps   |
| Gadolinium | 160-1 |           |           |           |            |         | cps   |
| Gadolinium | 160-2 |           |           |           |            |         | cps   |
| Holmium    | 165-1 |           |           |           | 110        |         | %     |
| Holmium    | 165-2 |           |           |           | 107        |         | %     |
| Indium     | 115-1 |           |           |           | 102        |         | %     |
| Indium     | 115-2 |           |           |           | 97         |         | %     |
| Iron       | 56-2  | 107298.18 | 108021.43 | 103661.19 | 106326.93  | 2.20    | ppb   |
| Iron       | 57-2  | 106320.34 | 106046.39 | 102432.66 | 104933.13  | 2.07    | ppb   |
| Lead       | 206-1 | 32.56     | 33.15     | 39.04     | 34.92      | 10.26   | ppb   |
| Lead       | 207-1 | 29.75     | 30.49     | 35.47     | 31.90      | 9.75    | ppb   |
| Lead       | 208-1 | 31.28     | 31.87     | 37.33     | 33.49      | 9.97    | ppb   |
| Lithium    | 6-1   |           |           |           | 100        |         | %     |
| Magnesium  | 24-2  | 2969.14   | 3017.51   | 2884.96   | 2957.20    | 2.27    | ppb   |
| Manganese  | 55-2  | 3307.01   | 3303.92   | 3212.97   | 3274.64    | 1.63    | ppb   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB94089             | Operator :        | Jaswal    |
| Lab Sample ID :         | J1989-09            | Instrumnet Name : | P8        |
| Client Sample ID :      | MJHRA8              | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2018-03-22 16:09:06 | DataFile Name :   | 073SMPL.d |

| Parameter  | Mass  | ConRep1  | ConRep2  | ConRep3  | Avg. Conc. | ConcRSD | Units |
|------------|-------|----------|----------|----------|------------|---------|-------|
| Molybdenum | 94-1  | 3.23     | 3.25     | 3.70     | 3.39       | 7.78    | ppb   |
| Molybdenum | 95-1  | 0.68     | 0.83     | 1.14     | 0.88       | 26.86   | ppb   |
| Molybdenum | 96-1  | 1.19     | 1.43     | 1.74     | 1.45       | 19.10   | ppb   |
| Molybdenum | 97-1  | 0.85     | 0.99     | 1.10     | 0.98       | 13.09   | ppb   |
| Molybdenum | 98-1  | 0.81     | 0.85     | 1.10     | 0.92       | 16.81   | ppb   |
| Neodymium  | 150-1 |          |          |          |            |         | cps   |
| Neodymium  | 150-2 |          |          |          |            |         | cps   |
| Nickel     | 60-2  | 64.44    | 64.09    | 62.28    | 63.60      | 1.82    | ppb   |
| Phosphorus | 31-2  | 1740.61  | 1556.19  | 1056.13  | 1450.98    | 24.41   | ppb   |
| Potassium  | 39-2  | 308.66   | 278.81   | 313.36   | 300.28     | 6.24    | ppb   |
| Rhodium    | 103-1 |          |          |          | 100        |         | %     |
| Rhodium    | 103-2 |          |          |          | 102        |         | %     |
| Scandium   | 45-1  |          |          |          | 101        |         | %     |
| Scandium   | 45-2  |          |          |          | 96         |         | %     |
| Selenium   | 77-2  | 38.96    | 52.48    | 45.32    | 45.59      | 14.84   | ppb   |
| Selenium   | 78-2  | 10.28    | 10.23    | 9.11     | 9.87       | 6.72    | ppb   |
| Selenium   | 82-1  | 0.23     | 0.37     | 0.77     | 0.46       | 61.15   | ppb   |
| Silicon    | 28-1  | 2731.56  | 2762.85  | 3162.27  | 2885.56    | 8.32    | ppb   |
| Silver     | 109-1 | 0.14     | 0.13     | 0.15     | 0.14       | 7.41    | ppb   |
| Silver     | 107-1 | 0.12     | 0.15     | 0.16     | 0.14       | 17.30   | ppb   |
| Sodium     | 23-2  | 255.34   | 256.68   | 244.90   | 252.30     | 2.56    | ppb   |
| Strontium  | 86-1  | 55.15    | 56.30    | 65.77    | 59.07      | 9.86    | ppb   |
| Strontium  | 88-1  | 56.47    | 57.50    | 66.55    | 60.17      | 9.22    | ppb   |
| Sulfur     | 34-1  | -5085.37 | -5490.31 | -4025.85 | -4867.18   |         | ppb   |
| Terbium    | 159-1 |          |          |          | 109        |         | %     |
| Terbium    | 159-2 |          |          |          | 107        |         | %     |
| Thallium   | 203-1 | 0.66     | 0.71     | 0.83     | 0.73       | 12.07   | ppb   |
| Thallium   | 205-1 | 0.73     | 0.73     | 0.85     | 0.77       | 9.12    | ppb   |
| Tin        | 118-1 | 1.20     | 1.33     | 1.54     | 1.35       | 12.67   | ppb   |
| Titanium   | 47-1  | 74.06    | 73.64    | 85.08    | 77.59      | 8.35    | ppb   |
| Uranium    | 238-1 | 0.17     | 0.17     | 0.21     | 0.18       | 10.34   | ppb   |
| Vanadium   | 51-2  | 187.50   | 190.35   | 183.14   | 187.00     | 1.94    | ppb   |
| Yttrium    | 89-1  |          |          |          | 105        |         | %     |
| Yttrium    | 89-2  |          |          |          | 100        |         | %     |
| Zinc       | 66-2  | 173.26   | 177.97   | 172.02   | 174.42     | 1.80    | ppb   |
| Zirconium  | 90-1  | 1.87     | 1.74     | 2.10     | 1.90       | 9.78    | ppb   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB94089             | Operator :        | Jaswal    |
| Lab Sample ID :         | J1989-09            | Instrumnet Name : | P8        |
| Client Sample ID :      | MJHRA8              | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2018-03-22 16:09:06 | DataFile Name :   | 073SMPL.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|-----------|------|---------|---------|---------|------------|---------|-------|
| Zirconium | 91-1 | 1.74    | 1.86    | 2.10    | 1.90       | 9.55    | ppb   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB94089             | Operator :        | Jaswal    |
| Lab Sample ID :         | J1989-10            | Instrumnet Name : | P8        |
| Client Sample ID :      | MJHRA9              | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2018-03-22 16:12:25 | DataFile Name :   | 074SMPL.d |

| Parameter  | Mass  | ConRep1  | ConRep2  | ConRep3  | Avg. Conc. | ConcRSD | Units |
|------------|-------|----------|----------|----------|------------|---------|-------|
| Aluminium  | 27-2  | 36536.76 | 36594.30 | 35583.22 | 36238.10   | 1.57    | ppb   |
| Antimony   | 121-1 | 13.60    | 13.43    | 14.86    | 13.96      | 5.58    | ppb   |
| Arsenic    | 75-2  | 154.19   | 151.76   | 153.60   | 153.18     | 0.83    | ppb   |
| Barium     | 135-1 | 44.56    | 45.12    | 50.03    | 46.57      | 6.46    | ppb   |
| Barium     | 137-1 | 45.50    | 45.92    | 48.69    | 46.70      | 3.71    | ppb   |
| Beryllium  | 9-1   | 0.62     | 0.69     | 0.65     | 0.65       | 5.34    | ppb   |
| Bismuth    | 209-1 |          |          |          | 112        |         | %     |
| Bismuth    | 209-2 |          |          |          | 106        |         | %     |
| Boron      | 10-1  | 21.13    | 23.38    | 23.91    | 22.81      | 6.48    | ppb   |
| Boron      | 11-1  | 22.02    | 24.03    | 25.59    | 23.88      | 7.51    | ppb   |
| Cadmium    | 111-1 | -0.04    | -0.01    | -0.05    | -0.03      |         | ppb   |
| Cadmium    | 106-1 | -2.00    | -1.79    | -2.65    | -2.15      |         | ppb   |
| Cadmium    | 108-1 | 0.70     | 0.45     | 0.45     | 0.53       | 27.63   | ppb   |
| Calcium    | 43-1  | 8352.34  | 8294.41  | 9113.05  | 8586.60    | 5.32    | ppb   |
| Calcium    | 44-1  | 8583.74  | 8527.80  | 9347.68  | 8819.74    | 5.19    | ppb   |
| Chromium   | 52-2  | 55.63    | 54.85    | 54.25    | 54.91      | 1.26    | ppb   |
| Cobalt     | 59-2  | 21.04    | 21.25    | 21.33    | 21.21      | 0.71    | ppb   |
| Copper     | 63-2  | 123.93   | 125.84   | 121.90   | 123.89     | 1.59    | ppb   |
| Dysprosium | 156-1 |          |          |          |            |         | cps   |
| Dysprosium | 156-2 |          |          |          |            |         | cps   |
| Erbium     | 164-1 |          |          |          |            |         | cps   |
| Erbium     | 164-2 |          |          |          |            |         | cps   |
| Gadolinium | 160-1 |          |          |          |            |         | cps   |
| Gadolinium | 160-2 |          |          |          |            |         | cps   |
| Holmium    | 165-1 |          |          |          | 109        |         | %     |
| Holmium    | 165-2 |          |          |          | 104        |         | %     |
| Indium     | 115-1 |          |          |          | 101        |         | %     |
| Indium     | 115-2 |          |          |          | 96         |         | %     |
| Iron       | 56-2  | 45572.53 | 45690.14 | 44505.60 | 45256.09   | 1.44    | ppb   |
| Iron       | 57-2  | 44890.93 | 44531.62 | 43983.15 | 44468.57   | 1.03    | ppb   |
| Lead       | 206-1 | 45.82    | 45.80    | 50.73    | 47.45      | 5.98    | ppb   |
| Lead       | 207-1 | 42.57    | 42.27    | 46.33    | 43.72      | 5.18    | ppb   |
| Lead       | 208-1 | 44.19    | 44.13    | 48.78    | 45.70      | 5.83    | ppb   |
| Lithium    | 6-1   |          |          |          | 100        |         | %     |
| Magnesium  | 24-2  | 7502.16  | 7521.10  | 7341.89  | 7455.05    | 1.32    | ppb   |
| Manganese  | 55-2  | 626.82   | 619.54   | 614.09   | 620.15     | 1.03    | ppb   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB94089             | Operator :        | Jaswal    |
| Lab Sample ID :         | J1989-10            | Instrumnet Name : | P8        |
| Client Sample ID :      | MJHRA9              | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2018-03-22 16:12:25 | DataFile Name :   | 074SMPL.d |

| Parameter  | Mass  | ConRep1  | ConRep2  | ConRep3  | Avg. Conc. | ConcRSD | Units |
|------------|-------|----------|----------|----------|------------|---------|-------|
| Molybdenum | 94-1  | 3.06     | 2.85     | 3.27     | 3.06       | 6.89    | ppb   |
| Molybdenum | 95-1  | 1.54     | 1.60     | 1.82     | 1.65       | 8.85    | ppb   |
| Molybdenum | 96-1  | 1.76     | 1.87     | 2.23     | 1.95       | 12.65   | ppb   |
| Molybdenum | 97-1  | 1.64     | 1.67     | 1.96     | 1.76       | 10.05   | ppb   |
| Molybdenum | 98-1  | 1.48     | 1.71     | 1.85     | 1.68       | 11.24   | ppb   |
| Neodymium  | 150-1 |          |          |          |            |         | cps   |
| Neodymium  | 150-2 |          |          |          |            |         | cps   |
| Nickel     | 60-2  | 29.88    | 31.24    | 28.81    | 29.97      | 4.06    | ppb   |
| Phosphorus | 31-2  | 993.46   | 1163.06  | 1225.17  | 1127.23    | 10.64   | ppb   |
| Potassium  | 39-2  | 508.11   | 552.33   | 522.13   | 527.52     | 4.28    | ppb   |
| Rhodium    | 103-1 |          |          |          | 100        |         | %     |
| Rhodium    | 103-2 |          |          |          | 101        |         | %     |
| Scandium   | 45-1  |          |          |          | 96         |         | %     |
| Scandium   | 45-2  |          |          |          | 89         |         | %     |
| Selenium   | 77-2  | 54.31    | 47.56    | 18.54    | 40.14      | 47.34   | ppb   |
| Selenium   | 78-2  | 0.78     | 3.00     | 0.74     | 1.51       | 85.92   | ppb   |
| Selenium   | 82-1  | 0.62     | 0.44     | 0.69     | 0.58       | 21.58   | ppb   |
| Silicon    | 28-1  | 1326.64  | 1214.86  | 1363.00  | 1301.50    | 5.93    | ppb   |
| Silver     | 109-1 | 0.09     | 0.08     | 0.10     | 0.09       | 9.16    | ppb   |
| Silver     | 107-1 | 0.10     | 0.09     | 0.09     | 0.09       | 2.80    | ppb   |
| Sodium     | 23-2  | 1102.40  | 1109.30  | 1083.71  | 1098.47    | 1.21    | ppb   |
| Strontium  | 86-1  | 89.57    | 89.02    | 99.20    | 92.60      | 6.18    | ppb   |
| Strontium  | 88-1  | 94.09    | 90.82    | 103.92   | 96.28      | 7.08    | ppb   |
| Sulfur     | 34-1  | -6248.76 | -6385.81 | -5292.67 | -5975.75   |         | ppb   |
| Terbium    | 159-1 |          |          |          | 108        |         | %     |
| Terbium    | 159-2 |          |          |          | 104        |         | %     |
| Thallium   | 203-1 | 0.20     | 0.25     | 0.26     | 0.24       | 12.65   | ppb   |
| Thallium   | 205-1 | 0.23     | 0.22     | 0.24     | 0.23       | 4.35    | ppb   |
| Tin        | 118-1 | 1.24     | 1.30     | 1.93     | 1.49       | 26.00   | ppb   |
| Titanium   | 47-1  | 126.82   | 131.90   | 145.78   | 134.83     | 7.28    | ppb   |
| Uranium    | 238-1 | 0.15     | 0.17     | 0.19     | 0.17       | 12.17   | ppb   |
| Vanadium   | 51-2  | 96.42    | 98.60    | 96.65    | 97.22      | 1.23    | ppb   |
| Yttrium    | 89-1  |          |          |          | 102        |         | %     |
| Yttrium    | 89-2  |          |          |          | 97         |         | %     |
| Zinc       | 66-2  | 73.55    | 77.53    | 72.22    | 74.43      | 3.72    | ppb   |
| Zirconium  | 90-1  | 1.13     | 1.17     | 1.17     | 1.15       | 1.88    | ppb   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB94089             | Operator :        | Jaswal    |
| Lab Sample ID :         | J1989-10            | Instrumnet Name : | P8        |
| Client Sample ID :      | MJHRA9              | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2018-03-22 16:12:25 | DataFile Name :   | 074SMPL.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|-----------|------|---------|---------|---------|------------|---------|-------|
| Zirconium | 91-1 | 1.10    | 1.07    | 1.33    | 1.17       | 12.16   | ppb   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB94089             | Operator :        | Jaswal    |
| Lab Sample ID :         | J1989-11            | Instrumnet Name : | P8        |
| Client Sample ID :      | MJHRB0              | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2018-03-22 16:15:45 | DataFile Name :   | 075SMPL.d |

| Parameter  | Mass  | ConRep1  | ConRep2  | ConRep3  | Avg. Conc. | ConcRSD | Units |
|------------|-------|----------|----------|----------|------------|---------|-------|
| Aluminium  | 27-2  | 35966.28 | 36197.48 | 36152.27 | 36105.34   | 0.34    | ppb   |
| Antimony   | 121-1 | 1.58     | 1.68     | 1.70     | 1.65       | 3.80    | ppb   |
| Arsenic    | 75-2  | 70.61    | 74.45    | 70.54    | 71.86      | 3.11    | ppb   |
| Barium     | 135-1 | 267.76   | 265.66   | 268.71   | 267.37     | 0.58    | ppb   |
| Barium     | 137-1 | 270.85   | 267.12   | 271.02   | 269.67     | 0.82    | ppb   |
| Beryllium  | 9-1   | 1.26     | 1.21     | 1.39     | 1.28       | 7.06    | ppb   |
| Bismuth    | 209-1 |          |          |          | 114        |         | %     |
| Bismuth    | 209-2 |          |          |          | 108        |         | %     |
| Boron      | 10-1  | 5.66     | 5.02     | 4.34     | 5.00       | 13.20   | ppb   |
| Boron      | 11-1  | 4.45     | 4.04     | 4.00     | 4.16       | 5.98    | ppb   |
| Cadmium    | 111-1 | 0.18     | 0.06     | 0.03     | 0.09       | 88.97   | ppb   |
| Cadmium    | 106-1 | -0.73    | -2.19    | -2.43    | -1.79      |         | ppb   |
| Cadmium    | 108-1 | 0.37     | 0.36     | 0.41     | 0.38       | 7.42    | ppb   |
| Calcium    | 43-1  | 6128.63  | 5957.27  | 6055.07  | 6046.99    | 1.42    | ppb   |
| Calcium    | 44-1  | 6069.41  | 6094.93  | 6282.71  | 6149.02    | 1.89    | ppb   |
| Chromium   | 52-2  | 72.54    | 73.17    | 71.33    | 72.35      | 1.30    | ppb   |
| Cobalt     | 59-2  | 60.50    | 61.47    | 60.09    | 60.68      | 1.17    | ppb   |
| Copper     | 63-2  | 155.58   | 157.66   | 153.28   | 155.51     | 1.41    | ppb   |
| Dysprosium | 156-1 |          |          |          |            |         | cps   |
| Dysprosium | 156-2 |          |          |          |            |         | cps   |
| Erbium     | 164-1 |          |          |          |            |         | cps   |
| Erbium     | 164-2 |          |          |          |            |         | cps   |
| Gadolinium | 160-1 |          |          |          |            |         | cps   |
| Gadolinium | 160-2 |          |          |          |            |         | cps   |
| Holmium    | 165-1 |          |          |          | 112        |         | %     |
| Holmium    | 165-2 |          |          |          | 104        |         | %     |
| Indium     | 115-1 |          |          |          | 104        |         | %     |
| Indium     | 115-2 |          |          |          | 95         |         | %     |
| Iron       | 56-2  | 65381.31 | 65913.83 | 64192.39 | 65162.51   | 1.35    | ppb   |
| Iron       | 57-2  | 64040.09 | 65026.26 | 63136.65 | 64067.67   | 1.48    | ppb   |
| Lead       | 206-1 | 11.19    | 11.08    | 11.39    | 11.22      | 1.40    | ppb   |
| Lead       | 207-1 | 10.14    | 10.37    | 10.43    | 10.31      | 1.50    | ppb   |
| Lead       | 208-1 | 10.70    | 10.78    | 10.90    | 10.79      | 0.93    | ppb   |
| Lithium    | 6-1   |          |          |          | 102        |         | %     |
| Magnesium  | 24-2  | 7843.52  | 7970.94  | 7813.86  | 7876.11    | 1.06    | ppb   |
| Manganese  | 55-2  | 2917.34  | 2932.77  | 2907.73  | 2919.28    | 0.43    | ppb   |



|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB94089             | Operator :        | Jaswal    |
| Lab Sample ID :         | J1989-11            | Instrumnet Name : | P8        |
| Client Sample ID :      | MJHRB0              | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2018-03-22 16:15:45 | DataFile Name :   | 075SMPL.d |

| Parameter  | Mass  | ConRep1  | ConRep2  | ConRep3  | Avg. Conc. | ConcRSD | Units |
|------------|-------|----------|----------|----------|------------|---------|-------|
| Molybdenum | 94-1  | 1.44     | 1.72     | 2.01     | 1.72       | 16.40   | ppb   |
| Molybdenum | 95-1  | 0.59     | 0.55     | 0.66     | 0.60       | 9.39    | ppb   |
| Molybdenum | 96-1  | 0.75     | 0.81     | 0.89     | 0.82       | 8.70    | ppb   |
| Molybdenum | 97-1  | 0.59     | 0.54     | 0.58     | 0.57       | 4.38    | ppb   |
| Molybdenum | 98-1  | 0.52     | 0.52     | 0.59     | 0.54       | 6.85    | ppb   |
| Neodymium  | 150-1 |          |          |          |            |         | cps   |
| Neodymium  | 150-2 |          |          |          |            |         | cps   |
| Nickel     | 60-2  | 47.05    | 46.83    | 44.32    | 46.06      | 3.29    | ppb   |
| Phosphorus | 31-2  | 1023.83  | 1088.43  | 1200.15  | 1104.14    | 8.08    | ppb   |
| Potassium  | 39-2  | 870.05   | 865.94   | 808.84   | 848.27     | 4.03    | ppb   |
| Rhodium    | 103-1 |          |          |          | 103        |         | %     |
| Rhodium    | 103-2 |          |          |          | 101        |         | %     |
| Scandium   | 45-1  |          |          |          | 100        |         | %     |
| Scandium   | 45-2  |          |          |          | 91         |         | %     |
| Selenium   | 77-2  | 66.77    | 67.78    | 25.06    | 53.20      | 45.82   | ppb   |
| Selenium   | 78-2  | 12.47    | 5.09     | 0.71     | 6.09       | 97.63   | ppb   |
| Selenium   | 82-1  | -0.45    | 0.68     | -0.25    | -0.01      |         | ppb   |
| Silicon    | 28-1  | 1257.67  | 1187.75  | 1262.58  | 1236.00    | 3.39    | ppb   |
| Silver     | 109-1 | 0.10     | 0.09     | 0.09     | 0.09       | 5.96    | ppb   |
| Silver     | 107-1 | 0.08     | 0.09     | 0.11     | 0.09       | 20.48   | ppb   |
| Sodium     | 23-2  | 348.66   | 351.73   | 356.91   | 352.43     | 1.18    | ppb   |
| Strontium  | 86-1  | 160.97   | 159.20   | 163.13   | 161.10     | 1.22    | ppb   |
| Strontium  | 88-1  | 167.21   | 163.71   | 168.66   | 166.53     | 1.53    | ppb   |
| Sulfur     | 34-1  | -6587.76 | -6911.73 | -6622.22 | -6707.24   |         | ppb   |
| Terbium    | 159-1 |          |          |          | 111        |         | %     |
| Terbium    | 159-2 |          |          |          | 103        |         | %     |
| Thallium   | 203-1 | 0.16     | 0.13     | 0.16     | 0.15       | 10.83   | ppb   |
| Thallium   | 205-1 | 0.15     | 0.16     | 0.16     | 0.16       | 4.32    | ppb   |
| Tin        | 118-1 | 0.99     | 0.91     | 1.03     | 0.98       | 5.98    | ppb   |
| Titanium   | 47-1  | 130.02   | 126.92   | 131.24   | 129.39     | 1.72    | ppb   |
| Uranium    | 238-1 | 0.33     | 0.34     | 0.34     | 0.34       | 2.86    | ppb   |
| Vanadium   | 51-2  | 162.35   | 164.61   | 164.45   | 163.80     | 0.77    | ppb   |
| Yttrium    | 89-1  |          |          |          | 107        |         | %     |
| Yttrium    | 89-2  |          |          |          | 99         |         | %     |
| Zinc       | 66-2  | 151.44   | 151.75   | 150.75   | 151.32     | 0.34    | ppb   |
| Zirconium  | 90-1  | 0.86     | 0.84     | 0.88     | 0.86       | 2.07    | ppb   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB94089             | Operator :        | Jaswal    |
| Lab Sample ID :         | J1989-11            | Instrumnet Name : | P8        |
| Client Sample ID :      | MJHRB0              | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2018-03-22 16:15:45 | DataFile Name :   | 075SMPL.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|-----------|------|---------|---------|---------|------------|---------|-------|
| Zirconium | 91-1 | 0.88    | 0.82    | 0.88    | 0.86       | 3.99    | ppb   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB94089             | Operator :        | Jaswal    |
| Lab Sample ID :         | J1989-12            | Instrumnet Name : | P8        |
| Client Sample ID :      | MJHRB0D             | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2018-03-22 16:19:04 | DataFile Name :   | 076SMPL.d |

| Parameter  | Mass  | ConRep1  | ConRep2  | ConRep3  | Avg. Conc. | ConcRSD | Units |
|------------|-------|----------|----------|----------|------------|---------|-------|
| Aluminium  | 27-2  | 36491.52 | 36267.55 | 36686.13 | 36481.73   | 0.57    | ppb   |
| Antimony   | 121-1 | 1.76     | 1.74     | 1.83     | 1.78       | 2.83    | ppb   |
| Arsenic    | 75-2  | 74.86    | 72.45    | 75.06    | 74.12      | 1.96    | ppb   |
| Barium     | 135-1 | 270.31   | 264.13   | 270.84   | 268.43     | 1.39    | ppb   |
| Barium     | 137-1 | 273.68   | 267.69   | 272.44   | 271.27     | 1.17    | ppb   |
| Beryllium  | 9-1   | 1.14     | 1.09     | 0.95     | 1.06       | 9.06    | ppb   |
| Bismuth    | 209-1 |          |          |          | 114        |         | %     |
| Bismuth    | 209-2 |          |          |          | 107        |         | %     |
| Boron      | 10-1  | 2.92     | 4.27     | 2.70     | 3.30       | 25.81   | ppb   |
| Boron      | 11-1  | 3.68     | 4.45     | 3.46     | 3.86       | 13.44   | ppb   |
| Cadmium    | 111-1 | 0.13     | 0.14     | 0.15     | 0.14       | 5.04    | ppb   |
| Cadmium    | 106-1 | -1.09    | -0.74    | -0.77    | -0.87      |         | ppb   |
| Cadmium    | 108-1 | 0.75     | 0.65     | 0.67     | 0.69       | 7.61    | ppb   |
| Calcium    | 43-1  | 6069.91  | 5954.36  | 5968.70  | 5997.66    | 1.05    | ppb   |
| Calcium    | 44-1  | 6163.24  | 6054.07  | 6258.55  | 6158.62    | 1.66    | ppb   |
| Chromium   | 52-2  | 73.12    | 73.87    | 72.98    | 73.33      | 0.65    | ppb   |
| Cobalt     | 59-2  | 59.03    | 60.17    | 59.33    | 59.51      | 1.00    | ppb   |
| Copper     | 63-2  | 160.82   | 161.17   | 160.09   | 160.69     | 0.34    | ppb   |
| Dysprosium | 156-1 |          |          |          |            |         | cps   |
| Dysprosium | 156-2 |          |          |          |            |         | cps   |
| Erbium     | 164-1 |          |          |          |            |         | cps   |
| Erbium     | 164-2 |          |          |          |            |         | cps   |
| Gadolinium | 160-1 |          |          |          |            |         | cps   |
| Gadolinium | 160-2 |          |          |          |            |         | cps   |
| Holmium    | 165-1 |          |          |          | 111        |         | %     |
| Holmium    | 165-2 |          |          |          | 104        |         | %     |
| Indium     | 115-1 |          |          |          | 104        |         | %     |
| Indium     | 115-2 |          |          |          | 96         |         | %     |
| Iron       | 56-2  | 64837.67 | 65652.17 | 65017.10 | 65168.98   | 0.66    | ppb   |
| Iron       | 57-2  | 63920.49 | 64396.03 | 63763.94 | 64026.82   | 0.51    | ppb   |
| Lead       | 206-1 | 12.18    | 12.08    | 12.10    | 12.12      | 0.46    | ppb   |
| Lead       | 207-1 | 11.15    | 10.94    | 11.30    | 11.13      | 1.63    | ppb   |
| Lead       | 208-1 | 11.70    | 11.60    | 11.65    | 11.65      | 0.46    | ppb   |
| Lithium    | 6-1   |          |          |          | 104        |         | %     |
| Magnesium  | 24-2  | 7971.68  | 8102.09  | 8044.90  | 8039.56    | 0.81    | ppb   |
| Manganese  | 55-2  | 2800.24  | 2819.87  | 2813.12  | 2811.08    | 0.35    | ppb   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB94089             | Operator :        | Jaswal    |
| Lab Sample ID :         | J1989-12            | Instrumnet Name : | P8        |
| Client Sample ID :      | MJHRB0D             | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2018-03-22 16:19:04 | DataFile Name :   | 076SMPL.d |

| Parameter  | Mass  | ConRep1  | ConRep2  | ConRep3  | Avg. Conc. | ConcRSD | Units |
|------------|-------|----------|----------|----------|------------|---------|-------|
| Molybdenum | 94-1  | 1.88     | 1.73     | 1.83     | 1.81       | 4.28    | ppb   |
| Molybdenum | 95-1  | 0.59     | 0.57     | 0.69     | 0.61       | 10.45   | ppb   |
| Molybdenum | 96-1  | 0.79     | 0.88     | 0.99     | 0.89       | 11.36   | ppb   |
| Molybdenum | 97-1  | 0.72     | 0.57     | 0.70     | 0.66       | 12.67   | ppb   |
| Molybdenum | 98-1  | 0.64     | 0.70     | 0.66     | 0.67       | 4.30    | ppb   |
| Neodymium  | 150-1 |          |          |          |            |         | cps   |
| Neodymium  | 150-2 |          |          |          |            |         | cps   |
| Nickel     | 60-2  | 46.15    | 46.39    | 45.61    | 46.05      | 0.86    | ppb   |
| Phosphorus | 31-2  | 1443.90  | 1046.06  | 1174.07  | 1221.34    | 16.63   | ppb   |
| Potassium  | 39-2  | 842.96   | 838.82   | 795.72   | 825.83     | 3.17    | ppb   |
| Rhodium    | 103-1 |          |          |          | 103        |         | %     |
| Rhodium    | 103-2 |          |          |          | 101        |         | %     |
| Scandium   | 45-1  |          |          |          | 101        |         | %     |
| Scandium   | 45-2  |          |          |          | 92         |         | %     |
| Selenium   | 77-2  | 59.37    | 53.39    | 109.40   | 74.06      | 41.54   | ppb   |
| Selenium   | 78-2  | 6.00     | 8.27     | 0.75     | 5.01       | 77.04   | ppb   |
| Selenium   | 82-1  | -0.56    | 0.74     | 1.03     | 0.40       | 209.63  | ppb   |
| Silicon    | 28-1  | 1227.30  | 1256.03  | 1223.25  | 1235.53    | 1.45    | ppb   |
| Silver     | 109-1 | 0.09     | 0.08     | 0.09     | 0.08       | 6.90    | ppb   |
| Silver     | 107-1 | 0.12     | 0.09     | 0.11     | 0.11       | 10.02   | ppb   |
| Sodium     | 23-2  | 356.63   | 341.21   | 353.57   | 350.47     | 2.33    | ppb   |
| Strontium  | 86-1  | 163.82   | 162.25   | 161.65   | 162.57     | 0.69    | ppb   |
| Strontium  | 88-1  | 170.16   | 166.91   | 170.41   | 169.16     | 1.15    | ppb   |
| Sulfur     | 34-1  | -6776.56 | -6907.57 | -6695.44 | -6793.19   |         | ppb   |
| Terbium    | 159-1 |          |          |          | 111        |         | %     |
| Terbium    | 159-2 |          |          |          | 104        |         | %     |
| Thallium   | 203-1 | 0.14     | 0.19     | 0.15     | 0.16       | 18.54   | ppb   |
| Thallium   | 205-1 | 0.16     | 0.14     | 0.16     | 0.16       | 7.88    | ppb   |
| Tin        | 118-1 | 0.97     | 1.04     | 0.95     | 0.99       | 4.64    | ppb   |
| Titanium   | 47-1  | 124.53   | 124.28   | 124.07   | 124.29     | 0.19    | ppb   |
| Uranium    | 238-1 | 0.35     | 0.33     | 0.33     | 0.34       | 2.26    | ppb   |
| Vanadium   | 51-2  | 160.18   | 163.79   | 160.93   | 161.63     | 1.18    | ppb   |
| Yttrium    | 89-1  |          |          |          | 107        |         | %     |
| Yttrium    | 89-2  |          |          |          | 99         |         | %     |
| Zinc       | 66-2  | 148.99   | 148.95   | 151.10   | 149.68     | 0.82    | ppb   |
| Zirconium  | 90-1  | 0.79     | 0.79     | 0.77     | 0.79       | 1.52    | ppb   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB94089             | Operator :        | Jaswal    |
| Lab Sample ID :         | J1989-12            | Instrumnet Name : | P8        |
| Client Sample ID :      | MJHRB0D             | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2018-03-22 16:19:04 | DataFile Name :   | 076SMPL.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|-----------|------|---------|---------|---------|------------|---------|-------|
| Zirconium | 91-1 | 0.97    | 0.81    | 0.86    | 0.88       | 9.47    | ppb   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB94089             | Operator :        | Jaswal    |
| Lab Sample ID :         | J1989-11LX5         | Instrumnet Name : | P8        |
| Client Sample ID :      | MJHRB0L             | Dilution Factor : | 5         |
| Date & Time Acquired :: | 2018-03-22 16:22:22 | DataFile Name :   | 077SMPL.d |

| Parameter  | Mass  | ConRep1  | ConRep2  | ConRep3  | Avg. Conc. | ConcRSD | Units |
|------------|-------|----------|----------|----------|------------|---------|-------|
| Aluminium  | 27-2  | 7179.35  | 7583.59  | 7371.52  | 7378.15    | 2.74    | ppb   |
| Antimony   | 121-1 | 0.36     | 0.33     | 0.38     | 0.35       | 6.49    | ppb   |
| Arsenic    | 75-2  | 14.94    | 14.81    | 15.41    | 15.05      | 2.11    | ppb   |
| Barium     | 135-1 | 54.46    | 52.33    | 52.26    | 53.01      | 2.36    | ppb   |
| Barium     | 137-1 | 55.35    | 51.80    | 53.46    | 53.53      | 3.32    | ppb   |
| Beryllium  | 9-1   | 0.23     | 0.13     | 0.27     | 0.21       | 32.69   | ppb   |
| Bismuth    | 209-1 |          |          |          | 113        |         | %     |
| Bismuth    | 209-2 |          |          |          | 109        |         | %     |
| Boron      | 10-1  | 1.30     | 1.44     | 1.33     | 1.36       | 5.34    | ppb   |
| Boron      | 11-1  | 1.85     | 1.56     | 1.76     | 1.72       | 8.73    | ppb   |
| Cadmium    | 111-1 | -0.18    | -0.13    | -0.21    | -0.17      |         | ppb   |
| Cadmium    | 106-1 | -2.98    | -2.12    | -3.15    | -2.75      |         | ppb   |
| Cadmium    | 108-1 | 0.07     | 0.06     | 0.11     | 0.08       | 31.43   | ppb   |
| Calcium    | 43-1  | 1205.61  | 1231.35  | 1233.37  | 1223.44    | 1.26    | ppb   |
| Calcium    | 44-1  | 1226.85  | 1200.73  | 1211.65  | 1213.08    | 1.08    | ppb   |
| Chromium   | 52-2  | 14.58    | 15.03    | 14.83    | 14.81      | 1.50    | ppb   |
| Cobalt     | 59-2  | 12.46    | 12.28    | 12.13    | 12.29      | 1.32    | ppb   |
| Copper     | 63-2  | 31.10    | 31.56    | 31.22    | 31.29      | 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 |          |          |          | 110        |         | %     |
| Holmium    | 165-2 |          |          |          | 104        |         | %     |
| Indium     | 115-1 |          |          |          | 103        |         | %     |
| Indium     | 115-2 |          |          |          | 97         |         | %     |
| Iron       | 56-2  | 13290.42 | 13388.16 | 13070.52 | 13249.70   | 1.23    | ppb   |
| Iron       | 57-2  | 12846.29 | 13084.16 | 12844.26 | 12924.90   | 1.07    | ppb   |
| Lead       | 206-1 | 2.28     | 2.23     | 2.25     | 2.25       | 1.31    | ppb   |
| Lead       | 207-1 | 2.07     | 2.02     | 2.04     | 2.04       | 1.24    | ppb   |
| Lead       | 208-1 | 2.15     | 2.14     | 2.13     | 2.14       | 0.50    | ppb   |
| Lithium    | 6-1   |          |          |          | 101        |         | %     |
| Magnesium  | 24-2  | 1574.41  | 1587.85  | 1585.59  | 1582.61    | 0.45    | ppb   |
| Manganese  | 55-2  | 588.61   | 598.87   | 584.87   | 590.78     | 1.23    | ppb   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB94089             | Operator :        | Jaswal    |
| Lab Sample ID :         | J1989-11LX5         | Instrumnet Name : | P8        |
| Client Sample ID :      | MJHRB0L             | Dilution Factor : | 5         |
| Date & Time Acquired :: | 2018-03-22 16:22:22 | DataFile Name :   | 077SMPL.d |

| Parameter  | Mass  | ConRep1  | ConRep2  | ConRep3  | Avg. Conc. | ConcRSD | Units |
|------------|-------|----------|----------|----------|------------|---------|-------|
| Molybdenum | 94-1  | 0.32     | 0.28     | 0.34     | 0.32       | 10.38   | ppb   |
| Molybdenum | 95-1  | 0.14     | 0.11     | 0.17     | 0.14       | 23.14   | ppb   |
| Molybdenum | 96-1  | 0.15     | 0.22     | 0.20     | 0.19       | 20.94   | ppb   |
| Molybdenum | 97-1  | 0.12     | 0.12     | 0.20     | 0.15       | 29.44   | ppb   |
| Molybdenum | 98-1  | 0.13     | 0.15     | 0.14     | 0.14       | 7.19    | ppb   |
| Neodymium  | 150-1 |          |          |          |            |         | cps   |
| Neodymium  | 150-2 |          |          |          |            |         | cps   |
| Nickel     | 60-2  | 8.96     | 9.17     | 8.78     | 8.97       | 2.20    | ppb   |
| Phosphorus | 31-2  | 166.00   | 85.63    | 218.74   | 156.79     | 42.75   | ppb   |
| Potassium  | 39-2  | 111.35   | 158.36   | 151.27   | 140.33     | 18.06   | ppb   |
| Rhodium    | 103-1 |          |          |          | 103        |         | %     |
| Rhodium    | 103-2 |          |          |          | 102        |         | %     |
| Scandium   | 45-1  |          |          |          | 98         |         | %     |
| Scandium   | 45-2  |          |          |          | 90         |         | %     |
| Selenium   | 77-2  | -2.29    | 26.08    | 18.89    | 14.23      | 103.65  | ppb   |
| Selenium   | 78-2  | 3.99     | 2.98     | 2.96     | 3.31       | 17.72   | ppb   |
| Selenium   | 82-1  | 0.37     | 0.03     | -0.70    | -0.10      |         | ppb   |
| Silicon    | 28-1  | 276.87   | 269.66   | 290.68   | 279.07     | 3.83    | ppb   |
| Silver     | 109-1 | 0.03     | 0.02     | 0.02     | 0.03       | 25.03   | ppb   |
| Silver     | 107-1 | 0.02     | 0.01     | 0.02     | 0.02       | 20.92   | ppb   |
| Sodium     | 23-2  | 64.70    | 67.75    | 56.42    | 62.96      | 9.31    | ppb   |
| Strontium  | 86-1  | 33.54    | 32.63    | 32.76    | 32.98      | 1.48    | ppb   |
| Strontium  | 88-1  | 33.56    | 32.69    | 33.24    | 33.16      | 1.31    | ppb   |
| Sulfur     | 34-1  | -6470.10 | -6634.34 | -6651.10 | -6585.18   |         | ppb   |
| Terbium    | 159-1 |          |          |          | 109        |         | %     |
| Terbium    | 159-2 |          |          |          | 104        |         | %     |
| Thallium   | 203-1 | 0.05     | 0.05     | 0.02     | 0.04       | 36.44   | ppb   |
| Thallium   | 205-1 | 0.04     | 0.06     | 0.04     | 0.04       | 27.93   | ppb   |
| Tin        | 118-1 | 0.29     | 0.27     | 0.24     | 0.27       | 10.59   | ppb   |
| Titanium   | 47-1  | 27.40    | 26.79    | 26.62    | 26.93      | 1.53    | ppb   |
| Uranium    | 238-1 | 0.06     | 0.06     | 0.07     | 0.06       | 6.73    | ppb   |
| Vanadium   | 51-2  | 31.81    | 33.63    | 32.36    | 32.60      | 2.87    | ppb   |
| Yttrium    | 89-1  |          |          |          | 103        |         | %     |
| Yttrium    | 89-2  |          |          |          | 97         |         | %     |
| Zinc       | 66-2  | 30.06    | 32.42    | 29.38    | 30.62      | 5.22    | ppb   |
| Zirconium  | 90-1  | 0.15     | 0.15     | 0.15     | 0.15       | 2.21    | ppb   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB94089             | Operator :        | Jaswal    |
| Lab Sample ID :         | J1989-11LX5         | Instrumnet Name : | P8        |
| Client Sample ID :      | MJHRB0L             | Dilution Factor : | 5         |
| Date & Time Acquired :: | 2018-03-22 16:22:22 | DataFile Name :   | 077SMPL.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|-----------|------|---------|---------|---------|------------|---------|-------|
| Zirconium | 91-1 | 0.19    | 0.23    | 0.19    | 0.20       | 12.90   | ppb   |



|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB94089             | Operator :        | Jaswal    |
| Lab Sample ID :         | J1989-13            | Instrumnet Name : | P8        |
| Client Sample ID :      | MJHRB0S             | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2018-03-22 16:25:43 | DataFile Name :   | 078SMPL.d |

| Parameter  | Mass  | ConRep1  | ConRep2  | ConRep3  | Avg. Conc. | ConcRSD | Units |
|------------|-------|----------|----------|----------|------------|---------|-------|
| Aluminium  | 27-2  | 35547.93 | 36456.34 | 36290.89 | 36098.39   | 1.34    | ppb   |
| Antimony   | 121-1 | 20.58    | 20.68    | 20.76    | 20.67      | 0.44    | ppb   |
| Arsenic    | 75-2  | 78.59    | 81.07    | 83.87    | 81.18      | 3.25    | ppb   |
| Barium     | 135-1 | 651.73   | 651.10   | 650.83   | 651.22     | 0.07    | ppb   |
| Barium     | 137-1 | 676.98   | 675.71   | 671.09   | 674.60     | 0.46    | ppb   |
| Beryllium  | 9-1   | 10.66    | 9.71     | 10.57    | 10.31      | 5.05    | ppb   |
| Bismuth    | 209-1 |          |          |          | 114        |         | %     |
| Bismuth    | 209-2 |          |          |          | 109        |         | %     |
| Boron      | 10-1  | 2.19     | 2.28     | 2.50     | 2.32       | 6.98    | ppb   |
| Boron      | 11-1  | 2.92     | 3.38     | 2.84     | 3.05       | 9.48    | ppb   |
| Cadmium    | 111-1 | 9.65     | 9.78     | 9.25     | 9.56       | 2.88    | ppb   |
| Cadmium    | 106-1 | 6.39     | 6.10     | 3.39     | 5.29       | 31.29   | ppb   |
| Cadmium    | 108-1 | 8.61     | 9.26     | 9.48     | 9.11       | 4.96    | ppb   |
| Calcium    | 43-1  | 6106.03  | 5900.54  | 5898.98  | 5968.52    | 2.00    | ppb   |
| Calcium    | 44-1  | 6114.84  | 5992.28  | 5992.11  | 6033.07    | 1.17    | ppb   |
| Chromium   | 52-2  | 109.71   | 112.44   | 111.15   | 111.10     | 1.23    | ppb   |
| Cobalt     | 59-2  | 158.13   | 160.60   | 159.68   | 159.47     | 0.79    | ppb   |
| Copper     | 63-2  | 201.87   | 206.98   | 205.53   | 204.80     | 1.29    | ppb   |
| Dysprosium | 156-1 |          |          |          |            |         | cps   |
| Dysprosium | 156-2 |          |          |          |            |         | cps   |
| Erbium     | 164-1 |          |          |          |            |         | cps   |
| Erbium     | 164-2 |          |          |          |            |         | cps   |
| Gadolinium | 160-1 |          |          |          |            |         | cps   |
| Gadolinium | 160-2 |          |          |          |            |         | cps   |
| Holmium    | 165-1 |          |          |          | 112        |         | %     |
| Holmium    | 165-2 |          |          |          | 105        |         | %     |
| Indium     | 115-1 |          |          |          | 105        |         | %     |
| Indium     | 115-2 |          |          |          | 96         |         | %     |
| Iron       | 56-2  | 63955.76 | 65655.22 | 65307.33 | 64972.77   | 1.38    | ppb   |
| Iron       | 57-2  | 63061.02 | 64230.00 | 63899.96 | 63730.33   | 0.95    | ppb   |
| Lead       | 206-1 | 15.40    | 15.08    | 15.13    | 15.20      | 1.12    | ppb   |
| Lead       | 207-1 | 14.12    | 13.96    | 14.14    | 14.07      | 0.69    | ppb   |
| Lead       | 208-1 | 14.79    | 14.57    | 14.77    | 14.71      | 0.85    | ppb   |
| Lithium    | 6-1   |          |          |          | 105        |         | %     |
| Magnesium  | 24-2  | 7827.43  | 7982.18  | 7857.29  | 7888.97    | 1.04    | ppb   |
| Manganese  | 55-2  | 2933.39  | 2970.85  | 2936.14  | 2946.80    | 0.71    | ppb   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB94089             | Operator :        | Jaswal    |
| Lab Sample ID :         | J1989-13            | Instrumnet Name : | P8        |
| Client Sample ID :      | MJHRB0S             | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2018-03-22 16:25:43 | DataFile Name :   | 078SMPL.d |

| Parameter  | Mass  | ConRep1  | ConRep2  | ConRep3  | Avg. Conc. | ConcRSD | Units |
|------------|-------|----------|----------|----------|------------|---------|-------|
| Molybdenum | 94-1  | 1.74     | 1.60     | 1.67     | 1.67       | 4.27    | ppb   |
| Molybdenum | 95-1  | 0.46     | 0.51     | 0.45     | 0.47       | 7.04    | ppb   |
| Molybdenum | 96-1  | 0.75     | 0.73     | 0.85     | 0.77       | 8.33    | ppb   |
| Molybdenum | 97-1  | 0.59     | 0.57     | 0.61     | 0.59       | 3.50    | ppb   |
| Molybdenum | 98-1  | 0.44     | 0.44     | 0.51     | 0.46       | 8.55    | ppb   |
| Neodymium  | 150-1 |          |          |          |            |         | cps   |
| Neodymium  | 150-2 |          |          |          |            |         | cps   |
| Nickel     | 60-2  | 144.15   | 146.51   | 146.25   | 145.63     | 0.89    | ppb   |
| Phosphorus | 31-2  | 894.05   | 1282.56  | 1200.58  | 1125.73    | 18.19   | ppb   |
| Potassium  | 39-2  | 833.57   | 866.58   | 821.46   | 840.53     | 2.78    | ppb   |
| Rhodium    | 103-1 |          |          |          | 104        |         | %     |
| Rhodium    | 103-2 |          |          |          | 102        |         | %     |
| Scandium   | 45-1  |          |          |          | 102        |         | %     |
| Scandium   | 45-2  |          |          |          | 93         |         | %     |
| Selenium   | 77-2  | 85.70    | 100.07   | 88.50    | 91.43      | 8.33    | ppb   |
| Selenium   | 78-2  | 32.07    | 21.79    | 29.89    | 27.92      | 19.39   | ppb   |
| Selenium   | 82-1  | 18.90    | 19.54    | 18.40    | 18.95      | 3.01    | ppb   |
| Silicon    | 28-1  | 1260.79  | 1216.25  | 1208.81  | 1228.62    | 2.29    | ppb   |
| Silver     | 109-1 | 9.30     | 9.17     | 9.17     | 9.22       | 0.83    | ppb   |
| Silver     | 107-1 | 9.22     | 9.21     | 9.23     | 9.22       | 0.14    | ppb   |
| Sodium     | 23-2  | 320.02   | 346.27   | 331.79   | 332.69     | 3.95    | ppb   |
| Strontium  | 86-1  | 163.31   | 159.57   | 159.67   | 160.85     | 1.33    | ppb   |
| Strontium  | 88-1  | 167.10   | 166.02   | 162.55   | 165.22     | 1.44    | ppb   |
| Sulfur     | 34-1  | -6915.89 | -7071.67 | -7020.59 | -7002.72   |         | ppb   |
| Terbium    | 159-1 |          |          |          | 112        |         | %     |
| Terbium    | 159-2 |          |          |          | 104        |         | %     |
| Thallium   | 203-1 | 9.62     | 9.69     | 9.81     | 9.71       | 0.95    | ppb   |
| Thallium   | 205-1 | 9.80     | 9.68     | 9.75     | 9.74       | 0.60    | ppb   |
| Tin        | 118-1 | 0.90     | 0.92     | 0.95     | 0.93       | 2.83    | ppb   |
| Titanium   | 47-1  | 129.11   | 124.69   | 124.79   | 126.20     | 2.00    | ppb   |
| Uranium    | 238-1 | 0.34     | 0.32     | 0.33     | 0.33       | 3.55    | ppb   |
| Vanadium   | 51-2  | 252.48   | 258.92   | 256.07   | 255.82     | 1.26    | ppb   |
| Yttrium    | 89-1  |          |          |          | 107        |         | %     |
| Yttrium    | 89-2  |          |          |          | 100        |         | %     |
| Zinc       | 66-2  | 243.92   | 249.08   | 241.19   | 244.73     | 1.64    | ppb   |
| Zirconium  | 90-1  | 0.83     | 0.85     | 0.78     | 0.82       | 4.72    | ppb   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB94089             | Operator :        | Jaswal    |
| Lab Sample ID :         | J1989-13            | Instrumnet Name : | P8        |
| Client Sample ID :      | MJHRB0S             | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2018-03-22 16:25:43 | DataFile Name :   | 078SMPL.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|-----------|------|---------|---------|---------|------------|---------|-------|
| Zirconium | 91-1 | 0.93    | 0.76    | 0.87    | 0.85       | 10.41   | ppb   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB94089             | Operator :        | Jaswal    |
| Lab Sample ID :         | J1989-14            | Instrumnet Name : | P8        |
| Client Sample ID :      | MJHRB1              | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2018-03-22 16:29:01 | DataFile Name :   | 079SMPL.d |

| Parameter  | Mass  | ConRep1  | ConRep2  | ConRep3  | Avg. Conc. | ConcRSD | Units |
|------------|-------|----------|----------|----------|------------|---------|-------|
| Aluminium  | 27-2  | 44157.60 | 43783.66 | 45778.56 | 44573.27   | 2.38    | ppb   |
| Antimony   | 121-1 | 21.94    | 21.79    | 21.92    | 21.88      | 0.36    | ppb   |
| Arsenic    | 75-2  | 171.96   | 175.83   | 175.97   | 174.59     | 1.30    | ppb   |
| Barium     | 135-1 | 65.37    | 63.92    | 64.31    | 64.53      | 1.16    | ppb   |
| Barium     | 137-1 | 65.66    | 64.34    | 65.09    | 65.03      | 1.02    | ppb   |
| Beryllium  | 9-1   | 0.78     | 0.76     | 0.71     | 0.75       | 5.05    | ppb   |
| Bismuth    | 209-1 |          |          |          | 113        |         | %     |
| Bismuth    | 209-2 |          |          |          | 108        |         | %     |
| Boron      | 10-1  | 6.17     | 5.43     | 4.99     | 5.53       | 10.74   | ppb   |
| Boron      | 11-1  | 4.57     | 5.29     | 4.75     | 4.87       | 7.69    | ppb   |
| Cadmium    | 111-1 | 0.13     | 0.08     | 0.25     | 0.16       | 56.03   | ppb   |
| Cadmium    | 106-1 | -1.34    | -1.94    | 0.07     | -1.07      |         | ppb   |
| Cadmium    | 108-1 | 0.88     | 0.66     | 0.79     | 0.78       | 14.26   | ppb   |
| Calcium    | 43-1  | 6056.72  | 5971.50  | 5911.13  | 5979.78    | 1.22    | ppb   |
| Calcium    | 44-1  | 6162.98  | 6088.41  | 6034.88  | 6095.43    | 1.06    | ppb   |
| Chromium   | 52-2  | 61.34    | 62.30    | 63.86    | 62.50      | 2.03    | ppb   |
| Cobalt     | 59-2  | 29.22    | 29.05    | 30.50    | 29.59      | 2.69    | ppb   |
| Copper     | 63-2  | 328.99   | 333.95   | 348.30   | 337.08     | 2.98    | 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 |          |          |          | 111        |         | %     |
| Holmium    | 165-2 |          |          |          | 104        |         | %     |
| Indium     | 115-1 |          |          |          | 104        |         | %     |
| Indium     | 115-2 |          |          |          | 96         |         | %     |
| Iron       | 56-2  | 63952.40 | 64389.01 | 67162.36 | 65167.92   | 2.67    | ppb   |
| Iron       | 57-2  | 62536.90 | 63463.86 | 65879.58 | 63960.11   | 2.70    | ppb   |
| Lead       | 206-1 | 254.22   | 250.46   | 245.89   | 250.19     | 1.67    | ppb   |
| Lead       | 207-1 | 236.47   | 231.16   | 229.43   | 232.35     | 1.58    | ppb   |
| Lead       | 208-1 | 249.38   | 245.81   | 242.42   | 245.87     | 1.42    | ppb   |
| Lithium    | 6-1   |          |          |          | 106        |         | %     |
| Magnesium  | 24-2  | 7695.01  | 7794.12  | 8088.13  | 7859.09    | 2.60    | ppb   |
| Manganese  | 55-2  | 1203.64  | 1215.18  | 1248.55  | 1222.46    | 1.91    | ppb   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB94089             | Operator :        | Jaswal    |
| Lab Sample ID :         | J1989-14            | Instrumnet Name : | P8        |
| Client Sample ID :      | MJHRB1              | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2018-03-22 16:29:01 | DataFile Name :   | 079SMPL.d |

| Parameter  | Mass  | ConRep1  | ConRep2  | ConRep3  | Avg. Conc. | ConcRSD | Units |
|------------|-------|----------|----------|----------|------------|---------|-------|
| Molybdenum | 94-1  | 4.90     | 4.96     | 5.29     | 5.05       | 4.21    | ppb   |
| Molybdenum | 95-1  | 0.66     | 0.63     | 0.72     | 0.67       | 7.14    | ppb   |
| Molybdenum | 96-1  | 1.35     | 1.47     | 1.58     | 1.47       | 7.66    | ppb   |
| Molybdenum | 97-1  | 0.70     | 0.76     | 0.65     | 0.70       | 8.21    | ppb   |
| Molybdenum | 98-1  | 0.67     | 0.76     | 0.68     | 0.70       | 6.66    | ppb   |
| Neodymium  | 150-1 |          |          |          |            |         | cps   |
| Neodymium  | 150-2 |          |          |          |            |         | cps   |
| Nickel     | 60-2  | 29.00    | 28.67    | 29.61    | 29.09      | 1.64    | ppb   |
| Phosphorus | 31-2  | 2197.50  | 1913.46  | 1646.46  | 1919.14    | 14.36   | ppb   |
| Potassium  | 39-2  | 560.69   | 565.59   | 521.90   | 549.39     | 4.36    | ppb   |
| Rhodium    | 103-1 |          |          |          | 103        |         | %     |
| Rhodium    | 103-2 |          |          |          | 101        |         | %     |
| Scandium   | 45-1  |          |          |          | 103        |         | %     |
| Scandium   | 45-2  |          |          |          | 94         |         | %     |
| Selenium   | 77-2  | 98.07    | 51.96    | 102.06   | 84.03      | 33.14   | ppb   |
| Selenium   | 78-2  | 8.94     | 2.79     | 5.04     | 5.59       | 55.65   | ppb   |
| Selenium   | 82-1  | 0.46     | 0.65     | 0.22     | 0.44       | 48.38   | ppb   |
| Silicon    | 28-1  | 1599.00  | 1587.18  | 1602.58  | 1596.26    | 0.50    | ppb   |
| Silver     | 109-1 | 0.13     | 0.16     | 0.15     | 0.15       | 10.45   | ppb   |
| Silver     | 107-1 | 0.14     | 0.14     | 0.13     | 0.14       | 5.54    | ppb   |
| Sodium     | 23-2  | 425.73   | 409.61   | 434.60   | 423.31     | 2.99    | ppb   |
| Strontium  | 86-1  | 73.20    | 72.15    | 72.30    | 72.55      | 0.78    | ppb   |
| Strontium  | 88-1  | 72.97    | 73.10    | 72.85    | 72.97      | 0.17    | ppb   |
| Sulfur     | 34-1  | -7153.18 | -7195.77 | -7372.99 | -7240.65   |         | ppb   |
| Terbium    | 159-1 |          |          |          | 111        |         | %     |
| Terbium    | 159-2 |          |          |          | 104        |         | %     |
| Thallium   | 203-1 | 0.25     | 0.28     | 0.22     | 0.25       | 11.16   | ppb   |
| Thallium   | 205-1 | 0.26     | 0.27     | 0.26     | 0.26       | 1.78    | ppb   |
| Tin        | 118-1 | 8.98     | 8.94     | 8.96     | 8.96       | 0.24    | ppb   |
| Titanium   | 47-1  | 474.43   | 472.91   | 464.98   | 470.78     | 1.08    | ppb   |
| Uranium    | 238-1 | 0.28     | 0.29     | 0.28     | 0.28       | 2.19    | ppb   |
| Vanadium   | 51-2  | 130.67   | 128.97   | 135.03   | 131.55     | 2.38    | ppb   |
| Yttrium    | 89-1  |          |          |          | 109        |         | %     |
| Yttrium    | 89-2  |          |          |          | 101        |         | %     |
| Zinc       | 66-2  | 101.61   | 105.13   | 109.49   | 105.41     | 3.74    | ppb   |
| Zirconium  | 90-1  | 3.12     | 3.00     | 3.02     | 3.05       | 2.15    | ppb   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB94089             | Operator :        | Jaswal    |
| Lab Sample ID :         | J1989-14            | Instrumnet Name : | P8        |
| Client Sample ID :      | MJHRB1              | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2018-03-22 16:29:01 | DataFile Name :   | 079SMPL.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|-----------|------|---------|---------|---------|------------|---------|-------|
| Zirconium | 91-1 | 2.96    | 2.93    | 3.01    | 2.96       | 1.29    | ppb   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB94089             | Operator :        | Jaswal    |
| Lab Sample ID :         | J1989-15            | Instrumnet Name : | P8        |
| Client Sample ID :      | MJHRB2              | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2018-03-22 16:32:20 | DataFile Name :   | 080SMPL.d |

| Parameter  | Mass  | ConRep1  | ConRep2  | ConRep3  | Avg. Conc. | ConcRSD | Units |
|------------|-------|----------|----------|----------|------------|---------|-------|
| Aluminium  | 27-2  | 53990.59 | 52942.13 | 53474.41 | 53469.04   | 0.98    | ppb   |
| Antimony   | 121-1 | 10.24    | 10.27    | 9.92     | 10.14      | 1.92    | ppb   |
| Arsenic    | 75-2  | 126.39   | 120.26   | 123.38   | 123.34     | 2.48    | ppb   |
| Barium     | 135-1 | 69.67    | 71.10    | 67.71    | 69.49      | 2.45    | ppb   |
| Barium     | 137-1 | 69.80    | 71.79    | 68.32    | 69.97      | 2.49    | ppb   |
| Beryllium  | 9-1   | 0.76     | 0.68     | 0.55     | 0.66       | 16.37   | ppb   |
| Bismuth    | 209-1 |          |          |          | 115        |         | %     |
| Bismuth    | 209-2 |          |          |          | 110        |         | %     |
| Boron      | 10-1  | 10.71    | 11.18    | 11.63    | 11.17      | 4.12    | ppb   |
| Boron      | 11-1  | 10.32    | 11.16    | 9.56     | 10.35      | 7.77    | ppb   |
| Cadmium    | 111-1 | 0.11     | 0.09     | 0.07     | 0.09       | 22.65   | ppb   |
| Cadmium    | 106-1 | -1.94    | -2.22    | -2.19    | -2.11      |         | ppb   |
| Cadmium    | 108-1 | 0.71     | 0.89     | 0.86     | 0.82       | 12.19   | ppb   |
| Calcium    | 43-1  | 18117.59 | 17789.72 | 17753.28 | 17886.86   | 1.12    | ppb   |
| Calcium    | 44-1  | 18331.11 | 18226.70 | 17945.02 | 18167.61   | 1.10    | ppb   |
| Chromium   | 52-2  | 70.39    | 69.64    | 70.39    | 70.14      | 0.61    | ppb   |
| Cobalt     | 59-2  | 31.69    | 30.98    | 31.70    | 31.46      | 1.31    | ppb   |
| Copper     | 63-2  | 166.37   | 160.60   | 165.40   | 164.12     | 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 |          |          |          | 113        |         | %     |
| Holmium    | 165-2 |          |          |          | 106        |         | %     |
| Indium     | 115-1 |          |          |          | 104        |         | %     |
| Indium     | 115-2 |          |          |          | 96         |         | %     |
| Iron       | 56-2  | 59423.17 | 58153.70 | 59049.09 | 58875.32   | 1.11    | ppb   |
| Iron       | 57-2  | 58352.91 | 57233.25 | 58355.22 | 57980.46   | 1.12    | ppb   |
| Lead       | 206-1 | 17.86    | 17.95    | 18.24    | 18.01      | 1.10    | ppb   |
| Lead       | 207-1 | 16.28    | 16.50    | 16.45    | 16.41      | 0.69    | ppb   |
| Lead       | 208-1 | 17.11    | 17.30    | 17.20    | 17.20      | 0.56    | ppb   |
| Lithium    | 6-1   |          |          |          | 104        |         | %     |
| Magnesium  | 24-2  | 18045.29 | 17431.01 | 17628.89 | 17701.73   | 1.77    | ppb   |
| Manganese  | 55-2  | 805.64   | 792.44   | 805.22   | 801.10     | 0.94    | ppb   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB94089             | Operator :        | Jaswal    |
| Lab Sample ID :         | J1989-15            | Instrumnet Name : | P8        |
| Client Sample ID :      | MJHRB2              | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2018-03-22 16:32:20 | DataFile Name :   | 080SMPL.d |

| Parameter  | Mass  | ConRep1  | ConRep2  | ConRep3  | Avg. Conc. | ConcRSD | Units |
|------------|-------|----------|----------|----------|------------|---------|-------|
| Molybdenum | 94-1  | 1.95     | 1.93     | 1.95     | 1.94       | 0.53    | ppb   |
| Molybdenum | 95-1  | 0.35     | 0.38     | 0.40     | 0.38       | 6.53    | ppb   |
| Molybdenum | 96-1  | 0.71     | 0.69     | 0.72     | 0.70       | 2.64    | ppb   |
| Molybdenum | 97-1  | 0.46     | 0.44     | 0.38     | 0.43       | 9.24    | ppb   |
| Molybdenum | 98-1  | 0.36     | 0.35     | 0.40     | 0.37       | 6.28    | ppb   |
| Neodymium  | 150-1 |          |          |          |            |         | cps   |
| Neodymium  | 150-2 |          |          |          |            |         | cps   |
| Nickel     | 60-2  | 46.97    | 46.11    | 47.21    | 46.77      | 1.24    | ppb   |
| Phosphorus | 31-2  | 1717.53  | 1579.07  | 1378.25  | 1558.28    | 10.95   | ppb   |
| Potassium  | 39-2  | 927.08   | 863.16   | 928.15   | 906.13     | 4.11    | ppb   |
| Rhodium    | 103-1 |          |          |          | 103        |         | %     |
| Rhodium    | 103-2 |          |          |          | 101        |         | %     |
| Scandium   | 45-1  |          |          |          | 100        |         | %     |
| Scandium   | 45-2  |          |          |          | 91         |         | %     |
| Selenium   | 77-2  | 95.10    | 66.58    | 46.69    | 69.46      | 35.03   | ppb   |
| Selenium   | 78-2  | 10.42    | 8.18     | 8.33     | 8.97       | 13.96   | ppb   |
| Selenium   | 82-1  | 0.10     | -0.49    | 0.21     | -0.06      |         | ppb   |
| Silicon    | 28-1  | 1478.24  | 1493.60  | 1439.63  | 1470.49    | 1.89    | ppb   |
| Silver     | 109-1 | 0.05     | 0.06     | 0.08     | 0.07       | 23.31   | ppb   |
| Silver     | 107-1 | 0.08     | 0.06     | 0.07     | 0.07       | 13.97   | ppb   |
| Sodium     | 23-2  | 2134.30  | 2090.29  | 2144.79  | 2123.13    | 1.36    | ppb   |
| Strontium  | 86-1  | 179.58   | 182.94   | 179.13   | 180.55     | 1.15    | ppb   |
| Strontium  | 88-1  | 187.51   | 190.06   | 183.63   | 187.07     | 1.73    | ppb   |
| Sulfur     | 34-1  | -6681.41 | -6763.07 | -6994.71 | -6813.06   |         | ppb   |
| Terbium    | 159-1 |          |          |          | 111        |         | %     |
| Terbium    | 159-2 |          |          |          | 105        |         | %     |
| Thallium   | 203-1 | 0.11     | 0.13     | 0.15     | 0.13       | 14.31   | ppb   |
| Thallium   | 205-1 | 0.14     | 0.14     | 0.13     | 0.14       | 6.47    | ppb   |
| Tin        | 118-1 | 0.86     | 0.98     | 0.86     | 0.90       | 8.30    | ppb   |
| Titanium   | 47-1  | 224.44   | 224.79   | 220.97   | 223.40     | 0.95    | ppb   |
| Uranium    | 238-1 | 0.13     | 0.14     | 0.14     | 0.13       | 3.71    | ppb   |
| Vanadium   | 51-2  | 125.90   | 124.58   | 125.74   | 125.41     | 0.58    | ppb   |
| Yttrium    | 89-1  |          |          |          | 106        |         | %     |
| Yttrium    | 89-2  |          |          |          | 99         |         | %     |
| Zinc       | 66-2  | 100.55   | 100.94   | 103.20   | 101.56     | 1.41    | ppb   |
| Zirconium  | 90-1  | 1.28     | 1.10     | 1.06     | 1.15       | 10.30   | ppb   |



|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB94089             | Operator :        | Jaswal    |
| Lab Sample ID :         | J1989-15            | Instrumnet Name : | P8        |
| Client Sample ID :      | MJHRB2              | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2018-03-22 16:32:20 | DataFile Name :   | 080SMPL.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|-----------|------|---------|---------|---------|------------|---------|-------|
| Zirconium | 91-1 | 1.22    | 1.07    | 0.97    | 1.09       | 11.68   | ppb   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB94089             | Operator :        | Jaswal    |
| Lab Sample ID :         | J1989-16            | Instrumnet Name : | P8        |
| Client Sample ID :      | MJHRB3              | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2018-03-22 16:35:39 | DataFile Name :   | 081SMPL.d |

| Parameter  | Mass  | ConRep1  | ConRep2  | ConRep3  | Avg. Conc. | ConcRSD | Units |
|------------|-------|----------|----------|----------|------------|---------|-------|
| Aluminium  | 27-2  | 53166.80 | 52570.45 | 53863.54 | 53200.26   | 1.22    | ppb   |
| Antimony   | 121-1 | 15.31    | 15.92    | 15.18    | 15.47      | 2.56    | ppb   |
| Arsenic    | 75-2  | 156.40   | 154.85   | 159.10   | 156.78     | 1.37    | ppb   |
| Barium     | 135-1 | 55.53    | 57.32    | 55.28    | 56.04      | 1.98    | ppb   |
| Barium     | 137-1 | 56.77    | 57.83    | 55.41    | 56.67      | 2.15    | ppb   |
| Beryllium  | 9-1   | 0.61     | 0.58     | 0.66     | 0.62       | 6.00    | ppb   |
| Bismuth    | 209-1 |          |          |          | 114        |         | %     |
| Bismuth    | 209-2 |          |          |          | 109        |         | %     |
| Boron      | 10-1  | 10.91    | 6.72     | 8.94     | 8.86       | 23.69   | ppb   |
| Boron      | 11-1  | 8.99     | 9.00     | 8.61     | 8.87       | 2.51    | ppb   |
| Cadmium    | 111-1 | 0.12     | 0.03     | 0.12     | 0.09       | 58.96   | ppb   |
| Cadmium    | 106-1 | -1.27    | -2.57    | -2.27    | -2.03      |         | ppb   |
| Cadmium    | 108-1 | 0.83     | 0.72     | 0.62     | 0.72       | 14.69   | ppb   |
| Calcium    | 43-1  | 10573.73 | 10722.91 | 10468.94 | 10588.52   | 1.21    | ppb   |
| Calcium    | 44-1  | 10937.27 | 11008.56 | 10738.15 | 10894.66   | 1.29    | ppb   |
| Chromium   | 52-2  | 80.11    | 82.68    | 83.27    | 82.02      | 2.05    | ppb   |
| Cobalt     | 59-2  | 28.61    | 29.38    | 29.69    | 29.23      | 1.90    | ppb   |
| Copper     | 63-2  | 157.26   | 158.90   | 157.91   | 158.02     | 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 |          |          |          | 112        |         | %     |
| Holmium    | 165-2 |          |          |          | 104        |         | %     |
| Indium     | 115-1 |          |          |          | 104        |         | %     |
| Indium     | 115-2 |          |          |          | 95         |         | %     |
| Iron       | 56-2  | 60347.26 | 60723.77 | 61179.98 | 60750.34   | 0.69    | ppb   |
| Iron       | 57-2  | 59007.45 | 59622.69 | 59776.41 | 59468.85   | 0.68    | ppb   |
| Lead       | 206-1 | 38.24    | 39.36    | 37.94    | 38.51      | 1.94    | ppb   |
| Lead       | 207-1 | 35.06    | 36.38    | 34.81    | 35.42      | 2.38    | ppb   |
| Lead       | 208-1 | 36.80    | 37.81    | 36.39    | 37.00      | 1.97    | ppb   |
| Lithium    | 6-1   |          |          |          | 104        |         | %     |
| Magnesium  | 24-2  | 9804.89  | 9834.71  | 9998.24  | 9879.28    | 1.05    | ppb   |
| Manganese  | 55-2  | 873.66   | 887.30   | 878.59   | 879.85     | 0.79    | ppb   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB94089             | Operator :        | Jaswal    |
| Lab Sample ID :         | J1989-16            | Instrumnet Name : | P8        |
| Client Sample ID :      | MJHRB3              | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2018-03-22 16:35:39 | DataFile Name :   | 081SMPL.d |

| Parameter  | Mass  | ConRep1  | ConRep2  | ConRep3  | Avg. Conc. | ConcRSD | Units |
|------------|-------|----------|----------|----------|------------|---------|-------|
| Molybdenum | 94-1  | 1.96     | 2.51     | 2.66     | 2.38       | 15.47   | ppb   |
| Molybdenum | 95-1  | 0.38     | 0.38     | 0.43     | 0.39       | 8.23    | ppb   |
| Molybdenum | 96-1  | 0.83     | 0.77     | 0.80     | 0.80       | 4.14    | ppb   |
| Molybdenum | 97-1  | 0.38     | 0.43     | 0.43     | 0.41       | 6.63    | ppb   |
| Molybdenum | 98-1  | 0.35     | 0.46     | 0.38     | 0.40       | 14.87   | ppb   |
| Neodymium  | 150-1 |          |          |          |            |         | cps   |
| Neodymium  | 150-2 |          |          |          |            |         | cps   |
| Nickel     | 60-2  | 43.39    | 43.99    | 43.08    | 43.48      | 1.07    | ppb   |
| Phosphorus | 31-2  | 1263.58  | 1094.04  | 1075.39  | 1144.34    | 9.06    | ppb   |
| Potassium  | 39-2  | 674.36   | 666.45   | 726.84   | 689.21     | 4.76    | ppb   |
| Rhodium    | 103-1 |          |          |          | 103        |         | %     |
| Rhodium    | 103-2 |          |          |          | 101        |         | %     |
| Scandium   | 45-1  |          |          |          | 101        |         | %     |
| Scandium   | 45-2  |          |          |          | 92         |         | %     |
| Selenium   | 77-2  | 40.54    | 32.41    | 40.15    | 37.70      | 12.16   | ppb   |
| Selenium   | 78-2  | 4.11     | 9.32     | 9.53     | 7.65       | 40.11   | ppb   |
| Selenium   | 82-1  | -0.18    | 0.98     | 0.64     | 0.48       | 125.04  | ppb   |
| Silicon    | 28-1  | 1513.45  | 1465.70  | 1437.51  | 1472.22    | 2.61    | ppb   |
| Silver     | 109-1 | 0.08     | 0.09     | 0.08     | 0.08       | 5.68    | ppb   |
| Silver     | 107-1 | 0.07     | 0.08     | 0.08     | 0.08       | 4.89    | ppb   |
| Sodium     | 23-2  | 1123.19  | 1091.80  | 1104.81  | 1106.60    | 1.43    | ppb   |
| Strontium  | 86-1  | 120.62   | 124.85   | 121.47   | 122.31     | 1.83    | ppb   |
| Strontium  | 88-1  | 127.06   | 127.93   | 125.32   | 126.77     | 1.05    | ppb   |
| Sulfur     | 34-1  | -7190.92 | -7052.87 | -7228.40 | -7157.40   |         | ppb   |
| Terbium    | 159-1 |          |          |          | 111        |         | %     |
| Terbium    | 159-2 |          |          |          | 104        |         | %     |
| Thallium   | 203-1 | 0.17     | 0.18     | 0.15     | 0.17       | 8.37    | ppb   |
| Thallium   | 205-1 | 0.17     | 0.18     | 0.15     | 0.17       | 7.65    | ppb   |
| Tin        | 118-1 | 1.22     | 1.24     | 1.18     | 1.21       | 2.66    | ppb   |
| Titanium   | 47-1  | 167.83   | 165.35   | 162.89   | 165.36     | 1.49    | ppb   |
| Uranium    | 238-1 | 0.18     | 0.16     | 0.18     | 0.17       | 6.31    | ppb   |
| Vanadium   | 51-2  | 123.82   | 125.71   | 125.17   | 124.90     | 0.78    | ppb   |
| Yttrium    | 89-1  |          |          |          | 106        |         | %     |
| Yttrium    | 89-2  |          |          |          | 97         |         | %     |
| Zinc       | 66-2  | 97.23    | 97.30    | 95.61    | 96.71      | 0.99    | ppb   |
| Zirconium  | 90-1  | 1.24     | 1.26     | 1.25     | 1.25       | 0.70    | ppb   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB94089             | Operator :        | Jaswal    |
| Lab Sample ID :         | J1989-16            | Instrumnet Name : | P8        |
| Client Sample ID :      | MJHRB3              | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2018-03-22 16:35:39 | DataFile Name :   | 081SMPL.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|-----------|------|---------|---------|---------|------------|---------|-------|
| Zirconium | 91-1 | 1.32    | 1.40    | 1.35    | 1.36       | 2.64    | ppb   |

|                         |                     |                   |          |
|-------------------------|---------------------|-------------------|----------|
| LB Number :             | LB94089             | Operator :        | Jaswal   |
| Lab Sample ID :         | J1989-17            | Instrumnet Name : | P8       |
| Client Sample ID :      | MJHRB4              | Dilution Factor : | 1        |
| Date & Time Acquired :: | 2018-03-22 16:41:32 | DataFile Name :   | 082CCV.d |

| Parameter  | Mass  | ConRep1  | ConRep2  | ConRep3  | Avg. Conc. | ConcRSD | Units |
|------------|-------|----------|----------|----------|------------|---------|-------|
| Aluminium  | 27-2  | 43413.15 | 42562.36 | 41989.54 | 42655.01   | 1.68    | ppb   |
| Antimony   | 121-1 | 12.14    | 11.90    | 11.96    | 12.00      | 1.03    | ppb   |
| Arsenic    | 75-2  | 117.52   | 115.21   | 117.70   | 116.81     | 1.19    | ppb   |
| Barium     | 135-1 | 94.19    | 93.74    | 92.84    | 93.59      | 0.74    | ppb   |
| Barium     | 137-1 | 93.92    | 93.89    | 94.31    | 94.04      | 0.25    | ppb   |
| Beryllium  | 9-1   | 0.70     | 0.65     | 0.66     | 0.67       | 4.42    | ppb   |
| Bismuth    | 209-1 |          |          |          | 115        |         | %     |
| Bismuth    | 209-2 |          |          |          | 109        |         | %     |
| Boron      | 10-1  | 10.99    | 9.40     | 9.90     | 10.09      | 8.06    | ppb   |
| Boron      | 11-1  | 10.87    | 10.19    | 10.06    | 10.37      | 4.22    | ppb   |
| Cadmium    | 111-1 | 0.14     | 0.09     | 0.02     | 0.08       | 70.05   | ppb   |
| Cadmium    | 106-1 | -0.96    | -1.91    | -2.86    | -1.91      |         | ppb   |
| Cadmium    | 108-1 | 0.41     | 0.40     | 0.45     | 0.42       | 5.96    | ppb   |
| Calcium    | 43-1  | 11348.53 | 10961.70 | 10942.48 | 11084.24   | 2.07    | ppb   |
| Calcium    | 44-1  | 11478.81 | 11075.29 | 11131.07 | 11228.39   | 1.95    | ppb   |
| Chromium   | 52-2  | 75.39    | 75.73    | 73.38    | 74.83      | 1.70    | ppb   |
| Cobalt     | 59-2  | 31.64    | 31.93    | 30.91    | 31.49      | 1.66    | ppb   |
| Copper     | 63-2  | 172.69   | 174.94   | 172.38   | 173.34     | 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 |          |          |          | 112        |         | %     |
| Holmium    | 165-2 |          |          |          | 104        |         | %     |
| Indium     | 115-1 |          |          |          | 104        |         | %     |
| Indium     | 115-2 |          |          |          | 95         |         | %     |
| Iron       | 56-2  | 66934.74 | 67202.90 | 66238.70 | 66792.11   | 0.75    | ppb   |
| Iron       | 57-2  | 65586.90 | 65813.79 | 64758.67 | 65386.45   | 0.85    | ppb   |
| Lead       | 206-1 | 34.03    | 32.57    | 33.00    | 33.20      | 2.27    | ppb   |
| Lead       | 207-1 | 31.15    | 30.75    | 30.52    | 30.80      | 1.05    | ppb   |
| Lead       | 208-1 | 32.76    | 31.94    | 31.92    | 32.20      | 1.49    | ppb   |
| Lithium    | 6-1   |          |          |          | 104        |         | %     |
| Magnesium  | 24-2  | 9737.15  | 9817.72  | 9676.33  | 9743.73    | 0.73    | ppb   |
| Manganese  | 55-2  | 1153.51  | 1135.60  | 1121.58  | 1136.90    | 1.41    | ppb   |

|                         |                     |                   |          |
|-------------------------|---------------------|-------------------|----------|
| LB Number :             | LB94089             | Operator :        | Jaswal   |
| Lab Sample ID :         | J1989-17            | Instrumnet Name : | P8       |
| Client Sample ID :      | MJHRB4              | Dilution Factor : | 1        |
| Date & Time Acquired :: | 2018-03-22 16:41:32 | DataFile Name :   | 082CCV.d |

| Parameter  | Mass  | ConRep1  | ConRep2  | ConRep3  | Avg. Conc. | ConcRSD | Units |
|------------|-------|----------|----------|----------|------------|---------|-------|
| Molybdenum | 94-1  | 2.03     | 1.94     | 1.95     | 1.97       | 2.37    | ppb   |
| Molybdenum | 95-1  | 0.39     | 0.39     | 0.45     | 0.41       | 9.43    | ppb   |
| Molybdenum | 96-1  | 0.84     | 0.78     | 0.73     | 0.78       | 7.40    | ppb   |
| Molybdenum | 97-1  | 0.41     | 0.48     | 0.45     | 0.45       | 7.91    | ppb   |
| Molybdenum | 98-1  | 0.41     | 0.43     | 0.43     | 0.43       | 2.85    | ppb   |
| Neodymium  | 150-1 |          |          |          |            |         | cps   |
| Neodymium  | 150-2 |          |          |          |            |         | cps   |
| Nickel     | 60-2  | 46.65    | 46.22    | 46.66    | 46.51      | 0.55    | ppb   |
| Phosphorus | 31-2  | 1299.09  | 1440.28  | 1144.65  | 1294.67    | 11.42   | ppb   |
| Potassium  | 39-2  | 782.78   | 777.87   | 808.96   | 789.87     | 2.12    | ppb   |
| Rhodium    | 103-1 |          |          |          | 103        |         | %     |
| Rhodium    | 103-2 |          |          |          | 101        |         | %     |
| Scandium   | 45-1  |          |          |          | 100        |         | %     |
| Scandium   | 45-2  |          |          |          | 91         |         | %     |
| Selenium   | 77-2  | 46.25    | 11.72    | 12.06    | 23.34      | 84.97   | ppb   |
| Selenium   | 78-2  | 8.24     | 4.00     | 10.78    | 7.68       | 44.62   | ppb   |
| Selenium   | 82-1  | 0.38     | 0.70     | 0.70     | 0.59       | 31.07   | ppb   |
| Silicon    | 28-1  | 1801.03  | 1738.50  | 1716.92  | 1752.15    | 2.49    | ppb   |
| Silver     | 109-1 | 0.04     | 0.07     | 0.09     | 0.07       | 34.10   | ppb   |
| Silver     | 107-1 | 0.06     | 0.07     | 0.09     | 0.08       | 18.84   | ppb   |
| Sodium     | 23-2  | 1155.74  | 1161.17  | 1151.68  | 1156.19    | 0.41    | ppb   |
| Strontium  | 86-1  | 126.56   | 122.60   | 123.97   | 124.38     | 1.61    | ppb   |
| Strontium  | 88-1  | 132.03   | 129.80   | 128.81   | 130.21     | 1.26    | ppb   |
| Sulfur     | 34-1  | -6089.99 | -6369.42 | -6416.45 | -6291.95   |         | ppb   |
| Terbium    | 159-1 |          |          |          | 111        |         | %     |
| Terbium    | 159-2 |          |          |          | 105        |         | %     |
| Thallium   | 203-1 | 0.17     | 0.17     | 0.19     | 0.18       | 5.86    | ppb   |
| Thallium   | 205-1 | 0.18     | 0.18     | 0.17     | 0.18       | 4.82    | ppb   |
| Tin        | 118-1 | 1.16     | 1.15     | 1.14     | 1.15       | 0.81    | ppb   |
| Titanium   | 47-1  | 159.47   | 154.78   | 155.95   | 156.74     | 1.56    | ppb   |
| Uranium    | 238-1 | 0.17     | 0.14     | 0.14     | 0.15       | 12.37   | ppb   |
| Vanadium   | 51-2  | 133.09   | 132.89   | 130.10   | 132.03     | 1.26    | ppb   |
| Yttrium    | 89-1  |          |          |          | 106        |         | %     |
| Yttrium    | 89-2  |          |          |          | 97         |         | %     |
| Zinc       | 66-2  | 126.81   | 127.24   | 123.07   | 125.71     | 1.83    | ppb   |
| Zirconium  | 90-1  | 1.06     | 1.04     | 1.12     | 1.07       | 3.68    | ppb   |

|                         |                     |                   |          |
|-------------------------|---------------------|-------------------|----------|
| LB Number :             | LB94089             | Operator :        | Jaswal   |
| Lab Sample ID :         | J1989-17            | Instrumnet Name : | P8       |
| Client Sample ID :      | MJHRB4              | Dilution Factor : | 1        |
| Date & Time Acquired :: | 2018-03-22 16:41:32 | DataFile Name :   | 082CCV.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|-----------|------|---------|---------|---------|------------|---------|-------|
| Zirconium | 91-1 | 1.06    | 1.00    | 1.17    | 1.08       | 7.93    | ppb   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB94089             | Operator :        | Jaswal    |
| Lab Sample ID :         | J1989-18            | Instrumnet Name : | P8        |
| Client Sample ID :      | MJHRB5              | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2018-03-22 16:48:26 | DataFile Name :   | 084CCBE.d |

| Parameter  | Mass  | ConRep1  | ConRep2  | ConRep3  | Avg. Conc. | ConcRSD | Units |
|------------|-------|----------|----------|----------|------------|---------|-------|
| Aluminium  | 27-2  | 46858.26 | 48605.00 | 46298.62 | 47253.96   | 2.55    | ppb   |
| Antimony   | 121-1 | 10.21    | 10.38    | 11.01    | 10.53      | 4.04    | ppb   |
| Arsenic    | 75-2  | 119.87   | 122.58   | 117.26   | 119.90     | 2.22    | ppb   |
| Barium     | 135-1 | 211.85   | 215.12   | 218.83   | 215.27     | 1.62    | ppb   |
| Barium     | 137-1 | 214.95   | 219.85   | 222.02   | 218.94     | 1.65    | ppb   |
| Beryllium  | 9-1   | 1.79     | 1.68     | 1.68     | 1.71       | 3.65    | ppb   |
| Bismuth    | 209-1 |          |          |          | 116        |         | %     |
| Bismuth    | 209-2 |          |          |          | 108        |         | %     |
| Boron      | 10-1  | 15.04    | 15.20    | 15.33    | 15.19      | 0.92    | ppb   |
| Boron      | 11-1  | 16.74    | 14.95    | 13.75    | 15.15      | 9.91    | ppb   |
| Cadmium    | 111-1 | 0.33     | 0.23     | 0.20     | 0.25       | 26.16   | ppb   |
| Cadmium    | 106-1 | -0.19    | -1.00    | -1.39    | -0.86      |         | ppb   |
| Cadmium    | 108-1 | 1.01     | 0.61     | 0.71     | 0.78       | 26.32   | ppb   |
| Calcium    | 43-1  | 9983.25  | 10277.67 | 10552.84 | 10271.25   | 2.77    | ppb   |
| Calcium    | 44-1  | 10351.73 | 10248.27 | 10882.28 | 10494.09   | 3.24    | ppb   |
| Chromium   | 52-2  | 84.16    | 88.22    | 83.83    | 85.40      | 2.87    | ppb   |
| Cobalt     | 59-2  | 55.17    | 57.48    | 54.66    | 55.77      | 2.69    | ppb   |
| Copper     | 63-2  | 195.73   | 200.77   | 191.56   | 196.02     | 2.35    | 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 |          |          |          | 114        |         | %     |
| Holmium    | 165-2 |          |          |          | 105        |         | %     |
| Indium     | 115-1 |          |          |          | 105        |         | %     |
| Indium     | 115-2 |          |          |          | 96         |         | %     |
| Iron       | 56-2  | 77790.14 | 79868.75 | 76151.18 | 77936.69   | 2.39    | ppb   |
| Iron       | 57-2  | 76910.88 | 79007.29 | 74902.63 | 76940.27   | 2.67    | ppb   |
| Lead       | 206-1 | 19.52    | 19.19    | 20.10    | 19.60      | 2.36    | ppb   |
| Lead       | 207-1 | 17.83    | 18.06    | 18.81    | 18.23      | 2.81    | ppb   |
| Lead       | 208-1 | 18.67    | 18.86    | 19.44    | 18.99      | 2.12    | ppb   |
| Lithium    | 6-1   |          |          |          | 101        |         | %     |
| Magnesium  | 24-2  | 10021.36 | 10244.79 | 9751.47  | 10005.88   | 2.47    | ppb   |
| Manganese  | 55-2  | 2803.88  | 2877.09  | 2722.16  | 2801.04    | 2.77    | ppb   |



|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB94089             | Operator :        | Jaswal    |
| Lab Sample ID :         | J1989-18            | Instrumnet Name : | P8        |
| Client Sample ID :      | MJHRB5              | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2018-03-22 16:48:26 | DataFile Name :   | 084CCBE.d |

| Parameter  | Mass  | ConRep1  | ConRep2  | ConRep3  | Avg. Conc. | ConcRSD | Units |
|------------|-------|----------|----------|----------|------------|---------|-------|
| Molybdenum | 94-1  | 2.78     | 2.89     | 3.36     | 3.01       | 10.34   | ppb   |
| Molybdenum | 95-1  | 1.61     | 1.91     | 2.26     | 1.93       | 16.99   | ppb   |
| Molybdenum | 96-1  | 1.89     | 2.07     | 2.52     | 2.16       | 15.18   | ppb   |
| Molybdenum | 97-1  | 1.56     | 1.84     | 2.22     | 1.87       | 17.63   | ppb   |
| Molybdenum | 98-1  | 1.61     | 1.83     | 2.28     | 1.91       | 17.90   | ppb   |
| Neodymium  | 150-1 |          |          |          |            |         | cps   |
| Neodymium  | 150-2 |          |          |          |            |         | cps   |
| Nickel     | 60-2  | 52.68    | 52.26    | 50.16    | 51.70      | 2.61    | ppb   |
| Phosphorus | 31-2  | 1200.38  | 1121.59  | 1377.37  | 1233.11    | 10.62   | ppb   |
| Potassium  | 39-2  | 1172.75  | 1210.83  | 1182.22  | 1188.60    | 1.67    | ppb   |
| Rhodium    | 103-1 |          |          |          | 104        |         | %     |
| Rhodium    | 103-2 |          |          |          | 102        |         | %     |
| Scandium   | 45-1  |          |          |          | 101        |         | %     |
| Scandium   | 45-2  |          |          |          | 92         |         | %     |
| Selenium   | 77-2  | 118.70   | 134.81   | 77.27    | 110.26     | 26.92   | ppb   |
| Selenium   | 78-2  | 14.18    | 11.30    | 8.84     | 11.44      | 23.34   | ppb   |
| Selenium   | 82-1  | 0.42     | 0.23     | 1.37     | 0.67       | 90.07   | ppb   |
| Silicon    | 28-1  | 1999.12  | 2042.78  | 2114.25  | 2052.05    | 2.83    | ppb   |
| Silver     | 109-1 | 0.13     | 0.14     | 0.13     | 0.13       | 4.51    | ppb   |
| Silver     | 107-1 | 0.11     | 0.13     | 0.14     | 0.13       | 13.26   | ppb   |
| Sodium     | 23-2  | 610.51   | 622.97   | 594.50   | 609.33     | 2.34    | ppb   |
| Strontium  | 86-1  | 115.91   | 115.85   | 121.99   | 117.91     | 2.99    | ppb   |
| Strontium  | 88-1  | 119.62   | 120.53   | 124.98   | 121.71     | 2.36    | ppb   |
| Sulfur     | 34-1  | -4325.67 | -4645.88 | -4388.02 | -4453.19   |         | ppb   |
| Terbium    | 159-1 |          |          |          | 113        |         | %     |
| Terbium    | 159-2 |          |          |          | 104        |         | %     |
| Thallium   | 203-1 | 0.72     | 0.66     | 0.63     | 0.67       | 6.97    | ppb   |
| Thallium   | 205-1 | 0.74     | 0.70     | 0.63     | 0.69       | 8.44    | ppb   |
| Tin        | 118-1 | 3.71     | 3.90     | 4.17     | 3.93       | 5.95    | ppb   |
| Titanium   | 47-1  | 134.98   | 117.60   | 128.14   | 126.91     | 6.90    | ppb   |
| Uranium    | 238-1 | 0.29     | 0.30     | 0.31     | 0.30       | 3.66    | ppb   |
| Vanadium   | 51-2  | 173.06   | 176.01   | 165.41   | 171.49     | 3.19    | ppb   |
| Yttrium    | 89-1  |          |          |          | 110        |         | %     |
| Yttrium    | 89-2  |          |          |          | 102        |         | %     |
| Zinc       | 66-2  | 145.28   | 146.95   | 139.16   | 143.79     | 2.85    | ppb   |
| Zirconium  | 90-1  | 1.00     | 1.07     | 1.12     | 1.06       | 5.38    | ppb   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB94089             | Operator :        | Jaswal    |
| Lab Sample ID :         | J1989-18            | Instrumnet Name : | P8        |
| Client Sample ID :      | MJHRB5              | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2018-03-22 16:48:26 | DataFile Name :   | 084CCBE.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|-----------|------|---------|---------|---------|------------|---------|-------|
| Zirconium | 91-1 | 1.13    | 1.16    | 1.22    | 1.17       | 3.84    | ppb   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB94089             | Operator :        | Jaswal    |
| Lab Sample ID :         | J1838-03A           | Instrumnet Name : | P8        |
| Client Sample ID :      | MET2N1A             | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2018-03-22 16:56:09 | DataFile Name :   | 086SMPL.d |

| Parameter  | Mass  | ConRep1   | ConRep2   | ConRep3   | Avg. Conc. | ConcRSD | Units |
|------------|-------|-----------|-----------|-----------|------------|---------|-------|
| Aluminium  | 27-2  | 12875.61  | 12288.60  | 12897.51  | 12687.24   | 2.72    | ppb   |
| Antimony   | 121-1 | 11.78     | 12.31     | 12.33     | 12.14      | 2.55    | ppb   |
| Arsenic    | 75-2  | 68.44     | 63.12     | 67.99     | 66.52      | 4.44    | ppb   |
| Barium     | 135-1 | 304.44    | 304.49    | 301.22    | 303.38     | 0.62    | ppb   |
| Barium     | 137-1 | 306.84    | 307.14    | 305.28    | 306.42     | 0.33    | ppb   |
| Beryllium  | 9-1   | 1.15      | 1.26      | 1.09      | 1.17       | 7.15    | ppb   |
| Bismuth    | 209-1 |           |           |           | 114        |         | %     |
| Bismuth    | 209-2 |           |           |           | 108        |         | %     |
| Boron      | 10-1  | 13.31     | 14.17     | 11.45     | 12.98      | 10.71   | ppb   |
| Boron      | 11-1  | 13.16     | 14.71     | 14.64     | 14.17      | 6.20    | ppb   |
| Cadmium    | 111-1 | 2.61      | 2.71      | 2.81      | 2.71       | 3.60    | ppb   |
| Cadmium    | 106-1 | 1.36      | 1.38      | 1.59      | 1.44       | 8.91    | ppb   |
| Cadmium    | 108-1 | 3.05      | 2.86      | 3.11      | 3.00       | 4.35    | ppb   |
| Calcium    | 43-1  | 176936.04 | 181381.51 | 172643.29 | 176986.95  | 2.47    | ppb   |
| Calcium    | 44-1  | 174598.61 | 179737.60 | 172795.00 | 175710.41  | 2.05    | ppb   |
| Chromium   | 52-2  | 40.19     | 39.44     | 40.64     | 40.09      | 1.52    | ppb   |
| Cobalt     | 59-2  | 18.88     | 18.40     | 18.92     | 18.73      | 1.54    | ppb   |
| Copper     | 63-2  | 113.61    | 111.12    | 113.83    | 112.85     | 1.33    | 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 |           |           |           | 113        |         | %     |
| Holmium    | 165-2 |           |           |           | 105        |         | %     |
| Indium     | 115-1 |           |           |           | 103        |         | %     |
| Indium     | 115-2 |           |           |           | 94         |         | %     |
| Iron       | 56-2  | 41436.35  | 40206.13  | 41196.48  | 40946.32   | 1.59    | ppb   |
| Iron       | 57-2  | 40541.51  | 39601.04  | 40550.24  | 40230.93   | 1.36    | ppb   |
| Lead       | 206-1 | 1141.40   | 1165.16   | 1136.19   | 1147.58    | 1.35    | ppb   |
| Lead       | 207-1 | 1059.22   | 1087.25   | 1044.90   | 1063.79    | 2.03    | ppb   |
| Lead       | 208-1 | 1090.57   | 1125.33   | 1087.05   | 1100.99    | 1.92    | ppb   |
| Lithium    | 6-1   |           |           |           | 99         |         | %     |
| Magnesium  | 24-2  | 59178.69  | 56596.64  | 59258.33  | 58344.56   | 2.60    | ppb   |
| Manganese  | 55-2  | 1062.33   | 1035.28   | 1053.09   | 1050.24    | 1.31    | ppb   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB94089             | Operator :        | Jaswal    |
| Lab Sample ID :         | J1838-03A           | Instrumnet Name : | P8        |
| Client Sample ID :      | MET2N1A             | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2018-03-22 16:56:09 | DataFile Name :   | 086SMPL.d |

| Parameter  | Mass  | ConRep1  | ConRep2  | ConRep3  | Avg. Conc. | ConcRSD | Units |
|------------|-------|----------|----------|----------|------------|---------|-------|
| Molybdenum | 94-1  | 7.59     | 7.45     | 7.09     | 7.38       | 3.47    | ppb   |
| Molybdenum | 95-1  | 5.96     | 6.36     | 6.31     | 6.21       | 3.54    | ppb   |
| Molybdenum | 96-1  | 6.75     | 6.71     | 6.94     | 6.80       | 1.83    | ppb   |
| Molybdenum | 97-1  | 6.35     | 6.48     | 6.39     | 6.41       | 1.03    | ppb   |
| Molybdenum | 98-1  | 6.47     | 6.42     | 6.57     | 6.49       | 1.19    | ppb   |
| Neodymium  | 150-1 |          |          |          |            |         | cps   |
| Neodymium  | 150-2 |          |          |          |            |         | cps   |
| Nickel     | 60-2  | 64.97    | 61.41    | 64.72    | 63.70      | 3.12    | ppb   |
| Phosphorus | 31-2  | 1776.65  | 1759.95  | 2571.85  | 2036.15    | 22.79   | ppb   |
| Potassium  | 39-2  | 1411.97  | 1370.81  | 1382.92  | 1388.57    | 1.52    | ppb   |
| Rhodium    | 103-1 |          |          |          | 101        |         | %     |
| Rhodium    | 103-2 |          |          |          | 100        |         | %     |
| Scandium   | 45-1  |          |          |          | 97         |         | %     |
| Scandium   | 45-2  |          |          |          | 86         |         | %     |
| Selenium   | 77-2  | 68.06    | 24.89    | 53.85    | 48.93      | 44.96   | ppb   |
| Selenium   | 78-2  | 4.03     | 5.94     | 13.78    | 7.92       | 65.21   | ppb   |
| Selenium   | 82-1  | 1.07     | 2.14     | 1.00     | 1.40       | 45.66   | ppb   |
| Silicon    | 28-1  | 2499.38  | 2547.22  | 2438.54  | 2495.05    | 2.18    | ppb   |
| Silver     | 109-1 | 0.43     | 0.38     | 0.38     | 0.40       | 8.16    | ppb   |
| Silver     | 107-1 | 0.42     | 0.42     | 0.42     | 0.42       | 0.97    | ppb   |
| Sodium     | 23-2  | 209.01   | 202.74   | 218.44   | 210.07     | 3.76    | ppb   |
| Strontium  | 86-1  | 139.18   | 140.42   | 137.61   | 139.07     | 1.01    | ppb   |
| Strontium  | 88-1  | 144.06   | 145.69   | 145.98   | 145.24     | 0.71    | ppb   |
| Sulfur     | 34-1  | -1454.16 | -1213.17 | -1788.15 | -1485.16   |         | ppb   |
| Terbium    | 159-1 |          |          |          | 112        |         | %     |
| Terbium    | 159-2 |          |          |          | 106        |         | %     |
| Thallium   | 203-1 | 0.78     | 0.82     | 0.88     | 0.83       | 6.38    | ppb   |
| Thallium   | 205-1 | 0.86     | 0.83     | 0.83     | 0.84       | 2.12    | ppb   |
| Tin        | 118-1 | 27.87    | 28.16    | 27.79    | 27.94      | 0.71    | ppb   |
| Titanium   | 47-1  | 138.90   | 142.62   | 138.35   | 139.96     | 1.66    | ppb   |
| Uranium    | 238-1 | 1.92     | 1.98     | 1.90     | 1.93       | 2.10    | ppb   |
| Vanadium   | 51-2  | 43.80    | 43.01    | 44.01    | 43.61      | 1.20    | ppb   |
| Yttrium    | 89-1  |          |          |          | 107        |         | %     |
| Yttrium    | 89-2  |          |          |          | 99         |         | %     |
| Zinc       | 66-2  | 778.65   | 757.33   | 788.35   | 774.78     | 2.05    | ppb   |
| Zirconium  | 90-1  | 1.92     | 1.95     | 1.91     | 1.93       | 1.09    | ppb   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB94089             | Operator :        | Jaswal    |
| Lab Sample ID :         | J1838-03A           | Instrumnet Name : | P8        |
| Client Sample ID :      | MET2N1A             | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2018-03-22 16:56:09 | DataFile Name :   | 086SMPL.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|-----------|------|---------|---------|---------|------------|---------|-------|
| Zirconium | 91-1 | 2.00    | 1.95    | 1.96    | 1.97       | 1.27    | ppb   |

|                         |                     |                   |          |
|-------------------------|---------------------|-------------------|----------|
| LB Number :             | LB94089             | Operator :        | Jaswal   |
| Lab Sample ID :         | CCV010              | Instrumnet Name : | P8       |
| Client Sample ID :      | CCV010              | Dilution Factor : | 1        |
| Date & Time Acquired :: | 2018-03-22 17:02:04 | DataFile Name :   | 087CCV.d |

| Parameter  | Mass  | ConRep1   | ConRep2   | ConRep3   | Avg. Conc. | ConcRSD | Units |
|------------|-------|-----------|-----------|-----------|------------|---------|-------|
| Aluminium  | 27-2  | 52772.47  | 49230.92  | 49406.37  | 50469.92   | 3.95    | ppb   |
| Antimony   | 121-1 | 535.44    | 507.19    | 500.23    | 514.29     | 3.63    | ppb   |
| Arsenic    | 75-2  | 514.93    | 500.92    | 495.44    | 503.76     | 1.99    | ppb   |
| Barium     | 135-1 | 2680.46   | 2549.18   | 2571.72   | 2600.45    | 2.70    | ppb   |
| Barium     | 137-1 | 2708.55   | 2549.34   | 2550.36   | 2602.75    | 3.52    | ppb   |
| Beryllium  | 9-1   | 541.02    | 511.40    | 511.08    | 521.17     | 3.30    | ppb   |
| Bismuth    | 209-1 |           |           |           | 109        |         | %     |
| Bismuth    | 209-2 |           |           |           | 99         |         | %     |
| Boron      | 10-1  | 519.13    | 499.24    | 512.12    | 510.16     | 1.98    | ppb   |
| Boron      | 11-1  | 516.61    | 510.15    | 510.62    | 512.46     | 0.70    | ppb   |
| Cadmium    | 111-1 | 515.40    | 491.53    | 487.23    | 498.06     | 3.05    | ppb   |
| Cadmium    | 106-1 | 524.47    | 494.91    | 486.87    | 502.09     | 3.94    | ppb   |
| Cadmium    | 108-1 | 517.49    | 497.94    | 491.40    | 502.27     | 2.70    | ppb   |
| Calcium    | 43-1  | 262639.34 | 250474.95 | 252378.64 | 255164.31  | 2.56    | ppb   |
| Calcium    | 44-1  | 261811.01 | 251007.99 | 249922.20 | 254247.06  | 2.59    | ppb   |
| Chromium   | 52-2  | 557.66    | 528.21    | 523.49    | 536.45     | 3.45    | ppb   |
| Cobalt     | 59-2  | 548.15    | 523.13    | 515.91    | 529.06     | 3.20    | ppb   |
| Copper     | 63-2  | 1077.81   | 1032.79   | 1007.97   | 1039.52    | 3.41    | ppb   |
| Dysprosium | 156-1 |           |           |           |            |         | cps   |
| Dysprosium | 156-2 |           |           |           |            |         | cps   |
| Erbium     | 164-1 |           |           |           |            |         | cps   |
| Erbium     | 164-2 |           |           |           |            |         | cps   |
| Gadolinium | 160-1 |           |           |           |            |         | cps   |
| Gadolinium | 160-2 |           |           |           |            |         | cps   |
| Holmium    | 165-1 |           |           |           | 109        |         | %     |
| Holmium    | 165-2 |           |           |           | 103        |         | %     |
| Indium     | 115-1 |           |           |           | 97         |         | %     |
| Indium     | 115-2 |           |           |           | 90         |         | %     |
| Iron       | 56-2  | 135539.17 | 128598.27 | 126463.15 | 130200.19  | 3.64    | ppb   |
| Iron       | 57-2  | 133264.85 | 126602.01 | 125191.37 | 128352.74  | 3.36    | ppb   |
| Lead       | 206-1 | 552.16    | 520.56    | 519.74    | 530.82     | 3.48    | ppb   |
| Lead       | 207-1 | 551.55    | 526.06    | 520.30    | 532.64     | 3.12    | ppb   |
| Lead       | 208-1 | 551.35    | 524.47    | 521.11    | 532.31     | 3.11    | ppb   |
| Lithium    | 6-1   |           |           |           | 94         |         | %     |
| Magnesium  | 24-2  | 264964.16 | 253394.43 | 249902.89 | 256087.16  | 3.08    | ppb   |
| Manganese  | 55-2  | 1087.98   | 1032.40   | 1023.21   | 1047.86    | 3.34    | ppb   |

|                         |                     |                   |          |
|-------------------------|---------------------|-------------------|----------|
| LB Number :             | LB94089             | Operator :        | Jaswal   |
| Lab Sample ID :         | CCV010              | Instrumnet Name : | P8       |
| Client Sample ID :      | CCV010              | Dilution Factor : | 1        |
| Date & Time Acquired :: | 2018-03-22 17:02:04 | DataFile Name :   | 087CCV.d |

| Parameter  | Mass  | ConRep1   | ConRep2   | ConRep3   | Avg. Conc. | ConcRSD | Units |
|------------|-------|-----------|-----------|-----------|------------|---------|-------|
| Molybdenum | 94-1  | 2766.23   | 2624.83   | 2596.80   | 2662.62    | 3.41    | ppb   |
| Molybdenum | 95-1  | 2737.32   | 2632.03   | 2580.25   | 2649.87    | 3.02    | ppb   |
| Molybdenum | 96-1  | 2745.86   | 2616.72   | 2558.83   | 2640.47    | 3.63    | ppb   |
| Molybdenum | 97-1  | 2786.19   | 2661.66   | 2596.50   | 2681.45    | 3.59    | ppb   |
| Molybdenum | 98-1  | 2758.65   | 2644.38   | 2565.98   | 2656.34    | 3.65    | ppb   |
| Neodymium  | 150-1 |           |           |           |            |         | cps   |
| Neodymium  | 150-2 |           |           |           |            |         | cps   |
| Nickel     | 60-2  | 555.59    | 532.05    | 523.57    | 537.07     | 3.09    | ppb   |
| Phosphorus | 31-2  | 11800.14  | 9780.08   | 9280.83   | 10287.02   | 12.97   | ppb   |
| Potassium  | 39-2  | 129570.09 | 123186.70 | 122291.82 | 125016.20  | 3.17    | ppb   |
| Rhodium    | 103-1 |           |           |           | 93         |         | %     |
| Rhodium    | 103-2 |           |           |           | 94         |         | %     |
| Scandium   | 45-1  |           |           |           | 92         |         | %     |
| Scandium   | 45-2  |           |           |           | 84         |         | %     |
| Selenium   | 77-2  | 518.83    | 551.23    | 412.92    | 494.32     | 14.63   | ppb   |
| Selenium   | 78-2  | 478.25    | 477.16    | 544.01    | 499.81     | 7.66    | ppb   |
| Selenium   | 82-1  | 527.60    | 509.16    | 497.03    | 511.27     | 3.01    | ppb   |
| Silicon    | 28-1  | 548.32    | 512.69    | 507.68    | 522.90     | 4.24    | ppb   |
| Silver     | 109-1 | 529.05    | 504.36    | 494.73    | 509.38     | 3.48    | ppb   |
| Silver     | 107-1 | 533.20    | 502.63    | 500.15    | 511.99     | 3.59    | ppb   |
| Sodium     | 23-2  | 256898.20 | 244167.31 | 242624.38 | 247896.63  | 3.16    | ppb   |
| Strontium  | 86-1  | 546.34    | 518.35    | 515.77    | 526.82     | 3.22    | ppb   |
| Strontium  | 88-1  | 555.17    | 529.46    | 523.99    | 536.21     | 3.11    | ppb   |
| Sulfur     | 34-1  | 10592.98  | 9498.54   | 9599.83   | 9897.12    | 6.11    | ppb   |
| Terbium    | 159-1 |           |           |           | 108        |         | %     |
| Terbium    | 159-2 |           |           |           | 101        |         | %     |
| Thallium   | 203-1 | 546.08    | 524.58    | 522.84    | 531.17     | 2.44    | ppb   |
| Thallium   | 205-1 | 550.26    | 524.21    | 520.21    | 531.56     | 3.07    | ppb   |
| Tin        | 118-1 | 535.38    | 518.10    | 513.89    | 522.46     | 2.18    | ppb   |
| Titanium   | 47-1  | 2753.63   | 2579.45   | 2572.68   | 2635.25    | 3.89    | ppb   |
| Uranium    | 238-1 | 564.54    | 535.13    | 534.66    | 544.78     | 3.14    | ppb   |
| Vanadium   | 51-2  | 541.09    | 522.61    | 514.28    | 525.99     | 2.61    | ppb   |
| Yttrium    | 89-1  |           |           |           | 98         |         | %     |
| Yttrium    | 89-2  |           |           |           | 91         |         | %     |
| Zinc       | 66-2  | 1091.95   | 1037.74   | 1022.51   | 1050.73    | 3.47    | ppb   |
| Zirconium  | 90-1  | 552.93    | 528.18    | 514.74    | 531.95     | 3.64    | ppb   |

|                         |                     |                   |          |
|-------------------------|---------------------|-------------------|----------|
| LB Number :             | LB94089             | Operator :        | Jaswal   |
| Lab Sample ID :         | CCV010              | Instrumnet Name : | P8       |
| Client Sample ID :      | CCV010              | Dilution Factor : | 1        |
| Date & Time Acquired :: | 2018-03-22 17:02:04 | DataFile Name :   | 087CCV.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|-----------|------|---------|---------|---------|------------|---------|-------|
| Zirconium | 91-1 | 536.21  | 514.50  | 500.92  | 517.21     | 3.44    | ppb   |



|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB94089             | Operator :        | Jaswal    |
| Lab Sample ID :         | CCB010              | Instrumnet Name : | P8        |
| Client Sample ID :      | CCB010              | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2018-03-22 17:08:09 | DataFile Name :   | 088CCBE.d |

| Parameter  | Mass  | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|------------|-------|---------|---------|---------|------------|---------|-------|
| Aluminium  | 27-2  | 0.82    | 4.41    | 0.80    | 2.01       | 103.45  | ppb   |
| Antimony   | 121-1 | 0.51    | 0.70    | 0.69    | 0.63       | 17.27   | ppb   |
| Arsenic    | 75-2  | 0.12    | 0.15    | 0.10    | 0.12       | 19.33   | ppb   |
| Barium     | 135-1 | 0.02    | 0.01    | 0.02    | 0.02       | 48.25   | ppb   |
| Barium     | 137-1 | 0.05    | 0.03    | 0.07    | 0.05       | 47.21   | ppb   |
| Beryllium  | 9-1   | 0.12    | 0.14    | 0.12    | 0.13       | 8.08    | ppb   |
| Bismuth    | 209-1 |         |         |         | 115        |         | %     |
| Bismuth    | 209-2 |         |         |         | 109        |         | %     |
| Boron      | 10-1  | 6.68    | 7.27    | 6.61    | 6.85       | 5.34    | ppb   |
| Boron      | 11-1  | 6.66    | 7.35    | 7.18    | 7.07       | 5.07    | ppb   |
| Cadmium    | 111-1 | -0.15   | -0.09   | -0.23   | -0.16      |         | ppb   |
| Cadmium    | 106-1 | -2.20   | -1.39   | -3.30   | -2.30      |         | ppb   |
| Cadmium    | 108-1 | 0.07    | 0.07    | -0.02   | 0.04       | 132.82  | ppb   |
| Calcium    | 43-1  | 1.72    | -5.18   | -11.00  | -4.82      |         | ppb   |
| Calcium    | 44-1  | -18.43  | -17.06  | -17.62  | -17.71     |         | ppb   |
| Chromium   | 52-2  | -0.01   | -0.04   | 0.01    | -0.01      |         | ppb   |
| Cobalt     | 59-2  | 0.03    | 0.01    | 0.03    | 0.02       | 60.23   | ppb   |
| Copper     | 63-2  | 0.01    | 0.06    | 0.06    | 0.04       | 59.20   | ppb   |
| Dysprosium | 156-1 |         |         |         |            |         | cps   |
| Dysprosium | 156-2 |         |         |         |            |         | cps   |
| Erbium     | 164-1 |         |         |         |            |         | cps   |
| Erbium     | 164-2 |         |         |         |            |         | cps   |
| Gadolinium | 160-1 |         |         |         |            |         | cps   |
| Gadolinium | 160-2 |         |         |         |            |         | cps   |
| Holmium    | 165-1 |         |         |         | 110        |         | %     |
| Holmium    | 165-2 |         |         |         | 103        |         | %     |
| Indium     | 115-1 |         |         |         | 103        |         | %     |
| Indium     | 115-2 |         |         |         | 95         |         | %     |
| Iron       | 56-2  | 6.39    | 6.07    | 8.15    | 6.87       | 16.30   | ppb   |
| Iron       | 57-2  | 6.46    | 8.49    | 8.84    | 7.93       | 16.26   | ppb   |
| Lead       | 206-1 | 0.07    | 0.05    | 0.05    | 0.06       | 21.52   | ppb   |
| Lead       | 207-1 | 0.05    | 0.03    | 0.06    | 0.04       | 37.48   | ppb   |
| Lead       | 208-1 | 0.05    | 0.05    | 0.06    | 0.05       | 2.21    | ppb   |
| Lithium    | 6-1   |         |         |         | 101        |         | %     |
| Magnesium  | 24-2  | 3.14    | 6.22    | -0.66   | 2.90       | 118.77  | ppb   |
| Manganese  | 55-2  | 0.10    | 0.03    | 0.06    | 0.06       | 56.54   | ppb   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB94089             | Operator :        | Jaswal    |
| Lab Sample ID :         | CCB010              | Instrumnet Name : | P8        |
| Client Sample ID :      | CCB010              | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2018-03-22 17:08:09 | DataFile Name :   | 088CCBE.d |

| Parameter  | Mass  | ConRep1  | ConRep2  | ConRep3  | Avg. Conc. | ConcRSD | Units |
|------------|-------|----------|----------|----------|------------|---------|-------|
| Molybdenum | 94-1  | 0.38     | 0.50     | 0.57     | 0.48       | 19.30   | ppb   |
| Molybdenum | 95-1  | 0.40     | 0.63     | 0.72     | 0.58       | 27.79   | ppb   |
| Molybdenum | 96-1  | 0.42     | 0.57     | 0.69     | 0.56       | 24.98   | ppb   |
| Molybdenum | 97-1  | 0.39     | 0.57     | 0.82     | 0.59       | 36.73   | ppb   |
| Molybdenum | 98-1  | 0.43     | 0.57     | 0.76     | 0.59       | 27.82   | ppb   |
| Neodymium  | 150-1 |          |          |          |            |         | cps   |
| Neodymium  | 150-2 |          |          |          |            |         | cps   |
| Nickel     | 60-2  | -0.63    | -0.39    | -0.62    | -0.55      |         | ppb   |
| Phosphorus | 31-2  | -24.84   | -24.84   | -24.84   | -24.84     |         | ppb   |
| Potassium  | 39-2  | -41.08   | -29.60   | -50.31   | -40.33     |         | ppb   |
| Rhodium    | 103-1 |          |          |          | 102        |         | %     |
| Rhodium    | 103-2 |          |          |          | 101        |         | %     |
| Scandium   | 45-1  |          |          |          | 96         |         | %     |
| Scandium   | 45-2  |          |          |          | 86         |         | %     |
| Selenium   | 77-2  | -2.29    | -2.29    | -2.29    | -2.29      |         | ppb   |
| Selenium   | 78-2  | -0.27    | -0.30    | -1.41    | -0.66      |         | ppb   |
| Selenium   | 82-1  | 0.15     | -0.31    | -0.34    | -0.17      |         | ppb   |
| Silicon    | 28-1  | -37.91   | -37.28   | -37.07   | -37.42     |         | ppb   |
| Silver     | 109-1 | 0.01     | 0.01     | 0.02     | 0.01       | 49.01   | ppb   |
| Silver     | 107-1 | 0.01     | 0.02     | 0.01     | 0.01       | 58.31   | ppb   |
| Sodium     | 23-2  | 19.93    | 11.11    | 25.18    | 18.74      | 37.95   | ppb   |
| Strontium  | 86-1  | 0.02     | -0.04    | 0.05     | 0.01       | 411.19  | ppb   |
| Strontium  | 88-1  | 0.01     | 0.01     | 0.02     | 0.01       | 28.40   | ppb   |
| Sulfur     | 34-1  | -2072.82 | -1784.29 | -1904.11 | -1920.40   |         | ppb   |
| Terbium    | 159-1 |          |          |          | 108        |         | %     |
| Terbium    | 159-2 |          |          |          | 103        |         | %     |
| Thallium   | 203-1 | 0.08     | 0.08     | 0.06     | 0.07       | 16.51   | ppb   |
| Thallium   | 205-1 | 0.09     | 0.08     | 0.08     | 0.08       | 4.17    | ppb   |
| Tin        | 118-1 | 0.18     | 0.24     | 0.20     | 0.21       | 15.25   | ppb   |
| Titanium   | 47-1  | 0.08     | 0.00     | 0.06     | 0.04       | 96.97   | ppb   |
| Uranium    | 238-1 | 0.00     | 0.01     | 0.01     | 0.01       | 46.44   | ppb   |
| Vanadium   | 51-2  | 0.02     | 0.01     | 0.04     | 0.02       | 56.69   | ppb   |
| Yttrium    | 89-1  |          |          |          | 101        |         | %     |
| Yttrium    | 89-2  |          |          |          | 94         |         | %     |
| Zinc       | 66-2  | 0.07     | 0.16     | 0.03     | 0.09       | 78.30   | ppb   |
| Zirconium  | 90-1  | 0.03     | 0.04     | 0.04     | 0.04       | 6.08    | ppb   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB94089             | Operator :        | Jaswal    |
| Lab Sample ID :         | CCB010              | Instrumnet Name : | P8        |
| Client Sample ID :      | CCB010              | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2018-03-22 17:08:09 | DataFile Name :   | 088CCBE.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|-----------|------|---------|---------|---------|------------|---------|-------|
| Zirconium | 91-1 | 0.03    | 0.06    | 0.04    | 0.04       | 45.53   | ppb   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB94089             | Operator :        | Jaswal    |
| Lab Sample ID :         | TUNE                | Instrumnet Name : | P8        |
| Client Sample ID :      | TUNE                | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2018-03-22 11:33:15 | DataFile Name :   | 001SMPL.d |

| Parameter  | Mass  | CPS1    | CPS2    | CPS3    | CPSMean | CPSRSD | Units |
|------------|-------|---------|---------|---------|---------|--------|-------|
| Aluminium  | 27-2  | 17      | 25      | 0       | 14      | 91.65  | cps   |
| Antimony   | 121-1 | 900     | 1100    | 1083    | 1028    | 10.80  | cps   |
| Arsenic    | 75-2  | 22      | 20      | 13      | 19      | 26.46  | cps   |
| Barium     | 135-1 | 592     | 392     | 383     | 456     | 25.89  | cps   |
| Barium     | 137-1 | 892     | 700     | 575     | 722     | 22.09  | cps   |
| Beryllium  | 9-1   | 506     | 328     | 356     | 396     | 24.13  | cps   |
| Bismuth    | 209-1 | 5794929 | 6162376 | 6157886 | 6038397 | 3.49   | cps   |
| Bismuth    | 209-2 | 1568503 | 1547336 | 1581866 | 1565902 | 1.11   | cps   |
| Boron      | 10-1  | 167     | 125     | 100     | 131     | 25.80  | cps   |
| Boron      | 11-1  | 733     | 675     | 825     | 744     | 10.16  | cps   |
| Cadmium    | 111-1 | 1199    | 1168    | 1120    | 1162    | 3.45   | cps   |
| Cadmium    | 106-1 | 1333    | 1342    | 1367    | 1347    | 1.29   | cps   |
| Cadmium    | 108-1 | 25      | 13      | 29      | 22      | 39.04  | cps   |
| Calcium    | 43-1  | 717     | 592     | 600     | 636     | 10.99  | cps   |
| Calcium    | 44-1  | 13432   | 14692   | 14149   | 14091   | 4.48   | cps   |
| Chromium   | 52-2  | 237     | 223     | 207     | 222     | 6.76   | cps   |
| Cobalt     | 59-2  | 320     | 243     | 177     | 247     | 29.08  | cps   |
| Copper     | 63-2  | 287     | 287     | 213     | 262     | 16.15  | cps   |
| Dysprosium | 156-1 | 42      | 25      | 8       | 25      | 66.68  | cps   |
| Dysprosium | 156-2 | 0       | 3       | 3       | 2       | 86.60  | cps   |
| Erbium     | 164-1 | 17      | 50      | 42      | 36      | 48.03  | cps   |
| Erbium     | 164-2 | 3       | 0       | 7       | 3       | 100.05 | cps   |
| Gadolinium | 160-1 | 25      | 42      | 92      | 53      | 65.74  | cps   |
| Gadolinium | 160-2 | 0       | 7       | 7       | 4       | 86.60  | cps   |
| Holmium    | 165-1 | 8641203 | 9141726 | 9169042 | 8983990 | 3.31   | cps   |
| Holmium    | 165-2 | 2011153 | 1969655 | 2047420 | 2009409 | 1.94   | cps   |
| Indium     | 115-1 | 6733740 | 7124358 | 7142648 | 7000248 | 3.30   | cps   |
| Indium     | 115-2 | 347159  | 339273  | 355612  | 347348  | 2.35   | cps   |
| Iron       | 56-2  | 945     | 1067    | 972     | 995     | 6.44   | cps   |
| Iron       | 57-2  | 17      | 39      | 28      | 28      | 39.99  | cps   |
| Lead       | 206-1 | 1695    | 1417    | 1206    | 1439    | 17.04  | cps   |
| Lead       | 207-1 | 1483    | 1211    | 956     | 1217    | 21.69  | cps   |
| Lead       | 208-1 | 7079    | 5917    | 4562    | 5853    | 21.53  | cps   |
| Lithium    | 6-1   | 1251333 | 1316684 | 1298212 | 1288743 | 2.61   | cps   |
| Magnesium  | 24-2  | 217     | 200     | 200     | 206     | 4.68   | cps   |
| Manganese  | 55-2  | 37      | 37      | 17      | 30      | 38.49  | cps   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB94089             | Operator :        | Jaswal    |
| Lab Sample ID :         | TUNE                | Instrumnet Name : | P8        |
| Client Sample ID :      | TUNE                | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2018-03-22 11:33:15 | DataFile Name :   | 001SMPL.d |

| Parameter  | Mass  | CPS1    | CPS2    | CPS3    | CPSMean | CPSRSD | Units |
|------------|-------|---------|---------|---------|---------|--------|-------|
| Molybdenum | 94-1  | 983     | 1025    | 1142    | 1050    | 7.82   | cps   |
| Molybdenum | 95-1  | 1458    | 1667    | 1650    | 1592    | 7.27   | cps   |
| Molybdenum | 96-1  | 1767    | 1575    | 1967    | 1770    | 11.07  | cps   |
| Molybdenum | 97-1  | 1067    | 892     | 1067    | 1008    | 10.02  | cps   |
| Molybdenum | 98-1  | 2442    | 2725    | 2442    | 2536    | 6.45   | cps   |
| Neodymium  | 150-1 | 0       | 0       | 0       | 0       | 0.00   | cps   |
| Neodymium  | 150-2 | 3       | 0       | 0       | 1       | 173.21 | cps   |
| Nickel     | 60-2  | 603     | 617     | 607     | 609     | 1.14   | cps   |
| Phosphorus | 31-2  | 25      | 8       | 0       | 11      | 114.58 | cps   |
| Potassium  | 39-2  | 2192    | 2467    | 2459    | 2373    | 6.59   | cps   |
| Rhodium    | 103-1 | 6224984 | 6533654 | 6571784 | 6443474 | 2.95   | cps   |
| Rhodium    | 103-2 | 1907815 | 1869160 | 1925474 | 1900816 | 1.52   | cps   |
| Scandium   | 45-1  | 3598809 | 3813472 | 3797725 | 3736668 | 3.20   | cps   |
| Scandium   | 45-2  | 39362   | 38496   | 40585   | 39481   | 2.66   | cps   |
| Selenium   | 77-2  | 0       | 0       | 0       | 0       | 0.00   | cps   |
| Selenium   | 78-2  | 2       | 4       | 2       | 2       | 43.30  | cps   |
| Selenium   | 82-1  | 40      | 58      | 61      | 53      | 22.07  | cps   |
| Silicon    | 28-1  | 324563  | 325882  | 327008  | 325818  | 0.38   | cps   |
| Silver     | 109-1 | 125     | 50      | 67      | 81      | 48.89  | cps   |
| Silver     | 107-1 | 83      | 117     | 108     | 103     | 16.88  | cps   |
| Sodium     | 23-2  | 3392    | 3551    | 3809    | 3584    | 5.87   | cps   |
| Strontium  | 86-1  | 392     | 367     | 350     | 369     | 5.68   | cps   |
| Strontium  | 88-1  | 142     | 167     | 117     | 142     | 17.65  | cps   |
| Sulfur     | 34-1  | 286881  | 287893  | 290094  | 288289  | 0.57   | cps   |
| Terbium    | 159-1 | 8962477 | 9567857 | 9465515 | 9331950 | 3.47   | cps   |
| Terbium    | 159-2 | 1989641 | 1908366 | 1986316 | 1961441 | 2.34   | cps   |
| Thallium   | 203-1 | 892     | 608     | 658     | 720     | 21.02  | cps   |
| Thallium   | 205-1 | 2117    | 1992    | 1417    | 1842    | 20.27  | cps   |
| Tin        | 118-1 | 700     | 750     | 842     | 764     | 9.41   | cps   |
| Titanium   | 47-1  | 175     | 125     | 133     | 144     | 18.54  | cps   |
| Uranium    | 238-1 | 7511    | 5593    | 4634    | 5913    | 24.77  | cps   |
| Vanadium   | 51-2  | 60      | 30      | 50      | 47      | 32.73  | cps   |
| Yttrium    | 89-1  | 6970157 | 7319877 | 7409708 | 7233248 | 3.21   | cps   |
| Yttrium    | 89-2  | 259874  | 255001  | 264996  | 259957  | 1.92   | cps   |
| Zinc       | 66-2  | 37      | 60      | 70      | 56      | 30.79  | cps   |
| Zirconium  | 90-1  | 417     | 500     | 475     | 464     | 9.22   | cps   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB94089             | Operator :        | Jaswal    |
| Lab Sample ID :         | TUNE                | Instrumnet Name : | P8        |
| Client Sample ID :      | TUNE                | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2018-03-22 11:33:15 | DataFile Name :   | 001SMPL.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|-----------|------|------|------|------|---------|--------|-------|
| Zirconium | 91-1 | 75   | 175  | 92   | 114     | 47.04  | cps   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB94089             | Operator :        | Jaswal    |
| Lab Sample ID :         | S00                 | Instrumnet Name : | P8        |
| Client Sample ID :      | S00                 | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2018-03-22 12:01:34 | DataFile Name :   | 003CALB.d |

| Parameter  | Mass  | CPS1    | CPS2    | CPS3    | CPSMean | CPSRSD | Units |
|------------|-------|---------|---------|---------|---------|--------|-------|
| Aluminium  | 27-2  | 0       | 8       | 8       | 6       | 86.60  | cps   |
| Antimony   | 121-1 | 225     | 408     | 325     | 319     | 28.73  | cps   |
| Arsenic    | 75-2  | 4       | 2       | 2       | 2       | 43.30  | cps   |
| Barium     | 135-1 | 33      | 58      | 42      | 44      | 28.65  | cps   |
| Barium     | 137-1 | 25      | 17      | 33      | 25      | 33.32  | cps   |
| Beryllium  | 9-1   | 78      | 89      | 128     | 98      | 26.75  | cps   |
| Bismuth    | 209-1 | 6013815 | 6176693 | 6091706 | 6094071 | 1.34   | cps   |
| Bismuth    | 209-2 | 1530745 | 1499621 | 1490875 | 1507080 | 1.39   | cps   |
| Boron      | 10-1  | 133     | 133     | 67      | 111     | 34.64  | cps   |
| Boron      | 11-1  | 425     | 358     | 417     | 400     | 9.08   | cps   |
| Cadmium    | 111-1 | 934     | 995     | 941     | 957     | 3.49   | cps   |
| Cadmium    | 106-1 | 1333    | 1392    | 1308    | 1345    | 3.18   | cps   |
| Cadmium    | 108-1 | 17      | 0       | 0       | 6       | 173.21 | cps   |
| Calcium    | 43-1  | 658     | 592     | 500     | 583     | 13.63  | cps   |
| Calcium    | 44-1  | 12064   | 12615   | 13098   | 12592   | 4.11   | cps   |
| Chromium   | 52-2  | 207     | 150     | 153     | 170     | 18.70  | cps   |
| Cobalt     | 59-2  | 43      | 43      | 43      | 43      | 0.00   | cps   |
| Copper     | 63-2  | 167     | 183     | 157     | 169     | 7.98   | cps   |
| Dysprosium | 156-1 | 8       | 0       | 8       | 6       | 86.60  | cps   |
| Dysprosium | 156-2 | 7       | 3       | 0       | 3       | 100.05 | cps   |
| Erbium     | 164-1 | 50      | 67      | 33      | 50      | 33.34  | cps   |
| Erbium     | 164-2 | 3       | 7       | 7       | 6       | 34.70  | cps   |
| Gadolinium | 160-1 | 50      | 42      | 33      | 42      | 20.00  | cps   |
| Gadolinium | 160-2 | 10      | 7       | 17      | 11      | 45.82  | cps   |
| Holmium    | 165-1 | 9180329 | 9222968 | 9165862 | 9189720 | 0.32   | cps   |
| Holmium    | 165-2 | 1992137 | 1952631 | 1938017 | 1960928 | 1.43   | cps   |
| Indium     | 115-1 | 7116605 | 7314414 | 7239269 | 7223429 | 1.38   | cps   |
| Indium     | 115-2 | 343763  | 336665  | 333246  | 337891  | 1.59   | cps   |
| Iron       | 56-2  | 789     | 750     | 783     | 774     | 2.72   | cps   |
| Iron       | 57-2  | 22      | 11      | 17      | 17      | 33.33  | cps   |
| Lead       | 206-1 | 133     | 128     | 183     | 148     | 20.65  | cps   |
| Lead       | 207-1 | 189     | 139     | 139     | 156     | 18.56  | cps   |
| Lead       | 208-1 | 767     | 589     | 717     | 691     | 13.27  | cps   |
| Lithium    | 6-1   | 1299330 | 1334327 | 1335041 | 1322899 | 1.54   | cps   |
| Magnesium  | 24-2  | 242     | 217     | 175     | 211     | 15.95  | cps   |
| Manganese  | 55-2  | 17      | 10      | 13      | 13      | 25.01  | cps   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB94089             | Operator :        | Jaswal    |
| Lab Sample ID :         | S00                 | Instrumnet Name : | P8        |
| Client Sample ID :      | S00                 | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2018-03-22 12:01:34 | DataFile Name :   | 003CALB.d |

| Parameter  | Mass  | CPS1    | CPS2    | CPS3    | CPSMean | CPSRSD | Units |
|------------|-------|---------|---------|---------|---------|--------|-------|
| Molybdenum | 94-1  | 158     | 192     | 208     | 186     | 13.68  | cps   |
| Molybdenum | 95-1  | 142     | 125     | 183     | 150     | 20.03  | cps   |
| Molybdenum | 96-1  | 167     | 175     | 183     | 175     | 4.76   | cps   |
| Molybdenum | 97-1  | 67      | 67      | 75      | 69      | 6.93   | cps   |
| Molybdenum | 98-1  | 125     | 158     | 233     | 172     | 32.22  | cps   |
| Neodymium  | 150-1 | 7       | 7       | 13      | 9       | 43.25  | cps   |
| Neodymium  | 150-2 | 0       | 0       | 0       | 0       | 0.00   | cps   |
| Nickel     | 60-2  | 487     | 433     | 457     | 459     | 5.83   | cps   |
| Phosphorus | 31-2  | 17      | 0       | 0       | 6       | 173.21 | cps   |
| Potassium  | 39-2  | 2784    | 2675    | 2267    | 2575    | 10.58  | cps   |
| Rhodium    | 103-1 | 6494472 | 6742645 | 6621426 | 6619515 | 1.87   | cps   |
| Rhodium    | 103-2 | 1877420 | 1849801 | 1818589 | 1848603 | 1.59   | cps   |
| Scandium   | 45-1  | 3799148 | 3952356 | 3901583 | 3884362 | 2.01   | cps   |
| Scandium   | 45-2  | 39128   | 37617   | 37397   | 38047   | 2.48   | cps   |
| Selenium   | 77-2  | 0       | 3       | 0       | 1       | 173.21 | cps   |
| Selenium   | 78-2  | 4       | 2       | 2       | 2       | 43.30  | cps   |
| Selenium   | 82-1  | 10      | -5      | 16      | 7       | 162.23 | cps   |
| Silicon    | 28-1  | 325621  | 321858  | 325747  | 324409  | 0.68   | cps   |
| Silver     | 109-1 | 83      | 58      | 50      | 64      | 27.15  | cps   |
| Silver     | 107-1 | 92      | 58      | 108     | 86      | 29.56  | cps   |
| Sodium     | 23-2  | 3626    | 3709    | 3576    | 3637    | 1.85   | cps   |
| Strontium  | 86-1  | 333     | 367     | 400     | 367     | 9.09   | cps   |
| Strontium  | 88-1  | 142     | 58      | 100     | 100     | 41.67  | cps   |
| Sulfur     | 34-1  | 286847  | 289772  | 285452  | 287357  | 0.77   | cps   |
| Terbium    | 159-1 | 9468388 | 9669155 | 9514115 | 9550553 | 1.10   | cps   |
| Terbium    | 159-2 | 1926140 | 1902644 | 1882223 | 1903669 | 1.15   | cps   |
| Thallium   | 203-1 | 108     | 67      | 108     | 94      | 25.47  | cps   |
| Thallium   | 205-1 | 250     | 192     | 233     | 225     | 13.35  | cps   |
| Tin        | 118-1 | 558     | 642     | 608     | 603     | 6.96   | cps   |
| Titanium   | 47-1  | 83      | 150     | 92      | 108     | 33.53  | cps   |
| Uranium    | 238-1 | 58      | 75      | 67      | 67      | 12.49  | cps   |
| Vanadium   | 51-2  | 0       | 3       | 3       | 2       | 86.60  | cps   |
| Yttrium    | 89-1  | 7251889 | 7547616 | 7431769 | 7410425 | 2.01   | cps   |
| Yttrium    | 89-2  | 256495  | 252373  | 249904  | 252924  | 1.32   | cps   |
| Zinc       | 66-2  | 40      | 53      | 27      | 40      | 33.33  | cps   |
| Zirconium  | 90-1  | 417     | 458     | 433     | 436     | 4.81   | cps   |



|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB94089             | Operator :        | Jaswal    |
| Lab Sample ID :         | S00                 | Instrumnet Name : | P8        |
| Client Sample ID :      | S00                 | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2018-03-22 12:01:34 | DataFile Name :   | 003CALB.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|-----------|------|------|------|------|---------|--------|-------|
| Zirconium | 91-1 | 75   | 100  | 117  | 97      | 21.57  | cps   |

|                         |                     |                   |            |
|-------------------------|---------------------|-------------------|------------|
| LB Number :             | LB94089             | Operator :        | Jaswal     |
| Lab Sample ID :         | S02                 | Instrumnet Name : | P8         |
| Client Sample ID :      | S02                 | Dilution Factor : | 1          |
| Date & Time Acquired :: | 2018-03-22 12:09:04 | DataFile Name :   | 005CAL.S.d |

| Parameter  | Mass  | CPS1    | CPS2    | CPS3    | CPSMean | CPSRSD | Units |
|------------|-------|---------|---------|---------|---------|--------|-------|
| Aluminium  | 27-2  | 92      | 83      | 67      | 81      | 15.80  | cps   |
| Antimony   | 121-1 | 12056   | 11656   | 11414   | 11708   | 2.77   | cps   |
| Arsenic    | 75-2  | 54      | 80      | 87      | 73      | 23.83  | cps   |
| Barium     | 135-1 | 12532   | 11923   | 11989   | 12148   | 2.75   | cps   |
| Barium     | 137-1 | 21443   | 22295   | 21735   | 21824   | 1.98   | cps   |
| Beryllium  | 9-1   | 694     | 839     | 856     | 796     | 11.13  | cps   |
| Bismuth    | 209-1 | 6087170 | 6060430 | 5929678 | 6025760 | 1.40   | cps   |
| Bismuth    | 209-2 | 1342569 | 1540176 | 1564701 | 1482482 | 8.22   | cps   |
| Boron      | 10-1  | 1934    | 1684    | 1917    | 1845    | 7.58   | cps   |
| Boron      | 11-1  | 9237    | 9837    | 9303    | 9459    | 3.48   | cps   |
| Cadmium    | 111-1 | 2137    | 1877    | 2142    | 2052    | 7.39   | cps   |
| Cadmium    | 106-1 | 1458    | 1275    | 1442    | 1392    | 7.29   | cps   |
| Cadmium    | 108-1 | 96      | 88      | 96      | 93      | 5.17   | cps   |
| Calcium    | 43-1  | 6143    | 6577    | 6502    | 6407    | 3.62   | cps   |
| Calcium    | 44-1  | 104974  | 104822  | 106176  | 105324  | 0.70   | cps   |
| Chromium   | 52-2  | 1460    | 1433    | 1373    | 1422    | 3.12   | cps   |
| Cobalt     | 59-2  | 1147    | 1297    | 1263    | 1236    | 6.37   | cps   |
| Copper     | 63-2  | 2304    | 2097    | 2317    | 2239    | 5.51   | cps   |
| Dysprosium | 156-1 | 42      | 25      | 17      | 28      | 45.82  | cps   |
| Dysprosium | 156-2 | 0       | 0       | 0       | 0       | 0.00   | cps   |
| Erbium     | 164-1 | 92      | 83      | 17      | 64      | 64.34  | cps   |
| Erbium     | 164-2 | 17      | 10      | 13      | 13      | 25.01  | cps   |
| Gadolinium | 160-1 | 0       | 50      | 33      | 28      | 91.65  | cps   |
| Gadolinium | 160-2 | 0       | 7       | 3       | 3       | 100.05 | cps   |
| Holmium    | 165-1 | 9287581 | 9109305 | 8915269 | 9104052 | 2.05   | cps   |
| Holmium    | 165-2 | 1699433 | 1962268 | 1996424 | 1886042 | 8.62   | cps   |
| Indium     | 115-1 | 7218424 | 7127918 | 7006317 | 7117553 | 1.50   | cps   |
| Indium     | 115-2 | 303736  | 345427  | 347119  | 332094  | 7.40   | cps   |
| Iron       | 56-2  | 20115   | 20282   | 20443   | 20280   | 0.81   | cps   |
| Iron       | 57-2  | 633     | 472     | 450     | 519     | 19.30  | cps   |
| Lead       | 206-1 | 3873    | 3973    | 4184    | 4010    | 3.96   | cps   |
| Lead       | 207-1 | 3617    | 3817    | 3756    | 3730    | 2.75   | cps   |
| Lead       | 208-1 | 15843   | 16516   | 16733   | 16364   | 2.83   | cps   |
| Lithium    | 6-1   | 1294544 | 1288880 | 1289612 | 1291012 | 0.24   | cps   |
| Magnesium  | 24-2  | 11313   | 11305   | 11438   | 11352   | 0.66   | cps   |
| Manganese  | 55-2  | 207     | 200     | 187     | 198     | 5.15   | cps   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB94089             | Operator :        | Jaswal    |
| Lab Sample ID :         | S02                 | Instrumnet Name : | P8        |
| Client Sample ID :      | S02                 | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2018-03-22 12:09:04 | DataFile Name :   | 005CALS.d |

| Parameter  | Mass  | CPS1    | CPS2    | CPS3    | CPSMean | CPSRSD | Units |
|------------|-------|---------|---------|---------|---------|--------|-------|
| Molybdenum | 94-1  | 9704    | 9420    | 9621    | 9582    | 1.52   | cps   |
| Molybdenum | 95-1  | 11764   | 11822   | 11639   | 11742   | 0.80   | cps   |
| Molybdenum | 96-1  | 12531   | 12915   | 12940   | 12795   | 1.79   | cps   |
| Molybdenum | 97-1  | 7286    | 7544    | 7077    | 7302    | 3.20   | cps   |
| Molybdenum | 98-1  | 18505   | 18739   | 18455   | 18566   | 0.82   | cps   |
| Neodymium  | 150-1 | 27      | 7       | 0       | 11      | 124.89 | cps   |
| Neodymium  | 150-2 | 0       | 0       | 0       | 0       | 0.00   | cps   |
| Nickel     | 60-2  | 853     | 960     | 863     | 892     | 6.60   | cps   |
| Phosphorus | 31-2  | 17      | 0       | 17      | 11      | 86.60  | cps   |
| Potassium  | 39-2  | 8578    | 9070    | 8336    | 8661    | 4.32   | cps   |
| Rhodium    | 103-1 | 6594139 | 6525208 | 6510629 | 6543325 | 0.68   | cps   |
| Rhodium    | 103-2 | 1641733 | 1883541 | 1874220 | 1799831 | 7.61   | cps   |
| Scandium   | 45-1  | 3882936 | 3874749 | 3814160 | 3857282 | 0.97   | cps   |
| Scandium   | 45-2  | 34211   | 39268   | 39957   | 37812   | 8.30   | cps   |
| Selenium   | 77-2  | 3       | 10      | 7       | 7       | 50.03  | cps   |
| Selenium   | 78-2  | 9       | 7       | 6       | 7       | 24.97  | cps   |
| Selenium   | 82-1  | 386     | 348     | 314     | 349     | 10.29  | cps   |
| Silicon    | 28-1  | 360412  | 365152  | 359572  | 361712  | 0.83   | cps   |
| Silver     | 109-1 | 5318    | 5685    | 5568    | 5524    | 3.39   | cps   |
| Silver     | 107-1 | 6110    | 6268    | 6368    | 6249    | 2.09   | cps   |
| Sodium     | 23-2  | 30024   | 29248   | 29089   | 29454   | 1.70   | cps   |
| Strontium  | 86-1  | 1775    | 1775    | 1725    | 1759    | 1.64   | cps   |
| Strontium  | 88-1  | 13215   | 12948   | 13599   | 13254   | 2.47   | cps   |
| Sulfur     | 34-1  | 292068  | 292919  | 289701  | 291563  | 0.57   | cps   |
| Terbium    | 159-1 | 9610880 | 9472023 | 9365419 | 9482774 | 1.30   | cps   |
| Terbium    | 159-2 | 1687694 | 1920167 | 1959266 | 1855709 | 7.91   | cps   |
| Thallium   | 203-1 | 5126    | 5343    | 4718    | 5062    | 6.27   | cps   |
| Thallium   | 205-1 | 11856   | 11514   | 11572   | 11648   | 1.57   | cps   |
| Tin        | 118-1 | 20158   | 20233   | 19982   | 20124   | 0.64   | cps   |
| Titanium   | 47-1  | 2867    | 3184    | 3109    | 3053    | 5.42   | cps   |
| Uranium    | 238-1 | 14392   | 15126   | 14676   | 14732   | 2.51   | cps   |
| Vanadium   | 51-2  | 2237    | 2070    | 2174    | 2160    | 3.90   | cps   |
| Yttrium    | 89-1  | 7345927 | 7277996 | 7234888 | 7286270 | 0.77   | cps   |
| Yttrium    | 89-2  | 227854  | 258629  | 263055  | 249846  | 7.67   | cps   |
| Zinc       | 66-2  | 210     | 253     | 237     | 233     | 9.37   | cps   |
| Zirconium  | 90-1  | 8586    | 8403    | 8478    | 8489    | 1.09   | cps   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB94089             | Operator :        | Jaswal    |
| Lab Sample ID :         | S02                 | Instrumnet Name : | P8        |
| Client Sample ID :      | S02                 | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2018-03-22 12:09:04 | DataFile Name :   | 005CALS.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|-----------|------|------|------|------|---------|--------|-------|
| Zirconium | 91-1 | 1742 | 2084 | 1717 | 1847    | 11.09  | cps   |

|                         |                     |                   |            |
|-------------------------|---------------------|-------------------|------------|
| LB Number :             | LB94089             | Operator :        | Jaswal     |
| Lab Sample ID :         | S03                 | Instrumnet Name : | P8         |
| Client Sample ID :      | S03                 | Dilution Factor : | 1          |
| Date & Time Acquired :: | 2018-03-22 12:12:47 | DataFile Name :   | 006CAL.S.d |

| Parameter  | Mass  | CPS1    | CPS2    | CPS3    | CPSMean | CPSRSD | Units |
|------------|-------|---------|---------|---------|---------|--------|-------|
| Aluminium  | 27-2  | 5301    | 5476    | 5285    | 5354    | 1.98   | cps   |
| Antimony   | 121-1 | 302465  | 305227  | 305778  | 304490  | 0.58   | cps   |
| Arsenic    | 75-2  | 3834    | 3939    | 3915    | 3896    | 1.42   | cps   |
| Barium     | 135-1 | 331772  | 339130  | 333655  | 334852  | 1.14   | cps   |
| Barium     | 137-1 | 580121  | 580754  | 580995  | 580624  | 0.08   | cps   |
| Beryllium  | 9-1   | 37076   | 37455   | 37020   | 37184   | 0.64   | cps   |
| Bismuth    | 209-1 | 6121326 | 5960932 | 6162264 | 6081507 | 1.75   | cps   |
| Bismuth    | 209-2 | 1546094 | 1566258 | 1538555 | 1550302 | 0.92   | cps   |
| Boron      | 10-1  | 4501    | 4459    | 4468    | 4476    | 0.49   | cps   |
| Boron      | 11-1  | 20115   | 21367   | 20090   | 20524   | 3.56   | cps   |
| Cadmium    | 111-1 | 65674   | 66325   | 66048   | 66016   | 0.49   | cps   |
| Cadmium    | 106-1 | 8195    | 8044    | 8320    | 8186    | 1.68   | cps   |
| Cadmium    | 108-1 | 5022    | 4989    | 5001    | 5004    | 0.34   | cps   |
| Calcium    | 43-1  | 64415   | 64700   | 64315   | 64477   | 0.31   | cps   |
| Calcium    | 44-1  | 1046774 | 1056825 | 1043646 | 1049082 | 0.66   | cps   |
| Chromium   | 52-2  | 33417   | 33567   | 33621   | 33535   | 0.32   | cps   |
| Cobalt     | 59-2  | 66049   | 66290   | 66682   | 66340   | 0.48   | cps   |
| Copper     | 63-2  | 112373  | 111862  | 112850  | 112362  | 0.44   | cps   |
| Dysprosium | 156-1 | 17      | 25      | 50      | 31      | 56.77  | cps   |
| Dysprosium | 156-2 | 0       | 0       | 3       | 1       | 173.21 | cps   |
| Erbium     | 164-1 | 67      | 50      | 25      | 47      | 44.41  | cps   |
| Erbium     | 164-2 | 3       | 3       | 3       | 3       | 0.00   | cps   |
| Gadolinium | 160-1 | 50      | 67      | 58      | 58      | 14.29  | cps   |
| Gadolinium | 160-2 | 17      | 7       | 3       | 9       | 78.08  | cps   |
| Holmium    | 165-1 | 9257163 | 9064059 | 9235123 | 9185448 | 1.15   | cps   |
| Holmium    | 165-2 | 2003354 | 2008548 | 1967202 | 1993035 | 1.13   | cps   |
| Indium     | 115-1 | 7234868 | 7051198 | 7245965 | 7177344 | 1.52   | cps   |
| Indium     | 115-2 | 344095  | 349373  | 339105  | 344191  | 1.49   | cps   |
| Iron       | 56-2  | 1042585 | 1052501 | 1050433 | 1048506 | 0.50   | cps   |
| Iron       | 57-2  | 26270   | 26726   | 26348   | 26448   | 0.92   | cps   |
| Lead       | 206-1 | 206344  | 209291  | 206179  | 207271  | 0.84   | cps   |
| Lead       | 207-1 | 185029  | 188079  | 186902  | 186670  | 0.82   | cps   |
| Lead       | 208-1 | 837607  | 841766  | 837128  | 838834  | 0.30   | cps   |
| Lithium    | 6-1   | 1297295 | 1286232 | 1330492 | 1304673 | 1.77   | cps   |
| Magnesium  | 24-2  | 121364  | 122928  | 121642  | 121978  | 0.68   | cps   |
| Manganese  | 55-2  | 18332   | 17978   | 18132   | 18148   | 0.98   | cps   |

|                         |                     |                   |            |
|-------------------------|---------------------|-------------------|------------|
| LB Number :             | LB94089             | Operator :        | Jaswal     |
| Lab Sample ID :         | S03                 | Instrumnet Name : | P8         |
| Client Sample ID :      | S03                 | Dilution Factor : | 1          |
| Date & Time Acquired :: | 2018-03-22 12:12:47 | DataFile Name :   | 006CAL.S.d |

| Parameter  | Mass  | CPS1    | CPS2    | CPS3    | CPSMean | CPSRSD | Units |
|------------|-------|---------|---------|---------|---------|--------|-------|
| Molybdenum | 94-1  | 512009  | 511333  | 506869  | 510070  | 0.55   | cps   |
| Molybdenum | 95-1  | 622867  | 622053  | 622876  | 622599  | 0.08   | cps   |
| Molybdenum | 96-1  | 699258  | 695947  | 685955  | 693720  | 1.00   | cps   |
| Molybdenum | 97-1  | 388244  | 392826  | 384501  | 388524  | 1.07   | cps   |
| Molybdenum | 98-1  | 1002681 | 1006759 | 1002111 | 1003850 | 0.25   | cps   |
| Neodymium  | 150-1 | 27      | 33      | 13      | 24      | 41.66  | cps   |
| Neodymium  | 150-2 | 0       | 0       | 0       | 0       | 0.00   | cps   |
| Nickel     | 60-2  | 20395   | 21186   | 20242   | 20608   | 2.46   | cps   |
| Phosphorus | 31-2  | 417     | 333     | 367     | 372     | 11.27  | cps   |
| Potassium  | 39-2  | 35287   | 35688   | 36891   | 35955   | 2.32   | cps   |
| Rhodium    | 103-1 | 6607600 | 6498857 | 6613256 | 6573238 | 0.98   | cps   |
| Rhodium    | 103-2 | 1857723 | 1866992 | 1847139 | 1857285 | 0.53   | cps   |
| Scandium   | 45-1  | 3898310 | 3805789 | 3916287 | 3873462 | 1.53   | cps   |
| Scandium   | 45-2  | 38734   | 39526   | 38439   | 38899   | 1.44   | cps   |
| Selenium   | 77-2  | 10      | 27      | 37      | 24      | 55.11  | cps   |
| Selenium   | 78-2  | 98      | 111     | 93      | 101     | 9.44   | cps   |
| Selenium   | 82-1  | 4000    | 4156    | 3935    | 4031    | 2.81   | cps   |
| Silicon    | 28-1  | 479202  | 480524  | 481364  | 480363  | 0.23   | cps   |
| Silver     | 109-1 | 306691  | 306100  | 305277  | 306023  | 0.23   | cps   |
| Silver     | 107-1 | 315381  | 321170  | 317161  | 317904  | 0.93   | cps   |
| Sodium     | 23-2  | 286399  | 286345  | 283054  | 285266  | 0.67   | cps   |
| Strontium  | 86-1  | 80479   | 82029   | 82960   | 81823   | 1.53   | cps   |
| Strontium  | 88-1  | 705751  | 705941  | 701407  | 704366  | 0.36   | cps   |
| Sulfur     | 34-1  | 327867  | 327918  | 329340  | 328375  | 0.25   | cps   |
| Terbium    | 159-1 | 9626316 | 9520350 | 9733377 | 9626681 | 1.11   | cps   |
| Terbium    | 159-2 | 1930868 | 1968334 | 1914291 | 1937831 | 1.43   | cps   |
| Thallium   | 203-1 | 251893  | 253823  | 250083  | 251933  | 0.74   | cps   |
| Thallium   | 205-1 | 607794  | 611765  | 608068  | 609209  | 0.36   | cps   |
| Tin        | 118-1 | 215414  | 215694  | 212324  | 214477  | 0.87   | cps   |
| Titanium   | 47-1  | 153339  | 155758  | 153576  | 154224  | 0.86   | cps   |
| Uranium    | 238-1 | 798408  | 804489  | 801751  | 801549  | 0.38   | cps   |
| Vanadium   | 51-2  | 23417   | 23707   | 23647   | 23590   | 0.65   | cps   |
| Yttrium    | 89-1  | 7415823 | 7218734 | 7461158 | 7365238 | 1.75   | cps   |
| Yttrium    | 89-2  | 258419  | 258513  | 255729  | 257553  | 0.61   | cps   |
| Zinc       | 66-2  | 10207   | 10167   | 10321   | 10232   | 0.78   | cps   |
| Zirconium  | 90-1  | 431660  | 430735  | 425415  | 429270  | 0.79   | cps   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB94089             | Operator :        | Jaswal    |
| Lab Sample ID :         | S03                 | Instrumnet Name : | P8        |
| Client Sample ID :      | S03                 | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2018-03-22 12:12:47 | DataFile Name :   | 006CALS.d |

| Parameter | Mass | CPS1  | CPS2  | CPS3  | CPSMean | CPSRSD | Units |
|-----------|------|-------|-------|-------|---------|--------|-------|
| Zirconium | 91-1 | 92824 | 94712 | 95525 | 94354   | 1.47   | cps   |

|                         |                     |                   |            |
|-------------------------|---------------------|-------------------|------------|
| LB Number :             | LB94089             | Operator :        | Jaswal     |
| Lab Sample ID :         | S04                 | Instrumnet Name : | P8         |
| Client Sample ID :      | S04                 | Dilution Factor : | 1          |
| Date & Time Acquired :: | 2018-03-22 12:16:31 | DataFile Name :   | 007CAL.S.d |

| Parameter  | Mass  | CPS1    | CPS2    | CPS3    | CPSMean | CPSRSD | Units |
|------------|-------|---------|---------|---------|---------|--------|-------|
| Aluminium  | 27-2  | 12373   | 12506   | 13082   | 12653   | 2.98   | cps   |
| Antimony   | 121-1 | 780670  | 788396  | 779752  | 782940  | 0.61   | cps   |
| Arsenic    | 75-2  | 9687    | 9563    | 9652    | 9634    | 0.66   | cps   |
| Barium     | 135-1 | 835888  | 836826  | 842661  | 838458  | 0.44   | cps   |
| Barium     | 137-1 | 1456912 | 1454190 | 1467285 | 1459462 | 0.47   | cps   |
| Beryllium  | 9-1   | 96108   | 94950   | 93810   | 94956   | 1.21   | cps   |
| Bismuth    | 209-1 | 6168161 | 6100733 | 6217354 | 6162083 | 0.95   | cps   |
| Bismuth    | 209-2 | 1522055 | 1548799 | 1530250 | 1533701 | 0.89   | cps   |
| Boron      | 10-1  | 10621   | 11514   | 11071   | 11069   | 4.03   | cps   |
| Boron      | 11-1  | 51000   | 51761   | 53443   | 52068   | 2.40   | cps   |
| Cadmium    | 111-1 | 165853  | 166125  | 165184  | 165720  | 0.29   | cps   |
| Cadmium    | 106-1 | 18213   | 18530   | 18397   | 18380   | 0.87   | cps   |
| Cadmium    | 108-1 | 11689   | 11926   | 11818   | 11811   | 1.01   | cps   |
| Calcium    | 43-1  | 159573  | 156962  | 160164  | 158899  | 1.07   | cps   |
| Calcium    | 44-1  | 2601566 | 2608928 | 2599350 | 2603281 | 0.19   | cps   |
| Chromium   | 52-2  | 77192   | 77426   | 77701   | 77440   | 0.33   | cps   |
| Cobalt     | 59-2  | 162079  | 163578  | 162750  | 162802  | 0.46   | cps   |
| Copper     | 63-2  | 278977  | 276689  | 279169  | 278278  | 0.50   | cps   |
| Dysprosium | 156-1 | 25      | 25      | 17      | 22      | 21.64  | cps   |
| Dysprosium | 156-2 | 0       | 7       | 0       | 2       | 173.21 | cps   |
| Erbium     | 164-1 | 42      | 17      | 25      | 28      | 45.82  | cps   |
| Erbium     | 164-2 | 13      | 10      | 7       | 10      | 33.30  | cps   |
| Gadolinium | 160-1 | 42      | 33      | 50      | 42      | 20.00  | cps   |
| Gadolinium | 160-2 | 10      | 13      | 13      | 12      | 15.73  | cps   |
| Holmium    | 165-1 | 9340681 | 9145220 | 9476067 | 9320656 | 1.78   | cps   |
| Holmium    | 165-2 | 1950493 | 2004840 | 1989341 | 1981558 | 1.41   | cps   |
| Indium     | 115-1 | 7144457 | 7078655 | 7342790 | 7188634 | 1.91   | cps   |
| Indium     | 115-2 | 338416  | 341113  | 339310  | 339613  | 0.40   | cps   |
| Iron       | 56-2  | 2625651 | 2647040 | 2645095 | 2639262 | 0.45   | cps   |
| Iron       | 57-2  | 65169   | 64371   | 65571   | 65037   | 0.94   | cps   |
| Lead       | 206-1 | 530261  | 531017  | 528546  | 529941  | 0.24   | cps   |
| Lead       | 207-1 | 479772  | 480203  | 480264  | 480079  | 0.06   | cps   |
| Lead       | 208-1 | 2157798 | 2163488 | 2152863 | 2158049 | 0.25   | cps   |
| Lithium    | 6-1   | 1354822 | 1313845 | 1369915 | 1346194 | 2.16   | cps   |
| Magnesium  | 24-2  | 301808  | 300189  | 296807  | 299601  | 0.85   | cps   |
| Manganese  | 55-2  | 45892   | 44832   | 44939   | 45221   | 1.29   | cps   |



|                         |                     |                   |            |
|-------------------------|---------------------|-------------------|------------|
| LB Number :             | LB94089             | Operator :        | Jaswal     |
| Lab Sample ID :         | S04                 | Instrumnet Name : | P8         |
| Client Sample ID :      | S04                 | Dilution Factor : | 1          |
| Date & Time Acquired :: | 2018-03-22 12:16:31 | DataFile Name :   | 007CAL.S.d |

| Parameter  | Mass  | CPS1    | CPS2    | CPS3    | CPSMean | CPSRSD | Units |
|------------|-------|---------|---------|---------|---------|--------|-------|
| Molybdenum | 94-1  | 1293549 | 1307382 | 1295093 | 1298675 | 0.58   | cps   |
| Molybdenum | 95-1  | 1620034 | 1656803 | 1616642 | 1631160 | 1.37   | cps   |
| Molybdenum | 96-1  | 1793544 | 1812409 | 1787162 | 1797705 | 0.73   | cps   |
| Molybdenum | 97-1  | 982466  | 995616  | 984414  | 987499  | 0.72   | cps   |
| Molybdenum | 98-1  | 2562081 | 2578527 | 2557565 | 2566058 | 0.43   | cps   |
| Neodymium  | 150-1 | 40      | 67      | 7       | 38      | 79.57  | cps   |
| Neodymium  | 150-2 | 0       | 0       | 0       | 0       | 0.00   | cps   |
| Nickel     | 60-2  | 47702   | 48484   | 47692   | 47959   | 0.95   | cps   |
| Phosphorus | 31-2  | 942     | 875     | 833     | 883     | 6.19   | cps   |
| Potassium  | 39-2  | 87103   | 84388   | 86834   | 86108   | 1.74   | cps   |
| Rhodium    | 103-1 | 6502479 | 6406901 | 6569436 | 6492939 | 1.26   | cps   |
| Rhodium    | 103-2 | 1820491 | 1841019 | 1841105 | 1834205 | 0.65   | cps   |
| Scandium   | 45-1  | 3886698 | 3815243 | 3905506 | 3869149 | 1.23   | cps   |
| Scandium   | 45-2  | 38302   | 38209   | 37978   | 38163   | 0.44   | cps   |
| Selenium   | 77-2  | 67      | 43      | 47      | 52      | 24.17  | cps   |
| Selenium   | 78-2  | 256     | 246     | 237     | 246     | 3.76   | cps   |
| Selenium   | 82-1  | 10133   | 10280   | 10103   | 10172   | 0.93   | cps   |
| Silicon    | 28-1  | 657249  | 660428  | 660363  | 659347  | 0.28   | cps   |
| Silver     | 109-1 | 774868  | 770851  | 773557  | 773092  | 0.26   | cps   |
| Silver     | 107-1 | 813131  | 803236  | 799275  | 805214  | 0.89   | cps   |
| Sodium     | 23-2  | 705548  | 700183  | 697282  | 701004  | 0.60   | cps   |
| Strontium  | 86-1  | 200949  | 203623  | 204815  | 203129  | 0.97   | cps   |
| Strontium  | 88-1  | 1793063 | 1786597 | 1801443 | 1793701 | 0.41   | cps   |
| Sulfur     | 34-1  | 332983  | 331284  | 330455  | 331574  | 0.39   | cps   |
| Terbium    | 159-1 | 9686018 | 9538082 | 9791526 | 9671875 | 1.32   | cps   |
| Terbium    | 159-2 | 1925185 | 1914172 | 1935148 | 1924835 | 0.55   | cps   |
| Thallium   | 203-1 | 642629  | 646509  | 652314  | 647151  | 0.75   | cps   |
| Thallium   | 205-1 | 1557762 | 1556555 | 1561644 | 1558654 | 0.17   | cps   |
| Tin        | 118-1 | 537524  | 539967  | 543988  | 540493  | 0.60   | cps   |
| Titanium   | 47-1  | 395042  | 390877  | 390889  | 392269  | 0.61   | cps   |
| Uranium    | 238-1 | 2086860 | 2141918 | 2103575 | 2110784 | 1.34   | cps   |
| Vanadium   | 51-2  | 58371   | 58726   | 58934   | 58677   | 0.48   | cps   |
| Yttrium    | 89-1  | 7337036 | 7304194 | 7457749 | 7366326 | 1.10   | cps   |
| Yttrium    | 89-2  | 253858  | 258556  | 252854  | 255089  | 1.19   | cps   |
| Zinc       | 66-2  | 25253   | 25337   | 25066   | 25219   | 0.55   | cps   |
| Zirconium  | 90-1  | 1080437 | 1092208 | 1087583 | 1086743 | 0.55   | cps   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB94089             | Operator :        | Jaswal    |
| Lab Sample ID :         | S04                 | Instrumnet Name : | P8        |
| Client Sample ID :      | S04                 | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2018-03-22 12:16:31 | DataFile Name :   | 007CALS.d |

| Parameter | Mass | CPS1   | CPS2   | CPS3   | CPSMean | CPSRSD | Units |
|-----------|------|--------|--------|--------|---------|--------|-------|
| Zirconium | 91-1 | 239912 | 239149 | 241745 | 240268  | 0.56   | cps   |

|                         |                     |                   |            |
|-------------------------|---------------------|-------------------|------------|
| LB Number :             | LB94089             | Operator :        | Jaswal     |
| Lab Sample ID :         | S05                 | Instrumnet Name : | P8         |
| Client Sample ID :      | S05                 | Dilution Factor : | 1          |
| Date & Time Acquired :: | 2018-03-22 12:20:11 | DataFile Name :   | 008CAL.S.d |

| Parameter  | Mass  | CPS1    | CPS2    | CPS3    | CPSMean | CPSRSD | Units |
|------------|-------|---------|---------|---------|---------|--------|-------|
| Aluminium  | 27-2  | 23804   | 24155   | 23746   | 23901   | 0.93   | cps   |
| Antimony   | 121-1 | 1600561 | 1597483 | 1596812 | 1598285 | 0.13   | cps   |
| Arsenic    | 75-2  | 18859   | 18559   | 18668   | 18695   | 0.81   | cps   |
| Barium     | 135-1 | 1732491 | 1720876 | 1709217 | 1720861 | 0.68   | cps   |
| Barium     | 137-1 | 2969972 | 2974713 | 2997955 | 2980880 | 0.50   | cps   |
| Beryllium  | 9-1   | 188885  | 187584  | 185695  | 187388  | 0.86   | cps   |
| Bismuth    | 209-1 | 6299332 | 6279317 | 6303449 | 6294033 | 0.21   | cps   |
| Bismuth    | 209-2 | 1543037 | 1518845 | 1493599 | 1518494 | 1.63   | cps   |
| Boron      | 10-1  | 21659   | 20999   | 22193   | 21617   | 2.77   | cps   |
| Boron      | 11-1  | 101592  | 103975  | 104713  | 103427  | 1.58   | cps   |
| Cadmium    | 111-1 | 330365  | 332546  | 328489  | 330467  | 0.61   | cps   |
| Cadmium    | 106-1 | 35782   | 35690   | 34863   | 35445   | 1.43   | cps   |
| Cadmium    | 108-1 | 23212   | 23613   | 23729   | 23518   | 1.15   | cps   |
| Calcium    | 43-1  | 317094  | 317774  | 314850  | 316573  | 0.48   | cps   |
| Calcium    | 44-1  | 5086574 | 5090393 | 5062624 | 5079864 | 0.30   | cps   |
| Chromium   | 52-2  | 150175  | 151374  | 152267  | 151272  | 0.69   | cps   |
| Cobalt     | 59-2  | 320347  | 319683  | 318316  | 319449  | 0.32   | cps   |
| Copper     | 63-2  | 542167  | 541144  | 537668  | 540326  | 0.44   | cps   |
| Dysprosium | 156-1 | 17      | 33      | 0       | 17      | 99.99  | cps   |
| Dysprosium | 156-2 | 0       | 3       | 0       | 1       | 173.21 | cps   |
| Erbium     | 164-1 | 58      | 33      | 42      | 44      | 28.65  | cps   |
| Erbium     | 164-2 | 3       | 0       | 10      | 4       | 114.60 | cps   |
| Gadolinium | 160-1 | 8       | 33      | 92      | 44      | 96.22  | cps   |
| Gadolinium | 160-2 | 0       | 10      | 3       | 4       | 114.60 | cps   |
| Holmium    | 165-1 | 9632056 | 9562703 | 9524463 | 9573074 | 0.57   | cps   |
| Holmium    | 165-2 | 1981816 | 1944741 | 1926694 | 1951084 | 1.44   | cps   |
| Indium     | 115-1 | 7207430 | 7158546 | 7195755 | 7187243 | 0.36   | cps   |
| Indium     | 115-2 | 333421  | 327519  | 321478  | 327473  | 1.82   | cps   |
| Iron       | 56-2  | 5081574 | 5041785 | 5021574 | 5048311 | 0.60   | cps   |
| Iron       | 57-2  | 127841  | 125168  | 126878  | 126629  | 1.07   | cps   |
| Lead       | 206-1 | 1069300 | 1073731 | 1084268 | 1075766 | 0.71   | cps   |
| Lead       | 207-1 | 976041  | 981618  | 979491  | 979050  | 0.29   | cps   |
| Lead       | 208-1 | 4443353 | 4441258 | 4440820 | 4441810 | 0.03   | cps   |
| Lithium    | 6-1   | 1322685 | 1329006 | 1333740 | 1328477 | 0.42   | cps   |
| Magnesium  | 24-2  | 578521  | 581352  | 582071  | 580648  | 0.32   | cps   |
| Manganese  | 55-2  | 87753   | 87401   | 88354   | 87836   | 0.55   | cps   |

|                         |                     |                   |            |
|-------------------------|---------------------|-------------------|------------|
| LB Number :             | LB94089             | Operator :        | Jaswal     |
| Lab Sample ID :         | S05                 | Instrumnet Name : | P8         |
| Client Sample ID :      | S05                 | Dilution Factor : | 1          |
| Date & Time Acquired :: | 2018-03-22 12:20:11 | DataFile Name :   | 008CAL.S.d |

| Parameter  | Mass  | CPS1    | CPS2    | CPS3    | CPSMean | CPSRSD | Units |
|------------|-------|---------|---------|---------|---------|--------|-------|
| Molybdenum | 94-1  | 2668851 | 2639417 | 2644000 | 2650756 | 0.60   | cps   |
| Molybdenum | 95-1  | 3222209 | 3251738 | 3259598 | 3244515 | 0.61   | cps   |
| Molybdenum | 96-1  | 3591214 | 3615312 | 3573909 | 3593478 | 0.58   | cps   |
| Molybdenum | 97-1  | 2011057 | 2002114 | 2034202 | 2015791 | 0.82   | cps   |
| Molybdenum | 98-1  | 5099755 | 5128313 | 5142191 | 5123420 | 0.42   | cps   |
| Neodymium  | 150-1 | 53      | 80      | 93      | 76      | 26.95  | cps   |
| Neodymium  | 150-2 | 3       | 0       | 3       | 2       | 86.60  | cps   |
| Nickel     | 60-2  | 91126   | 91941   | 91981   | 91683   | 0.53   | cps   |
| Phosphorus | 31-2  | 1775    | 1667    | 1609    | 1684    | 5.02   | cps   |
| Potassium  | 39-2  | 163076  | 165159  | 162123  | 163452  | 0.95   | cps   |
| Rhodium    | 103-1 | 6598952 | 6500678 | 6489995 | 6529875 | 0.92   | cps   |
| Rhodium    | 103-2 | 1836309 | 1796332 | 1767262 | 1799968 | 1.93   | cps   |
| Scandium   | 45-1  | 3893491 | 3868847 | 3788240 | 3850192 | 1.43   | cps   |
| Scandium   | 45-2  | 37530   | 37166   | 36772   | 37156   | 1.02   | cps   |
| Selenium   | 77-2  | 157     | 107     | 130     | 131     | 19.08  | cps   |
| Selenium   | 78-2  | 406     | 385     | 454     | 415     | 8.48   | cps   |
| Selenium   | 82-1  | 20129   | 19757   | 20162   | 20016   | 1.12   | cps   |
| Silicon    | 28-1  | 955936  | 952400  | 963093  | 957143  | 0.57   | cps   |
| Silver     | 109-1 | 1557146 | 1567933 | 1548872 | 1557984 | 0.61   | cps   |
| Silver     | 107-1 | 1649516 | 1631887 | 1637308 | 1639570 | 0.55   | cps   |
| Sodium     | 23-2  | 1373068 | 1362501 | 1356255 | 1363941 | 0.62   | cps   |
| Strontium  | 86-1  | 406242  | 411385  | 408915  | 408847  | 0.63   | cps   |
| Strontium  | 88-1  | 3560064 | 3578993 | 3586023 | 3575027 | 0.38   | cps   |
| Sulfur     | 34-1  | 363850  | 359739  | 361119  | 361569  | 0.58   | cps   |
| Terbium    | 159-1 | 9932360 | 9856384 | 9864580 | 9884441 | 0.42   | cps   |
| Terbium    | 159-2 | 1948947 | 1904517 | 1861876 | 1905113 | 2.29   | cps   |
| Thallium   | 203-1 | 1334271 | 1325623 | 1340850 | 1333581 | 0.57   | cps   |
| Thallium   | 205-1 | 3225688 | 3197169 | 3293233 | 3238696 | 1.52   | cps   |
| Tin        | 118-1 | 1086777 | 1089928 | 1090078 | 1088928 | 0.17   | cps   |
| Titanium   | 47-1  | 779617  | 778904  | 771099  | 776540  | 0.61   | cps   |
| Uranium    | 238-1 | 4278047 | 4302472 | 4236494 | 4272338 | 0.78   | cps   |
| Vanadium   | 51-2  | 114379  | 116288  | 115198  | 115288  | 0.83   | cps   |
| Yttrium    | 89-1  | 7445469 | 7415184 | 7428074 | 7429576 | 0.20   | cps   |
| Yttrium    | 89-2  | 252961  | 248025  | 242985  | 247991  | 2.01   | cps   |
| Zinc       | 66-2  | 49003   | 48926   | 49040   | 48990   | 0.12   | cps   |
| Zirconium  | 90-1  | 2238282 | 2206842 | 2211474 | 2218866 | 0.76   | cps   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB94089             | Operator :        | Jaswal    |
| Lab Sample ID :         | S05                 | Instrumnet Name : | P8        |
| Client Sample ID :      | S05                 | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2018-03-22 12:20:11 | DataFile Name :   | 008CALS.d |

| Parameter | Mass | CPS1   | CPS2   | CPS3   | CPSMean | CPSRSD | Units |
|-----------|------|--------|--------|--------|---------|--------|-------|
| Zirconium | 91-1 | 478650 | 481351 | 482072 | 480691  | 0.38   | cps   |

|                         |                     |                   |            |
|-------------------------|---------------------|-------------------|------------|
| LB Number :             | LB94089             | Operator :        | Jaswal     |
| Lab Sample ID :         | S06                 | Instrumnet Name : | P8         |
| Client Sample ID :      | S06                 | Dilution Factor : | 1          |
| Date & Time Acquired :: | 2018-03-22 12:23:42 | DataFile Name :   | 009CAL.S.d |

| Parameter  | Mass  | CPS1     | CPS2    | CPS3    | CPSMean | CPSRSD | Units |
|------------|-------|----------|---------|---------|---------|--------|-------|
| Aluminium  | 27-2  | 43928    | 45624   | 44212   | 44588   | 2.04   | cps   |
| Antimony   | 121-1 | 3204773  | 3190819 | 3194088 | 3196560 | 0.23   | cps   |
| Arsenic    | 75-2  | 35776    | 35531   | 35763   | 35690   | 0.39   | cps   |
| Barium     | 135-1 | 3425699  | 3412692 | 3418369 | 3418920 | 0.19   | cps   |
| Barium     | 137-1 | 5931342  | 5887234 | 5857653 | 5892076 | 0.63   | cps   |
| Beryllium  | 9-1   | 364453   | 359073  | 356879  | 360135  | 1.08   | cps   |
| Bismuth    | 209-1 | 6412280  | 6382104 | 6465975 | 6420119 | 0.66   | cps   |
| Bismuth    | 209-2 | 1494321  | 1483040 | 1468752 | 1482037 | 0.86   | cps   |
| Boron      | 10-1  | 42881    | 42949   | 43592   | 43141   | 0.91   | cps   |
| Boron      | 11-1  | 198329   | 203750  | 204969  | 202349  | 1.75   | cps   |
| Cadmium    | 111-1 | 655256   | 656518  | 648793  | 653522  | 0.63   | cps   |
| Cadmium    | 106-1 | 70208    | 68718   | 68751   | 69225   | 1.23   | cps   |
| Cadmium    | 108-1 | 46451    | 47107   | 45719   | 46426   | 1.50   | cps   |
| Calcium    | 43-1  | 616669   | 612640  | 612714  | 614008  | 0.38   | cps   |
| Calcium    | 44-1  | 10002227 | 9862794 | 9859512 | 9908178 | 0.82   | cps   |
| Chromium   | 52-2  | 283241   | 281555  | 280325  | 281707  | 0.52   | cps   |
| Cobalt     | 59-2  | 611009   | 607169  | 602949  | 607042  | 0.66   | cps   |
| Copper     | 63-2  | 1024653  | 1025344 | 1025229 | 1025075 | 0.04   | cps   |
| Dysprosium | 156-1 | 42       | 50      | 42      | 44      | 10.82  | cps   |
| Dysprosium | 156-2 | 0        | 10      | 13      | 8       | 89.21  | cps   |
| Erbium     | 164-1 | 58       | 67      | 50      | 58      | 14.29  | cps   |
| Erbium     | 164-2 | 10       | 13      | 20      | 14      | 35.26  | cps   |
| Gadolinium | 160-1 | 75       | 25      | 58      | 53      | 48.24  | cps   |
| Gadolinium | 160-2 | 17       | 3       | 13      | 11      | 62.48  | cps   |
| Holmium    | 165-1 | 9693224  | 9583306 | 9681374 | 9652635 | 0.63   | cps   |
| Holmium    | 165-2 | 1913078  | 1910845 | 1896284 | 1906736 | 0.48   | cps   |
| Indium     | 115-1 | 7157974  | 7102409 | 6994733 | 7085039 | 1.17   | cps   |
| Indium     | 115-2 | 311229   | 306293  | 302763  | 306762  | 1.39   | cps   |
| Iron       | 56-2  | 9522102  | 9552279 | 9483836 | 9519406 | 0.36   | cps   |
| Iron       | 57-2  | 238528   | 240818  | 240083  | 239809  | 0.49   | cps   |
| Lead       | 206-1 | 2251443  | 2251001 | 2246060 | 2249501 | 0.13   | cps   |
| Lead       | 207-1 | 2029599  | 2036815 | 2055945 | 2040786 | 0.67   | cps   |
| Lead       | 208-1 | 9119157  | 9135309 | 9172563 | 9142343 | 0.30   | cps   |
| Lithium    | 6-1   | 1332335  | 1297233 | 1314079 | 1314549 | 1.34   | cps   |
| Magnesium  | 24-2  | 1083093  | 1074073 | 1064655 | 1073941 | 0.86   | cps   |
| Manganese  | 55-2  | 164179   | 166539  | 163976  | 164898  | 0.86   | cps   |

|                         |                     |                   |            |
|-------------------------|---------------------|-------------------|------------|
| LB Number :             | LB94089             | Operator :        | Jaswal     |
| Lab Sample ID :         | S06                 | Instrumnet Name : | P8         |
| Client Sample ID :      | S06                 | Dilution Factor : | 1          |
| Date & Time Acquired :: | 2018-03-22 12:23:42 | DataFile Name :   | 009CAL.S.d |

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|------------|-------|----------|----------|----------|----------|--------|-------|
| Molybdenum | 94-1  | 5197029  | 5223899  | 5206311  | 5209079  | 0.26   | cps   |
| Molybdenum | 95-1  | 6334250  | 6358798  | 6366066  | 6353038  | 0.26   | cps   |
| Molybdenum | 96-1  | 7074435  | 7023194  | 6967001  | 7021543  | 0.77   | cps   |
| Molybdenum | 97-1  | 3939901  | 3980815  | 3951406  | 3957374  | 0.53   | cps   |
| Molybdenum | 98-1  | 10130243 | 10064818 | 10066159 | 10087073 | 0.37   | cps   |
| Neodymium  | 150-1 | 107      | 93       | 120      | 107      | 12.50  | cps   |
| Neodymium  | 150-2 | 7        | 0        | 7        | 4        | 86.60  | cps   |
| Nickel     | 60-2  | 174140   | 174508   | 172813   | 173821   | 0.51   | cps   |
| Phosphorus | 31-2  | 3134     | 3076     | 3284     | 3164     | 3.40   | cps   |
| Potassium  | 39-2  | 292566   | 294015   | 293356   | 293312   | 0.25   | cps   |
| Rhodium    | 103-1 | 6393370  | 6347850  | 6296277  | 6345832  | 0.77   | cps   |
| Rhodium    | 103-2 | 1754825  | 1704427  | 1699819  | 1719690  | 1.77   | cps   |
| Scandium   | 45-1  | 3735199  | 3691873  | 3698078  | 3708384  | 0.63   | cps   |
| Scandium   | 45-2  | 35014    | 34376    | 33995    | 34461    | 1.49   | cps   |
| Selenium   | 77-2  | 243      | 240      | 270      | 251      | 6.55   | cps   |
| Selenium   | 78-2  | 830      | 828      | 859      | 839      | 2.11   | cps   |
| Selenium   | 82-1  | 39539    | 39660    | 39079    | 39426    | 0.78   | cps   |
| Silicon    | 28-1  | 1338945  | 1334155  | 1320420  | 1331174  | 0.72   | cps   |
| Silver     | 109-1 | 3078233  | 3127994  | 3090527  | 3098918  | 0.84   | cps   |
| Silver     | 107-1 | 3214914  | 3186287  | 3201676  | 3200959  | 0.45   | cps   |
| Sodium     | 23-2  | 2540972  | 2506468  | 2500523  | 2515988  | 0.87   | cps   |
| Strontium  | 86-1  | 812898   | 811599   | 806880   | 810459   | 0.39   | cps   |
| Strontium  | 88-1  | 6949242  | 6999564  | 6987139  | 6978648  | 0.38   | cps   |
| Sulfur     | 34-1  | 434456   | 435416   | 434579   | 434817   | 0.12   | cps   |
| Terbium    | 159-1 | 10104895 | 9876826  | 9944299  | 9975340  | 1.17   | cps   |
| Terbium    | 159-2 | 1873937  | 1864251  | 1809978  | 1849388  | 1.86   | cps   |
| Thallium   | 203-1 | 2773428  | 2755362  | 2802876  | 2777222  | 0.86   | cps   |
| Thallium   | 205-1 | 6471821  | 6485812  | 6502249  | 6486628  | 0.23   | cps   |
| Tin        | 118-1 | 2188839  | 2194838  | 2199101  | 2194259  | 0.23   | cps   |
| Titanium   | 47-1  | 1549569  | 1549055  | 1495647  | 1531424  | 2.02   | cps   |
| Uranium    | 238-1 | 8888938  | 8882992  | 8889330  | 8887087  | 0.04   | cps   |
| Vanadium   | 51-2  | 217383   | 215708   | 215054   | 216048   | 0.56   | cps   |
| Yttrium    | 89-1  | 7358614  | 7220235  | 7255053  | 7277967  | 0.99   | cps   |
| Yttrium    | 89-2  | 236796   | 234646   | 231261   | 234234   | 1.19   | cps   |
| Zinc       | 66-2  | 94999    | 95355    | 94221    | 94858    | 0.61   | cps   |
| Zirconium  | 90-1  | 4411053  | 4336081  | 4334071  | 4360402  | 1.01   | cps   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB94089             | Operator :        | Jaswal    |
| Lab Sample ID :         | S06                 | Instrumnet Name : | P8        |
| Client Sample ID :      | S06                 | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2018-03-22 12:23:42 | DataFile Name :   | 009CALS.d |

| Parameter | Mass | CPS1   | CPS2   | CPS3   | CPSMean | CPSRSD | Units |
|-----------|------|--------|--------|--------|---------|--------|-------|
| Zirconium | 91-1 | 963759 | 952906 | 952311 | 956325  | 0.67   | cps   |



|                         |                     |                   |            |
|-------------------------|---------------------|-------------------|------------|
| LB Number :             | LB94089             | Operator :        | Jaswal     |
| Lab Sample ID :         | S07                 | Instrumnet Name : | P8         |
| Client Sample ID :      | S07                 | Dilution Factor : | 1          |
| Date & Time Acquired :: | 2018-03-22 12:27:14 | DataFile Name :   | 010CAL.S.d |

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|------------|-------|----------|----------|----------|----------|--------|-------|
| Aluminium  | 27-2  | 87645    | 88442    | 86657    | 87581    | 1.02   | cps   |
| Antimony   | 121-1 | 6336579  | 6279677  | 6316388  | 6310881  | 0.46   | cps   |
| Arsenic    | 75-2  | 69784    | 70547    | 70527    | 70286    | 0.62   | cps   |
| Barium     | 135-1 | 6785164  | 6798605  | 6746732  | 6776834  | 0.40   | cps   |
| Barium     | 137-1 | 11813191 | 11629643 | 11666862 | 11703232 | 0.83   | cps   |
| Beryllium  | 9-1   | 698144   | 689337   | 691307   | 692929   | 0.67   | cps   |
| Bismuth    | 209-1 | 6478257  | 6473687  | 6557989  | 6503311  | 0.73   | cps   |
| Bismuth    | 209-2 | 1458021  | 1487886  | 1482668  | 1476192  | 1.08   | cps   |
| Boron      | 10-1  | 81280    | 83442    | 84834    | 83185    | 2.15   | cps   |
| Boron      | 11-1  | 386333   | 396961   | 405757   | 396350   | 2.45   | cps   |
| Cadmium    | 111-1 | 1285758  | 1290161  | 1287931  | 1287950  | 0.17   | cps   |
| Cadmium    | 106-1 | 133370   | 135745   | 132960   | 134025   | 1.12   | cps   |
| Cadmium    | 108-1 | 92020    | 91445    | 92150    | 91871    | 0.41   | cps   |
| Calcium    | 43-1  | 1189302  | 1189888  | 1209520  | 1196237  | 0.96   | cps   |
| Calcium    | 44-1  | 19238806 | 19124498 | 19356144 | 19239816 | 0.60   | cps   |
| Chromium   | 52-2  | 550461   | 551811   | 551106   | 551126   | 0.12   | cps   |
| Cobalt     | 59-2  | 1172693  | 1182215  | 1179224  | 1178044  | 0.41   | cps   |
| Copper     | 63-2  | 2011074  | 2029508  | 2010291  | 2016958  | 0.54   | cps   |
| Dysprosium | 156-1 | 100      | 83       | 58       | 81       | 26.03  | cps   |
| Dysprosium | 156-2 | 7        | 3        | 10       | 7        | 50.03  | cps   |
| Erbium     | 164-1 | 42       | 50       | 75       | 56       | 31.22  | cps   |
| Erbium     | 164-2 | 10       | 0        | 7        | 6        | 91.64  | cps   |
| Gadolinium | 160-1 | 67       | 58       | 33       | 53       | 32.88  | cps   |
| Gadolinium | 160-2 | 17       | 3        | 3        | 8        | 99.04  | cps   |
| Holmium    | 165-1 | 9891911  | 9773003  | 9832725  | 9832546  | 0.60   | cps   |
| Holmium    | 165-2 | 1889020  | 1923980  | 1940749  | 1917916  | 1.38   | cps   |
| Indium     | 115-1 | 7010447  | 6948226  | 6945793  | 6968155  | 0.53   | cps   |
| Indium     | 115-2 | 296801   | 305578   | 307489   | 303289   | 1.88   | cps   |
| Iron       | 56-2  | 18650805 | 18543982 | 18800725 | 18665171 | 0.69   | cps   |
| Iron       | 57-2  | 465420   | 471670   | 468413   | 468501   | 0.67   | cps   |
| Lead       | 206-1 | 4539160  | 4529609  | 4572481  | 4547083  | 0.49   | cps   |
| Lead       | 207-1 | 4164656  | 4111650  | 4194394  | 4156900  | 1.01   | cps   |
| Lead       | 208-1 | 18371679 | 18326316 | 18593207 | 18430401 | 0.77   | cps   |
| Lithium    | 6-1   | 1282879  | 1295690  | 1285852  | 1288140  | 0.52   | cps   |
| Magnesium  | 24-2  | 2082306  | 2087927  | 2087138  | 2085790  | 0.15   | cps   |
| Manganese  | 55-2  | 321249   | 323686   | 324421   | 323119   | 0.51   | cps   |

|                         |                     |                   |            |
|-------------------------|---------------------|-------------------|------------|
| LB Number :             | LB94089             | Operator :        | Jaswal     |
| Lab Sample ID :         | S07                 | Instrumnet Name : | P8         |
| Client Sample ID :      | S07                 | Dilution Factor : | 1          |
| Date & Time Acquired :: | 2018-03-22 12:27:14 | DataFile Name :   | 010CAL.S.d |

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|------------|-------|----------|----------|----------|----------|--------|-------|
| Molybdenum | 94-1  | 10089382 | 10254447 | 10286866 | 10210232 | 1.04   | cps   |
| Molybdenum | 95-1  | 12523114 | 12558292 | 12551935 | 12544447 | 0.15   | cps   |
| Molybdenum | 96-1  | 13884312 | 13921764 | 13906329 | 13904135 | 0.14   | cps   |
| Molybdenum | 97-1  | 7733598  | 7744059  | 7708662  | 7728773  | 0.24   | cps   |
| Molybdenum | 98-1  | 19803946 | 20177206 | 19881947 | 19954366 | 0.99   | cps   |
| Neodymium  | 150-1 | 273      | 207      | 273      | 251      | 15.33  | cps   |
| Neodymium  | 150-2 | 3        | 3        | 3        | 3        | 0.00   | cps   |
| Nickel     | 60-2  | 335046   | 336854   | 335182   | 335694   | 0.30   | cps   |
| Phosphorus | 31-2  | 6027     | 5710     | 6210     | 5982     | 4.23   | cps   |
| Potassium  | 39-2  | 572076   | 576707   | 570280   | 573021   | 0.58   | cps   |
| Rhodium    | 103-1 | 6227936  | 6212674  | 6189070  | 6209893  | 0.32   | cps   |
| Rhodium    | 103-2 | 1697115  | 1719489  | 1709687  | 1708764  | 0.66   | cps   |
| Scandium   | 45-1  | 3605196  | 3640520  | 3642754  | 3629490  | 0.58   | cps   |
| Scandium   | 45-2  | 33373    | 33874    | 33928    | 33725    | 0.91   | cps   |
| Selenium   | 77-2  | 363      | 443      | 507      | 438      | 16.41  | cps   |
| Selenium   | 78-2  | 1515     | 1626     | 1682     | 1608     | 5.28   | cps   |
| Selenium   | 82-1  | 76213    | 76695    | 76871    | 76593    | 0.44   | cps   |
| Silicon    | 28-1  | 2157183  | 2162593  | 2147701  | 2155826  | 0.35   | cps   |
| Silver     | 109-1 | 6021405  | 5958030  | 5978068  | 5985834  | 0.54   | cps   |
| Silver     | 107-1 | 6168092  | 6234558  | 6236041  | 6212897  | 0.62   | cps   |
| Sodium     | 23-2  | 4810284  | 4819391  | 4800905  | 4810193  | 0.19   | cps   |
| Strontium  | 86-1  | 1600504  | 1613423  | 1607449  | 1607126  | 0.40   | cps   |
| Strontium  | 88-1  | 13775135 | 13929692 | 13847044 | 13850623 | 0.56   | cps   |
| Sulfur     | 34-1  | 575327   | 570064   | 578517   | 574636   | 0.74   | cps   |
| Terbium    | 159-1 | 10134555 | 10060109 | 10123499 | 10106054 | 0.40   | cps   |
| Terbium    | 159-2 | 1862105  | 1893013  | 1853135  | 1869417  | 1.12   | cps   |
| Thallium   | 203-1 | 5583925  | 5544099  | 5548228  | 5558751  | 0.39   | cps   |
| Thallium   | 205-1 | 13122304 | 13137590 | 13246350 | 13168748 | 0.51   | cps   |
| Tin        | 118-1 | 4381398  | 4375200  | 4319595  | 4358731  | 0.78   | cps   |
| Titanium   | 47-1  | 2930107  | 2923714  | 2972177  | 2941999  | 0.89   | cps   |
| Uranium    | 238-1 | 18245703 | 18265424 | 18477297 | 18329475 | 0.70   | cps   |
| Vanadium   | 51-2  | 423296   | 424878   | 423463   | 423879   | 0.20   | cps   |
| Yttrium    | 89-1  | 7250046  | 7205465  | 7172469  | 7209326  | 0.54   | cps   |
| Yttrium    | 89-2  | 229395   | 236897   | 235381   | 233891   | 1.70   | cps   |
| Zinc       | 66-2  | 182594   | 182928   | 183388   | 182970   | 0.22   | cps   |
| Zirconium  | 90-1  | 8562976  | 8481402  | 8464243  | 8502874  | 0.62   | cps   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB94089             | Operator :        | Jaswal    |
| Lab Sample ID :         | S07                 | Instrumnet Name : | P8        |
| Client Sample ID :      | S07                 | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2018-03-22 12:27:14 | DataFile Name :   | 010CALS.d |

| Parameter | Mass | CPS1    | CPS2    | CPS3    | CPSMean | CPSRSD | Units |
|-----------|------|---------|---------|---------|---------|--------|-------|
| Zirconium | 91-1 | 1905473 | 1920002 | 1920941 | 1915472 | 0.45   | cps   |

|                         |                     |                   |            |
|-------------------------|---------------------|-------------------|------------|
| LB Number :             | LB94089             | Operator :        | Jaswal     |
| Lab Sample ID :         | S08                 | Instrumnet Name : | P8         |
| Client Sample ID :      | S08                 | Dilution Factor : | 1          |
| Date & Time Acquired :: | 2018-03-22 12:30:38 | DataFile Name :   | 011CAL.S.d |

| Parameter  | Mass  | CPS1      | CPS2      | CPS3      | CPSMean   | CPSRSD | Units |
|------------|-------|-----------|-----------|-----------|-----------|--------|-------|
| Aluminium  | 27-2  | 472303    | 475998    | 477723    | 475341    | 0.58   | cps   |
| Antimony   | 121-1 | 20742     | 21785     | 23480     | 22002     | 6.28   | cps   |
| Arsenic    | 75-2  | 107       | 124       | 120       | 117       | 7.46   | cps   |
| Barium     | 135-1 | 2309      | 2125      | 2234      | 2223      | 4.15   | cps   |
| Barium     | 137-1 | 3701      | 3934      | 3951      | 3862      | 3.62   | cps   |
| Beryllium  | 9-1   | 611       | 433       | 483       | 509       | 18.00  | cps   |
| Bismuth    | 209-1 | 6179002   | 6239762   | 6179422   | 6199396   | 0.56   | cps   |
| Bismuth    | 209-2 | 1424894   | 1439213   | 1423258   | 1429122   | 0.61   | cps   |
| Boron      | 10-1  | 4568      | 3684      | 3459      | 3903      | 15.01  | cps   |
| Boron      | 11-1  | 20691     | 18813     | 17720     | 19074     | 7.88   | cps   |
| Cadmium    | 111-1 | 1149      | 1287      | 1288      | 1241      | 6.44   | cps   |
| Cadmium    | 106-1 | 1250      | 1417      | 1350      | 1339      | 6.27   | cps   |
| Cadmium    | 108-1 | 38        | 54        | 17        | 36        | 52.03  | cps   |
| Calcium    | 43-1  | 6396199   | 6359509   | 6398490   | 6384732   | 0.34   | cps   |
| Calcium    | 44-1  | 104410252 | 103956200 | 103483404 | 103949952 | 0.45   | cps   |
| Chromium   | 52-2  | 25794     | 25517     | 26288     | 25866     | 1.51   | cps   |
| Cobalt     | 59-2  | 15105     | 15212     | 16160     | 15492     | 3.75   | cps   |
| Copper     | 63-2  | 4571      | 4384      | 4704      | 4553      | 3.53   | cps   |
| Dysprosium | 156-1 | 108       | 117       | 75        | 100       | 22.05  | cps   |
| Dysprosium | 156-2 | 3         | 10        | 13        | 9         | 57.30  | cps   |
| Erbium     | 164-1 | 42        | 42        | 42        | 42        | 0.00   | cps   |
| Erbium     | 164-2 | 10        | 10        | 10        | 10        | 0.00   | cps   |
| Gadolinium | 160-1 | 75        | 33        | 108       | 72        | 52.04  | cps   |
| Gadolinium | 160-2 | 23        | 13        | 13        | 17        | 34.65  | cps   |
| Holmium    | 165-1 | 9716207   | 10054607  | 9802457   | 9857757   | 1.78   | cps   |
| Holmium    | 165-2 | 1958996   | 1988505   | 1939168   | 1962223   | 1.27   | cps   |
| Indium     | 115-1 | 6930371   | 7098305   | 6954753   | 6994477   | 1.30   | cps   |
| Indium     | 115-2 | 310208    | 314702    | 311758    | 312223    | 0.73   | cps   |
| Iron       | 56-2  | 96295949  | 97449472  | 97956652  | 97234024  | 0.88   | cps   |
| Iron       | 57-2  | 2440972   | 2442645   | 2472135   | 2451917   | 0.71   | cps   |
| Lead       | 206-1 | 8898      | 8431      | 8748      | 8692      | 2.74   | cps   |
| Lead       | 207-1 | 7247      | 7002      | 7541      | 7263      | 3.72   | cps   |
| Lead       | 208-1 | 33846     | 33708     | 34285     | 33946     | 0.89   | cps   |
| Lithium    | 6-1   | 1294279   | 1340111   | 1305465   | 1313285   | 1.82   | cps   |
| Magnesium  | 24-2  | 10927599  | 10979258  | 10941106  | 10949321  | 0.24   | cps   |
| Manganese  | 55-2  | 1577      | 1697      | 1673      | 1649      | 3.86   | cps   |

|                         |                     |                   |            |
|-------------------------|---------------------|-------------------|------------|
| LB Number :             | LB94089             | Operator :        | Jaswal     |
| Lab Sample ID :         | S08                 | Instrumnet Name : | P8         |
| Client Sample ID :      | S08                 | Dilution Factor : | 1          |
| Date & Time Acquired :: | 2018-03-22 12:30:38 | DataFile Name :   | 011CAL.S.d |

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|------------|-------|----------|----------|----------|----------|--------|-------|
| Molybdenum | 94-1  | 14450    | 14633    | 15042    | 14708    | 2.06   | cps   |
| Molybdenum | 95-1  | 22578    | 23721    | 24757    | 23685    | 4.60   | cps   |
| Molybdenum | 96-1  | 25500    | 25767    | 27671    | 26313    | 4.50   | cps   |
| Molybdenum | 97-1  | 14150    | 15076    | 15910    | 15045    | 5.85   | cps   |
| Molybdenum | 98-1  | 35464    | 37812    | 38982    | 37419    | 4.79   | cps   |
| Neodymium  | 150-1 | 67       | 100      | 60       | 76       | 28.36  | cps   |
| Neodymium  | 150-2 | 10       | 27       | 7        | 14       | 74.18  | cps   |
| Nickel     | 60-2  | 12970    | 12709    | 13113    | 12931    | 1.58   | cps   |
| Phosphorus | 31-2  | 0        | 8        | 0        | 3        | 173.21 | cps   |
| Potassium  | 39-2  | 3047581  | 3093915  | 3096739  | 3079412  | 0.90   | cps   |
| Rhodium    | 103-1 | 6080694  | 6218423  | 6036069  | 6111728  | 1.56   | cps   |
| Rhodium    | 103-2 | 1682367  | 1711178  | 1678116  | 1690554  | 1.06   | cps   |
| Scandium   | 45-1  | 3741127  | 3884918  | 3769079  | 3798375  | 2.01   | cps   |
| Scandium   | 45-2  | 35291    | 35512    | 34499    | 35101    | 1.52   | cps   |
| Selenium   | 77-2  | 0        | 3        | 0        | 1        | 173.21 | cps   |
| Selenium   | 78-2  | 0        | 4        | 6        | 3        | 91.69  | cps   |
| Selenium   | 82-1  | 125      | 47       | 152      | 108      | 50.47  | cps   |
| Silicon    | 28-1  | 377747   | 380198   | 378304   | 378750   | 0.34   | cps   |
| Silver     | 109-1 | 667      | 583      | 808      | 686      | 16.58  | cps   |
| Silver     | 107-1 | 800      | 775      | 742      | 772      | 3.79   | cps   |
| Sodium     | 23-2  | 25882802 | 26001607 | 26122813 | 26002408 | 0.46   | cps   |
| Strontium  | 86-1  | 55873    | 55673    | 55849    | 55798    | 0.20   | cps   |
| Strontium  | 88-1  | 487675   | 482265   | 481688   | 483876   | 0.68   | cps   |
| Sulfur     | 34-1  | 257235   | 262427   | 266244   | 261969   | 1.73   | cps   |
| Terbium    | 159-1 | 10064775 | 10260559 | 10116015 | 10147117 | 1.00   | cps   |
| Terbium    | 159-2 | 1909849  | 1940218  | 1903613  | 1917893  | 1.02   | cps   |
| Thallium   | 203-1 | 3467     | 2725     | 2742     | 2978     | 14.22  | cps   |
| Thallium   | 205-1 | 7244     | 7102     | 6886     | 7077     | 2.55   | cps   |
| Tin        | 118-1 | 7736     | 7719     | 7778     | 7744     | 0.39   | cps   |
| Titanium   | 47-1  | 967      | 942      | 1050     | 986      | 5.75   | cps   |
| Uranium    | 238-1 | 1634     | 1750     | 1684     | 1689     | 3.47   | cps   |
| Vanadium   | 51-2  | 173      | 130      | 157      | 153      | 14.26  | cps   |
| Yttrium    | 89-1  | 7249900  | 7465488  | 7355767  | 7357051  | 1.47   | cps   |
| Yttrium    | 89-2  | 241626   | 242668   | 240736   | 241677   | 0.40   | cps   |
| Zinc       | 66-2  | 1193     | 1173     | 1317     | 1228     | 6.32   | cps   |
| Zirconium  | 90-1  | 2542     | 2392     | 2400     | 2445     | 3.45   | cps   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB94089             | Operator :        | Jaswal    |
| Lab Sample ID :         | S08                 | Instrumnet Name : | P8        |
| Client Sample ID :      | S08                 | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2018-03-22 12:30:38 | DataFile Name :   | 011CALS.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|-----------|------|------|------|------|---------|--------|-------|
| Zirconium | 91-1 | 550  | 600  | 525  | 558     | 6.84   | cps   |

LB Number : LB94089 Operator : Jaswal  
 Lab Sample ID : ICV Instrumnet Name : P8  
 Client Sample ID : ICV Dilution Factor : 1  
 Date & Time Acquired :: 2018-03-22 12:36:39 DataFile Name : 012ICV.d

| Parameter  | Mass  | CPS1    | CPS2    | CPS3    | CPSMean | CPSRSD | Units |
|------------|-------|---------|---------|---------|---------|--------|-------|
| Aluminium  | 27-2  | 2550    | 2767    | 2492    | 2603    | 5.57   | cps   |
| Antimony   | 121-1 | 1249343 | 1268918 | 1273141 | 1263801 | 1.00   | cps   |
| Arsenic    | 75-2  | 15338   | 15231   | 15023   | 15197   | 1.05   | cps   |
| Barium     | 135-1 | 137726  | 137628  | 137862  | 137738  | 0.09   | cps   |
| Barium     | 137-1 | 238158  | 244342  | 239340  | 240613  | 1.36   | cps   |
| Beryllium  | 9-1   | 75849   | 75526   | 76340   | 75905   | 0.54   | cps   |
| Bismuth    | 209-1 | 6757518 | 6605221 | 6566868 | 6643202 | 1.52   | cps   |
| Bismuth    | 209-2 | 1565061 | 1614899 | 1598187 | 1592716 | 1.59   | cps   |
| Boron      | 10-1  | 40525   | 41143   | 43650   | 41773   | 3.96   | cps   |
| Boron      | 11-1  | 189156  | 198058  | 202322  | 196512  | 3.42   | cps   |
| Cadmium    | 111-1 | 135866  | 139209  | 137555  | 137543  | 1.22   | cps   |
| Cadmium    | 106-1 | 22086   | 23020   | 22453   | 22520   | 2.09   | cps   |
| Cadmium    | 108-1 | 12189   | 12268   | 12206   | 12221   | 0.34   | cps   |
| Calcium    | 43-1  | 27553   | 28555   | 27411   | 27840   | 2.24   | cps   |
| Calcium    | 44-1  | 440269  | 448753  | 449098  | 446040  | 1.12   | cps   |
| Chromium   | 52-2  | 59549   | 59697   | 58732   | 59326   | 0.88   | cps   |
| Cobalt     | 59-2  | 128529  | 131765  | 129482  | 129925  | 1.28   | cps   |
| Copper     | 63-2  | 109140  | 111499  | 109397  | 110012  | 1.18   | cps   |
| Dysprosium | 156-1 | 25      | 0       | 33      | 19      | 89.21  | cps   |
| Dysprosium | 156-2 | 3       | 0       | 0       | 1       | 173.21 | cps   |
| Erbium     | 164-1 | 75      | 100     | 33      | 69      | 48.50  | cps   |
| Erbium     | 164-2 | 17      | 17      | 3       | 12      | 63.01  | cps   |
| Gadolinium | 160-1 | 50      | 25      | 25      | 33      | 43.30  | cps   |
| Gadolinium | 160-2 | 3       | 0       | 13      | 6       | 124.93 | cps   |
| Holmium    | 165-1 | 9937929 | 9876429 | 9623164 | 9812507 | 1.70   | cps   |
| Holmium    | 165-2 | 1997688 | 2021195 | 2033354 | 2017412 | 0.90   | cps   |
| Indium     | 115-1 | 7472988 | 7354602 | 7297789 | 7375126 | 1.21   | cps   |
| Indium     | 115-2 | 331872  | 334002  | 336710  | 334194  | 0.73   | cps   |
| Iron       | 56-2  | 412920  | 417898  | 412068  | 414295  | 0.76   | cps   |
| Iron       | 57-2  | 10665   | 10527   | 10221   | 10471   | 2.17   | cps   |
| Lead       | 206-1 | 897140  | 906387  | 908305  | 903944  | 0.66   | cps   |
| Lead       | 207-1 | 785455  | 791537  | 796470  | 791154  | 0.70   | cps   |
| Lead       | 208-1 | 3656736 | 3675930 | 3699552 | 3677406 | 0.58   | cps   |
| Lithium    | 6-1   | 1449777 | 1418548 | 1388915 | 1419080 | 2.14   | cps   |
| Magnesium  | 24-2  | 28396   | 29206   | 27811   | 28471   | 2.46   | cps   |
| Manganese  | 55-2  | 17344   | 17705   | 17488   | 17512   | 1.04   | cps   |

|                         |                     |                   |          |
|-------------------------|---------------------|-------------------|----------|
| LB Number :             | LB94089             | Operator :        | Jaswal   |
| Lab Sample ID :         | ICV                 | Instrumnet Name : | P8       |
| Client Sample ID :      | ICV                 | Dilution Factor : | 1        |
| Date & Time Acquired :: | 2018-03-22 12:36:39 | DataFile Name :   | 012ICV.d |

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|------------|-------|----------|----------|----------|----------|--------|-------|
| Molybdenum | 94-1  | 2247003  | 2247549  | 2241281  | 2245278  | 0.15   | cps   |
| Molybdenum | 95-1  | 1199505  | 1218330  | 1215495  | 1211110  | 0.84   | cps   |
| Molybdenum | 96-1  | 1604511  | 1589036  | 1577864  | 1590470  | 0.84   | cps   |
| Molybdenum | 97-1  | 755386   | 762964   | 751901   | 756750   | 0.75   | cps   |
| Molybdenum | 98-1  | 2003756  | 1993530  | 1984516  | 1993934  | 0.48   | cps   |
| Neodymium  | 150-1 | 13       | 13       | 13       | 13       | 0.00   | cps   |
| Neodymium  | 150-2 | 0        | 0        | 0        | 0        | 0.00   | cps   |
| Nickel     | 60-2  | 38122    | 38416    | 38055    | 38198    | 0.50   | cps   |
| Phosphorus | 31-2  | 8        | 0        | 8        | 6        | 86.60  | cps   |
| Potassium  | 39-2  | 28914    | 28538    | 27828    | 28427    | 1.94   | cps   |
| Rhodium    | 103-1 | 6859719  | 6741178  | 6564979  | 6721959  | 2.21   | cps   |
| Rhodium    | 103-2 | 1873826  | 1881108  | 1898334  | 1884422  | 0.67   | cps   |
| Scandium   | 45-1  | 3945314  | 3923945  | 3923197  | 3930819  | 0.32   | cps   |
| Scandium   | 45-2  | 36772    | 38363    | 38226    | 37787    | 2.33   | cps   |
| Selenium   | 77-2  | 97       | 103      | 100      | 100      | 3.33   | cps   |
| Selenium   | 78-2  | 304      | 369      | 348      | 340      | 9.75   | cps   |
| Selenium   | 82-1  | 16031    | 16055    | 16069    | 16052    | 0.12   | cps   |
| Silicon    | 28-1  | 1283742  | 1277442  | 1274305  | 1278496  | 0.38   | cps   |
| Silver     | 109-1 | 613476   | 617388   | 619968   | 616944   | 0.53   | cps   |
| Silver     | 107-1 | 649347   | 647570   | 648765   | 648561   | 0.14   | cps   |
| Sodium     | 23-2  | 116044   | 114272   | 112785   | 114367   | 1.43   | cps   |
| Strontium  | 86-1  | 775033   | 778788   | 785518   | 779779   | 0.68   | cps   |
| Strontium  | 88-1  | 6851657  | 6733672  | 6798580  | 6794636  | 0.87   | cps   |
| Sulfur     | 34-1  | 268115   | 269023   | 265872   | 267670   | 0.61   | cps   |
| Terbium    | 159-1 | 10242881 | 10255095 | 10013493 | 10170490 | 1.34   | cps   |
| Terbium    | 159-2 | 1948977  | 1965407  | 2007250  | 1973878  | 1.52   | cps   |
| Thallium   | 203-1 | 1113356  | 1133189  | 1129832  | 1125459  | 0.94   | cps   |
| Thallium   | 205-1 | 2763602  | 2748639  | 2780698  | 2764313  | 0.58   | cps   |
| Tin        | 118-1 | 2146574  | 2161824  | 2166593  | 2158330  | 0.48   | cps   |
| Titanium   | 47-1  | 304781   | 307356   | 308762   | 306966   | 0.66   | cps   |
| Uranium    | 238-1 | 8769308  | 8688182  | 8716288  | 8724593  | 0.47   | cps   |
| Vanadium   | 51-2  | 45015    | 45972    | 44577    | 45188    | 1.58   | cps   |
| Yttrium    | 89-1  | 7623372  | 7541428  | 7375476  | 7513425  | 1.68   | cps   |
| Yttrium    | 89-2  | 252518   | 254623   | 257837   | 254993   | 1.05   | cps   |
| Zinc       | 66-2  | 20475    | 20171    | 19925    | 20190    | 1.37   | cps   |
| Zirconium  | 90-1  | 4195721  | 4191636  | 4178279  | 4188545  | 0.22   | cps   |



|                         |                     |                   |          |
|-------------------------|---------------------|-------------------|----------|
| LB Number :             | LB94089             | Operator :        | Jaswal   |
| Lab Sample ID :         | ICV                 | Instrumnet Name : | P8       |
| Client Sample ID :      | ICV                 | Dilution Factor : | 1        |
| Date & Time Acquired :: | 2018-03-22 12:36:39 | DataFile Name :   | 012ICV.d |

| Parameter | Mass | CPS1   | CPS2   | CPS3   | CPSMean | CPSRSD | Units |
|-----------|------|--------|--------|--------|---------|--------|-------|
| Zirconium | 91-1 | 921608 | 915118 | 920649 | 919125  | 0.38   | cps   |

LB Number : LB94089 Operator : Jaswal  
 Lab Sample ID : ICB Instrumnet Name : P8  
 Client Sample ID : ICB Dilution Factor : 1  
 Date & Time Acquired :: 2018-03-22 12:45:36 DataFile Name : 013CCBE.d

| Parameter  | Mass  | CPS1    | CPS2    | CPS3    | CPSMean | CPSRSD | Units |
|------------|-------|---------|---------|---------|---------|--------|-------|
| Aluminium  | 27-2  | 8       | 8       | 33      | 17      | 86.64  | cps   |
| Antimony   | 121-1 | 2659    | 3942    | 4676    | 3759    | 27.16  | cps   |
| Arsenic    | 75-2  | 7       | 20      | 2       | 10      | 96.22  | cps   |
| Barium     | 135-1 | 50      | 58      | 50      | 53      | 9.12   | cps   |
| Barium     | 137-1 | 42      | 50      | 50      | 47      | 10.18  | cps   |
| Beryllium  | 9-1   | 306     | 200     | 156     | 220     | 34.96  | cps   |
| Bismuth    | 209-1 | 6630974 | 6573979 | 6408050 | 6537667 | 1.77   | cps   |
| Bismuth    | 209-2 | 1564414 | 1561378 | 1594684 | 1573492 | 1.17   | cps   |
| Boron      | 10-1  | 1042    | 1033    | 1008    | 1028    | 1.69   | cps   |
| Boron      | 11-1  | 5143    | 4984    | 5343    | 5157    | 3.48   | cps   |
| Cadmium    | 111-1 | 942     | 919     | 1043    | 968     | 6.80   | cps   |
| Cadmium    | 106-1 | 1308    | 1283    | 1458    | 1350    | 7.01   | cps   |
| Cadmium    | 108-1 | 4       | 0       | 4       | 3       | 86.60  | cps   |
| Calcium    | 43-1  | 642     | 500     | 558     | 567     | 12.57  | cps   |
| Calcium    | 44-1  | 11839   | 11122   | 11230   | 11397   | 3.39   | cps   |
| Chromium   | 52-2  | 167     | 143     | 150     | 153     | 7.84   | cps   |
| Cobalt     | 59-2  | 67      | 50      | 30      | 49      | 37.55  | cps   |
| Copper     | 63-2  | 173     | 143     | 143     | 153     | 11.30  | cps   |
| Dysprosium | 156-1 | 0       | 8       | 8       | 6       | 86.60  | cps   |
| Dysprosium | 156-2 | 0       | 0       | 3       | 1       | 173.21 | cps   |
| Erbium     | 164-1 | 25      | 17      | 8       | 17      | 50.01  | cps   |
| Erbium     | 164-2 | 0       | 20      | 7       | 9       | 114.55 | cps   |
| Gadolinium | 160-1 | 17      | 33      | 25      | 25      | 33.32  | cps   |
| Gadolinium | 160-2 | 7       | 7       | 3       | 6       | 34.70  | cps   |
| Holmium    | 165-1 | 9911282 | 9788110 | 9514938 | 9738110 | 2.08   | cps   |
| Holmium    | 165-2 | 2014160 | 2002393 | 2030305 | 2015619 | 0.70   | cps   |
| Indium     | 115-1 | 7450095 | 7456737 | 7288507 | 7398447 | 1.29   | cps   |
| Indium     | 115-2 | 337657  | 337116  | 343363  | 339378  | 1.02   | cps   |
| Iron       | 56-2  | 1661    | 1689    | 1689    | 1680    | 0.95   | cps   |
| Iron       | 57-2  | 78      | 44      | 50      | 57      | 31.11  | cps   |
| Lead       | 206-1 | 333     | 350     | 317     | 333     | 5.00   | cps   |
| Lead       | 207-1 | 283     | 278     | 289     | 283     | 1.96   | cps   |
| Lead       | 208-1 | 1339    | 1333    | 1328    | 1333    | 0.42   | cps   |
| Lithium    | 6-1   | 1411330 | 1395687 | 1373295 | 1393437 | 1.37   | cps   |
| Magnesium  | 24-2  | 167     | 250     | 242     | 219     | 20.91  | cps   |
| Manganese  | 55-2  | 7       | 13      | 27      | 16      | 65.47  | cps   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB94089             | Operator :        | Jaswal    |
| Lab Sample ID :         | ICB                 | Instrumnet Name : | P8        |
| Client Sample ID :      | ICB                 | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2018-03-22 12:45:36 | DataFile Name :   | 013CCBE.d |

| Parameter  | Mass  | CPS1     | CPS2     | CPS3    | CPSMean  | CPSRSD  | Units |
|------------|-------|----------|----------|---------|----------|---------|-------|
| Molybdenum | 94-1  | 633      | 1042     | 1150    | 942      | 28.93   | cps   |
| Molybdenum | 95-1  | 900      | 1192     | 1525    | 1206     | 25.94   | cps   |
| Molybdenum | 96-1  | 958      | 1283     | 1750    | 1331     | 29.91   | cps   |
| Molybdenum | 97-1  | 608      | 683      | 817     | 703      | 15.01   | cps   |
| Molybdenum | 98-1  | 1433     | 2000     | 2717    | 2050     | 31.37   | cps   |
| Neodymium  | 150-1 | 0        | 0        | 7       | 2        | 173.21  | cps   |
| Neodymium  | 150-2 | 0        | 0        | 0       | 0        | 0.00    | cps   |
| Nickel     | 60-2  | 420      | 440      | 413     | 424      | 3.27    | cps   |
| Phosphorus | 31-2  | 8        | 0        | 0       | 3        | 173.21  | cps   |
| Potassium  | 39-2  | 2159     | 2584     | 2500    | 2414     | 9.33    | cps   |
| Rhodium    | 103-1 | 6801104  | 6736752  | 6681435 | 6739764  | 0.89    | cps   |
| Rhodium    | 103-2 | 1876106  | 1897145  | 1897479 | 1890243  | 0.65    | cps   |
| Scandium   | 45-1  | 3958689  | 3929780  | 3847318 | 3911929  | 1.48    | cps   |
| Scandium   | 45-2  | 38032    | 38225    | 37818   | 38025    | 0.54    | cps   |
| Selenium   | 77-2  | 0        | 0        | 0       | 0        | 0.00    | cps   |
| Selenium   | 78-2  | 2        | 0        | 2       | 1        | 86.60   | cps   |
| Selenium   | 82-1  | -29      | 4        | 30      | 2        | 1834.67 | cps   |
| Silicon    | 28-1  | 288099   | 287232   | 291408  | 288913   | 0.76    | cps   |
| Silver     | 109-1 | 67       | 125      | 125     | 106      | 31.91   | cps   |
| Silver     | 107-1 | 125      | 125      | 125     | 125      | 0.00    | cps   |
| Sodium     | 23-2  | 5126     | 5260     | 5335    | 5240     | 2.01    | cps   |
| Strontium  | 86-1  | 400      | 342      | 383     | 375      | 8.01    | cps   |
| Strontium  | 88-1  | 200      | 150      | 200     | 183      | 15.75   | cps   |
| Sulfur     | 34-1  | 274520   | 275492   | 274508  | 274840   | 0.21    | cps   |
| Terbium    | 159-1 | 10219876 | 10119800 | 9768086 | 10035921 | 2.36    | cps   |
| Terbium    | 159-2 | 1933708  | 1922756  | 1968569 | 1941678  | 1.23    | cps   |
| Thallium   | 203-1 | 425      | 367      | 408     | 400      | 7.51    | cps   |
| Thallium   | 205-1 | 1075     | 1325     | 1200    | 1200     | 10.42   | cps   |
| Tin        | 118-1 | 1025     | 1192     | 1208    | 1142     | 8.88    | cps   |
| Titanium   | 47-1  | 150      | 192      | 67      | 136      | 46.76   | cps   |
| Uranium    | 238-1 | 192      | 150      | 192     | 178      | 13.53   | cps   |
| Vanadium   | 51-2  | 0        | 13       | 0       | 4        | 173.21  | cps   |
| Yttrium    | 89-1  | 7595286  | 7539219  | 7360212 | 7498239  | 1.64    | cps   |
| Yttrium    | 89-2  | 252069   | 251835   | 255235  | 253046   | 0.75    | cps   |
| Zinc       | 66-2  | 27       | 50       | 47      | 41       | 30.69   | cps   |
| Zirconium  | 90-1  | 542      | 758      | 617     | 639      | 17.22   | cps   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB94089             | Operator :        | Jaswal    |
| Lab Sample ID :         | ICB                 | Instrumnet Name : | P8        |
| Client Sample ID :      | ICB                 | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2018-03-22 12:45:36 | DataFile Name :   | 013CCBE.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|-----------|------|------|------|------|---------|--------|-------|
| Zirconium | 91-1 | 167  | 242  | 125  | 178     | 33.25  | cps   |

LB Number : LB94089 Operator : Jaswal  
 Lab Sample ID : ICSA Instrumnet Name : P8  
 Client Sample ID : ICSA Dilution Factor : 1  
 Date & Time Acquired :: 2018-03-22 12:48:59 DataFile Name : 014ICSA.d

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|------------|-------|----------|----------|----------|----------|--------|-------|
| Aluminium  | 27-2  | 472095   | 464379   | 468084   | 468186   | 0.82   | cps   |
| Antimony   | 121-1 | 9379     | 10121    | 10338    | 9946     | 5.06   | cps   |
| Arsenic    | 75-2  | 24       | 24       | 31       | 27       | 16.12  | cps   |
| Barium     | 135-1 | 2225     | 2475     | 2367     | 2356     | 5.32   | cps   |
| Barium     | 137-1 | 3517     | 3642     | 3517     | 3559     | 2.03   | cps   |
| Beryllium  | 9-1   | 394      | 389      | 428      | 404      | 5.21   | cps   |
| Bismuth    | 209-1 | 6336687  | 6391777  | 6277298  | 6335254  | 0.90   | cps   |
| Bismuth    | 209-2 | 1490045  | 1474845  | 1499762  | 1488218  | 0.84   | cps   |
| Boron      | 10-1  | 908      | 858      | 1025     | 931      | 9.19   | cps   |
| Boron      | 11-1  | 4934     | 4993     | 4984     | 4971     | 0.64   | cps   |
| Cadmium    | 111-1 | 1342     | 1246     | 1367     | 1318     | 4.84   | cps   |
| Cadmium    | 106-1 | 1267     | 1242     | 1317     | 1275     | 2.99   | cps   |
| Cadmium    | 108-1 | 671      | 700      | 733      | 701      | 4.46   | cps   |
| Calcium    | 43-1  | 1334592  | 1323629  | 1326858  | 1328360  | 0.42   | cps   |
| Calcium    | 44-1  | 21296096 | 21402018 | 21429644 | 21375919 | 0.33   | cps   |
| Chromium   | 52-2  | 13240    | 13166    | 12913    | 13106    | 1.31   | cps   |
| Cobalt     | 59-2  | 1630     | 1487     | 1630     | 1582     | 5.23   | cps   |
| Copper     | 63-2  | 8780     | 8549     | 8766     | 8698     | 1.49   | cps   |
| Dysprosium | 156-1 | 17       | 42       | 33       | 31       | 41.66  | cps   |
| Dysprosium | 156-2 | 10       | 0        | 17       | 9        | 94.38  | cps   |
| Erbium     | 164-1 | 92       | 58       | 67       | 72       | 24.02  | cps   |
| Erbium     | 164-2 | 23       | 10       | 7        | 13       | 66.12  | cps   |
| Gadolinium | 160-1 | 67       | 117      | 67       | 83       | 34.64  | cps   |
| Gadolinium | 160-2 | 13       | 3        | 10       | 9        | 57.30  | cps   |
| Holmium    | 165-1 | 9951611  | 9899786  | 9765943  | 9872446  | 0.97   | cps   |
| Holmium    | 165-2 | 1991105  | 1973512  | 2005403  | 1990007  | 0.80   | cps   |
| Indium     | 115-1 | 7361250  | 7190953  | 7241692  | 7264632  | 1.20   | cps   |
| Indium     | 115-2 | 325860   | 324037   | 326800   | 325566   | 0.43   | cps   |
| Iron       | 56-2  | 41744984 | 42091197 | 41648290 | 41828157 | 0.56   | cps   |
| Iron       | 57-2  | 1046632  | 1040894  | 1038196  | 1041907  | 0.41   | cps   |
| Lead       | 206-1 | 22003    | 22309    | 21485    | 21932    | 1.90   | cps   |
| Lead       | 207-1 | 17646    | 17724    | 17017    | 17462    | 2.22   | cps   |
| Lead       | 208-1 | 83804    | 83758    | 82981    | 83514    | 0.55   | cps   |
| Lithium    | 6-1   | 1336248  | 1324861  | 1304769  | 1321959  | 1.21   | cps   |
| Magnesium  | 24-2  | 2431786  | 2385725  | 2389467  | 2402326  | 1.06   | cps   |
| Manganese  | 55-2  | 1453     | 1360     | 1510     | 1441     | 5.26   | cps   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB94089             | Operator :        | Jaswal    |
| Lab Sample ID :         | ICSA                | Instrumnet Name : | P8        |
| Client Sample ID :      | ICSA                | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2018-03-22 12:48:59 | DataFile Name :   | 014ICSA.d |

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|------------|-------|----------|----------|----------|----------|--------|-------|
| Molybdenum | 94-1  | 3009554  | 3017391  | 2994952  | 3007299  | 0.38   | cps   |
| Molybdenum | 95-1  | 5272995  | 5231372  | 5237370  | 5247246  | 0.43   | cps   |
| Molybdenum | 96-1  | 5672908  | 5648492  | 5560714  | 5627372  | 1.05   | cps   |
| Molybdenum | 97-1  | 3295941  | 3297358  | 3253177  | 3282159  | 0.77   | cps   |
| Molybdenum | 98-1  | 8366382  | 8330335  | 8309508  | 8335409  | 0.35   | cps   |
| Neodymium  | 150-1 | 40       | 47       | 13       | 33       | 52.92  | cps   |
| Neodymium  | 150-2 | 7        | 0        | 3        | 3        | 100.05 | cps   |
| Nickel     | 60-2  | 2400     | 2377     | 2314     | 2364     | 1.90   | cps   |
| Phosphorus | 31-2  | 33248    | 34761    | 34393    | 34134    | 2.31   | cps   |
| Potassium  | 39-2  | 1355915  | 1325669  | 1353058  | 1344881  | 1.24   | cps   |
| Rhodium    | 103-1 | 6529624  | 6421217  | 6437811  | 6462884  | 0.90   | cps   |
| Rhodium    | 103-2 | 1799107  | 1799884  | 1815508  | 1804833  | 0.51   | cps   |
| Scandium   | 45-1  | 3947908  | 3926279  | 3811515  | 3895234  | 1.88   | cps   |
| Scandium   | 45-2  | 37186    | 36214    | 37380    | 36927    | 1.69   | cps   |
| Selenium   | 77-2  | 3        | 3        | 0        | 2        | 86.60  | cps   |
| Selenium   | 78-2  | 2        | 0        | 4        | 2        | 100.00 | cps   |
| Selenium   | 82-1  | 33       | 11       | 42       | 29       | 55.74  | cps   |
| Silicon    | 28-1  | 371854   | 370571   | 371328   | 371251   | 0.17   | cps   |
| Silver     | 109-1 | 408      | 425      | 517      | 450      | 12.96  | cps   |
| Silver     | 107-1 | 475      | 508      | 542      | 508      | 6.56   | cps   |
| Sodium     | 23-2  | 5550810  | 5450973  | 5473215  | 5491666  | 0.95   | cps   |
| Strontium  | 86-1  | 59037    | 59874    | 62167    | 60359    | 2.68   | cps   |
| Strontium  | 88-1  | 507638   | 507362   | 514133   | 509711   | 0.75   | cps   |
| Sulfur     | 34-1  | 1937847  | 1947080  | 1941785  | 1942237  | 0.24   | cps   |
| Terbium    | 159-1 | 10284043 | 10166255 | 10025304 | 10158534 | 1.28   | cps   |
| Terbium    | 159-2 | 1953242  | 1925032  | 1932088  | 1936788  | 0.76   | cps   |
| Thallium   | 203-1 | 1092     | 1067     | 1267     | 1142     | 9.54   | cps   |
| Thallium   | 205-1 | 2759     | 2850     | 2684     | 2764     | 3.02   | cps   |
| Tin        | 118-1 | 1667     | 1558     | 1959     | 1728     | 11.97  | cps   |
| Titanium   | 47-1  | 1305581  | 1314309  | 1309164  | 1309685  | 0.33   | cps   |
| Uranium    | 238-1 | 442      | 450      | 392      | 428      | 7.38   | cps   |
| Vanadium   | 51-2  | 73       | 80       | 80       | 78       | 4.95   | cps   |
| Yttrium    | 89-1  | 7566715  | 7493458  | 7545979  | 7535384  | 0.50   | cps   |
| Yttrium    | 89-2  | 250815   | 247221   | 252155   | 250064   | 1.02   | cps   |
| Zinc       | 66-2  | 1273     | 1117     | 1173     | 1188     | 6.68   | cps   |
| Zirconium  | 90-1  | 2650     | 2250     | 2009     | 2303     | 14.07  | cps   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB94089             | Operator :        | Jaswal    |
| Lab Sample ID :         | ICSA                | Instrumnet Name : | P8        |
| Client Sample ID :      | ICSA                | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2018-03-22 12:48:59 | DataFile Name :   | 014ICSA.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|-----------|------|------|------|------|---------|--------|-------|
| Zirconium | 91-1 | 525  | 517  | 383  | 475     | 16.74  | cps   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB94089             | Operator :        | Jaswal    |
| Lab Sample ID :         | ICSAB               | Instrumnet Name : | P8        |
| Client Sample ID :      | ICSAB               | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2018-03-22 12:52:14 | DataFile Name :   | 015ICSB.d |

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|------------|-------|----------|----------|----------|----------|--------|-------|
| Aluminium  | 27-2  | 433531   | 435817   | 427290   | 432213   | 1.02   | cps   |
| Antimony   | 121-1 | 134168   | 133748   | 137334   | 135083   | 1.45   | cps   |
| Arsenic    | 75-2  | 1411     | 1396     | 1456     | 1421     | 2.17   | cps   |
| Barium     | 135-1 | 29417    | 29409    | 29977    | 29601    | 1.10   | cps   |
| Barium     | 137-1 | 51167    | 51677    | 51551    | 51465    | 0.52   | cps   |
| Beryllium  | 9-1   | 14519    | 15014    | 14485    | 14673    | 2.02   | cps   |
| Bismuth    | 209-1 | 6268431  | 6366443  | 6372828  | 6335900  | 0.92   | cps   |
| Bismuth    | 209-2 | 1483662  | 1463383  | 1448372  | 1465139  | 1.21   | cps   |
| Boron      | 10-1  | 4826     | 5185     | 4876     | 4962     | 3.91   | cps   |
| Boron      | 11-1  | 23654    | 24012    | 23670    | 23779    | 0.85   | cps   |
| Cadmium    | 111-1 | 27860    | 26696    | 26636    | 27064    | 2.55   | cps   |
| Cadmium    | 106-1 | 4493     | 4434     | 4084     | 4337     | 5.09   | cps   |
| Cadmium    | 108-1 | 2796     | 2725     | 2675     | 2732     | 2.22   | cps   |
| Calcium    | 43-1  | 1239168  | 1238571  | 1248733  | 1242158  | 0.46   | cps   |
| Calcium    | 44-1  | 19868362 | 19848651 | 19993290 | 19903434 | 0.39   | cps   |
| Chromium   | 52-2  | 23607    | 24392    | 23213    | 23737    | 2.53   | cps   |
| Cobalt     | 59-2  | 25951    | 25834    | 26308    | 26031    | 0.95   | cps   |
| Copper     | 63-2  | 29214    | 29381    | 28737    | 29111    | 1.15   | cps   |
| Dysprosium | 156-1 | 17       | 42       | 8        | 22       | 78.07  | cps   |
| Dysprosium | 156-2 | 7        | 7        | 3        | 6        | 34.70  | cps   |
| Erbium     | 164-1 | 83       | 58       | 67       | 69       | 18.33  | cps   |
| Erbium     | 164-2 | 0        | 7        | 10       | 6        | 91.64  | cps   |
| Gadolinium | 160-1 | 67       | 67       | 83       | 72       | 13.33  | cps   |
| Gadolinium | 160-2 | 13       | 17       | 10       | 13       | 25.01  | cps   |
| Holmium    | 165-1 | 9693364  | 9979189  | 9884646  | 9852400  | 1.48   | cps   |
| Holmium    | 165-2 | 1982551  | 1940047  | 1939832  | 1954144  | 1.26   | cps   |
| Indium     | 115-1 | 7124631  | 7224135  | 7182290  | 7177019  | 0.70   | cps   |
| Indium     | 115-2 | 323871   | 317620   | 315712   | 319068   | 1.34   | cps   |
| Iron       | 56-2  | 38623215 | 38638088 | 38276659 | 38512654 | 0.53   | cps   |
| Iron       | 57-2  | 959235   | 970659   | 951037   | 960310   | 1.03   | cps   |
| Lead       | 206-1 | 109714   | 110174   | 110908   | 110265   | 0.55   | cps   |
| Lead       | 207-1 | 92328    | 91092    | 93179    | 92199    | 1.14   | cps   |
| Lead       | 208-1 | 428088   | 423916   | 430073   | 427359   | 0.74   | cps   |
| Lithium    | 6-1   | 1285534  | 1319658  | 1297565  | 1300919  | 1.33   | cps   |
| Magnesium  | 24-2  | 2217297  | 2186389  | 2168159  | 2190615  | 1.13   | cps   |
| Manganese  | 55-2  | 4648     | 4741     | 4477     | 4622     | 2.89   | cps   |



|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB94089             | Operator :        | Jaswal    |
| Lab Sample ID :         | ICSAB               | Instrumnet Name : | P8        |
| Client Sample ID :      | ICSAB               | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2018-03-22 12:52:14 | DataFile Name :   | 015ICSB.d |

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|------------|-------|----------|----------|----------|----------|--------|-------|
| Molybdenum | 94-1  | 3058901  | 3044069  | 3031295  | 3044755  | 0.45   | cps   |
| Molybdenum | 95-1  | 5078669  | 5090734  | 5098797  | 5089400  | 0.20   | cps   |
| Molybdenum | 96-1  | 5422033  | 5469632  | 5390920  | 5427528  | 0.73   | cps   |
| Molybdenum | 97-1  | 3166616  | 3133260  | 3184108  | 3161328  | 0.82   | cps   |
| Molybdenum | 98-1  | 8031718  | 8050210  | 8040500  | 8040809  | 0.12   | cps   |
| Neodymium  | 150-1 | 33       | 33       | 27       | 31       | 12.37  | cps   |
| Neodymium  | 150-2 | 10       | 0        | 0        | 3        | 173.21 | cps   |
| Nickel     | 60-2  | 9317     | 9437     | 9053     | 9269     | 2.12   | cps   |
| Phosphorus | 31-2  | 30567    | 31595    | 31352    | 31171    | 1.72   | cps   |
| Potassium  | 39-2  | 1234776  | 1205535  | 1194814  | 1211708  | 1.71   | cps   |
| Rhodium    | 103-1 | 6376440  | 6490270  | 6423394  | 6430034  | 0.89   | cps   |
| Rhodium    | 103-2 | 1833428  | 1779516  | 1746572  | 1786505  | 2.45   | cps   |
| Scandium   | 45-1  | 3825932  | 3896891  | 3844153  | 3855659  | 0.96   | cps   |
| Scandium   | 45-2  | 36875    | 35652    | 35027    | 35851    | 2.62   | cps   |
| Selenium   | 77-2  | 17       | 0        | 13       | 10       | 88.20  | cps   |
| Selenium   | 78-2  | 46       | 44       | 41       | 44       | 6.46   | cps   |
| Selenium   | 82-1  | 1489     | 1538     | 1591     | 1539     | 3.32   | cps   |
| Silicon    | 28-1  | 474402   | 470717   | 477000   | 474040   | 0.67   | cps   |
| Silver     | 109-1 | 115930   | 114560   | 115122   | 115204   | 0.60   | cps   |
| Silver     | 107-1 | 119990   | 120846   | 119930   | 120255   | 0.43   | cps   |
| Sodium     | 23-2  | 5029672  | 4981924  | 4954485  | 4988694  | 0.76   | cps   |
| Strontium  | 86-1  | 134002   | 132530   | 134220   | 133584   | 0.69   | cps   |
| Strontium  | 88-1  | 1166051  | 1155614  | 1163606  | 1161757  | 0.47   | cps   |
| Sulfur     | 34-1  | 1807647  | 1815816  | 1792408  | 1805291  | 0.66   | cps   |
| Terbium    | 159-1 | 10164863 | 10303571 | 10191216 | 10219883 | 0.72   | cps   |
| Terbium    | 159-2 | 1924716  | 1923509  | 1882033  | 1910086  | 1.27   | cps   |
| Thallium   | 203-1 | 110284   | 109939   | 111336   | 110520   | 0.66   | cps   |
| Thallium   | 205-1 | 264123   | 262735   | 265740   | 264199   | 0.57   | cps   |
| Tin        | 118-1 | 213873   | 208747   | 210666   | 211095   | 1.23   | cps   |
| Titanium   | 47-1  | 1258964  | 1260538  | 1245332  | 1254945  | 0.67   | cps   |
| Uranium    | 238-1 | 849929   | 846152   | 855302   | 850461   | 0.54   | cps   |
| Vanadium   | 51-2  | 8693     | 9023     | 8913     | 8876     | 1.89   | cps   |
| Yttrium    | 89-1  | 7465701  | 7496789  | 7451880  | 7471457  | 0.31   | cps   |
| Yttrium    | 89-2  | 250107   | 242910   | 243056   | 245358   | 1.68   | cps   |
| Zinc       | 66-2  | 3274     | 3060     | 3104     | 3146     | 3.59   | cps   |
| Zirconium  | 90-1  | 422387   | 424078   | 421036   | 422500   | 0.36   | cps   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB94089             | Operator :        | Jaswal    |
| Lab Sample ID :         | ICSAB               | Instrumnet Name : | P8        |
| Client Sample ID :      | ICSAB               | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2018-03-22 12:52:14 | DataFile Name :   | 015ICSB.d |

| Parameter | Mass | CPS1  | CPS2  | CPS3  | CPSMean | CPSRSD | Units |
|-----------|------|-------|-------|-------|---------|--------|-------|
| Zirconium | 91-1 | 92883 | 92958 | 93436 | 93092   | 0.32   | cps   |

|                         |                     |                   |          |
|-------------------------|---------------------|-------------------|----------|
| LB Number :             | LB94089             | Operator :        | Jaswal   |
| Lab Sample ID :         | CCV007              | Instrumnet Name : | P8       |
| Client Sample ID :      | CCV007              | Dilution Factor : | 1        |
| Date & Time Acquired :: | 2018-03-22 12:55:31 | DataFile Name :   | 016CCV.d |

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|------------|-------|----------|----------|----------|----------|--------|-------|
| Aluminium  | 27-2  | 232143   | 232060   | 234642   | 232948   | 0.63   | cps   |
| Antimony   | 121-1 | 3157584  | 3089768  | 3138137  | 3128496  | 1.12   | cps   |
| Arsenic    | 75-2  | 35963    | 35503    | 36296    | 35921    | 1.11   | cps   |
| Barium     | 135-1 | 3418462  | 3396139  | 3420188  | 3411596  | 0.39   | cps   |
| Barium     | 137-1 | 5887514  | 5876547  | 5869907  | 5877989  | 0.15   | cps   |
| Beryllium  | 9-1   | 351542   | 354049   | 355445   | 353679   | 0.56   | cps   |
| Bismuth    | 209-1 | 6256648  | 6256013  | 6240262  | 6250974  | 0.15   | cps   |
| Bismuth    | 209-2 | 1455441  | 1440379  | 1435427  | 1443749  | 0.72   | cps   |
| Boron      | 10-1  | 40592    | 42865    | 44119    | 42525    | 4.20   | cps   |
| Boron      | 11-1  | 194062   | 200593   | 207817   | 200824   | 3.43   | cps   |
| Cadmium    | 111-1 | 629715   | 628822   | 628437   | 628992   | 0.10   | cps   |
| Cadmium    | 106-1 | 65778    | 65510    | 66498    | 65929    | 0.78   | cps   |
| Cadmium    | 108-1 | 45285    | 44210    | 45255    | 44917    | 1.36   | cps   |
| Calcium    | 43-1  | 3011621  | 3037849  | 3075705  | 3041725  | 1.06   | cps   |
| Calcium    | 44-1  | 49256903 | 49421134 | 49835992 | 49504676 | 0.60   | cps   |
| Chromium   | 52-2  | 298664   | 297301   | 301276   | 299081   | 0.68   | cps   |
| Cobalt     | 59-2  | 610073   | 609917   | 609802   | 609931   | 0.02   | cps   |
| Copper     | 63-2  | 1004654  | 999844   | 1008094  | 1004197  | 0.41   | cps   |
| Dysprosium | 156-1 | 100      | 133      | 67       | 100      | 33.33  | cps   |
| Dysprosium | 156-2 | 17       | 10       | 13       | 13       | 25.01  | cps   |
| Erbium     | 164-1 | 58       | 83       | 58       | 67       | 21.65  | cps   |
| Erbium     | 164-2 | 7        | 13       | 10       | 10       | 33.30  | cps   |
| Gadolinium | 160-1 | 67       | 117      | 125      | 103      | 30.70  | cps   |
| Gadolinium | 160-2 | 27       | 20       | 13       | 20       | 33.35  | cps   |
| Holmium    | 165-1 | 9722356  | 9675439  | 9760885  | 9719560  | 0.44   | cps   |
| Holmium    | 165-2 | 1976126  | 1946975  | 1921644  | 1948248  | 1.40   | cps   |
| Indium     | 115-1 | 7043714  | 7065699  | 7056955  | 7055456  | 0.16   | cps   |
| Indium     | 115-2 | 315555   | 310765   | 309894   | 312071   | 0.98   | cps   |
| Iron       | 56-2  | 47433987 | 47579391 | 47954736 | 47656038 | 0.56   | cps   |
| Iron       | 57-2  | 1196944  | 1186747  | 1200175  | 1194622  | 0.59   | cps   |
| Lead       | 206-1 | 2168127  | 2157424  | 2158067  | 2161206  | 0.28   | cps   |
| Lead       | 207-1 | 1987801  | 1994019  | 1986138  | 1989319  | 0.21   | cps   |
| Lead       | 208-1 | 8879823  | 8898774  | 8840638  | 8873079  | 0.33   | cps   |
| Lithium    | 6-1   | 1300883  | 1299014  | 1313287  | 1304395  | 0.59   | cps   |
| Magnesium  | 24-2  | 5438620  | 5464186  | 5518558  | 5473788  | 0.75   | cps   |
| Manganese  | 55-2  | 168207   | 168161   | 168057   | 168141   | 0.05   | cps   |

|                         |                     |                   |          |
|-------------------------|---------------------|-------------------|----------|
| LB Number :             | LB94089             | Operator :        | Jaswal   |
| Lab Sample ID :         | CCV007              | Instrumnet Name : | P8       |
| Client Sample ID :      | CCV007              | Dilution Factor : | 1        |
| Date & Time Acquired :: | 2018-03-22 12:55:31 | DataFile Name :   | 016CCV.d |

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|------------|-------|----------|----------|----------|----------|--------|-------|
| Molybdenum | 94-1  | 5149203  | 5137596  | 5122735  | 5136511  | 0.26   | cps   |
| Molybdenum | 95-1  | 6364118  | 6325683  | 6406749  | 6365517  | 0.64   | cps   |
| Molybdenum | 96-1  | 7062372  | 6993007  | 7018116  | 7024498  | 0.50   | cps   |
| Molybdenum | 97-1  | 3991276  | 3936816  | 3950429  | 3959507  | 0.72   | cps   |
| Molybdenum | 98-1  | 10088212 | 10039068 | 10149902 | 10092394 | 0.55   | cps   |
| Neodymium  | 150-1 | 200      | 287      | 200      | 229      | 21.86  | cps   |
| Neodymium  | 150-2 | 27       | 23       | 20       | 23       | 14.29  | cps   |
| Nickel     | 60-2  | 175544   | 175810   | 177825   | 176393   | 0.71   | cps   |
| Phosphorus | 31-2  | 3334     | 3242     | 3234     | 3270     | 1.70   | cps   |
| Potassium  | 39-2  | 1558673  | 1544212  | 1549536  | 1550807  | 0.47   | cps   |
| Rhodium    | 103-1 | 6276070  | 6175803  | 6274534  | 6242136  | 0.92   | cps   |
| Rhodium    | 103-2 | 1751496  | 1736873  | 1729990  | 1739453  | 0.63   | cps   |
| Scandium   | 45-1  | 3754478  | 3739817  | 3832800  | 3775698  | 1.32   | cps   |
| Scandium   | 45-2  | 36077    | 35886    | 36802    | 36255    | 1.33   | cps   |
| Selenium   | 77-2  | 260      | 217      | 247      | 241      | 9.21   | cps   |
| Selenium   | 78-2  | 850      | 830      | 815      | 832      | 2.12   | cps   |
| Selenium   | 82-1  | 38243    | 37995    | 38136    | 38124    | 0.33   | cps   |
| Silicon    | 28-1  | 1428944  | 1433637  | 1454293  | 1438958  | 0.94   | cps   |
| Silver     | 109-1 | 2973576  | 2953080  | 2948083  | 2958246  | 0.46   | cps   |
| Silver     | 107-1 | 3071729  | 3044924  | 3078888  | 3065180  | 0.58   | cps   |
| Sodium     | 23-2  | 13305782 | 13228003 | 13200154 | 13244646 | 0.41   | cps   |
| Strontium  | 86-1  | 818207   | 824666   | 821213   | 821362   | 0.39   | cps   |
| Strontium  | 88-1  | 7194832  | 7134481  | 7129837  | 7153050  | 0.51   | cps   |
| Sulfur     | 34-1  | 462511   | 465658   | 466285   | 464818   | 0.44   | cps   |
| Terbium    | 159-1 | 10120948 | 10010517 | 10048755 | 10060073 | 0.56   | cps   |
| Terbium    | 159-2 | 1906186  | 1882460  | 1860740  | 1883129  | 1.21   | cps   |
| Thallium   | 203-1 | 2678757  | 2697649  | 2674997  | 2683801  | 0.45   | cps   |
| Thallium   | 205-1 | 6349371  | 6307631  | 6365741  | 6340914  | 0.47   | cps   |
| Tin        | 118-1 | 2181927  | 2174109  | 2204053  | 2186696  | 0.71   | cps   |
| Titanium   | 47-1  | 1526046  | 1508618  | 1534320  | 1522995  | 0.86   | cps   |
| Uranium    | 238-1 | 8779348  | 8789769  | 8785359  | 8784825  | 0.06   | cps   |
| Vanadium   | 51-2  | 222118   | 222297   | 223924   | 222780   | 0.45   | cps   |
| Yttrium    | 89-1  | 7387175  | 7402487  | 7424539  | 7404734  | 0.25   | cps   |
| Yttrium    | 89-2  | 247712   | 242400   | 240842   | 243651   | 1.48   | cps   |
| Zinc       | 66-2  | 95183    | 94939    | 95144    | 95089    | 0.14   | cps   |
| Zirconium  | 90-1  | 4337901  | 4331506  | 4358748  | 4342718  | 0.33   | cps   |

|                         |                     |                   |          |
|-------------------------|---------------------|-------------------|----------|
| LB Number :             | LB94089             | Operator :        | Jaswal   |
| Lab Sample ID :         | CCV007              | Instrumnet Name : | P8       |
| Client Sample ID :      | CCV007              | Dilution Factor : | 1        |
| Date & Time Acquired :: | 2018-03-22 12:55:31 | DataFile Name :   | 016CCV.d |

| Parameter | Mass | CPS1   | CPS2   | CPS3   | CPSMean | CPSRSD | Units |
|-----------|------|--------|--------|--------|---------|--------|-------|
| Zirconium | 91-1 | 950025 | 952624 | 958661 | 953770  | 0.46   | cps   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB94089             | Operator :        | Jaswal    |
| Lab Sample ID :         | CCB007              | Instrumnet Name : | P8        |
| Client Sample ID :      | CCB007              | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2018-03-22 13:00:40 | DataFile Name :   | 017CCBE.d |

| Parameter  | Mass  | CPS1    | CPS2    | CPS3    | CPSMean | CPSRSD | Units |
|------------|-------|---------|---------|---------|---------|--------|-------|
| Aluminium  | 27-2  | 0       | 17      | 25      | 14      | 91.65  | cps   |
| Antimony   | 121-1 | 4909    | 6569    | 7177    | 6218    | 18.88  | cps   |
| Arsenic    | 75-2  | 13      | 19      | 4       | 12      | 63.84  | cps   |
| Barium     | 135-1 | 17      | 75      | 33      | 42      | 72.11  | cps   |
| Barium     | 137-1 | 33      | 42      | 50      | 42      | 20.00  | cps   |
| Beryllium  | 9-1   | 244     | 289     | 350     | 294     | 18.00  | cps   |
| Bismuth    | 209-1 | 6474900 | 6410397 | 6615721 | 6500339 | 1.62   | cps   |
| Bismuth    | 209-2 | 1510870 | 1527045 | 1498473 | 1512129 | 0.95   | cps   |
| Boron      | 10-1  | 1233    | 1258    | 1058    | 1183    | 9.21   | cps   |
| Boron      | 11-1  | 4868    | 4584    | 4226    | 4559    | 7.06   | cps   |
| Cadmium    | 111-1 | 774     | 943     | 924     | 881     | 10.52  | cps   |
| Cadmium    | 106-1 | 1025    | 1308    | 1275    | 1203    | 12.88  | cps   |
| Cadmium    | 108-1 | 8       | 8       | 8       | 8       | 0.00   | cps   |
| Calcium    | 43-1  | 425     | 650     | 600     | 558     | 21.16  | cps   |
| Calcium    | 44-1  | 11505   | 10855   | 11422   | 11261   | 3.14   | cps   |
| Chromium   | 52-2  | 190     | 137     | 137     | 154     | 19.94  | cps   |
| Cobalt     | 59-2  | 67      | 40      | 33      | 47      | 37.80  | cps   |
| Copper     | 63-2  | 193     | 203     | 130     | 176     | 22.65  | cps   |
| Dysprosium | 156-1 | 0       | 0       | 8       | 3       | 173.21 | cps   |
| Dysprosium | 156-2 | 3       | 0       | 3       | 2       | 86.60  | cps   |
| Erbium     | 164-1 | 42      | 42      | 42      | 42      | 0.00   | cps   |
| Erbium     | 164-2 | 7       | 3       | 0       | 3       | 100.05 | cps   |
| Gadolinium | 160-1 | 33      | 75      | 67      | 58      | 37.80  | cps   |
| Gadolinium | 160-2 | 13      | 0       | 17      | 10      | 88.20  | cps   |
| Holmium    | 165-1 | 9621192 | 9572560 | 9690932 | 9628228 | 0.62   | cps   |
| Holmium    | 165-2 | 1929543 | 1974841 | 1905179 | 1936521 | 1.83   | cps   |
| Indium     | 115-1 | 7213225 | 7124132 | 7316589 | 7217982 | 1.33   | cps   |
| Indium     | 115-2 | 321641  | 325563  | 317779  | 321661  | 1.21   | cps   |
| Iron       | 56-2  | 2912    | 2967    | 2606    | 2828    | 6.88   | cps   |
| Iron       | 57-2  | 61      | 78      | 94      | 78      | 21.43  | cps   |
| Lead       | 206-1 | 489     | 544     | 539     | 524     | 5.84   | cps   |
| Lead       | 207-1 | 522     | 439     | 539     | 500     | 10.72  | cps   |
| Lead       | 208-1 | 2222    | 2022    | 2350    | 2198    | 7.52   | cps   |
| Lithium    | 6-1   | 1335136 | 1341904 | 1382676 | 1353239 | 1.90   | cps   |
| Magnesium  | 24-2  | 250     | 225     | 233     | 236     | 5.39   | cps   |
| Manganese  | 55-2  | 7       | 27      | 20      | 18      | 57.27  | cps   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB94089             | Operator :        | Jaswal    |
| Lab Sample ID :         | CCB007              | Instrumnet Name : | P8        |
| Client Sample ID :      | CCB007              | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2018-03-22 13:00:40 | DataFile Name :   | 017CCBE.d |

| Parameter  | Mass  | CPS1    | CPS2    | CPS3     | CPSMean | CPSRSD  | Units |
|------------|-------|---------|---------|----------|---------|---------|-------|
| Molybdenum | 94-1  | 1525    | 2050    | 2400     | 1992    | 22.11   | cps   |
| Molybdenum | 95-1  | 2575    | 2792    | 3776     | 3048    | 20.99   | cps   |
| Molybdenum | 96-1  | 2392    | 3201    | 3851     | 3148    | 23.22   | cps   |
| Molybdenum | 97-1  | 1267    | 1759    | 2450     | 1825    | 32.58   | cps   |
| Molybdenum | 98-1  | 3376    | 4501    | 5593     | 4490    | 24.70   | cps   |
| Neodymium  | 150-1 | 7       | 0       | 13       | 7       | 99.98   | cps   |
| Neodymium  | 150-2 | 0       | 0       | 0        | 0       | 0.00    | cps   |
| Nickel     | 60-2  | 357     | 410     | 367      | 378     | 7.50    | cps   |
| Phosphorus | 31-2  | 8       | 0       | 17       | 8       | 100.02  | cps   |
| Potassium  | 39-2  | 2609    | 2209    | 2392     | 2403    | 8.33    | cps   |
| Rhodium    | 103-1 | 6530244 | 6532106 | 6680213  | 6580855 | 1.31    | cps   |
| Rhodium    | 103-2 | 1826862 | 1828395 | 1815249  | 1823502 | 0.39    | cps   |
| Scandium   | 45-1  | 3753873 | 3710723 | 3797317  | 3753971 | 1.15    | cps   |
| Scandium   | 45-2  | 35792   | 36117   | 35665    | 35858   | 0.65    | cps   |
| Selenium   | 77-2  | 0       | 0       | 0        | 0       | 0.00    | cps   |
| Selenium   | 78-2  | 0       | 0       | 0        | 0       | 0.00    | cps   |
| Selenium   | 82-1  | -42     | -24     | 18       | -16     | -189.95 | cps   |
| Silicon    | 28-1  | 273757  | 272617  | 274318   | 273564  | 0.32    | cps   |
| Silver     | 109-1 | 142     | 175     | 200      | 172     | 16.99   | cps   |
| Silver     | 107-1 | 200     | 175     | 242      | 206     | 16.38   | cps   |
| Sodium     | 23-2  | 6835    | 6527    | 6385     | 6582    | 3.50    | cps   |
| Strontium  | 86-1  | 442     | 325     | 308      | 358     | 20.28   | cps   |
| Strontium  | 88-1  | 175     | 83      | 150      | 136     | 34.81   | cps   |
| Sulfur     | 34-1  | 261645  | 262649  | 260298   | 261531  | 0.45    | cps   |
| Terbium    | 159-1 | 9995581 | 9838694 | 10128953 | 9987743 | 1.45    | cps   |
| Terbium    | 159-2 | 1908474 | 1922519 | 1867845  | 1899613 | 1.49    | cps   |
| Thallium   | 203-1 | 1050    | 850     | 792      | 897     | 15.10   | cps   |
| Thallium   | 205-1 | 2159    | 2050    | 1967     | 2059    | 4.67    | cps   |
| Tin        | 118-1 | 1167    | 1325    | 1242     | 1245    | 6.37    | cps   |
| Titanium   | 47-1  | 92      | 158     | 125      | 125     | 26.67   | cps   |
| Uranium    | 238-1 | 108     | 150     | 133      | 131     | 16.06   | cps   |
| Vanadium   | 51-2  | 3       | 0       | 3        | 2       | 86.60   | cps   |
| Yttrium    | 89-1  | 7285938 | 7268534 | 7449391  | 7334621 | 1.36    | cps   |
| Yttrium    | 89-2  | 240349  | 244790  | 236836   | 240658  | 1.66    | cps   |
| Zinc       | 66-2  | 43      | 27      | 40       | 37      | 24.04   | cps   |
| Zirconium  | 90-1  | 775     | 808     | 817      | 800     | 2.75    | cps   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB94089             | Operator :        | Jaswal    |
| Lab Sample ID :         | CCB007              | Instrumnet Name : | P8        |
| Client Sample ID :      | CCB007              | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2018-03-22 13:00:40 | DataFile Name :   | 017CCBE.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|-----------|------|------|------|------|---------|--------|-------|
| Zirconium | 91-1 | 225  | 142  | 150  | 172     | 26.65  | cps   |



LB Number : LB94089 Operator : Jaswal  
 Lab Sample ID : CRI Instrumnet Name : P8  
 Client Sample ID : CRI Dilution Factor : 1  
 Date & Time Acquired :: 2018-03-22 13:04:01 DataFile Name : 018CCBE.d

| Parameter  | Mass  | CPS1    | CPS2    | CPS3    | CPSMean | CPSRSD | Units |
|------------|-------|---------|---------|---------|---------|--------|-------|
| Aluminium  | 27-2  | 83      | 67      | 83      | 78      | 12.37  | cps   |
| Antimony   | 121-1 | 13774   | 14650   | 14992   | 14472   | 4.34   | cps   |
| Arsenic    | 75-2  | 72      | 72      | 83      | 76      | 8.45   | cps   |
| Barium     | 135-1 | 12757   | 12957   | 12498   | 12737   | 1.81   | cps   |
| Barium     | 137-1 | 22386   | 21619   | 22453   | 22153   | 2.09   | cps   |
| Beryllium  | 9-1   | 828     | 906     | 839     | 857     | 4.91   | cps   |
| Bismuth    | 209-1 | 6596477 | 6556038 | 6617967 | 6590161 | 0.48   | cps   |
| Bismuth    | 209-2 | 1603462 | 1516234 | 1487850 | 1535849 | 3.92   | cps   |
| Boron      | 10-1  | 2450    | 2784    | 2442    | 2559    | 7.62   | cps   |
| Boron      | 11-1  | 12231   | 11855   | 12489   | 12192   | 2.61   | cps   |
| Cadmium    | 111-1 | 2082    | 2037    | 2148    | 2089    | 2.67   | cps   |
| Cadmium    | 106-1 | 1383    | 1200    | 1500    | 1361    | 11.11  | cps   |
| Cadmium    | 108-1 | 88      | 100     | 75      | 88      | 14.29  | cps   |
| Calcium    | 43-1  | 6168    | 5835    | 6443    | 6149    | 4.96   | cps   |
| Calcium    | 44-1  | 103069  | 101382  | 104605  | 103019  | 1.56   | cps   |
| Chromium   | 52-2  | 1270    | 1297    | 1317    | 1295    | 1.81   | cps   |
| Cobalt     | 59-2  | 1263    | 1253    | 1230    | 1249    | 1.37   | cps   |
| Copper     | 63-2  | 2300    | 2130    | 2227    | 2219    | 3.84   | cps   |
| Dysprosium | 156-1 | 0       | 17      | 17      | 11      | 86.60  | cps   |
| Dysprosium | 156-2 | 3       | 0       | 0       | 1       | 173.21 | cps   |
| Erbium     | 164-1 | 50      | 33      | 33      | 39      | 24.75  | cps   |
| Erbium     | 164-2 | 7       | 13      | 3       | 8       | 65.47  | cps   |
| Gadolinium | 160-1 | 67      | 50      | 25      | 47      | 44.41  | cps   |
| Gadolinium | 160-2 | 0       | 13      | 0       | 4       | 173.21 | cps   |
| Holmium    | 165-1 | 9684953 | 9674978 | 9670778 | 9676903 | 0.08   | cps   |
| Holmium    | 165-2 | 1996059 | 1927401 | 1892343 | 1938601 | 2.72   | cps   |
| Indium     | 115-1 | 7233485 | 7306755 | 7319473 | 7286571 | 0.64   | cps   |
| Indium     | 115-2 | 329047  | 323860  | 317413  | 323440  | 1.80   | cps   |
| Iron       | 56-2  | 20532   | 20821   | 21851   | 21068   | 3.29   | cps   |
| Iron       | 57-2  | 494     | 628     | 528     | 550     | 12.62  | cps   |
| Lead       | 206-1 | 4729    | 4395    | 4462    | 4529    | 3.90   | cps   |
| Lead       | 207-1 | 4090    | 3962    | 4523    | 4192    | 7.02   | cps   |
| Lead       | 208-1 | 18795   | 18345   | 18867   | 18669   | 1.52   | cps   |
| Lithium    | 6-1   | 1358038 | 1351385 | 1370849 | 1360091 | 0.73   | cps   |
| Magnesium  | 24-2  | 10154   | 10379   | 10321   | 10285   | 1.14   | cps   |
| Manganese  | 55-2  | 137     | 187     | 107     | 143     | 28.20  | cps   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB94089             | Operator :        | Jaswal    |
| Lab Sample ID :         | CRI                 | Instrumnet Name : | P8        |
| Client Sample ID :      | CRI                 | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2018-03-22 13:04:01 | DataFile Name :   | 018CCBE.d |

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|------------|-------|----------|----------|----------|----------|--------|-------|
| Molybdenum | 94-1  | 10705    | 10613    | 10288    | 10535    | 2.08   | cps   |
| Molybdenum | 95-1  | 11897    | 12723    | 13482    | 12701    | 6.24   | cps   |
| Molybdenum | 96-1  | 14400    | 14633    | 14717    | 14583    | 1.13   | cps   |
| Molybdenum | 97-1  | 7811     | 8003     | 8003     | 7939     | 1.40   | cps   |
| Molybdenum | 98-1  | 19790    | 20600    | 21142    | 20511    | 3.32   | cps   |
| Neodymium  | 150-1 | 0        | 7        | 7        | 4        | 86.60  | cps   |
| Neodymium  | 150-2 | 0        | 0        | 0        | 0        | 0.00   | cps   |
| Nickel     | 60-2  | 797      | 723      | 710      | 743      | 6.28   | cps   |
| Phosphorus | 31-2  | 8        | 8        | 8        | 8        | 0.00   | cps   |
| Potassium  | 39-2  | 8270     | 7694     | 8511     | 8158     | 5.15   | cps   |
| Rhodium    | 103-1 | 6608536  | 6572376  | 6685942  | 6622284  | 0.88   | cps   |
| Rhodium    | 103-2 | 1864646  | 1851808  | 1820494  | 1845649  | 1.23   | cps   |
| Scandium   | 45-1  | 3800239  | 3765267  | 3798727  | 3788078  | 0.52   | cps   |
| Scandium   | 45-2  | 36210    | 36705    | 35148    | 36021    | 2.21   | cps   |
| Selenium   | 77-2  | 7        | 3        | 0        | 3        | 100.05 | cps   |
| Selenium   | 78-2  | 20       | 9        | 9        | 13       | 49.48  | cps   |
| Selenium   | 82-1  | 384      | 316      | 418      | 373      | 13.96  | cps   |
| Silicon    | 28-1  | 305524   | 301454   | 304581   | 303853   | 0.70   | cps   |
| Silver     | 109-1 | 6010     | 5360     | 6068     | 5813     | 6.77   | cps   |
| Silver     | 107-1 | 5935     | 6152     | 6343     | 6143     | 3.33   | cps   |
| Sodium     | 23-2  | 30458    | 29390    | 29381    | 29743    | 2.08   | cps   |
| Strontium  | 86-1  | 1583     | 1884     | 1834     | 1767     | 9.10   | cps   |
| Strontium  | 88-1  | 13140    | 13249    | 13582    | 13324    | 1.73   | cps   |
| Sulfur     | 34-1  | 265848   | 267425   | 264268   | 265847   | 0.59   | cps   |
| Terbium    | 159-1 | 10029822 | 10087674 | 10057515 | 10058337 | 0.29   | cps   |
| Terbium    | 159-2 | 1923249  | 1890008  | 1862742  | 1892000  | 1.60   | cps   |
| Thallium   | 203-1 | 5451     | 5685     | 5902     | 5679     | 3.97   | cps   |
| Thallium   | 205-1 | 13691    | 13499    | 14217    | 13803    | 2.69   | cps   |
| Tin        | 118-1 | 20784    | 20950    | 20550    | 20761    | 0.97   | cps   |
| Titanium   | 47-1  | 2967     | 2884     | 2709     | 2853     | 4.62   | cps   |
| Uranium    | 238-1 | 16829    | 16445    | 15827    | 16367    | 3.09   | cps   |
| Vanadium   | 51-2  | 2214     | 1940     | 1980     | 2045     | 7.22   | cps   |
| Yttrium    | 89-1  | 7329017  | 7313356  | 7448364  | 7363579  | 1.00   | cps   |
| Yttrium    | 89-2  | 245986   | 243141   | 238521   | 242549   | 1.55   | cps   |
| Zinc       | 66-2  | 260      | 257      | 233      | 250      | 5.81   | cps   |
| Zirconium  | 90-1  | 8912     | 9070     | 9420     | 9134     | 2.85   | cps   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB94089             | Operator :        | Jaswal    |
| Lab Sample ID :         | CRI                 | Instrumnet Name : | P8        |
| Client Sample ID :      | CRI                 | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2018-03-22 13:04:01 | DataFile Name :   | 018CCBE.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|-----------|------|------|------|------|---------|--------|-------|
| Zirconium | 91-1 | 1934 | 2375 | 2184 | 2164    | 10.24  | cps   |

LB Number : LB94089 Operator : Jaswal  
 Lab Sample ID : PB107520BL Instrumnet Name : P8  
 Client Sample ID : PBS008 Dilution Factor : 1  
 Date & Time Acquired :: 2018-03-22 13:07:35 DataFile Name : 019CCBE.d

| Parameter  | Mass  | CPS1    | CPS2    | CPS3    | CPSMean | CPSRSD | Units |
|------------|-------|---------|---------|---------|---------|--------|-------|
| Aluminium  | 27-2  | 8       | 0       | 0       | 3       | 173.21 | cps   |
| Antimony   | 121-1 | 1642    | 1867    | 2500    | 2003    | 22.22  | cps   |
| Arsenic    | 75-2  | 6       | 7       | 4       | 6       | 33.38  | cps   |
| Barium     | 135-1 | 42      | 8       | 42      | 31      | 62.99  | cps   |
| Barium     | 137-1 | 67      | 67      | 25      | 53      | 45.58  | cps   |
| Beryllium  | 9-1   | 189     | 183     | 206     | 193     | 6.00   | cps   |
| Bismuth    | 209-1 | 6533732 | 6662772 | 6507208 | 6567904 | 1.27   | cps   |
| Bismuth    | 209-2 | 1516588 | 1500046 | 1544570 | 1520401 | 1.48   | cps   |
| Boron      | 10-1  | 625     | 725     | 708     | 686     | 7.81   | cps   |
| Boron      | 11-1  | 3200    | 3551    | 3276    | 3342    | 5.52   | cps   |
| Cadmium    | 111-1 | 900     | 847     | 893     | 880     | 3.25   | cps   |
| Cadmium    | 106-1 | 1250    | 1208    | 1250    | 1236    | 1.95   | cps   |
| Cadmium    | 108-1 | 13      | 4       | 4       | 7       | 69.23  | cps   |
| Calcium    | 43-1  | 633     | 508     | 658     | 600     | 13.39  | cps   |
| Calcium    | 44-1  | 10705   | 10771   | 11413   | 10963   | 3.57   | cps   |
| Chromium   | 52-2  | 130     | 127     | 147     | 134     | 7.97   | cps   |
| Cobalt     | 59-2  | 40      | 43      | 33      | 39      | 13.09  | cps   |
| Copper     | 63-2  | 203     | 200     | 153     | 186     | 15.06  | cps   |
| Dysprosium | 156-1 | 8       | 17      | 8       | 11      | 43.34  | cps   |
| Dysprosium | 156-2 | 0       | 0       | 0       | 0       | 0.00   | cps   |
| Erbium     | 164-1 | 17      | 58      | 17      | 31      | 78.72  | cps   |
| Erbium     | 164-2 | 7       | 3       | 0       | 3       | 100.05 | cps   |
| Gadolinium | 160-1 | 58      | 25      | 58      | 47      | 40.76  | cps   |
| Gadolinium | 160-2 | 7       | 10      | 17      | 11      | 45.82  | cps   |
| Holmium    | 165-1 | 9777439 | 9747867 | 9511542 | 9678949 | 1.51   | cps   |
| Holmium    | 165-2 | 1960035 | 1923945 | 1987313 | 1957098 | 1.62   | cps   |
| Indium     | 115-1 | 7294509 | 7421136 | 7207530 | 7307725 | 1.47   | cps   |
| Indium     | 115-2 | 325361  | 320037  | 328050  | 324483  | 1.26   | cps   |
| Iron       | 56-2  | 1878    | 1650    | 1695    | 1741    | 6.94   | cps   |
| Iron       | 57-2  | 39      | 33      | 56      | 43      | 27.16  | cps   |
| Lead       | 206-1 | 378     | 411     | 289     | 359     | 17.59  | cps   |
| Lead       | 207-1 | 344     | 350     | 333     | 343     | 2.48   | cps   |
| Lead       | 208-1 | 1483    | 1550    | 1395    | 1476    | 5.29   | cps   |
| Lithium    | 6-1   | 1340357 | 1378261 | 1338250 | 1352289 | 1.67   | cps   |
| Magnesium  | 24-2  | 183     | 300     | 192     | 225     | 28.93  | cps   |
| Manganese  | 55-2  | 10      | 3       | 13      | 9       | 57.30  | cps   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB94089             | Operator :        | Jaswal    |
| Lab Sample ID :         | PB107520BL          | Instrumnet Name : | P8        |
| Client Sample ID :      | PBS008              | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2018-03-22 13:07:35 | DataFile Name :   | 019CCBE.d |

| Parameter  | Mass  | CPS1     | CPS2     | CPS3    | CPSMean  | CPSRSD | Units |
|------------|-------|----------|----------|---------|----------|--------|-------|
| Molybdenum | 94-1  | 575      | 708      | 883     | 722      | 21.41  | cps   |
| Molybdenum | 95-1  | 617      | 875      | 1042    | 845      | 25.36  | cps   |
| Molybdenum | 96-1  | 833      | 908      | 1050    | 931      | 11.82  | cps   |
| Molybdenum | 97-1  | 400      | 525      | 750     | 558      | 31.77  | cps   |
| Molybdenum | 98-1  | 758      | 1150     | 1642    | 1183     | 37.41  | cps   |
| Neodymium  | 150-1 | 13       | 7        | 13      | 11       | 34.61  | cps   |
| Neodymium  | 150-2 | 0        | 0        | 0       | 0        | 0.00   | cps   |
| Nickel     | 60-2  | 340      | 387      | 313     | 347      | 10.71  | cps   |
| Phosphorus | 31-2  | 0        | 0        | 8       | 3        | 173.21 | cps   |
| Potassium  | 39-2  | 2275     | 2217     | 2092    | 2195     | 4.27   | cps   |
| Rhodium    | 103-1 | 6655419  | 6634185  | 6567696 | 6619100  | 0.69   | cps   |
| Rhodium    | 103-2 | 1848071  | 1847983  | 1869689 | 1855248  | 0.67   | cps   |
| Scandium   | 45-1  | 3820592  | 3813959  | 3770095 | 3801549  | 0.72   | cps   |
| Scandium   | 45-2  | 36137    | 34369    | 36541   | 35682    | 3.24   | cps   |
| Selenium   | 77-2  | 0        | 0        | 3       | 1        | 173.21 | cps   |
| Selenium   | 78-2  | 2        | 2        | 2       | 2        | 0.00   | cps   |
| Selenium   | 82-1  | 25       | -1       | -4      | 6        | 250.42 | cps   |
| Silicon    | 28-1  | 272303   | 267415   | 268817  | 269512   | 0.93   | cps   |
| Silver     | 109-1 | 92       | 192      | 100     | 128      | 43.42  | cps   |
| Silver     | 107-1 | 92       | 158      | 100     | 117      | 31.13  | cps   |
| Sodium     | 23-2  | 5360     | 5376     | 5151    | 5296     | 2.37   | cps   |
| Strontium  | 86-1  | 367      | 333      | 392     | 364      | 8.04   | cps   |
| Strontium  | 88-1  | 183      | 108      | 100     | 131      | 35.15  | cps   |
| Sulfur     | 34-1  | 266359   | 266755   | 266865  | 266660   | 0.10   | cps   |
| Terbium    | 159-1 | 10138743 | 10036934 | 9958384 | 10044687 | 0.90   | cps   |
| Terbium    | 159-2 | 1886301  | 1863659  | 1938491 | 1896150  | 2.02   | cps   |
| Thallium   | 203-1 | 708      | 550      | 558     | 606      | 14.72  | cps   |
| Thallium   | 205-1 | 1358     | 1383     | 1292    | 1345     | 3.52   | cps   |
| Tin        | 118-1 | 642      | 692      | 792     | 708      | 10.78  | cps   |
| Titanium   | 47-1  | 100      | 167      | 83      | 117      | 37.79  | cps   |
| Uranium    | 238-1 | 50       | 67       | 25      | 47       | 44.41  | cps   |
| Vanadium   | 51-2  | 3        | 3        | 7       | 4        | 43.40  | cps   |
| Yttrium    | 89-1  | 7418409  | 7457672  | 7270607 | 7382229  | 1.34   | cps   |
| Yttrium    | 89-2  | 242418   | 238828   | 245339  | 242195   | 1.35   | cps   |
| Zinc       | 66-2  | 27       | 80       | 50      | 52       | 51.19  | cps   |
| Zirconium  | 90-1  | 642      | 442      | 575     | 553      | 18.42  | cps   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB94089             | Operator :        | Jaswal    |
| Lab Sample ID :         | PB107520BL          | Instrumnet Name : | P8        |
| Client Sample ID :      | PBS008              | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2018-03-22 13:07:35 | DataFile Name :   | 019CCBE.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|-----------|------|------|------|------|---------|--------|-------|
| Zirconium | 91-1 | 158  | 150  | 158  | 156     | 3.09   | cps   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB94089             | Operator :        | Jaswal    |
| Lab Sample ID :         | PB107520BS          | Instrumnet Name : | P8        |
| Client Sample ID :      | LCS008              | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2018-03-22 13:10:56 | DataFile Name :   | 020LCSE.d |

| Parameter  | Mass  | CPS1    | CPS2    | CPS3    | CPSMean | CPSRSD | Units |
|------------|-------|---------|---------|---------|---------|--------|-------|
| Aluminium  | 27-2  | 125     | 300     | 217     | 214     | 40.92  | cps   |
| Antimony   | 121-1 | 25509   | 25425   | 25667   | 25534   | 0.48   | cps   |
| Arsenic    | 75-2  | 137     | 144     | 185     | 156     | 16.67  | cps   |
| Barium     | 135-1 | 26720   | 26394   | 26327   | 26480   | 0.79   | cps   |
| Barium     | 137-1 | 45430   | 45705   | 45680   | 45605   | 0.33   | cps   |
| Beryllium  | 9-1   | 1667    | 1450    | 1733    | 1617    | 9.16   | cps   |
| Bismuth    | 209-1 | 6620972 | 6608192 | 6038249 | 6422471 | 5.18   | cps   |
| Bismuth    | 209-2 | 1502007 | 1544423 | 1525663 | 1524031 | 1.39   | cps   |
| Boron      | 10-1  | 4076    | 4643    | 4584    | 4434    | 7.03   | cps   |
| Boron      | 11-1  | 20398   | 20766   | 21166   | 20777   | 1.85   | cps   |
| Cadmium    | 111-1 | 3563    | 3558    | 3357    | 3493    | 3.36   | cps   |
| Cadmium    | 106-1 | 1659    | 1517    | 1450    | 1542    | 6.90   | cps   |
| Cadmium    | 108-1 | 242     | 167     | 167     | 192     | 22.59  | cps   |
| Calcium    | 43-1  | 11830   | 12523   | 12339   | 12231   | 2.93   | cps   |
| Calcium    | 44-1  | 203223  | 203894  | 202676  | 203265  | 0.30   | cps   |
| Chromium   | 52-2  | 2487    | 2514    | 2574    | 2525    | 1.76   | cps   |
| Cobalt     | 59-2  | 2597    | 2650    | 2827    | 2691    | 4.47   | cps   |
| Copper     | 63-2  | 4294    | 4267    | 4171    | 4244    | 1.53   | cps   |
| Dysprosium | 156-1 | 8       | 17      | 17      | 14      | 34.67  | cps   |
| Dysprosium | 156-2 | 0       | 0       | 0       | 0       | 0.00   | cps   |
| Erbium     | 164-1 | 33      | 108     | 42      | 61      | 67.27  | cps   |
| Erbium     | 164-2 | 3       | 7       | 17      | 9       | 78.08  | cps   |
| Gadolinium | 160-1 | 33      | 50      | 42      | 42      | 20.00  | cps   |
| Gadolinium | 160-2 | 7       | 0       | 3       | 3       | 100.05 | cps   |
| Holmium    | 165-1 | 9797785 | 9648214 | 8877609 | 9441203 | 5.23   | cps   |
| Holmium    | 165-2 | 1945344 | 1972840 | 1965116 | 1961100 | 0.72   | cps   |
| Indium     | 115-1 | 7342126 | 7249696 | 6733890 | 7108571 | 4.61   | cps   |
| Indium     | 115-2 | 319649  | 326493  | 329788  | 325310  | 1.59   | cps   |
| Iron       | 56-2  | 138402  | 138228  | 139479  | 138703  | 0.49   | cps   |
| Iron       | 57-2  | 3445    | 3339    | 3345    | 3376    | 1.76   | cps   |
| Lead       | 206-1 | 9098    | 8781    | 8909    | 8929    | 1.79   | cps   |
| Lead       | 207-1 | 8075    | 8114    | 8214    | 8134    | 0.88   | cps   |
| Lead       | 208-1 | 36549   | 36505   | 36455   | 36503   | 0.13   | cps   |
| Lithium    | 6-1   | 1353050 | 1369683 | 1256781 | 1326505 | 4.59   | cps   |
| Magnesium  | 24-2  | 22302   | 21693   | 22001   | 21999   | 1.38   | cps   |
| Manganese  | 55-2  | 327     | 410     | 387     | 374     | 11.48  | cps   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB94089             | Operator :        | Jaswal    |
| Lab Sample ID :         | PB107520BS          | Instrumnet Name : | P8        |
| Client Sample ID :      | LCS008              | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2018-03-22 13:10:56 | DataFile Name :   | 020LCSE.d |

| Parameter  | Mass  | CPS1     | CPS2     | CPS3    | CPSMean | CPSRSD | Units |
|------------|-------|----------|----------|---------|---------|--------|-------|
| Molybdenum | 94-1  | 20274    | 20241    | 20717   | 20411   | 1.30   | cps   |
| Molybdenum | 95-1  | 24932    | 25132    | 24272   | 24779   | 1.82   | cps   |
| Molybdenum | 96-1  | 27253    | 27696    | 27537   | 27495   | 0.82   | cps   |
| Molybdenum | 97-1  | 15601    | 15484    | 15034   | 15373   | 1.95   | cps   |
| Molybdenum | 98-1  | 38539    | 39826    | 40060   | 39475   | 2.07   | cps   |
| Neodymium  | 150-1 | 0        | 0        | 13      | 4       | 173.21 | cps   |
| Neodymium  | 150-2 | 0        | 0        | 0       | 0       | 0.00   | cps   |
| Nickel     | 60-2  | 1067     | 1160     | 1063    | 1097    | 5.00   | cps   |
| Phosphorus | 31-2  | 8        | 8        | 8       | 8       | 0.00   | cps   |
| Potassium  | 39-2  | 14692    | 13891    | 14575   | 14386   | 3.01   | cps   |
| Rhodium    | 103-1 | 6718448  | 6616878  | 6153623 | 6496317 | 4.63   | cps   |
| Rhodium    | 103-2 | 1826844  | 1851058  | 1877512 | 1851805 | 1.37   | cps   |
| Scandium   | 45-1  | 3845882  | 3784050  | 3498829 | 3709587 | 4.99   | cps   |
| Scandium   | 45-2  | 35341    | 36909    | 36574   | 36275   | 2.28   | cps   |
| Selenium   | 77-2  | 0        | 10       | 3       | 4       | 114.60 | cps   |
| Selenium   | 78-2  | 15       | 15       | 20      | 17      | 19.26  | cps   |
| Selenium   | 82-1  | 803      | 763      | 829     | 798     | 4.18   | cps   |
| Silicon    | 28-1  | 336073   | 338020   | 338625  | 337573  | 0.39   | cps   |
| Silver     | 109-1 | 12673    | 12331    | 12423   | 12476   | 1.42   | cps   |
| Silver     | 107-1 | 12765    | 12732    | 12423   | 12640   | 1.49   | cps   |
| Sodium     | 23-2  | 54397    | 54605    | 54681   | 54561   | 0.27   | cps   |
| Strontium  | 86-1  | 3834     | 3867     | 3792    | 3831    | 0.98   | cps   |
| Strontium  | 88-1  | 27696    | 27211    | 28004   | 27637   | 1.45   | cps   |
| Sulfur     | 34-1  | 267810   | 269296   | 268174  | 268427  | 0.29   | cps   |
| Terbium    | 159-1 | 10280024 | 10085548 | 9296863 | 9887478 | 5.27   | cps   |
| Terbium    | 159-2 | 1883024  | 1916739  | 1902720 | 1900828 | 0.89   | cps   |
| Thallium   | 203-1 | 11656    | 11247    | 11172   | 11358   | 2.29   | cps   |
| Thallium   | 205-1 | 25886    | 27072    | 27230   | 26729   | 2.75   | cps   |
| Tin        | 118-1 | 41591    | 41984    | 40688   | 41421   | 1.60   | cps   |
| Titanium   | 47-1  | 5793     | 5643     | 5368    | 5601    | 3.85   | cps   |
| Uranium    | 238-1 | 32970    | 33162    | 33897   | 33343   | 1.47   | cps   |
| Vanadium   | 51-2  | 4111     | 4477     | 4487    | 4359    | 4.93   | cps   |
| Yttrium    | 89-1  | 7514968  | 7325656  | 6808566 | 7216397 | 5.07   | cps   |
| Yttrium    | 89-2  | 240223   | 244911   | 245127  | 243421  | 1.14   | cps   |
| Zinc       | 66-2  | 533      | 450      | 440     | 474     | 10.80  | cps   |
| Zirconium  | 90-1  | 17437    | 18080    | 18280   | 17932   | 2.46   | cps   |



|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB94089             | Operator :        | Jaswal    |
| Lab Sample ID :         | PB107520BS          | Instrumnet Name : | P8        |
| Client Sample ID :      | LCS008              | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2018-03-22 13:10:56 | DataFile Name :   | 020LCSE.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|-----------|------|------|------|------|---------|--------|-------|
| Zirconium | 91-1 | 3817 | 4101 | 3926 | 3948    | 3.62   | cps   |

LB Number : LB94089 Operator : Jaswal  
 Lab Sample ID : PB107523BL Instrumnet Name : P8  
 Client Sample ID : PBS008 Dilution Factor : 1  
 Date & Time Acquired :: 2018-03-22 13:14:18 DataFile Name : 021CCBE.d

| Parameter  | Mass  | CPS1     | CPS2    | CPS3    | CPSMean | CPSRSD | Units |
|------------|-------|----------|---------|---------|---------|--------|-------|
| Aluminium  | 27-2  | 8        | 25      | 8       | 14      | 69.31  | cps   |
| Antimony   | 121-1 | 900      | 1083    | 1634    | 1206    | 31.66  | cps   |
| Arsenic    | 75-2  | 11       | 4       | 2       | 6       | 88.24  | cps   |
| Barium     | 135-1 | 33       | 33      | 17      | 28      | 34.63  | cps   |
| Barium     | 137-1 | 25       | 50      | 75      | 50      | 50.00  | cps   |
| Beryllium  | 9-1   | 167      | 128     | 156     | 150     | 13.35  | cps   |
| Bismuth    | 209-1 | 6792480  | 6655922 | 6701181 | 6716528 | 1.04   | cps   |
| Bismuth    | 209-2 | 1533862  | 1633622 | 1579916 | 1582467 | 3.16   | cps   |
| Boron      | 10-1  | 650      | 750     | 708     | 703     | 7.15   | cps   |
| Boron      | 11-1  | 3376     | 3201    | 3034    | 3203    | 5.33   | cps   |
| Cadmium    | 111-1 | 945      | 982     | 831     | 919     | 8.57   | cps   |
| Cadmium    | 106-1 | 1350     | 1383    | 1133    | 1289    | 10.53  | cps   |
| Cadmium    | 108-1 | 13       | 4       | 0       | 6       | 114.53 | cps   |
| Calcium    | 43-1  | 558      | 592     | 525     | 558     | 5.97   | cps   |
| Calcium    | 44-1  | 10246    | 10379   | 11055   | 10560   | 4.11   | cps   |
| Chromium   | 52-2  | 147      | 157     | 213     | 172     | 20.88  | cps   |
| Cobalt     | 59-2  | 37       | 30      | 53      | 40      | 30.04  | cps   |
| Copper     | 63-2  | 167      | 160     | 177     | 168     | 5.00   | cps   |
| Dysprosium | 156-1 | 0        | 0       | 0       | 0       | 0.00   | cps   |
| Dysprosium | 156-2 | 0        | 0       | 3       | 1       | 173.21 | cps   |
| Erbium     | 164-1 | 33       | 8       | 8       | 17      | 86.62  | cps   |
| Erbium     | 164-2 | 3        | 0       | 0       | 1       | 173.21 | cps   |
| Gadolinium | 160-1 | 25       | 83      | 42      | 50      | 60.09  | cps   |
| Gadolinium | 160-2 | 7        | 0       | 7       | 4       | 86.60  | cps   |
| Holmium    | 165-1 | 10112625 | 9856682 | 9900643 | 9956650 | 1.37   | cps   |
| Holmium    | 165-2 | 1960380  | 2025051 | 2037054 | 2007495 | 2.05   | cps   |
| Indium     | 115-1 | 7481256  | 7488076 | 7509672 | 7493001 | 0.20   | cps   |
| Indium     | 115-2 | 328165   | 337703  | 336240  | 334036  | 1.54   | cps   |
| Iron       | 56-2  | 1683     | 1545    | 1683    | 1637    | 4.90   | cps   |
| Iron       | 57-2  | 56       | 39      | 33      | 43      | 27.16  | cps   |
| Lead       | 206-1 | 333      | 306     | 383     | 341     | 11.57  | cps   |
| Lead       | 207-1 | 256      | 272     | 339     | 289     | 15.26  | cps   |
| Lead       | 208-1 | 1195     | 1311    | 1389    | 1298    | 7.54   | cps   |
| Lithium    | 6-1   | 1394351  | 1376668 | 1371633 | 1380884 | 0.86   | cps   |
| Magnesium  | 24-2  | 267      | 258     | 308     | 278     | 9.64   | cps   |
| Manganese  | 55-2  | 10       | 10      | 17      | 12      | 31.50  | cps   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB94089             | Operator :        | Jaswal    |
| Lab Sample ID :         | PB107523BL          | Instrumnet Name : | P8        |
| Client Sample ID :      | PBS008              | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2018-03-22 13:14:18 | DataFile Name :   | 021CCBE.d |

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|------------|-------|----------|----------|----------|----------|--------|-------|
| Molybdenum | 94-1  | 383      | 433      | 517      | 444      | 15.16  | cps   |
| Molybdenum | 95-1  | 367      | 458      | 600      | 475      | 24.75  | cps   |
| Molybdenum | 96-1  | 575      | 642      | 783      | 667      | 15.96  | cps   |
| Molybdenum | 97-1  | 200      | 275      | 325      | 267      | 23.59  | cps   |
| Molybdenum | 98-1  | 600      | 658      | 983      | 747      | 27.64  | cps   |
| Neodymium  | 150-1 | 7        | 0        | 0        | 2        | 173.21 | cps   |
| Neodymium  | 150-2 | 0        | 0        | 0        | 0        | 0.00   | cps   |
| Nickel     | 60-2  | 333      | 340      | 297      | 323      | 7.22   | cps   |
| Phosphorus | 31-2  | 0        | 8        | 0        | 3        | 173.21 | cps   |
| Potassium  | 39-2  | 2275     | 2275     | 2284     | 2278     | 0.21   | cps   |
| Rhodium    | 103-1 | 6837661  | 6729314  | 6831454  | 6799476  | 0.89   | cps   |
| Rhodium    | 103-2 | 1870608  | 1898556  | 1914099  | 1894421  | 1.16   | cps   |
| Scandium   | 45-1  | 3998464  | 3901837  | 3882113  | 3927471  | 1.59   | cps   |
| Scandium   | 45-2  | 35615    | 37046    | 37891    | 36851    | 3.12   | cps   |
| Selenium   | 77-2  | 3        | 0        | 0        | 1        | 173.21 | cps   |
| Selenium   | 78-2  | 0        | 4        | 2        | 2        | 100.00 | cps   |
| Selenium   | 82-1  | 75       | 42       | 3        | 40       | 89.50  | cps   |
| Silicon    | 28-1  | 304871   | 274304   | 272337   | 283837   | 6.43   | cps   |
| Silver     | 109-1 | 150      | 200      | 92       | 147      | 36.83  | cps   |
| Silver     | 107-1 | 142      | 125      | 133      | 133      | 6.25   | cps   |
| Sodium     | 23-2  | 5185     | 5076     | 4984     | 5082     | 1.97   | cps   |
| Strontium  | 86-1  | 475      | 350      | 417      | 414      | 15.11  | cps   |
| Strontium  | 88-1  | 125      | 133      | 192      | 150      | 24.22  | cps   |
| Sulfur     | 34-1  | 274486   | 275029   | 274272   | 274596   | 0.14   | cps   |
| Terbium    | 159-1 | 10526537 | 10237821 | 10235822 | 10333393 | 1.62   | cps   |
| Terbium    | 159-2 | 1886872  | 1966533  | 1939657  | 1931021  | 2.10   | cps   |
| Thallium   | 203-1 | 575      | 408      | 567      | 517      | 18.18  | cps   |
| Thallium   | 205-1 | 1150     | 1258     | 1008     | 1139     | 11.01  | cps   |
| Tin        | 118-1 | 625      | 850      | 767      | 747      | 15.22  | cps   |
| Titanium   | 47-1  | 58       | 108      | 133      | 100      | 38.19  | cps   |
| Uranium    | 238-1 | 75       | 75       | 42       | 64       | 30.12  | cps   |
| Vanadium   | 51-2  | 0        | 7        | 10       | 6        | 91.64  | cps   |
| Yttrium    | 89-1  | 7708058  | 7639536  | 7593262  | 7646952  | 0.76   | cps   |
| Yttrium    | 89-2  | 246145   | 252299   | 252382   | 250275   | 1.43   | cps   |
| Zinc       | 66-2  | 40       | 33       | 23       | 32       | 26.04  | cps   |
| Zirconium  | 90-1  | 608      | 550      | 675      | 611      | 10.23  | cps   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB94089             | Operator :        | Jaswal    |
| Lab Sample ID :         | PB107523BL          | Instrumnet Name : | P8        |
| Client Sample ID :      | PBS008              | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2018-03-22 13:14:18 | DataFile Name :   | 021CCBE.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|-----------|------|------|------|------|---------|--------|-------|
| Zirconium | 91-1 | 133  | 100  | 133  | 122     | 15.75  | cps   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB94089             | Operator :        | Jaswal    |
| Lab Sample ID :         | PB107523BS          | Instrumnet Name : | P8        |
| Client Sample ID :      | LCS008              | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2018-03-22 13:17:39 | DataFile Name :   | 022LCSE.d |

| Parameter  | Mass  | CPS1    | CPS2    | CPS3    | CPSMean | CPSRSD | Units |
|------------|-------|---------|---------|---------|---------|--------|-------|
| Aluminium  | 27-2  | 175     | 233     | 242     | 217     | 16.77  | cps   |
| Antimony   | 121-1 | 24531   | 24866   | 24640   | 24679   | 0.69   | cps   |
| Arsenic    | 75-2  | 130     | 185     | 131     | 149     | 21.21  | cps   |
| Barium     | 135-1 | 25684   | 26553   | 25626   | 25954   | 2.00   | cps   |
| Barium     | 137-1 | 45211   | 46641   | 45212   | 45688   | 1.81   | cps   |
| Beryllium  | 9-1   | 1611    | 1645    | 1622    | 1626    | 1.04   | cps   |
| Bismuth    | 209-1 | 6742096 | 6606434 | 6741676 | 6696735 | 1.17   | cps   |
| Bismuth    | 209-2 | 1554504 | 1554587 | 1581301 | 1563464 | 0.99   | cps   |
| Boron      | 10-1  | 4134    | 4551    | 4684    | 4456    | 6.44   | cps   |
| Boron      | 11-1  | 20741   | 21083   | 21751   | 21191   | 2.42   | cps   |
| Cadmium    | 111-1 | 3483    | 3093    | 3506    | 3361    | 6.90   | cps   |
| Cadmium    | 106-1 | 1500    | 1300    | 1609    | 1470    | 10.65  | cps   |
| Cadmium    | 108-1 | 138     | 179     | 238     | 185     | 27.19  | cps   |
| Calcium    | 43-1  | 12548   | 12097   | 12156   | 12267   | 2.00   | cps   |
| Calcium    | 44-1  | 201754  | 203622  | 200952  | 202109  | 0.68   | cps   |
| Chromium   | 52-2  | 2510    | 2410    | 2787    | 2569    | 7.60   | cps   |
| Cobalt     | 59-2  | 2560    | 2520    | 2670    | 2584    | 3.01   | cps   |
| Copper     | 63-2  | 4384    | 4484    | 4481    | 4450    | 1.28   | cps   |
| Dysprosium | 156-1 | 17      | 25      | 17      | 19      | 24.73  | cps   |
| Dysprosium | 156-2 | 0       | 0       | 0       | 0       | 0.00   | cps   |
| Erbium     | 164-1 | 42      | 50      | 67      | 53      | 24.12  | cps   |
| Erbium     | 164-2 | 3       | 13      | 7       | 8       | 65.47  | cps   |
| Gadolinium | 160-1 | 67      | 50      | 50      | 56      | 17.32  | cps   |
| Gadolinium | 160-2 | 7       | 3       | 3       | 4       | 43.40  | cps   |
| Holmium    | 165-1 | 9999697 | 9767443 | 9988039 | 9918393 | 1.32   | cps   |
| Holmium    | 165-2 | 2003566 | 2018447 | 1975484 | 1999166 | 1.09   | cps   |
| Indium     | 115-1 | 7448299 | 7277454 | 7558295 | 7428016 | 1.91   | cps   |
| Indium     | 115-2 | 329388  | 335679  | 329777  | 331614  | 1.06   | cps   |
| Iron       | 56-2  | 137375  | 138755  | 139889  | 138673  | 0.91   | cps   |
| Iron       | 57-2  | 3217    | 3328    | 3239    | 3262    | 1.80   | cps   |
| Lead       | 206-1 | 9448    | 8837    | 8292    | 8859    | 6.53   | cps   |
| Lead       | 207-1 | 8181    | 8587    | 8147    | 8305    | 2.94   | cps   |
| Lead       | 208-1 | 36950   | 36533   | 36144   | 36542   | 1.10   | cps   |
| Lithium    | 6-1   | 1392978 | 1383573 | 1400860 | 1392470 | 0.62   | cps   |
| Magnesium  | 24-2  | 21450   | 22477   | 22694   | 22207   | 2.99   | cps   |
| Manganese  | 55-2  | 400     | 347     | 423     | 390     | 10.08  | cps   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB94089             | Operator :        | Jaswal    |
| Lab Sample ID :         | PB107523BS          | Instrumnet Name : | P8        |
| Client Sample ID :      | LCS008              | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2018-03-22 13:17:39 | DataFile Name :   | 022LCSE.d |

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|------------|-------|----------|----------|----------|----------|--------|-------|
| Molybdenum | 94-1  | 20241    | 20149    | 20007    | 20132    | 0.58   | cps   |
| Molybdenum | 95-1  | 24657    | 24281    | 23630    | 24189    | 2.15   | cps   |
| Molybdenum | 96-1  | 26994    | 27070    | 27145    | 27070    | 0.28   | cps   |
| Molybdenum | 97-1  | 14391    | 15368    | 15301    | 15020    | 3.63   | cps   |
| Molybdenum | 98-1  | 38522    | 38522    | 39601    | 38882    | 1.60   | cps   |
| Neodymium  | 150-1 | 0        | 0        | 0        | 0        | 0.00   | cps   |
| Neodymium  | 150-2 | 0        | 3        | 0        | 1        | 173.21 | cps   |
| Nickel     | 60-2  | 1250     | 1077     | 1120     | 1149     | 7.85   | cps   |
| Phosphorus | 31-2  | 0        | 8        | 17       | 8        | 100.02 | cps   |
| Potassium  | 39-2  | 14450    | 13949    | 15150    | 14516    | 4.16   | cps   |
| Rhodium    | 103-1 | 6776055  | 6707745  | 6916501  | 6800100  | 1.57   | cps   |
| Rhodium    | 103-2 | 1890689  | 1882134  | 1858700  | 1877174  | 0.88   | cps   |
| Scandium   | 45-1  | 3879619  | 3836268  | 3979823  | 3898570  | 1.89   | cps   |
| Scandium   | 45-2  | 36631    | 37340    | 37156    | 37042    | 0.99   | cps   |
| Selenium   | 77-2  | 3        | 3        | 0        | 2        | 86.60  | cps   |
| Selenium   | 78-2  | 19       | 22       | 15       | 19       | 20.01  | cps   |
| Selenium   | 82-1  | 803      | 781      | 787      | 790      | 1.45   | cps   |
| Silicon    | 28-1  | 343162   | 339188   | 340641   | 340997   | 0.59   | cps   |
| Silver     | 109-1 | 12748    | 12148    | 11656    | 12184    | 4.49   | cps   |
| Silver     | 107-1 | 12957    | 12398    | 12848    | 12734    | 2.33   | cps   |
| Sodium     | 23-2  | 53685    | 53769    | 56346    | 54600    | 2.77   | cps   |
| Strontium  | 86-1  | 3709     | 3592     | 3417     | 3573     | 4.11   | cps   |
| Strontium  | 88-1  | 28214    | 26535    | 27487    | 27412    | 3.07   | cps   |
| Sulfur     | 34-1  | 277201   | 274774   | 275484   | 275820   | 0.45   | cps   |
| Terbium    | 159-1 | 10249323 | 10099750 | 10351037 | 10233370 | 1.24   | cps   |
| Terbium    | 159-2 | 1957490  | 1980594  | 1923852  | 1953979  | 1.46   | cps   |
| Thallium   | 203-1 | 10889    | 10471    | 11130    | 10830    | 3.08   | cps   |
| Thallium   | 205-1 | 26195    | 26428    | 26578    | 26400    | 0.73   | cps   |
| Tin        | 118-1 | 41114    | 41867    | 41331    | 41438    | 0.93   | cps   |
| Titanium   | 47-1  | 6243     | 5993     | 5618     | 5952     | 5.29   | cps   |
| Uranium    | 238-1 | 34123    | 33914    | 32619    | 33552    | 2.43   | cps   |
| Vanadium   | 51-2  | 4324     | 4251     | 4464     | 4346     | 2.49   | cps   |
| Yttrium    | 89-1  | 7553940  | 7403533  | 7745015  | 7567496  | 2.26   | cps   |
| Yttrium    | 89-2  | 247721   | 250921   | 248914   | 249186   | 0.65   | cps   |
| Zinc       | 66-2  | 407      | 467      | 390      | 421      | 9.57   | cps   |
| Zirconium  | 90-1  | 17570    | 17295    | 17312    | 17392    | 0.89   | cps   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB94089             | Operator :        | Jaswal    |
| Lab Sample ID :         | PB107523BS          | Instrumnet Name : | P8        |
| Client Sample ID :      | LCS008              | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2018-03-22 13:17:39 | DataFile Name :   | 022LCSE.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|-----------|------|------|------|------|---------|--------|-------|
| Zirconium | 91-1 | 4209 | 3926 | 3984 | 4040    | 3.71   | cps   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB94089             | Operator :        | Jaswal    |
| Lab Sample ID :         | PB107525BL          | Instrumnet Name : | P8        |
| Client Sample ID :      | PBS008              | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2018-03-22 13:21:00 | DataFile Name :   | 023CCBE.d |

| Parameter  | Mass  | CPS1    | CPS2    | CPS3    | CPSMean | CPSRSD | Units |
|------------|-------|---------|---------|---------|---------|--------|-------|
| Aluminium  | 27-2  | 8       | 0       | 17      | 8       | 100.02 | cps   |
| Antimony   | 121-1 | 642     | 917     | 925     | 828     | 19.48  | cps   |
| Arsenic    | 75-2  | 4       | 2       | 6       | 4       | 50.09  | cps   |
| Barium     | 135-1 | 17      | 25      | 17      | 19      | 24.73  | cps   |
| Barium     | 137-1 | 67      | 8       | 42      | 39      | 75.26  | cps   |
| Beryllium  | 9-1   | 128     | 183     | 139     | 150     | 19.60  | cps   |
| Bismuth    | 209-1 | 6285906 | 6395394 | 6782875 | 6488058 | 4.02   | cps   |
| Bismuth    | 209-2 | 1561044 | 1558663 | 1562331 | 1560679 | 0.12   | cps   |
| Boron      | 10-1  | 508     | 408     | 533     | 483     | 13.69  | cps   |
| Boron      | 11-1  | 2975    | 2609    | 2409    | 2664    | 10.79  | cps   |
| Cadmium    | 111-1 | 886     | 868     | 948     | 901     | 4.64   | cps   |
| Cadmium    | 106-1 | 1242    | 1225    | 1317    | 1261    | 3.87   | cps   |
| Cadmium    | 108-1 | 0       | 8       | 4       | 4       | 99.96  | cps   |
| Calcium    | 43-1  | 608     | 492     | 525     | 542     | 11.09  | cps   |
| Calcium    | 44-1  | 10755   | 10129   | 10654   | 10513   | 3.20   | cps   |
| Chromium   | 52-2  | 197     | 177     | 130     | 168     | 20.39  | cps   |
| Cobalt     | 59-2  | 50      | 43      | 40      | 44      | 11.46  | cps   |
| Copper     | 63-2  | 167     | 153     | 180     | 167     | 8.00   | cps   |
| Dysprosium | 156-1 | 25      | 17      | 8       | 17      | 50.01  | cps   |
| Dysprosium | 156-2 | 3       | 0       | 0       | 1       | 173.21 | cps   |
| Erbium     | 164-1 | 33      | 25      | 58      | 39      | 44.62  | cps   |
| Erbium     | 164-2 | 3       | 7       | 7       | 6       | 34.70  | cps   |
| Gadolinium | 160-1 | 8       | 42      | 42      | 31      | 62.99  | cps   |
| Gadolinium | 160-2 | 3       | 7       | 0       | 3       | 100.05 | cps   |
| Holmium    | 165-1 | 9273952 | 9428035 | 9873664 | 9525217 | 3.27   | cps   |
| Holmium    | 165-2 | 2009269 | 1968682 | 2012129 | 1996693 | 1.22   | cps   |
| Indium     | 115-1 | 7049000 | 7117413 | 7391615 | 7186009 | 2.52   | cps   |
| Indium     | 115-2 | 332975  | 329921  | 333467  | 332121  | 0.58   | cps   |
| Iron       | 56-2  | 1278    | 1295    | 1367    | 1313    | 3.60   | cps   |
| Iron       | 57-2  | 33      | 33      | 33      | 33      | 0.00   | cps   |
| Lead       | 206-1 | 244     | 294     | 367     | 302     | 20.36  | cps   |
| Lead       | 207-1 | 222     | 206     | 300     | 243     | 20.78  | cps   |
| Lead       | 208-1 | 1095    | 1061    | 1172    | 1109    | 5.14   | cps   |
| Lithium    | 6-1   | 1311554 | 1312445 | 1373000 | 1332333 | 2.64   | cps   |
| Magnesium  | 24-2  | 292     | 225     | 217     | 244     | 16.82  | cps   |
| Manganese  | 55-2  | 17      | 17      | 10      | 14      | 26.66  | cps   |



|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB94089             | Operator :        | Jaswal    |
| Lab Sample ID :         | PB107525BL          | Instrumnet Name : | P8        |
| Client Sample ID :      | PBS008              | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2018-03-22 13:21:00 | DataFile Name :   | 023CCBE.d |

| Parameter  | Mass  | CPS1    | CPS2    | CPS3     | CPSMean | CPSRSD | Units |
|------------|-------|---------|---------|----------|---------|--------|-------|
| Molybdenum | 94-1  | 317     | 375     | 442      | 378     | 16.56  | cps   |
| Molybdenum | 95-1  | 183     | 425     | 358      | 322     | 38.74  | cps   |
| Molybdenum | 96-1  | 217     | 608     | 417      | 414     | 47.32  | cps   |
| Molybdenum | 97-1  | 108     | 292     | 225      | 208     | 44.54  | cps   |
| Molybdenum | 98-1  | 492     | 683     | 750      | 642     | 20.90  | cps   |
| Neodymium  | 150-1 | 13      | 0       | 13       | 9       | 86.60  | cps   |
| Neodymium  | 150-2 | 0       | 0       | 0        | 0       | 0.00   | cps   |
| Nickel     | 60-2  | 303     | 417     | 363      | 361     | 15.70  | cps   |
| Phosphorus | 31-2  | 8       | 17      | 17       | 14      | 34.67  | cps   |
| Potassium  | 39-2  | 2092    | 2142    | 2234     | 2156    | 3.33   | cps   |
| Rhodium    | 103-1 | 6383602 | 6497626 | 6771487  | 6550905 | 3.04   | cps   |
| Rhodium    | 103-2 | 1861222 | 1890179 | 1884829  | 1878744 | 0.82   | cps   |
| Scandium   | 45-1  | 3693611 | 3711068 | 3913415  | 3772698 | 3.24   | cps   |
| Scandium   | 45-2  | 36447   | 37126   | 37440    | 37004   | 1.37   | cps   |
| Selenium   | 77-2  | 0       | 0       | 0        | 0       | 0.00   | cps   |
| Selenium   | 78-2  | 0       | 4       | 0        | 1       | 173.21 | cps   |
| Selenium   | 82-1  | 19      | 25      | 19       | 21      | 15.86  | cps   |
| Silicon    | 28-1  | 271868  | 271838  | 274639   | 272781  | 0.59   | cps   |
| Silver     | 109-1 | 92      | 58      | 75       | 75      | 22.22  | cps   |
| Silver     | 107-1 | 133     | 108     | 83       | 108     | 23.08  | cps   |
| Sodium     | 23-2  | 4926    | 4651    | 4718     | 4765    | 3.01   | cps   |
| Strontium  | 86-1  | 383     | 342     | 425      | 383     | 10.87  | cps   |
| Strontium  | 88-1  | 158     | 117     | 58       | 111     | 45.21  | cps   |
| Sulfur     | 34-1  | 274459  | 274501  | 278440   | 275800  | 0.83   | cps   |
| Terbium    | 159-1 | 9631621 | 9762335 | 10236832 | 9876929 | 3.22   | cps   |
| Terbium    | 159-2 | 1965701 | 1934494 | 1954936  | 1951710 | 0.81   | cps   |
| Thallium   | 203-1 | 475     | 467     | 367      | 436     | 13.82  | cps   |
| Thallium   | 205-1 | 867     | 958     | 825      | 883     | 7.72   | cps   |
| Tin        | 118-1 | 592     | 617     | 750      | 653     | 13.04  | cps   |
| Titanium   | 47-1  | 158     | 58      | 142      | 119     | 44.85  | cps   |
| Uranium    | 238-1 | 58      | 58      | 42       | 53      | 18.23  | cps   |
| Vanadium   | 51-2  | 0       | 7       | 3        | 3       | 100.05 | cps   |
| Yttrium    | 89-1  | 7191538 | 7249697 | 7583383  | 7341539 | 2.88   | cps   |
| Yttrium    | 89-2  | 246960  | 246741  | 249110   | 247604  | 0.53   | cps   |
| Zinc       | 66-2  | 27      | 30      | 23       | 27      | 12.51  | cps   |
| Zirconium  | 90-1  | 550     | 542     | 600      | 564     | 5.60   | cps   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB94089             | Operator :        | Jaswal    |
| Lab Sample ID :         | PB107525BL          | Instrumnet Name : | P8        |
| Client Sample ID :      | PBS008              | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2018-03-22 13:21:00 | DataFile Name :   | 023CCBE.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|-----------|------|------|------|------|---------|--------|-------|
| Zirconium | 91-1 | 75   | 125  | 125  | 108     | 26.65  | cps   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB94089             | Operator :        | Jaswal    |
| Lab Sample ID :         | PB107525BS          | Instrumnet Name : | P8        |
| Client Sample ID :      | LCS008              | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2018-03-22 13:24:21 | DataFile Name :   | 024LCSE.d |

| Parameter  | Mass  | CPS1    | CPS2    | CPS3     | CPSMean | CPSRSD | Units |
|------------|-------|---------|---------|----------|---------|--------|-------|
| Aluminium  | 27-2  | 217     | 142     | 200      | 186     | 21.16  | cps   |
| Antimony   | 121-1 | 25175   | 23956   | 25175    | 24768   | 2.84   | cps   |
| Arsenic    | 75-2  | 156     | 154     | 150      | 153     | 1.85   | cps   |
| Barium     | 135-1 | 25626   | 26611   | 25492    | 25910   | 2.36   | cps   |
| Barium     | 137-1 | 44510   | 44166   | 44860    | 44512   | 0.78   | cps   |
| Beryllium  | 9-1   | 1606    | 1533    | 1728     | 1622    | 6.06   | cps   |
| Bismuth    | 209-1 | 6594345 | 6694717 | 6708019  | 6665694 | 0.93   | cps   |
| Bismuth    | 209-2 | 1670827 | 1586664 | 1572054  | 1609848 | 3.31   | cps   |
| Boron      | 10-1  | 4126    | 4442    | 4293     | 4287    | 3.70   | cps   |
| Boron      | 11-1  | 19931   | 19764   | 21133    | 20276   | 3.68   | cps   |
| Cadmium    | 111-1 | 3414    | 3349    | 3462     | 3408    | 1.67   | cps   |
| Cadmium    | 106-1 | 1508    | 1400    | 1400     | 1436    | 4.36   | cps   |
| Cadmium    | 108-1 | 179     | 200     | 217      | 199     | 9.46   | cps   |
| Calcium    | 43-1  | 12790   | 12064   | 12248    | 12367   | 3.05   | cps   |
| Calcium    | 44-1  | 203217  | 200563  | 203649   | 202476  | 0.83   | cps   |
| Chromium   | 52-2  | 2620    | 2644    | 2544     | 2603    | 2.01   | cps   |
| Cobalt     | 59-2  | 2510    | 2557    | 2550     | 2539    | 0.99   | cps   |
| Copper     | 63-2  | 4494    | 4341    | 4394     | 4410    | 1.77   | cps   |
| Dysprosium | 156-1 | 8       | 17      | 8        | 11      | 43.34  | cps   |
| Dysprosium | 156-2 | 7       | 7       | 0        | 4       | 86.60  | cps   |
| Erbium     | 164-1 | 42      | 42      | 58       | 47      | 20.38  | cps   |
| Erbium     | 164-2 | 13      | 20      | 10       | 14      | 35.26  | cps   |
| Gadolinium | 160-1 | 42      | 50      | 42       | 44      | 10.82  | cps   |
| Gadolinium | 160-2 | 3       | 0       | 13       | 6       | 124.93 | cps   |
| Holmium    | 165-1 | 9748703 | 9787360 | 10104086 | 9880050 | 1.97   | cps   |
| Holmium    | 165-2 | 2043460 | 2018722 | 1988607  | 2016930 | 1.36   | cps   |
| Indium     | 115-1 | 7376363 | 7483315 | 7599940  | 7486540 | 1.49   | cps   |
| Indium     | 115-2 | 340832  | 335689  | 331007   | 335843  | 1.46   | cps   |
| Iron       | 56-2  | 140252  | 138749  | 140317   | 139773  | 0.63   | cps   |
| Iron       | 57-2  | 3539    | 3267    | 3690     | 3499    | 6.12   | cps   |
| Lead       | 206-1 | 8742    | 8803    | 9131     | 8892    | 2.35   | cps   |
| Lead       | 207-1 | 7986    | 8297    | 8386     | 8223    | 2.56   | cps   |
| Lead       | 208-1 | 36283   | 37078   | 36761    | 36707   | 1.09   | cps   |
| Lithium    | 6-1   | 1374191 | 1366824 | 1399255  | 1380090 | 1.23   | cps   |
| Magnesium  | 24-2  | 23387   | 22260   | 22285    | 22644   | 2.84   | cps   |
| Manganese  | 55-2  | 353     | 373     | 387      | 371     | 4.52   | cps   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB94089             | Operator :        | Jaswal    |
| Lab Sample ID :         | PB107525BS          | Instrumnet Name : | P8        |
| Client Sample ID :      | LCS008              | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2018-03-22 13:24:21 | DataFile Name :   | 024LCSE.d |

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|------------|-------|----------|----------|----------|----------|--------|-------|
| Molybdenum | 94-1  | 19682    | 20049    | 19899    | 19876    | 0.93   | cps   |
| Molybdenum | 95-1  | 23830    | 23321    | 23429    | 23527    | 1.14   | cps   |
| Molybdenum | 96-1  | 27295    | 26794    | 26869    | 26986    | 1.00   | cps   |
| Molybdenum | 97-1  | 14950    | 14884    | 15267    | 15034    | 1.36   | cps   |
| Molybdenum | 98-1  | 37286    | 38915    | 38974    | 38392    | 2.50   | cps   |
| Neodymium  | 150-1 | 20       | 0        | 7        | 9        | 114.55 | cps   |
| Neodymium  | 150-2 | 0        | 0        | 0        | 0        | 0.00   | cps   |
| Nickel     | 60-2  | 973      | 1060     | 1200     | 1078     | 10.61  | cps   |
| Phosphorus | 31-2  | 0        | 0        | 17       | 6        | 173.21 | cps   |
| Potassium  | 39-2  | 14016    | 14608    | 13841    | 14155    | 2.84   | cps   |
| Rhodium    | 103-1 | 6771863  | 6760732  | 6932505  | 6821700  | 1.41   | cps   |
| Rhodium    | 103-2 | 1927160  | 1912307  | 1876198  | 1905222  | 1.38   | cps   |
| Scandium   | 45-1  | 3902525  | 3887563  | 3938168  | 3909419  | 0.66   | cps   |
| Scandium   | 45-2  | 38032    | 36745    | 37096    | 37291    | 1.78   | cps   |
| Selenium   | 77-2  | 10       | 17       | 0        | 9        | 94.38  | cps   |
| Selenium   | 78-2  | 17       | 24       | 24       | 22       | 19.78  | cps   |
| Selenium   | 82-1  | 787      | 809      | 668      | 755      | 10.07  | cps   |
| Silicon    | 28-1  | 344634   | 341422   | 339431   | 341829   | 0.77   | cps   |
| Silver     | 109-1 | 12298    | 12064    | 11739    | 12034    | 2.33   | cps   |
| Silver     | 107-1 | 12882    | 12181    | 12281    | 12448    | 3.04   | cps   |
| Sodium     | 23-2  | 54204    | 53785    | 54673    | 54221    | 0.82   | cps   |
| Strontium  | 86-1  | 3409     | 3326     | 3667     | 3467     | 5.14   | cps   |
| Strontium  | 88-1  | 27353    | 27679    | 26660    | 27231    | 1.91   | cps   |
| Sulfur     | 34-1  | 277192   | 279573   | 279316   | 278694   | 0.47   | cps   |
| Terbium    | 159-1 | 10149299 | 10244730 | 10437304 | 10277111 | 1.43   | cps   |
| Terbium    | 159-2 | 1981214  | 1972476  | 1929655  | 1961115  | 1.41   | cps   |
| Thallium   | 203-1 | 11356    | 11064    | 10955    | 11125    | 1.86   | cps   |
| Thallium   | 205-1 | 27046    | 26136    | 26194    | 26459    | 1.93   | cps   |
| Tin        | 118-1 | 40555    | 42034    | 41557    | 41382    | 1.82   | cps   |
| Titanium   | 47-1  | 5726     | 6202     | 5826     | 5918     | 4.23   | cps   |
| Uranium    | 238-1 | 33170    | 33981    | 34508    | 33886    | 1.99   | cps   |
| Vanadium   | 51-2  | 4514     | 4527     | 4124     | 4389     | 5.22   | cps   |
| Yttrium    | 89-1  | 7589068  | 7596981  | 7720445  | 7635498  | 0.96   | cps   |
| Yttrium    | 89-2  | 254992   | 249769   | 247501   | 250754   | 1.53   | cps   |
| Zinc       | 66-2  | 467      | 427      | 377      | 423      | 10.65  | cps   |
| Zirconium  | 90-1  | 17053    | 17879    | 17353    | 17428    | 2.40   | cps   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB94089             | Operator :        | Jaswal    |
| Lab Sample ID :         | PB107525BS          | Instrumnet Name : | P8        |
| Client Sample ID :      | LCS008              | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2018-03-22 13:24:21 | DataFile Name :   | 024LCSE.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|-----------|------|------|------|------|---------|--------|-------|
| Zirconium | 91-1 | 3901 | 3992 | 3867 | 3920    | 1.65   | cps   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB94089             | Operator :        | Jaswal    |
| Lab Sample ID :         | J1987-01            | Instrumnet Name : | P8        |
| Client Sample ID :      | MJHR70              | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2018-03-22 13:27:43 | DataFile Name :   | 025SMPL.d |

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|------------|-------|----------|----------|----------|----------|--------|-------|
| Aluminium  | 27-2  | 151304   | 150381   | 151719   | 151135   | 0.45   | cps   |
| Antimony   | 121-1 | 8570     | 8820     | 8895     | 8762     | 1.94   | cps   |
| Arsenic    | 75-2  | 3093     | 2995     | 3004     | 3031     | 1.79   | cps   |
| Barium     | 135-1 | 293521   | 297398   | 294715   | 295212   | 0.67   | cps   |
| Barium     | 137-1 | 511853   | 515046   | 516843   | 514581   | 0.49   | cps   |
| Beryllium  | 9-1   | 1139     | 1200     | 1039     | 1126     | 7.22   | cps   |
| Bismuth    | 209-1 | 6527597  | 6630033  | 6638606  | 6598745  | 0.94   | cps   |
| Bismuth    | 209-2 | 1611707  | 1574133  | 1535042  | 1573628  | 2.44   | cps   |
| Boron      | 10-1  | 817      | 742      | 833      | 797      | 6.13   | cps   |
| Boron      | 11-1  | 3576     | 3617     | 3359     | 3517     | 3.94   | cps   |
| Cadmium    | 111-1 | 1354     | 1173     | 1431     | 1319     | 10.02  | cps   |
| Cadmium    | 106-1 | 1492     | 1267     | 1584     | 1447     | 11.26  | cps   |
| Cadmium    | 108-1 | 46       | 67       | 75       | 63       | 24.04  | cps   |
| Calcium    | 43-1  | 133043   | 132201   | 132385   | 132543   | 0.33   | cps   |
| Calcium    | 44-1  | 2211287  | 2218045  | 2210280  | 2213204  | 0.19   | cps   |
| Chromium   | 52-2  | 26933    | 27430    | 27534    | 27299    | 1.18   | cps   |
| Cobalt     | 59-2  | 46808    | 47043    | 47351    | 47067    | 0.58   | cps   |
| Copper     | 63-2  | 143377   | 144819   | 145006   | 144401   | 0.62   | cps   |
| Dysprosium | 156-1 | 26494    | 27555    | 27304    | 27118    | 2.04   | cps   |
| Dysprosium | 156-2 | 5961     | 6348     | 6348     | 6219     | 3.59   | cps   |
| Erbium     | 164-1 | 26394    | 25626    | 26211    | 26077    | 1.54   | cps   |
| Erbium     | 164-2 | 4958     | 4764     | 5001     | 4908     | 2.57   | cps   |
| Gadolinium | 160-1 | 27313    | 29200    | 28223    | 28245    | 3.34   | cps   |
| Gadolinium | 160-2 | 7446     | 7619     | 7135     | 7400     | 3.31   | cps   |
| Holmium    | 165-1 | 9853510  | 10018125 | 9964329  | 9945321  | 0.84   | cps   |
| Holmium    | 165-2 | 2042790  | 2035758  | 2025790  | 2034779  | 0.42   | cps   |
| Indium     | 115-1 | 7389501  | 7590400  | 7515866  | 7498589  | 1.35   | cps   |
| Indium     | 115-2 | 341137   | 337695   | 333758   | 337530   | 1.09   | cps   |
| Iron       | 56-2  | 27412168 | 27519001 | 27840305 | 27590491 | 0.81   | cps   |
| Iron       | 57-2  | 678538   | 683944   | 689069   | 683850   | 0.77   | cps   |
| Lead       | 206-1 | 30164    | 30832    | 30108    | 30368    | 1.33   | cps   |
| Lead       | 207-1 | 25554    | 25621    | 25916    | 25697    | 0.75   | cps   |
| Lead       | 208-1 | 120829   | 119309   | 119650   | 119930   | 0.67   | cps   |
| Lithium    | 6-1   | 1349040  | 1395737  | 1399355  | 1381378  | 2.03   | cps   |
| Magnesium  | 24-2  | 243357   | 242915   | 241437   | 242570   | 0.41   | cps   |
| Manganese  | 55-2  | 300183   | 299928   | 302906   | 301006   | 0.55   | cps   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB94089             | Operator :        | Jaswal    |
| Lab Sample ID :         | J1987-01            | Instrumnet Name : | P8        |
| Client Sample ID :      | MJHR70              | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2018-03-22 13:27:43 | DataFile Name :   | 025SMPL.d |

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|------------|-------|----------|----------|----------|----------|--------|-------|
| Molybdenum | 94-1  | 4651     | 5210     | 4743     | 4868     | 6.15   | cps   |
| Molybdenum | 95-1  | 1300     | 1659     | 1834     | 1597     | 17.02  | cps   |
| Molybdenum | 96-1  | 2550     | 2900     | 2725     | 2725     | 6.42   | cps   |
| Molybdenum | 97-1  | 967      | 1183     | 1058     | 1070     | 10.17  | cps   |
| Molybdenum | 98-1  | 2259     | 2467     | 2625     | 2450     | 7.51   | cps   |
| Neodymium  | 150-1 | 39239    | 38818    | 39179    | 39079    | 0.58   | cps   |
| Neodymium  | 150-2 | 5004     | 4904     | 4994     | 4968     | 1.11   | cps   |
| Nickel     | 60-2  | 11682    | 11171    | 11548    | 11467    | 2.31   | cps   |
| Phosphorus | 31-2  | 517      | 450      | 350      | 439      | 19.11  | cps   |
| Potassium  | 39-2  | 8078     | 8395     | 8244     | 8239     | 1.92   | cps   |
| Rhodium    | 103-1 | 6706311  | 6907151  | 6822165  | 6811876  | 1.48   | cps   |
| Rhodium    | 103-2 | 1903278  | 1926228  | 1902758  | 1910754  | 0.70   | cps   |
| Scandium   | 45-1  | 3965885  | 4032486  | 4071891  | 4023421  | 1.33   | cps   |
| Scandium   | 45-2  | 39386    | 39489    | 38430    | 39102    | 1.49   | cps   |
| Selenium   | 77-2  | 30       | 43       | 33       | 36       | 19.51  | cps   |
| Selenium   | 78-2  | 17       | 15       | 17       | 16       | 6.69   | cps   |
| Selenium   | 82-1  | 126      | 93       | 109      | 109      | 15.07  | cps   |
| Silicon    | 28-1  | 2876601  | 2877547  | 2929359  | 2894503  | 1.04   | cps   |
| Silver     | 109-1 | 758      | 858      | 883      | 833      | 7.94   | cps   |
| Silver     | 107-1 | 817      | 892      | 883      | 864      | 4.76   | cps   |
| Sodium     | 23-2  | 22602    | 23504    | 22277    | 22794    | 2.79   | cps   |
| Strontium  | 86-1  | 201085   | 201937   | 203722   | 202248   | 0.67   | cps   |
| Strontium  | 88-1  | 1803625  | 1798074  | 1806132  | 1802611  | 0.23   | cps   |
| Sulfur     | 34-1  | 255154   | 253236   | 250129   | 252840   | 1.00   | cps   |
| Terbium    | 159-1 | 10203877 | 10452910 | 10395292 | 10350693 | 1.26   | cps   |
| Terbium    | 159-2 | 1991656  | 1983111  | 1943930  | 1972899  | 1.29   | cps   |
| Thallium   | 203-1 | 1600     | 1425     | 1417     | 1481     | 6.99   | cps   |
| Thallium   | 205-1 | 3401     | 3367     | 3692     | 3487     | 5.13   | cps   |
| Tin        | 118-1 | 4776     | 5401     | 5401     | 5193     | 6.95   | cps   |
| Titanium   | 47-1  | 126416   | 127309   | 129409   | 127711   | 1.20   | cps   |
| Uranium    | 238-1 | 5585     | 5526     | 5652     | 5588     | 1.12   | cps   |
| Vanadium   | 51-2  | 66490    | 67160    | 67937    | 67196    | 1.08   | cps   |
| Yttrium    | 89-1  | 7827977  | 8063409  | 8057162  | 7982849  | 1.68   | cps   |
| Yttrium    | 89-2  | 270602   | 269468   | 264003   | 268024   | 1.32   | cps   |
| Zinc       | 66-2  | 16470    | 16563    | 16413    | 16482    | 0.46   | cps   |
| Zirconium  | 90-1  | 11047    | 10730    | 10997    | 10924    | 1.56   | cps   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB94089             | Operator :        | Jaswal    |
| Lab Sample ID :         | J1987-01            | Instrumnet Name : | P8        |
| Client Sample ID :      | MJHR70              | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2018-03-22 13:27:43 | DataFile Name :   | 025SMPL.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|-----------|------|------|------|------|---------|--------|-------|
| Zirconium | 91-1 | 2442 | 2475 | 2342 | 2420    | 2.87   | cps   |



|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB94089             | Operator :        | Jaswal    |
| Lab Sample ID :         | J1987-02            | Instrumnet Name : | P8        |
| Client Sample ID :      | MJHR70D             | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2018-03-22 13:31:02 | DataFile Name :   | 026SMPL.d |

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|------------|-------|----------|----------|----------|----------|--------|-------|
| Aluminium  | 27-2  | 152326   | 148950   | 149716   | 150330   | 1.18   | cps   |
| Antimony   | 121-1 | 8061     | 8345     | 8445     | 8283     | 2.40   | cps   |
| Arsenic    | 75-2  | 3036     | 3010     | 2854     | 2966     | 3.31   | cps   |
| Barium     | 135-1 | 296417   | 290799   | 293403   | 293540   | 0.96   | cps   |
| Barium     | 137-1 | 509141   | 504255   | 506716   | 506704   | 0.48   | cps   |
| Beryllium  | 9-1   | 1083     | 1106     | 1017     | 1069     | 4.33   | cps   |
| Bismuth    | 209-1 | 6476918  | 6519296  | 6542850  | 6513022  | 0.51   | cps   |
| Bismuth    | 209-2 | 1553458  | 1540121  | 1513234  | 1535604  | 1.33   | cps   |
| Boron      | 10-1  | 658      | 642      | 783      | 694      | 11.15  | cps   |
| Boron      | 11-1  | 3150     | 3225     | 3042     | 3139     | 2.94   | cps   |
| Cadmium    | 111-1 | 1069     | 1246     | 1208     | 1174     | 7.93   | cps   |
| Cadmium    | 106-1 | 1183     | 1367     | 1292     | 1281     | 7.20   | cps   |
| Cadmium    | 108-1 | 79       | 88       | 42       | 69       | 35.15  | cps   |
| Calcium    | 43-1  | 132688   | 130595   | 132284   | 131856   | 0.84   | cps   |
| Calcium    | 44-1  | 2204958  | 2198948  | 2207753  | 2203886  | 0.20   | cps   |
| Chromium   | 52-2  | 26682    | 27056    | 27030    | 26923    | 0.78   | cps   |
| Cobalt     | 59-2  | 46046    | 46635    | 46762    | 46481    | 0.82   | cps   |
| Copper     | 63-2  | 142151   | 144350   | 142983   | 143162   | 0.78   | cps   |
| Dysprosium | 156-1 | 27062    | 26887    | 27638    | 27196    | 1.45   | cps   |
| Dysprosium | 156-2 | 6312     | 6192     | 6155     | 6219     | 1.32   | cps   |
| Erbium     | 164-1 | 26119    | 25609    | 25468    | 25732    | 1.33   | cps   |
| Erbium     | 164-2 | 4954     | 4974     | 4991     | 4973     | 0.37   | cps   |
| Gadolinium | 160-1 | 28282    | 28516    | 28474    | 28424    | 0.44   | cps   |
| Gadolinium | 160-2 | 7339     | 7349     | 7442     | 7377     | 0.77   | cps   |
| Holmium    | 165-1 | 9799542  | 9929025  | 9939193  | 9889253  | 0.79   | cps   |
| Holmium    | 165-2 | 2040827  | 2035841  | 1970673  | 2015780  | 1.94   | cps   |
| Indium     | 115-1 | 7347115  | 7400591  | 7518362  | 7422023  | 1.18   | cps   |
| Indium     | 115-2 | 338983   | 335361   | 333075   | 335806   | 0.89   | cps   |
| Iron       | 56-2  | 27129723 | 27040964 | 27357103 | 27175930 | 0.60   | cps   |
| Iron       | 57-2  | 677262   | 667798   | 672816   | 672625   | 0.70   | cps   |
| Lead       | 206-1 | 29763    | 29830    | 30337    | 29977    | 1.05   | cps   |
| Lead       | 207-1 | 25431    | 24947    | 24619    | 24999    | 1.64   | cps   |
| Lead       | 208-1 | 117079   | 115406   | 117214   | 116566   | 0.86   | cps   |
| Lithium    | 6-1   | 1361167  | 1366780  | 1360566  | 1362838  | 0.25   | cps   |
| Magnesium  | 24-2  | 237518   | 237822   | 234451   | 236597   | 0.79   | cps   |
| Manganese  | 55-2  | 297118   | 294725   | 298210   | 296685   | 0.60   | cps   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB94089             | Operator :        | Jaswal    |
| Lab Sample ID :         | J1987-02            | Instrumnet Name : | P8        |
| Client Sample ID :      | MJHR70D             | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2018-03-22 13:31:02 | DataFile Name :   | 026SMPL.d |

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|------------|-------|----------|----------|----------|----------|--------|-------|
| Molybdenum | 94-1  | 4843     | 4426     | 4618     | 4629     | 4.51   | cps   |
| Molybdenum | 95-1  | 1450     | 1325     | 1684     | 1486     | 12.24  | cps   |
| Molybdenum | 96-1  | 2692     | 2650     | 2409     | 2584     | 5.92   | cps   |
| Molybdenum | 97-1  | 900      | 1158     | 1142     | 1067     | 13.55  | cps   |
| Molybdenum | 98-1  | 2150     | 2275     | 2317     | 2248     | 3.86   | cps   |
| Neodymium  | 150-1 | 39132    | 38731    | 38116    | 38660    | 1.32   | cps   |
| Neodymium  | 150-2 | 5168     | 5061     | 4858     | 5029     | 3.13   | cps   |
| Nickel     | 60-2  | 11638    | 11508    | 11241    | 11463    | 1.77   | cps   |
| Phosphorus | 31-2  | 358      | 308      | 317      | 328      | 8.17   | cps   |
| Potassium  | 39-2  | 7861     | 8011     | 8386     | 8086     | 3.35   | cps   |
| Rhodium    | 103-1 | 6706687  | 6766298  | 6769055  | 6747347  | 0.52   | cps   |
| Rhodium    | 103-2 | 1930086  | 1885739  | 1875759  | 1897195  | 1.52   | cps   |
| Scandium   | 45-1  | 3961972  | 3926111  | 4032562  | 3973548  | 1.36   | cps   |
| Scandium   | 45-2  | 39262    | 38667    | 38149    | 38692    | 1.44   | cps   |
| Selenium   | 77-2  | 23       | 23       | 27       | 24       | 7.89   | cps   |
| Selenium   | 78-2  | 7        | 13       | 20       | 14       | 47.88  | cps   |
| Selenium   | 82-1  | 112      | 84       | 61       | 86       | 30.12  | cps   |
| Silicon    | 28-1  | 2920562  | 2866531  | 2891168  | 2892754  | 0.94   | cps   |
| Silver     | 109-1 | 1050     | 942      | 950      | 981      | 6.15   | cps   |
| Silver     | 107-1 | 1092     | 967      | 1158     | 1072     | 9.07   | cps   |
| Sodium     | 23-2  | 22360    | 22343    | 22435    | 22380    | 0.22   | cps   |
| Strontium  | 86-1  | 203242   | 201853   | 200698   | 201931   | 0.63   | cps   |
| Strontium  | 88-1  | 1823227  | 1816213  | 1806251  | 1815230  | 0.47   | cps   |
| Sulfur     | 34-1  | 235920   | 234751   | 233548   | 234740   | 0.51   | cps   |
| Terbium    | 159-1 | 10092606 | 10199614 | 10281884 | 10191368 | 0.93   | cps   |
| Terbium    | 159-2 | 1964808  | 1946699  | 1919425  | 1943644  | 1.18   | cps   |
| Thallium   | 203-1 | 1075     | 1317     | 1383     | 1258     | 12.89  | cps   |
| Thallium   | 205-1 | 2992     | 3109     | 3284     | 3128     | 4.69   | cps   |
| Tin        | 118-1 | 4884     | 5635     | 5343     | 5287     | 7.15   | cps   |
| Titanium   | 47-1  | 123063   | 120910   | 124062   | 122678   | 1.31   | cps   |
| Uranium    | 238-1 | 5360     | 5318     | 5468     | 5382     | 1.44   | cps   |
| Vanadium   | 51-2  | 67033    | 66872    | 65988    | 66631    | 0.84   | cps   |
| Yttrium    | 89-1  | 7882435  | 8033589  | 8049569  | 7988531  | 1.15   | cps   |
| Yttrium    | 89-2  | 266142   | 264783   | 263239   | 264722   | 0.55   | cps   |
| Zinc       | 66-2  | 19594    | 19587    | 19237    | 19473    | 1.05   | cps   |
| Zirconium  | 90-1  | 10021    | 11429    | 10113    | 10521    | 7.49   | cps   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB94089             | Operator :        | Jaswal    |
| Lab Sample ID :         | J1987-02            | Instrumnet Name : | P8        |
| Client Sample ID :      | MJHR70D             | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2018-03-22 13:31:02 | DataFile Name :   | 026SMPL.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|-----------|------|------|------|------|---------|--------|-------|
| Zirconium | 91-1 | 2367 | 2250 | 2425 | 2348    | 3.80   | cps   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB94089             | Operator :        | Jaswal    |
| Lab Sample ID :         | J1987-03            | Instrumnet Name : | P8        |
| Client Sample ID :      | MJHR70S             | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2018-03-22 13:34:21 | DataFile Name :   | 027SMPL.d |

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|------------|-------|----------|----------|----------|----------|--------|-------|
| Aluminium  | 27-2  | 150210   | 147256   | 147233   | 148233   | 1.16   | cps   |
| Antimony   | 121-1 | 131619   | 130971   | 127562   | 130051   | 1.68   | cps   |
| Arsenic    | 75-2  | 3402     | 3589     | 3400     | 3464     | 3.13   | cps   |
| Barium     | 135-1 | 815037   | 822127   | 814113   | 817092   | 0.54   | cps   |
| Barium     | 137-1 | 1431627  | 1430486  | 1425016  | 1429043  | 0.25   | cps   |
| Beryllium  | 9-1   | 8330     | 7641     | 8214     | 8062     | 4.58   | cps   |
| Bismuth    | 209-1 | 6449498  | 6442127  | 6664631  | 6518752  | 1.94   | cps   |
| Bismuth    | 209-2 | 1534523  | 1549273  | 1566227  | 1550008  | 1.02   | cps   |
| Boron      | 10-1  | 517      | 733      | 600      | 617      | 17.72  | cps   |
| Boron      | 11-1  | 2867     | 2934     | 2942     | 2914     | 1.41   | cps   |
| Cadmium    | 111-1 | 13379    | 13067    | 13441    | 13296    | 1.51   | cps   |
| Cadmium    | 106-1 | 2367     | 2350     | 2342     | 2353     | 0.54   | cps   |
| Cadmium    | 108-1 | 917      | 846      | 875      | 879      | 4.05   | cps   |
| Calcium    | 43-1  | 130838   | 132580   | 129686   | 131035   | 1.11   | cps   |
| Calcium    | 44-1  | 2185542  | 2190343  | 2167283  | 2181056  | 0.56   | cps   |
| Chromium   | 52-2  | 50270    | 50223    | 49347    | 49947    | 1.04   | cps   |
| Cobalt     | 59-2  | 171156   | 170198   | 171888   | 171081   | 0.50   | cps   |
| Copper     | 63-2  | 196193   | 194484   | 195703   | 195460   | 0.45   | cps   |
| Dysprosium | 156-1 | 27880    | 26870    | 26971    | 27240    | 2.04   | cps   |
| Dysprosium | 156-2 | 6088     | 6182     | 5878     | 6049     | 2.57   | cps   |
| Erbium     | 164-1 | 25200    | 25292    | 24916    | 25136    | 0.78   | cps   |
| Erbium     | 164-2 | 4924     | 4944     | 4748     | 4872     | 2.22   | cps   |
| Gadolinium | 160-1 | 27831    | 27614    | 27280    | 27575    | 1.01   | cps   |
| Gadolinium | 160-2 | 7739     | 7245     | 7439     | 7474     | 3.33   | cps   |
| Holmium    | 165-1 | 9772446  | 9620399  | 9904961  | 9765935  | 1.46   | cps   |
| Holmium    | 165-2 | 2015349  | 2026737  | 2017011  | 2019699  | 0.30   | cps   |
| Indium     | 115-1 | 7420060  | 7227261  | 7414325  | 7353882  | 1.49   | cps   |
| Indium     | 115-2 | 330888   | 337033   | 332174   | 333365   | 0.97   | cps   |
| Iron       | 56-2  | 26793574 | 26910058 | 26617293 | 26773642 | 0.55   | cps   |
| Iron       | 57-2  | 668129   | 665468   | 661614   | 665070   | 0.49   | cps   |
| Lead       | 206-1 | 46117    | 45878    | 46162    | 46053    | 0.33   | cps   |
| Lead       | 207-1 | 39685    | 39122    | 39468    | 39425    | 0.72   | cps   |
| Lead       | 208-1 | 183331   | 184101   | 183818   | 183750   | 0.21   | cps   |
| Lithium    | 6-1   | 1330166  | 1353423  | 1374286  | 1352625  | 1.63   | cps   |
| Magnesium  | 24-2  | 231354   | 231588   | 229937   | 230960   | 0.39   | cps   |
| Manganese  | 55-2  | 310863   | 310220   | 308236   | 309773   | 0.44   | cps   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB94089             | Operator :        | Jaswal    |
| Lab Sample ID :         | J1987-03            | Instrumnet Name : | P8        |
| Client Sample ID :      | MJHR70S             | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2018-03-22 13:34:21 | DataFile Name :   | 027SMPL.d |

| Parameter  | Mass  | CPS1     | CPS2    | CPS3     | CPSMean  | CPSRSD | Units |
|------------|-------|----------|---------|----------|----------|--------|-------|
| Molybdenum | 94-1  | 4368     | 4368    | 4651     | 4462     | 3.67   | cps   |
| Molybdenum | 95-1  | 1600     | 1825    | 1850     | 1759     | 7.83   | cps   |
| Molybdenum | 96-1  | 2559     | 2850    | 2717     | 2709     | 5.39   | cps   |
| Molybdenum | 97-1  | 1025     | 1117    | 1050     | 1064     | 4.45   | cps   |
| Molybdenum | 98-1  | 2467     | 2700    | 2459     | 2542     | 5.40   | cps   |
| Neodymium  | 150-1 | 38484    | 38851   | 38764    | 38700    | 0.50   | cps   |
| Neodymium  | 150-2 | 5031     | 5258    | 5094     | 5128     | 2.28   | cps   |
| Nickel     | 60-2  | 47695    | 47254   | 47190    | 47379    | 0.58   | cps   |
| Phosphorus | 31-2  | 208      | 342     | 342      | 297      | 25.90  | cps   |
| Potassium  | 39-2  | 8228     | 8161    | 7436     | 7941     | 5.53   | cps   |
| Rhodium    | 103-1 | 6698324  | 6705364 | 6878408  | 6760699  | 1.51   | cps   |
| Rhodium    | 103-2 | 1865601  | 1907710 | 1858644  | 1877319  | 1.41   | cps   |
| Scandium   | 45-1  | 3942031  | 3944373 | 4009673  | 3965359  | 0.97   | cps   |
| Scandium   | 45-2  | 38276    | 38249   | 38166    | 38230    | 0.15   | cps   |
| Selenium   | 77-2  | 37       | 33      | 53       | 41       | 26.06  | cps   |
| Selenium   | 78-2  | 59       | 52      | 63       | 58       | 9.75   | cps   |
| Selenium   | 82-1  | 1710     | 1568    | 1548     | 1609     | 5.49   | cps   |
| Silicon    | 28-1  | 2886997  | 2889282 | 2830252  | 2868844  | 1.17   | cps   |
| Silver     | 109-1 | 57249    | 57591   | 57666    | 57502    | 0.39   | cps   |
| Silver     | 107-1 | 60168    | 60068   | 59851    | 60029    | 0.27   | cps   |
| Sodium     | 23-2  | 22168    | 22176   | 21701    | 22015    | 1.24   | cps   |
| Strontium  | 86-1  | 200246   | 200932  | 203131   | 201437   | 0.75   | cps   |
| Strontium  | 88-1  | 1806569  | 1772350 | 1773869  | 1784263  | 1.08   | cps   |
| Sulfur     | 34-1  | 227239   | 227258  | 222948   | 225815   | 1.10   | cps   |
| Terbium    | 159-1 | 10107659 | 9863655 | 10284872 | 10085395 | 2.10   | cps   |
| Terbium    | 159-2 | 1954243  | 1988424 | 1931806  | 1958158  | 1.46   | cps   |
| Thallium   | 203-1 | 53195    | 52962   | 52785    | 52981    | 0.39   | cps   |
| Thallium   | 205-1 | 126020   | 127685  | 126752   | 126819   | 0.66   | cps   |
| Tin        | 118-1 | 5618     | 5501    | 5193     | 5437     | 4.04   | cps   |
| Titanium   | 47-1  | 123793   | 122365  | 119372   | 121843   | 1.85   | cps   |
| Uranium    | 238-1 | 5376     | 5118    | 5376     | 5290     | 2.82   | cps   |
| Vanadium   | 51-2  | 110323   | 109847  | 109597   | 109922   | 0.34   | cps   |
| Yttrium    | 89-1  | 7877341  | 7760986 | 8137818  | 7925382  | 2.43   | cps   |
| Yttrium    | 89-2  | 259965   | 264791  | 261105   | 261954   | 0.96   | cps   |
| Zinc       | 66-2  | 25140    | 25527   | 25687    | 25451    | 1.11   | cps   |
| Zirconium  | 90-1  | 9562     | 9779    | 9854     | 9732     | 1.56   | cps   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB94089             | Operator :        | Jaswal    |
| Lab Sample ID :         | J1987-03            | Instrumnet Name : | P8        |
| Client Sample ID :      | MJHR70S             | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2018-03-22 13:34:21 | DataFile Name :   | 027SMPL.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|-----------|------|------|------|------|---------|--------|-------|
| Zirconium | 91-1 | 1917 | 2475 | 2034 | 2142    | 13.75  | cps   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB94089             | Operator :        | Jaswal    |
| Lab Sample ID :         | J1987-01LX5         | Instrumnet Name : | P8        |
| Client Sample ID :      | MJHR70L             | Dilution Factor : | 5         |
| Date & Time Acquired :: | 2018-03-22 13:37:40 | DataFile Name :   | 028SMPL.d |

| Parameter  | Mass  | CPS1    | CPS2    | CPS3    | CPSMean | CPSRSD | Units |
|------------|-------|---------|---------|---------|---------|--------|-------|
| Aluminium  | 27-2  | 31720   | 31085   | 30383   | 31063   | 2.15   | cps   |
| Antimony   | 121-1 | 2175    | 2100    | 2417    | 2231    | 7.42   | cps   |
| Arsenic    | 75-2  | 641     | 578     | 615     | 611     | 5.18   | cps   |
| Barium     | 135-1 | 62347   | 62976   | 62800   | 62708   | 0.52   | cps   |
| Barium     | 137-1 | 109928  | 105561  | 108182  | 107891  | 2.04   | cps   |
| Beryllium  | 9-1   | 344     | 378     | 394     | 372     | 6.84   | cps   |
| Bismuth    | 209-1 | 6570463 | 6508421 | 6558681 | 6545855 | 0.50   | cps   |
| Bismuth    | 209-2 | 1552227 | 1574646 | 1538931 | 1555268 | 1.16   | cps   |
| Boron      | 10-1  | 417     | 350     | 333     | 367     | 12.03  | cps   |
| Boron      | 11-1  | 1600    | 1892    | 1809    | 1767    | 8.50   | cps   |
| Cadmium    | 111-1 | 984     | 903     | 988     | 959     | 5.00   | cps   |
| Cadmium    | 106-1 | 1325    | 1150    | 1292    | 1256    | 7.40   | cps   |
| Cadmium    | 108-1 | 8       | 8       | 17      | 11      | 43.34  | cps   |
| Calcium    | 43-1  | 27762   | 28388   | 28563   | 28238   | 1.49   | cps   |
| Calcium    | 44-1  | 464587  | 467952  | 463159  | 465233  | 0.53   | cps   |
| Chromium   | 52-2  | 5931    | 5808    | 5791    | 5844    | 1.31   | cps   |
| Cobalt     | 59-2  | 10137   | 9667    | 9610    | 9805    | 2.95   | cps   |
| Copper     | 63-2  | 29411   | 30537   | 30410   | 30119   | 2.05   | cps   |
| Dysprosium | 156-1 | 5460    | 5802    | 6102    | 5788    | 5.55   | cps   |
| Dysprosium | 156-2 | 1313    | 1220    | 1293    | 1276    | 3.85   | cps   |
| Erbium     | 164-1 | 5885    | 5301    | 5518    | 5568    | 5.30   | cps   |
| Erbium     | 164-2 | 1083    | 1090    | 1090    | 1088    | 0.35   | cps   |
| Gadolinium | 160-1 | 5860    | 6402    | 6027    | 6096    | 4.55   | cps   |
| Gadolinium | 160-2 | 1693    | 1543    | 1627    | 1621    | 4.64   | cps   |
| Holmium    | 165-1 | 9806400 | 9615889 | 9896882 | 9773057 | 1.47   | cps   |
| Holmium    | 165-2 | 2016303 | 2032864 | 2001301 | 2016823 | 0.78   | cps   |
| Indium     | 115-1 | 7452016 | 7265833 | 7492637 | 7403495 | 1.63   | cps   |
| Indium     | 115-2 | 335549  | 338296  | 333318  | 335721  | 0.74   | cps   |
| Iron       | 56-2  | 5818777 | 5723703 | 5816535 | 5786338 | 0.94   | cps   |
| Iron       | 57-2  | 143384  | 143358  | 143605  | 143449  | 0.09   | cps   |
| Lead       | 206-1 | 7124    | 7063    | 7080    | 7089    | 0.45   | cps   |
| Lead       | 207-1 | 6296    | 6068    | 5790    | 6052    | 4.19   | cps   |
| Lead       | 208-1 | 27829   | 27234   | 27424   | 27496   | 1.11   | cps   |
| Lithium    | 6-1   | 1319972 | 1321161 | 1332681 | 1324605 | 0.53   | cps   |
| Magnesium  | 24-2  | 50850   | 49763   | 49437   | 50017   | 1.48   | cps   |
| Manganese  | 55-2  | 62459   | 62837   | 61833   | 62376   | 0.81   | cps   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB94089             | Operator :        | Jaswal    |
| Lab Sample ID :         | J1987-01LX5         | Instrumnet Name : | P8        |
| Client Sample ID :      | MJHR70L             | Dilution Factor : | 5         |
| Date & Time Acquired :: | 2018-03-22 13:37:40 | DataFile Name :   | 028SMPL.d |

| Parameter  | Mass  | CPS1     | CPS2    | CPS3     | CPSMean  | CPSRSD | Units |
|------------|-------|----------|---------|----------|----------|--------|-------|
| Molybdenum | 94-1  | 975      | 1067    | 1258     | 1100     | 13.14  | cps   |
| Molybdenum | 95-1  | 417      | 417     | 525      | 453      | 13.82  | cps   |
| Molybdenum | 96-1  | 692      | 800     | 833      | 775      | 9.56   | cps   |
| Molybdenum | 97-1  | 183      | 292     | 358      | 278      | 31.80  | cps   |
| Molybdenum | 98-1  | 592      | 850     | 808      | 750      | 18.49  | cps   |
| Neodymium  | 150-1 | 7989     | 8583    | 8463     | 8345     | 3.76   | cps   |
| Neodymium  | 150-2 | 1103     | 1037    | 1110     | 1083     | 3.74   | cps   |
| Nickel     | 60-2  | 2627     | 2800    | 2770     | 2733     | 3.39   | cps   |
| Phosphorus | 31-2  | 117      | 100     | 50       | 89       | 39.03  | cps   |
| Potassium  | 39-2  | 3742     | 3642    | 3234     | 3539     | 7.61   | cps   |
| Rhodium    | 103-1 | 6829430  | 6643576 | 6804157  | 6759054  | 1.49   | cps   |
| Rhodium    | 103-2 | 1891595  | 1931983 | 1875706  | 1899761  | 1.53   | cps   |
| Scandium   | 45-1  | 3868007  | 3850047 | 3921535  | 3879863  | 0.96   | cps   |
| Scandium   | 45-2  | 36912    | 37524   | 37310    | 37248    | 0.83   | cps   |
| Selenium   | 77-2  | 7        | 13      | 0        | 7        | 99.98  | cps   |
| Selenium   | 78-2  | 11       | 11      | 11       | 11       | 0.00   | cps   |
| Selenium   | 82-1  | 33       | 17      | 26       | 25       | 31.52  | cps   |
| Silicon    | 28-1  | 934143   | 920400  | 926160   | 926901   | 0.74   | cps   |
| Silver     | 109-1 | 442      | 400     | 450      | 431      | 6.22   | cps   |
| Silver     | 107-1 | 433      | 333     | 467      | 411      | 16.88  | cps   |
| Sodium     | 23-2  | 9053     | 8761    | 9128     | 8981     | 2.16   | cps   |
| Strontium  | 86-1  | 43955    | 42835   | 42918    | 43236    | 1.44   | cps   |
| Strontium  | 88-1  | 369912   | 373899  | 370585   | 371465   | 0.57   | cps   |
| Sulfur     | 34-1  | 221965   | 220257  | 222083   | 221435   | 0.46   | cps   |
| Terbium    | 159-1 | 10117333 | 9997494 | 10167924 | 10094251 | 0.87   | cps   |
| Terbium    | 159-2 | 1956416  | 1977670 | 1927102  | 1953729  | 1.30   | cps   |
| Thallium   | 203-1 | 542      | 517     | 533      | 531      | 2.40   | cps   |
| Thallium   | 205-1 | 1108     | 1075    | 1258     | 1147     | 8.51   | cps   |
| Tin        | 118-1 | 1408     | 1617    | 1617     | 1547     | 7.77   | cps   |
| Titanium   | 47-1  | 27403    | 27954   | 26326    | 27227    | 3.04   | cps   |
| Uranium    | 238-1 | 1283     | 1350    | 1150     | 1261     | 8.08   | cps   |
| Vanadium   | 51-2  | 13994    | 14041   | 14287    | 14107    | 1.12   | cps   |
| Yttrium    | 89-1  | 7680940  | 7537176 | 7711999  | 7643371  | 1.22   | cps   |
| Yttrium    | 89-2  | 255175   | 257526  | 251956   | 254886   | 1.10   | cps   |
| Zinc       | 66-2  | 3627     | 3514    | 3707     | 3616     | 2.69   | cps   |
| Zirconium  | 90-1  | 2767     | 2359    | 2284     | 2470     | 10.53  | cps   |



|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB94089             | Operator :        | Jaswal    |
| Lab Sample ID :         | J1987-01LX5         | Instrumnet Name : | P8        |
| Client Sample ID :      | MJHR70L             | Dilution Factor : | 5         |
| Date & Time Acquired :: | 2018-03-22 13:37:40 | DataFile Name :   | 028SMPL.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|-----------|------|------|------|------|---------|--------|-------|
| Zirconium | 91-1 | 575  | 517  | 400  | 497     | 17.92  | cps   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB94089             | Operator :        | Jaswal    |
| Lab Sample ID :         | J1987-04            | Instrumnet Name : | P8        |
| Client Sample ID :      | MJHR71              | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2018-03-22 13:40:59 | DataFile Name :   | 029SMPL.d |

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|------------|-------|----------|----------|----------|----------|--------|-------|
| Aluminium  | 27-2  | 154878   | 151535   | 152823   | 153079   | 1.10   | cps   |
| Antimony   | 121-1 | 7986     | 8128     | 7711     | 7942     | 2.67   | cps   |
| Arsenic    | 75-2  | 2848     | 2767     | 2795     | 2803     | 1.48   | cps   |
| Barium     | 135-1 | 294698   | 292919   | 290262   | 292627   | 0.76   | cps   |
| Barium     | 137-1 | 508549   | 510885   | 507782   | 509072   | 0.32   | cps   |
| Beryllium  | 9-1   | 1033     | 978      | 939      | 983      | 4.83   | cps   |
| Bismuth    | 209-1 | 6558873  | 6509793  | 6672524  | 6580397  | 1.27   | cps   |
| Bismuth    | 209-2 | 1526696  | 1618576  | 1559480  | 1568251  | 2.97   | cps   |
| Boron      | 10-1  | 483      | 517      | 633      | 544      | 14.47  | cps   |
| Boron      | 11-1  | 2325     | 2525     | 2684     | 2511     | 7.15   | cps   |
| Cadmium    | 111-1 | 1077     | 1166     | 1247     | 1163     | 7.29   | cps   |
| Cadmium    | 106-1 | 1275     | 1392     | 1467     | 1378     | 7.01   | cps   |
| Cadmium    | 108-1 | 46       | 71       | 25       | 47       | 48.60  | cps   |
| Calcium    | 43-1  | 149506   | 149303   | 151812   | 150207   | 0.93   | cps   |
| Calcium    | 44-1  | 2520047  | 2499875  | 2487149  | 2502357  | 0.66   | cps   |
| Chromium   | 52-2  | 27410    | 27357    | 27768    | 27512    | 0.81   | cps   |
| Cobalt     | 59-2  | 49722    | 49394    | 50103    | 49740    | 0.71   | cps   |
| Copper     | 63-2  | 153277   | 153638   | 152712   | 153209   | 0.30   | cps   |
| Dysprosium | 156-1 | 32709    | 31807    | 32801    | 32439    | 1.69   | cps   |
| Dysprosium | 156-2 | 7089     | 7362     | 7219     | 7223     | 1.89   | cps   |
| Erbium     | 164-1 | 31389    | 30637    | 30921    | 30982    | 1.22   | cps   |
| Erbium     | 164-2 | 5958     | 6045     | 5878     | 5960     | 1.40   | cps   |
| Gadolinium | 160-1 | 33695    | 32717    | 33210    | 33207    | 1.47   | cps   |
| Gadolinium | 160-2 | 8927     | 9003     | 9060     | 8997     | 0.74   | cps   |
| Holmium    | 165-1 | 9938957  | 9789589  | 9904414  | 9877654  | 0.79   | cps   |
| Holmium    | 165-2 | 2016756  | 1992478  | 2018972  | 2009402  | 0.73   | cps   |
| Indium     | 115-1 | 7335583  | 7324120  | 7487311  | 7382338  | 1.23   | cps   |
| Indium     | 115-2 | 329672   | 334215   | 331535   | 331808   | 0.69   | cps   |
| Iron       | 56-2  | 27402306 | 27070068 | 27242201 | 27238192 | 0.61   | cps   |
| Iron       | 57-2  | 673481   | 673007   | 672257   | 672915   | 0.09   | cps   |
| Lead       | 206-1 | 34180    | 33590    | 32910    | 33560    | 1.89   | cps   |
| Lead       | 207-1 | 27029    | 27141    | 27948    | 27373    | 1.83   | cps   |
| Lead       | 208-1 | 128995   | 130767   | 129068   | 129610   | 0.77   | cps   |
| Lithium    | 6-1   | 1368015  | 1331393  | 1351457  | 1350288  | 1.36   | cps   |
| Magnesium  | 24-2  | 248010   | 243736   | 245026   | 245591   | 0.89   | cps   |
| Manganese  | 55-2  | 344973   | 343813   | 342487   | 343758   | 0.36   | cps   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB94089             | Operator :        | Jaswal    |
| Lab Sample ID :         | J1987-04            | Instrumnet Name : | P8        |
| Client Sample ID :      | MJHR71              | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2018-03-22 13:40:59 | DataFile Name :   | 029SMPL.d |

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|------------|-------|----------|----------|----------|----------|--------|-------|
| Molybdenum | 94-1  | 3959     | 4343     | 4109     | 4137     | 4.68   | cps   |
| Molybdenum | 95-1  | 1525     | 1425     | 1725     | 1558     | 9.80   | cps   |
| Molybdenum | 96-1  | 2459     | 2542     | 2692     | 2564     | 4.61   | cps   |
| Molybdenum | 97-1  | 883      | 925      | 1025     | 945      | 7.71   | cps   |
| Molybdenum | 98-1  | 2467     | 2325     | 2484     | 2425     | 3.59   | cps   |
| Neodymium  | 150-1 | 45091    | 46215    | 46336    | 45881    | 1.50   | cps   |
| Neodymium  | 150-2 | 5901     | 6108     | 6202     | 6070     | 2.53   | cps   |
| Nickel     | 60-2  | 11802    | 11522    | 11505    | 11609    | 1.44   | cps   |
| Phosphorus | 31-2  | 425      | 408      | 383      | 406      | 5.17   | cps   |
| Potassium  | 39-2  | 22644    | 22152    | 22244    | 22346    | 1.17   | cps   |
| Rhodium    | 103-1 | 6767295  | 6659712  | 6754608  | 6727205  | 0.87   | cps   |
| Rhodium    | 103-2 | 1876418  | 1915061  | 1920059  | 1903846  | 1.25   | cps   |
| Scandium   | 45-1  | 4037222  | 3907840  | 3975684  | 3973582  | 1.63   | cps   |
| Scandium   | 45-2  | 37260    | 38339    | 37982    | 37860    | 1.45   | cps   |
| Selenium   | 77-2  | 27       | 43       | 20       | 30       | 40.05  | cps   |
| Selenium   | 78-2  | 24       | 20       | 13       | 19       | 29.57  | cps   |
| Selenium   | 82-1  | 70       | 84       | 31       | 62       | 44.34  | cps   |
| Silicon    | 28-1  | 2861976  | 2774583  | 2789541  | 2808700  | 1.66   | cps   |
| Silver     | 109-1 | 708      | 800      | 808      | 772      | 7.19   | cps   |
| Silver     | 107-1 | 942      | 933      | 1058     | 978      | 7.15   | cps   |
| Sodium     | 23-2  | 19506    | 19306    | 18821    | 19211    | 1.83   | cps   |
| Strontium  | 86-1  | 216627   | 217109   | 220492   | 218076   | 0.97   | cps   |
| Strontium  | 88-1  | 1943666  | 1936993  | 1961419  | 1947359  | 0.65   | cps   |
| Sulfur     | 34-1  | 225289   | 226478   | 226392   | 226053   | 0.29   | cps   |
| Terbium    | 159-1 | 10327979 | 10147588 | 10342585 | 10272717 | 1.06   | cps   |
| Terbium    | 159-2 | 1951833  | 1980844  | 1970356  | 1967678  | 0.75   | cps   |
| Thallium   | 203-1 | 800      | 1017     | 867      | 895      | 12.41  | cps   |
| Thallium   | 205-1 | 2092     | 2192     | 1992     | 2092     | 4.78   | cps   |
| Tin        | 118-1 | 3976     | 3859     | 3776     | 3870     | 2.60   | cps   |
| Titanium   | 47-1  | 104588   | 103499   | 102583   | 103557   | 0.97   | cps   |
| Uranium    | 238-1 | 6168     | 5960     | 6719     | 6282     | 6.24   | cps   |
| Vanadium   | 51-2  | 68068    | 67736    | 67522    | 67775    | 0.41   | cps   |
| Yttrium    | 89-1  | 8044610  | 7974539  | 8088077  | 8035742  | 0.71   | cps   |
| Yttrium    | 89-2  | 260274   | 263099   | 265550   | 262974   | 1.00   | cps   |
| Zinc       | 66-2  | 12055    | 11879    | 12099    | 12011    | 0.97   | cps   |
| Zirconium  | 90-1  | 9220     | 9704     | 9012     | 9312     | 3.81   | cps   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB94089             | Operator :        | Jaswal    |
| Lab Sample ID :         | J1987-04            | Instrumnet Name : | P8        |
| Client Sample ID :      | MJHR71              | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2018-03-22 13:40:59 | DataFile Name :   | 029SMPL.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|-----------|------|------|------|------|---------|--------|-------|
| Zirconium | 91-1 | 2075 | 1900 | 2184 | 2053    | 6.96   | cps   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB94089             | Operator :        | Jaswal    |
| Lab Sample ID :         | J1987-05            | Instrumnet Name : | P8        |
| Client Sample ID :      | MJHR72              | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2018-03-22 13:44:19 | DataFile Name :   | 030SMPL.d |

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|------------|-------|----------|----------|----------|----------|--------|-------|
| Aluminium  | 27-2  | 162368   | 156740   | 158770   | 159293   | 1.79   | cps   |
| Antimony   | 121-1 | 7586     | 7736     | 7644     | 7655     | 0.99   | cps   |
| Arsenic    | 75-2  | 2915     | 3139     | 2911     | 2989     | 4.37   | cps   |
| Barium     | 135-1 | 297457   | 295344   | 300509   | 297770   | 0.87   | cps   |
| Barium     | 137-1 | 516082   | 512533   | 516167   | 514927   | 0.40   | cps   |
| Beryllium  | 9-1   | 1150     | 983      | 872      | 1002     | 13.96  | cps   |
| Bismuth    | 209-1 | 6691893  | 6662239  | 6724224  | 6692785  | 0.46   | cps   |
| Bismuth    | 209-2 | 1543786  | 1579971  | 1540588  | 1554782  | 1.41   | cps   |
| Boron      | 10-1  | 458      | 492      | 667      | 539      | 20.77  | cps   |
| Boron      | 11-1  | 2317     | 2650     | 2500     | 2489     | 6.71   | cps   |
| Cadmium    | 111-1 | 1224     | 1064     | 1004     | 1097     | 10.34  | cps   |
| Cadmium    | 106-1 | 1333     | 1292     | 1133     | 1253     | 8.42   | cps   |
| Cadmium    | 108-1 | 38       | 75       | 50       | 54       | 35.25  | cps   |
| Calcium    | 43-1  | 153970   | 152747   | 153252   | 153323   | 0.40   | cps   |
| Calcium    | 44-1  | 2534334  | 2502192  | 2482918  | 2506481  | 1.04   | cps   |
| Chromium   | 52-2  | 28746    | 28730    | 28389    | 28622    | 0.70   | cps   |
| Cobalt     | 59-2  | 50495    | 50260    | 49568    | 50108    | 0.96   | cps   |
| Copper     | 63-2  | 181049   | 180961   | 180714   | 180908   | 0.10   | cps   |
| Dysprosium | 156-1 | 32316    | 33101    | 32107    | 32508    | 1.61   | cps   |
| Dysprosium | 156-2 | 7122     | 7079     | 7249     | 7150     | 1.24   | cps   |
| Erbium     | 164-1 | 30787    | 31422    | 30512    | 30907    | 1.51   | cps   |
| Erbium     | 164-2 | 5778     | 5638     | 5845     | 5754     | 1.83   | cps   |
| Gadolinium | 160-1 | 32984    | 32600    | 33494    | 33026    | 1.36   | cps   |
| Gadolinium | 160-2 | 8580     | 8306     | 8736     | 8541     | 2.55   | cps   |
| Holmium    | 165-1 | 10133090 | 9967200  | 10130143 | 10076811 | 0.94   | cps   |
| Holmium    | 165-2 | 2007865  | 2058437  | 2007642  | 2024648  | 1.45   | cps   |
| Indium     | 115-1 | 7471009  | 7486531  | 7551793  | 7503111  | 0.57   | cps   |
| Indium     | 115-2 | 333985   | 334601   | 329976   | 332854   | 0.75   | cps   |
| Iron       | 56-2  | 30166223 | 29591215 | 29707142 | 29821526 | 1.02   | cps   |
| Iron       | 57-2  | 745143   | 742506   | 735340   | 740996   | 0.68   | cps   |
| Lead       | 206-1 | 33991    | 34057    | 33779    | 33942    | 0.43   | cps   |
| Lead       | 207-1 | 28338    | 28488    | 28544    | 28456    | 0.37   | cps   |
| Lead       | 208-1 | 132254   | 132739   | 132656   | 132550   | 0.20   | cps   |
| Lithium    | 6-1   | 1373684  | 1344169  | 1342288  | 1353380  | 1.30   | cps   |
| Magnesium  | 24-2  | 240561   | 238061   | 237297   | 238639   | 0.72   | cps   |
| Manganese  | 55-2  | 352705   | 350423   | 349280   | 350802   | 0.50   | cps   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB94089             | Operator :        | Jaswal    |
| Lab Sample ID :         | J1987-05            | Instrumnet Name : | P8        |
| Client Sample ID :      | MJHR72              | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2018-03-22 13:44:19 | DataFile Name :   | 030SMPL.d |

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|------------|-------|----------|----------|----------|----------|--------|-------|
| Molybdenum | 94-1  | 4301     | 4368     | 4126     | 4265     | 2.93   | cps   |
| Molybdenum | 95-1  | 1817     | 1592     | 1734     | 1714     | 6.64   | cps   |
| Molybdenum | 96-1  | 2992     | 2925     | 2759     | 2892     | 4.16   | cps   |
| Molybdenum | 97-1  | 1042     | 925      | 892      | 953      | 8.27   | cps   |
| Molybdenum | 98-1  | 2375     | 2500     | 2800     | 2559     | 8.54   | cps   |
| Neodymium  | 150-1 | 44510    | 44462    | 45172    | 44714    | 0.89   | cps   |
| Neodymium  | 150-2 | 5855     | 5871     | 6428     | 6051     | 5.39   | cps   |
| Nickel     | 60-2  | 11341    | 11772    | 11572    | 11562    | 1.86   | cps   |
| Phosphorus | 31-2  | 400      | 242      | 267      | 303      | 28.11  | cps   |
| Potassium  | 39-2  | 22302    | 21367    | 22644    | 22104    | 2.99   | cps   |
| Rhodium    | 103-1 | 6846217  | 6800962  | 6870625  | 6839268  | 0.52   | cps   |
| Rhodium    | 103-2 | 1876134  | 1918375  | 1899437  | 1897982  | 1.11   | cps   |
| Scandium   | 45-1  | 4065821  | 3941401  | 4007818  | 4005013  | 1.55   | cps   |
| Scandium   | 45-2  | 37554    | 38339    | 37992    | 37961    | 1.04   | cps   |
| Selenium   | 77-2  | 27       | 27       | 43       | 32       | 29.85  | cps   |
| Selenium   | 78-2  | 15       | 15       | 33       | 21       | 50.96  | cps   |
| Selenium   | 82-1  | 18       | 26       | 47       | 30       | 49.73  | cps   |
| Silicon    | 28-1  | 3128996  | 3159487  | 3094799  | 3127761  | 1.03   | cps   |
| Silver     | 109-1 | 717      | 758      | 900      | 792      | 12.14  | cps   |
| Silver     | 107-1 | 833      | 992      | 1033     | 953      | 11.08  | cps   |
| Sodium     | 23-2  | 20841    | 20457    | 21025    | 20774    | 1.39   | cps   |
| Strontium  | 86-1  | 224856   | 223620   | 222274   | 223583   | 0.58   | cps   |
| Strontium  | 88-1  | 2012719  | 1964900  | 1980535  | 1986051  | 1.23   | cps   |
| Sulfur     | 34-1  | 223711   | 221256   | 221449   | 222139   | 0.61   | cps   |
| Terbium    | 159-1 | 10398609 | 10228540 | 10507710 | 10378286 | 1.36   | cps   |
| Terbium    | 159-2 | 1937714  | 2006292  | 1971334  | 1971780  | 1.74   | cps   |
| Thallium   | 203-1 | 625      | 850      | 692      | 722      | 16.00  | cps   |
| Thallium   | 205-1 | 1984     | 2292     | 2175     | 2150     | 7.24   | cps   |
| Tin        | 118-1 | 4526     | 4326     | 4701     | 4518     | 4.15   | cps   |
| Titanium   | 47-1  | 115357   | 114599   | 115775   | 115244   | 0.52   | cps   |
| Uranium    | 238-1 | 6535     | 6844     | 6844     | 6741     | 2.64   | cps   |
| Vanadium   | 51-2  | 75050    | 73398    | 72892    | 73780    | 1.53   | cps   |
| Yttrium    | 89-1  | 8030635  | 7965871  | 8012379  | 8002962  | 0.42   | cps   |
| Yttrium    | 89-2  | 260720   | 267073   | 261901   | 263231   | 1.28   | cps   |
| Zinc       | 66-2  | 13490    | 13714    | 13337    | 13513    | 1.40   | cps   |
| Zirconium  | 90-1  | 8953     | 8995     | 8144     | 8698     | 5.51   | cps   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB94089             | Operator :        | Jaswal    |
| Lab Sample ID :         | J1987-05            | Instrumnet Name : | P8        |
| Client Sample ID :      | MJHR72              | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2018-03-22 13:44:19 | DataFile Name :   | 030SMPL.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|-----------|------|------|------|------|---------|--------|-------|
| Zirconium | 91-1 | 1917 | 1909 | 1942 | 1922    | 0.90   | cps   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB94089             | Operator :        | Jaswal    |
| Lab Sample ID :         | J1987-06            | Instrumnet Name : | P8        |
| Client Sample ID :      | MJHR73              | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2018-03-22 13:47:38 | DataFile Name :   | 031SMPL.d |

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|------------|-------|----------|----------|----------|----------|--------|-------|
| Aluminium  | 27-2  | 160725   | 158941   | 156910   | 158858   | 1.20   | cps   |
| Antimony   | 121-1 | 7853     | 8345     | 8044     | 8081     | 3.07   | cps   |
| Arsenic    | 75-2  | 3115     | 3121     | 3030     | 3089     | 1.65   | cps   |
| Barium     | 135-1 | 305579   | 306713   | 309541   | 307278   | 0.66   | cps   |
| Barium     | 137-1 | 528072   | 533637   | 537435   | 533048   | 0.88   | cps   |
| Beryllium  | 9-1   | 1067     | 1056     | 1078     | 1067     | 1.04   | cps   |
| Bismuth    | 209-1 | 6664722  | 6672422  | 6625349  | 6654164  | 0.38   | cps   |
| Bismuth    | 209-2 | 1444308  | 1587032  | 1620966  | 1550769  | 6.05   | cps   |
| Boron      | 10-1  | 400      | 392      | 408      | 400      | 2.08   | cps   |
| Boron      | 11-1  | 1984     | 2034     | 2050     | 2022     | 1.72   | cps   |
| Cadmium    | 111-1 | 1281     | 1284     | 1041     | 1202     | 11.57  | cps   |
| Cadmium    | 106-1 | 1525     | 1467     | 1142     | 1378     | 14.99  | cps   |
| Cadmium    | 108-1 | 29       | 38       | 71       | 46       | 48.10  | cps   |
| Calcium    | 43-1  | 143780   | 144083   | 144427   | 144097   | 0.22   | cps   |
| Calcium    | 44-1  | 2383560  | 2393751  | 2375535  | 2384282  | 0.38   | cps   |
| Chromium   | 52-2  | 31192    | 31643    | 31051    | 31295    | 0.99   | cps   |
| Cobalt     | 59-2  | 53834    | 53827    | 53650    | 53770    | 0.19   | cps   |
| Copper     | 63-2  | 159608   | 158894   | 159058   | 159187   | 0.24   | cps   |
| Dysprosium | 156-1 | 31831    | 31973    | 32642    | 32149    | 1.35   | cps   |
| Dysprosium | 156-2 | 6912     | 7005     | 7175     | 7031     | 1.90   | cps   |
| Erbium     | 164-1 | 30061    | 31155    | 30888    | 30701    | 1.86   | cps   |
| Erbium     | 164-2 | 5585     | 5645     | 5881     | 5704     | 2.75   | cps   |
| Gadolinium | 160-1 | 32918    | 32308    | 32826    | 32684    | 1.01   | cps   |
| Gadolinium | 160-2 | 9047     | 8339     | 8686     | 8691     | 4.07   | cps   |
| Holmium    | 165-1 | 10275172 | 10043443 | 9876685  | 10065100 | 1.99   | cps   |
| Holmium    | 165-2 | 1871144  | 2044026  | 2044676  | 1986615  | 5.03   | cps   |
| Indium     | 115-1 | 7605629  | 7484259  | 7336478  | 7475455  | 1.80   | cps   |
| Indium     | 115-2 | 304022   | 330917   | 334056   | 322998   | 5.11   | cps   |
| Iron       | 56-2  | 30298413 | 29923865 | 29859485 | 30027254 | 0.79   | cps   |
| Iron       | 57-2  | 748368   | 744588   | 739162   | 744039   | 0.62   | cps   |
| Lead       | 206-1 | 32330    | 32932    | 33222    | 32828    | 1.39   | cps   |
| Lead       | 207-1 | 28121    | 27630    | 27614    | 27788    | 1.04   | cps   |
| Lead       | 208-1 | 128209   | 127746   | 130013   | 128656   | 0.93   | cps   |
| Lithium    | 6-1   | 1359500  | 1357875  | 1335915  | 1351097  | 0.97   | cps   |
| Magnesium  | 24-2  | 273381   | 272456   | 274417   | 273418   | 0.36   | cps   |
| Manganese  | 55-2  | 346650   | 346453   | 343498   | 345534   | 0.51   | cps   |



|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB94089             | Operator :        | Jaswal    |
| Lab Sample ID :         | J1987-06            | Instrumnet Name : | P8        |
| Client Sample ID :      | MJHR73              | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2018-03-22 13:47:38 | DataFile Name :   | 031SMPL.d |

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|------------|-------|----------|----------|----------|----------|--------|-------|
| Molybdenum | 94-1  | 4243     | 3992     | 4076     | 4104     | 3.10   | cps   |
| Molybdenum | 95-1  | 1608     | 1525     | 1575     | 1570     | 2.67   | cps   |
| Molybdenum | 96-1  | 3050     | 2667     | 2850     | 2856     | 6.71   | cps   |
| Molybdenum | 97-1  | 892      | 942      | 1017     | 950      | 6.62   | cps   |
| Molybdenum | 98-1  | 2042     | 2484     | 2650     | 2392     | 13.15  | cps   |
| Neodymium  | 150-1 | 45018    | 44289    | 45058    | 44788    | 0.97   | cps   |
| Neodymium  | 150-2 | 6148     | 6108     | 6065     | 6107     | 0.68   | cps   |
| Nickel     | 60-2  | 13176    | 13200    | 13317    | 13231    | 0.57   | cps   |
| Phosphorus | 31-2  | 342      | 383      | 342      | 356      | 6.77   | cps   |
| Potassium  | 39-2  | 11972    | 12464    | 11255    | 11897    | 5.11   | cps   |
| Rhodium    | 103-1 | 6917468  | 6737006  | 6681495  | 6778656  | 1.82   | cps   |
| Rhodium    | 103-2 | 1741335  | 1891423  | 1884758  | 1839172  | 4.61   | cps   |
| Scandium   | 45-1  | 4053822  | 3980285  | 3926682  | 3986930  | 1.60   | cps   |
| Scandium   | 45-2  | 34957    | 37059    | 38082    | 36699    | 4.34   | cps   |
| Selenium   | 77-2  | 20       | 30       | 40       | 30       | 33.33  | cps   |
| Selenium   | 78-2  | 17       | 9        | 24       | 17       | 44.43  | cps   |
| Selenium   | 82-1  | 79       | 87       | 99       | 88       | 11.10  | cps   |
| Silicon    | 28-1  | 3297967  | 3120897  | 3179150  | 3199338  | 2.82   | cps   |
| Silver     | 109-1 | 942      | 833      | 783      | 853      | 9.49   | cps   |
| Silver     | 107-1 | 850      | 825      | 1017     | 897      | 11.61  | cps   |
| Sodium     | 23-2  | 22285    | 21751    | 23220    | 22419    | 3.32   | cps   |
| Strontium  | 86-1  | 199362   | 200663   | 200907   | 200311   | 0.41   | cps   |
| Strontium  | 88-1  | 1796723  | 1792632  | 1760641  | 1783332  | 1.11   | cps   |
| Sulfur     | 34-1  | 214604   | 218591   | 215027   | 216074   | 1.01   | cps   |
| Terbium    | 159-1 | 10553125 | 10277675 | 10272902 | 10367900 | 1.55   | cps   |
| Terbium    | 159-2 | 1791554  | 1981547  | 2003209  | 1925437  | 6.05   | cps   |
| Thallium   | 203-1 | 875      | 958      | 967      | 933      | 5.43   | cps   |
| Thallium   | 205-1 | 2259     | 2117     | 2059     | 2145     | 4.80   | cps   |
| Tin        | 118-1 | 4501     | 4618     | 4401     | 4507     | 2.41   | cps   |
| Titanium   | 47-1  | 107252   | 106251   | 107994   | 107165   | 0.82   | cps   |
| Uranium    | 238-1 | 5877     | 6052     | 6510     | 6146     | 5.32   | cps   |
| Vanadium   | 51-2  | 77724    | 76585    | 75395    | 76568    | 1.52   | cps   |
| Yttrium    | 89-1  | 8126090  | 8162060  | 7784627  | 8024259  | 2.60   | cps   |
| Yttrium    | 89-2  | 242658   | 262272   | 264842   | 256590   | 4.73   | cps   |
| Zinc       | 66-2  | 13130    | 13283    | 13106    | 13173    | 0.73   | cps   |
| Zirconium  | 90-1  | 8595     | 8753     | 8920     | 8756     | 1.86   | cps   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB94089             | Operator :        | Jaswal    |
| Lab Sample ID :         | J1987-06            | Instrumnet Name : | P8        |
| Client Sample ID :      | MJHR73              | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2018-03-22 13:47:38 | DataFile Name :   | 031SMPL.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|-----------|------|------|------|------|---------|--------|-------|
| Zirconium | 91-1 | 1542 | 2009 | 2134 | 1895    | 16.46  | cps   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB94089             | Operator :        | Jaswal    |
| Lab Sample ID :         | J1987-07            | Instrumnet Name : | P8        |
| Client Sample ID :      | MJHR74              | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2018-03-22 13:50:57 | DataFile Name :   | 032SMPL.d |

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|------------|-------|----------|----------|----------|----------|--------|-------|
| Aluminium  | 27-2  | 138191   | 136771   | 136904   | 137289   | 0.57   | cps   |
| Antimony   | 121-1 | 6052     | 6018     | 6052     | 6041     | 0.32   | cps   |
| Arsenic    | 75-2  | 2560     | 2632     | 2528     | 2573     | 2.07   | cps   |
| Barium     | 135-1 | 273588   | 271048   | 274949   | 273195   | 0.72   | cps   |
| Barium     | 137-1 | 475907   | 470819   | 473192   | 473306   | 0.54   | cps   |
| Beryllium  | 9-1   | 922      | 794      | 867      | 861      | 7.44   | cps   |
| Bismuth    | 209-1 | 6836332  | 6666162  | 6651579  | 6718024  | 1.53   | cps   |
| Bismuth    | 209-2 | 1549841  | 1570617  | 1581775  | 1567411  | 1.03   | cps   |
| Boron      | 10-1  | 533      | 358      | 483      | 458      | 19.67  | cps   |
| Boron      | 11-1  | 2225     | 2392     | 2600     | 2406     | 7.81   | cps   |
| Cadmium    | 111-1 | 1273     | 1182     | 1151     | 1202     | 5.25   | cps   |
| Cadmium    | 106-1 | 1517     | 1383     | 1208     | 1370     | 11.29  | cps   |
| Cadmium    | 108-1 | 50       | 58       | 46       | 51       | 12.39  | cps   |
| Calcium    | 43-1  | 144084   | 144158   | 143080   | 143774   | 0.42   | cps   |
| Calcium    | 44-1  | 2345012  | 2382368  | 2379019  | 2368800  | 0.87   | cps   |
| Chromium   | 52-2  | 25500    | 24812    | 24979    | 25097    | 1.43   | cps   |
| Cobalt     | 59-2  | 42341    | 41569    | 40914    | 41608    | 1.72   | cps   |
| Copper     | 63-2  | 132989   | 131623   | 132834   | 132482   | 0.56   | cps   |
| Dysprosium | 156-1 | 33703    | 33628    | 34539    | 33956    | 1.49   | cps   |
| Dysprosium | 156-2 | 7913     | 7923     | 7686     | 7840     | 1.71   | cps   |
| Erbium     | 164-1 | 30804    | 30470    | 30295    | 30523    | 0.85   | cps   |
| Erbium     | 164-2 | 5948     | 5655     | 5855     | 5819     | 2.58   | cps   |
| Gadolinium | 160-1 | 36979    | 35658    | 36318    | 36318    | 1.82   | cps   |
| Gadolinium | 160-2 | 9750     | 9440     | 9580     | 9590     | 1.62   | cps   |
| Holmium    | 165-1 | 10134611 | 9976907  | 9895404  | 10002307 | 1.22   | cps   |
| Holmium    | 165-2 | 2030760  | 2000998  | 2058863  | 2030207  | 1.43   | cps   |
| Indium     | 115-1 | 7597847  | 7392352  | 7353928  | 7448042  | 1.76   | cps   |
| Indium     | 115-2 | 325265   | 331248   | 334750   | 330421   | 1.45   | cps   |
| Iron       | 56-2  | 27461319 | 27358598 | 27365201 | 27395039 | 0.21   | cps   |
| Iron       | 57-2  | 686384   | 682357   | 677140   | 681961   | 0.68   | cps   |
| Lead       | 206-1 | 25142    | 25587    | 24519    | 25083    | 2.14   | cps   |
| Lead       | 207-1 | 20300    | 20467    | 20506    | 20424    | 0.54   | cps   |
| Lead       | 208-1 | 96467    | 96047    | 95079    | 95864    | 0.74   | cps   |
| Lithium    | 6-1   | 1378938  | 1347761  | 1354909  | 1360536  | 1.20   | cps   |
| Magnesium  | 24-2  | 235289   | 229244   | 230608   | 231714   | 1.37   | cps   |
| Manganese  | 55-2  | 261637   | 261568   | 259519   | 260908   | 0.46   | cps   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB94089             | Operator :        | Jaswal    |
| Lab Sample ID :         | J1987-07            | Instrumnet Name : | P8        |
| Client Sample ID :      | MJHR74              | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2018-03-22 13:50:57 | DataFile Name :   | 032SMPL.d |

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|------------|-------|----------|----------|----------|----------|--------|-------|
| Molybdenum | 94-1  | 3226     | 3251     | 3176     | 3217     | 1.19   | cps   |
| Molybdenum | 95-1  | 983      | 1117     | 1208     | 1103     | 10.26  | cps   |
| Molybdenum | 96-1  | 2217     | 2300     | 2200     | 2239     | 2.39   | cps   |
| Molybdenum | 97-1  | 600      | 858      | 750      | 736      | 17.62  | cps   |
| Molybdenum | 98-1  | 1684     | 1734     | 1692     | 1703     | 1.57   | cps   |
| Neodymium  | 150-1 | 45299    | 45801    | 46637    | 45912    | 1.47   | cps   |
| Neodymium  | 150-2 | 5968     | 6031     | 6305     | 6102     | 2.93   | cps   |
| Nickel     | 60-2  | 12332    | 12436    | 12242    | 12337    | 0.78   | cps   |
| Phosphorus | 31-2  | 542      | 658      | 625      | 608      | 9.88   | cps   |
| Potassium  | 39-2  | 12231    | 12873    | 12448    | 12517    | 2.61   | cps   |
| Rhodium    | 103-1 | 6912930  | 6781478  | 6681170  | 6791859  | 1.71   | cps   |
| Rhodium    | 103-2 | 1871024  | 1852147  | 1915935  | 1879702  | 1.74   | cps   |
| Scandium   | 45-1  | 3999379  | 3924667  | 3842809  | 3922285  | 2.00   | cps   |
| Scandium   | 45-2  | 37550    | 36621    | 37738    | 37303    | 1.60   | cps   |
| Selenium   | 77-2  | 33       | 60       | 50       | 48       | 28.20  | cps   |
| Selenium   | 78-2  | 19       | 19       | 20       | 19       | 5.58   | cps   |
| Selenium   | 82-1  | 58       | 14       | 72       | 48       | 62.75  | cps   |
| Silicon    | 28-1  | 2858563  | 2876040  | 2871028  | 2868543  | 0.31   | cps   |
| Silver     | 109-1 | 758      | 667      | 783      | 736      | 8.35   | cps   |
| Silver     | 107-1 | 625      | 792      | 725      | 714      | 11.75  | cps   |
| Sodium     | 23-2  | 17979    | 18780    | 19197    | 18652    | 3.32   | cps   |
| Strontium  | 86-1  | 205296   | 210912   | 205931   | 207380   | 1.48   | cps   |
| Strontium  | 88-1  | 1856850  | 1842148  | 1832731  | 1843909  | 0.66   | cps   |
| Sulfur     | 34-1  | 216658   | 210942   | 213242   | 213614   | 1.35   | cps   |
| Terbium    | 159-1 | 10553379 | 10217793 | 10104523 | 10291898 | 2.27   | cps   |
| Terbium    | 159-2 | 1931455  | 1949750  | 1974929  | 1952044  | 1.12   | cps   |
| Thallium   | 203-1 | 683      | 700      | 725      | 703      | 2.98   | cps   |
| Thallium   | 205-1 | 1567     | 1383     | 1717     | 1556     | 10.73  | cps   |
| Tin        | 118-1 | 3967     | 3926     | 4084     | 3992     | 2.06   | cps   |
| Titanium   | 47-1  | 82652    | 82628    | 82032    | 82437    | 0.43   | cps   |
| Uranium    | 238-1 | 5810     | 5735     | 5510     | 5685     | 2.75   | cps   |
| Vanadium   | 51-2  | 62392    | 61973    | 61615    | 61993    | 0.63   | cps   |
| Yttrium    | 89-1  | 8107098  | 7974452  | 7846281  | 7975944  | 1.64   | cps   |
| Yttrium    | 89-2  | 257698   | 259091   | 263931   | 260240   | 1.26   | cps   |
| Zinc       | 66-2  | 11582    | 11772    | 11562    | 11638    | 1.00   | cps   |
| Zirconium  | 90-1  | 6810     | 6352     | 6552     | 6571     | 3.50   | cps   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB94089             | Operator :        | Jaswal    |
| Lab Sample ID :         | J1987-07            | Instrumnet Name : | P8        |
| Client Sample ID :      | MJHR74              | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2018-03-22 13:50:57 | DataFile Name :   | 032SMPL.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|-----------|------|------|------|------|---------|--------|-------|
| Zirconium | 91-1 | 1467 | 1483 | 1475 | 1475    | 0.57   | cps   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB94089             | Operator :        | Jaswal    |
| Lab Sample ID :         | J1987-08            | Instrumnet Name : | P8        |
| Client Sample ID :      | MJHR75              | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2018-03-22 13:54:15 | DataFile Name :   | 033SMPL.d |

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|------------|-------|----------|----------|----------|----------|--------|-------|
| Aluminium  | 27-2  | 154845   | 154408   | 154357   | 154537   | 0.17   | cps   |
| Antimony   | 121-1 | 10438    | 9988     | 9671     | 10032    | 3.84   | cps   |
| Arsenic    | 75-2  | 3425     | 3528     | 3476     | 3476     | 1.49   | cps   |
| Barium     | 135-1 | 304634   | 303708   | 309960   | 306100   | 1.10   | cps   |
| Barium     | 137-1 | 529092   | 537619   | 535983   | 534231   | 0.85   | cps   |
| Beryllium  | 9-1   | 945      | 1028     | 961      | 978      | 4.51   | cps   |
| Bismuth    | 209-1 | 6789134  | 6730676  | 6113173  | 6544328  | 5.72   | cps   |
| Bismuth    | 209-2 | 1575304  | 1516069  | 1578049  | 1556474  | 2.25   | cps   |
| Boron      | 10-1  | 450      | 492      | 433      | 458      | 6.56   | cps   |
| Boron      | 11-1  | 1984     | 2142     | 2092     | 2072     | 3.91   | cps   |
| Cadmium    | 111-1 | 1191     | 1054     | 991      | 1078     | 9.50   | cps   |
| Cadmium    | 106-1 | 1392     | 1233     | 1083     | 1236     | 12.47  | cps   |
| Cadmium    | 108-1 | 42       | 38       | 38       | 39       | 6.19   | cps   |
| Calcium    | 43-1  | 139537   | 140143   | 140623   | 140101   | 0.39   | cps   |
| Calcium    | 44-1  | 2319560  | 2339229  | 2336139  | 2331643  | 0.45   | cps   |
| Chromium   | 52-2  | 27243    | 27183    | 27090    | 27172    | 0.28   | cps   |
| Cobalt     | 59-2  | 46859    | 46976    | 46166    | 46667    | 0.94   | cps   |
| Copper     | 63-2  | 180593   | 180803   | 182024   | 181140   | 0.43   | cps   |
| Dysprosium | 156-1 | 30779    | 30887    | 29876    | 30514    | 1.82   | cps   |
| Dysprosium | 156-2 | 6558     | 6625     | 6622     | 6602     | 0.57   | cps   |
| Erbium     | 164-1 | 28566    | 27856    | 28115    | 28179    | 1.27   | cps   |
| Erbium     | 164-2 | 5485     | 5521     | 5368     | 5458     | 1.47   | cps   |
| Gadolinium | 160-1 | 30336    | 31130    | 30102    | 30523    | 1.76   | cps   |
| Gadolinium | 160-2 | 8009     | 8443     | 8399     | 8284     | 2.88   | cps   |
| Holmium    | 165-1 | 10099972 | 10029386 | 9275592  | 9801650  | 4.66   | cps   |
| Holmium    | 165-2 | 2041364  | 1991237  | 2017812  | 2016804  | 1.24   | cps   |
| Indium     | 115-1 | 7533762  | 7542566  | 6790136  | 7288821  | 5.93   | cps   |
| Indium     | 115-2 | 326758   | 320530   | 329051   | 325446   | 1.35   | cps   |
| Iron       | 56-2  | 28821592 | 28724907 | 29143135 | 28896544 | 0.76   | cps   |
| Iron       | 57-2  | 715835   | 716244   | 719478   | 717186   | 0.28   | cps   |
| Lead       | 206-1 | 50980    | 50589    | 51945    | 51172    | 1.36   | cps   |
| Lead       | 207-1 | 42393    | 42828    | 43358    | 42860    | 1.13   | cps   |
| Lead       | 208-1 | 199811   | 200500   | 201773   | 200695   | 0.50   | cps   |
| Lithium    | 6-1   | 1365891  | 1344964  | 1250323  | 1320393  | 4.66   | cps   |
| Magnesium  | 24-2  | 231131   | 228601   | 229335   | 229689   | 0.57   | cps   |
| Manganese  | 55-2  | 297019   | 295754   | 297454   | 296742   | 0.30   | cps   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB94089             | Operator :        | Jaswal    |
| Lab Sample ID :         | J1987-08            | Instrumnet Name : | P8        |
| Client Sample ID :      | MJHR75              | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2018-03-22 13:54:15 | DataFile Name :   | 033SMPL.d |

| Parameter  | Mass  | CPS1     | CPS2     | CPS3    | CPSMean  | CPSRSD | Units |
|------------|-------|----------|----------|---------|----------|--------|-------|
| Molybdenum | 94-1  | 3792     | 3726     | 3567    | 3695     | 3.13   | cps   |
| Molybdenum | 95-1  | 1559     | 1617     | 1467    | 1547     | 4.89   | cps   |
| Molybdenum | 96-1  | 2725     | 2600     | 2575    | 2634     | 3.05   | cps   |
| Molybdenum | 97-1  | 883      | 950      | 775     | 870      | 10.16  | cps   |
| Molybdenum | 98-1  | 2242     | 2242     | 2367    | 2284     | 3.16   | cps   |
| Neodymium  | 150-1 | 41366    | 42061    | 43934   | 42454    | 3.13   | cps   |
| Neodymium  | 150-2 | 5611     | 5631     | 5415    | 5552     | 2.16   | cps   |
| Nickel     | 60-2  | 11385    | 11378    | 11258   | 11340    | 0.63   | cps   |
| Phosphorus | 31-2  | 325      | 333      | 292     | 317      | 6.96   | cps   |
| Potassium  | 39-2  | 14458    | 13690    | 14825   | 14325    | 4.04   | cps   |
| Rhodium    | 103-1 | 6843704  | 6814605  | 6187269 | 6615193  | 5.61   | cps   |
| Rhodium    | 103-2 | 1893662  | 1838703  | 1878233 | 1870199  | 1.52   | cps   |
| Scandium   | 45-1  | 3969160  | 3963383  | 3654929 | 3862490  | 4.65   | cps   |
| Scandium   | 45-2  | 36882    | 36244    | 36828   | 36651    | 0.97   | cps   |
| Selenium   | 77-2  | 40       | 23       | 43      | 36       | 30.14  | cps   |
| Selenium   | 78-2  | 11       | 17       | 13      | 14       | 20.85  | cps   |
| Selenium   | 82-1  | -44      | 20       | 63      | 13       | 408.80 | cps   |
| Silicon    | 28-1  | 3063421  | 3062683  | 3028271 | 3051458  | 0.66   | cps   |
| Silver     | 109-1 | 733      | 758      | 942     | 811      | 14.02  | cps   |
| Silver     | 107-1 | 733      | 825      | 958     | 839      | 13.49  | cps   |
| Sodium     | 23-2  | 19748    | 19748    | 18721   | 19406    | 3.05   | cps   |
| Strontium  | 86-1  | 202600   | 203445   | 203968  | 203338   | 0.34   | cps   |
| Strontium  | 88-1  | 1803366  | 1793420  | 1796381 | 1797722  | 0.28   | cps   |
| Sulfur     | 34-1  | 214249   | 213657   | 210606  | 212837   | 0.92   | cps   |
| Terbium    | 159-1 | 10451762 | 10387542 | 9458352 | 10099219 | 5.50   | cps   |
| Terbium    | 159-2 | 1971890  | 1917429  | 1983044 | 1957455  | 1.79   | cps   |
| Thallium   | 203-1 | 608      | 733      | 742     | 695      | 10.76  | cps   |
| Thallium   | 205-1 | 1634     | 1842     | 1825    | 1767     | 6.55   | cps   |
| Tin        | 118-1 | 5635     | 6285     | 5977    | 5965     | 5.45   | cps   |
| Titanium   | 47-1  | 95776    | 99749    | 97130   | 97552    | 2.07   | cps   |
| Uranium    | 238-1 | 6043     | 6260     | 6143    | 6149     | 1.77   | cps   |
| Vanadium   | 51-2  | 71247    | 70165    | 71783   | 71065    | 1.16   | cps   |
| Yttrium    | 89-1  | 8072009  | 8010490  | 7421169 | 7834556  | 4.59   | cps   |
| Yttrium    | 89-2  | 258567   | 254474   | 260191  | 257744   | 1.14   | cps   |
| Zinc       | 66-2  | 13246    | 13217    | 13347   | 13270    | 0.51   | cps   |
| Zirconium  | 90-1  | 8816     | 7886     | 8253    | 8318     | 5.63   | cps   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB94089             | Operator :        | Jaswal    |
| Lab Sample ID :         | J1987-08            | Instrumnet Name : | P8        |
| Client Sample ID :      | MJHR75              | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2018-03-22 13:54:15 | DataFile Name :   | 033SMPL.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|-----------|------|------|------|------|---------|--------|-------|
| Zirconium | 91-1 | 1875 | 1767 | 1900 | 1847    | 3.84   | cps   |



|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB94089             | Operator :        | Jaswal    |
| Lab Sample ID :         | J1987-09            | Instrumnet Name : | P8        |
| Client Sample ID :      | MJHR76              | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2018-03-22 13:57:35 | DataFile Name :   | 034SMPL.d |

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|------------|-------|----------|----------|----------|----------|--------|-------|
| Aluminium  | 27-2  | 140483   | 137140   | 136366   | 137996   | 1.59   | cps   |
| Antimony   | 121-1 | 8520     | 8828     | 9404     | 8917     | 5.03   | cps   |
| Arsenic    | 75-2  | 3045     | 2986     | 2965     | 2999     | 1.38   | cps   |
| Barium     | 135-1 | 306439   | 308625   | 311273   | 308779   | 0.78   | cps   |
| Barium     | 137-1 | 537692   | 531816   | 536122   | 535210   | 0.57   | cps   |
| Beryllium  | 9-1   | 900      | 1033     | 1045     | 993      | 8.10   | cps   |
| Bismuth    | 209-1 | 6729587  | 6813697  | 6734486  | 6759257  | 0.70   | cps   |
| Bismuth    | 209-2 | 1591663  | 1577651  | 1592646  | 1587320  | 0.53   | cps   |
| Boron      | 10-1  | 442      | 392      | 508      | 447      | 13.09  | cps   |
| Boron      | 11-1  | 1767     | 1834     | 1842     | 1814     | 2.27   | cps   |
| Cadmium    | 111-1 | 1326     | 1233     | 1214     | 1258     | 4.74   | cps   |
| Cadmium    | 106-1 | 1500     | 1375     | 1392     | 1422     | 4.77   | cps   |
| Cadmium    | 108-1 | 29       | 54       | 50       | 44       | 30.13  | cps   |
| Calcium    | 43-1  | 116278   | 116824   | 118025   | 117042   | 0.76   | cps   |
| Calcium    | 44-1  | 1929878  | 1898113  | 1938650  | 1922213  | 1.11   | cps   |
| Chromium   | 52-2  | 27801    | 27718    | 27895    | 27804    | 0.32   | cps   |
| Cobalt     | 59-2  | 49856    | 50558    | 50970    | 50461    | 1.12   | cps   |
| Copper     | 63-2  | 147581   | 148715   | 148802   | 148366   | 0.46   | cps   |
| Dysprosium | 156-1 | 31105    | 30035    | 31155    | 30765    | 2.06   | cps   |
| Dysprosium | 156-2 | 6855     | 7099     | 6739     | 6897     | 2.66   | cps   |
| Erbium     | 164-1 | 30386    | 30219    | 30153    | 30253    | 0.40   | cps   |
| Erbium     | 164-2 | 5628     | 5695     | 5675     | 5666     | 0.60   | cps   |
| Gadolinium | 160-1 | 32867    | 32107    | 32183    | 32386    | 1.29   | cps   |
| Gadolinium | 160-2 | 8643     | 8486     | 8349     | 8493     | 1.73   | cps   |
| Holmium    | 165-1 | 10012725 | 10188600 | 9989722  | 10063683 | 1.08   | cps   |
| Holmium    | 165-2 | 2039940  | 1994172  | 2003937  | 2012683  | 1.20   | cps   |
| Indium     | 115-1 | 7368892  | 7625060  | 7398727  | 7464227  | 1.88   | cps   |
| Indium     | 115-2 | 330533   | 326715   | 326820   | 328023   | 0.66   | cps   |
| Iron       | 56-2  | 28432103 | 28437287 | 28170415 | 28346602 | 0.54   | cps   |
| Iron       | 57-2  | 703304   | 705537   | 701961   | 703601   | 0.26   | cps   |
| Lead       | 206-1 | 34185    | 35378    | 34826    | 34796    | 1.71   | cps   |
| Lead       | 207-1 | 28321    | 29151    | 28354    | 28609    | 1.64   | cps   |
| Lead       | 208-1 | 133142   | 136163   | 135710   | 135005   | 1.21   | cps   |
| Lithium    | 6-1   | 1359104  | 1379841  | 1344168  | 1361038  | 1.32   | cps   |
| Magnesium  | 24-2  | 211484   | 207298   | 207990   | 208924   | 1.07   | cps   |
| Manganese  | 55-2  | 323828   | 321742   | 323732   | 323101   | 0.36   | cps   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB94089             | Operator :        | Jaswal    |
| Lab Sample ID :         | J1987-09            | Instrumnet Name : | P8        |
| Client Sample ID :      | MJHR76              | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2018-03-22 13:57:35 | DataFile Name :   | 034SMPL.d |

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|------------|-------|----------|----------|----------|----------|--------|-------|
| Molybdenum | 94-1  | 3584     | 3459     | 3892     | 3645     | 6.12   | cps   |
| Molybdenum | 95-1  | 1267     | 1333     | 1325     | 1308     | 2.78   | cps   |
| Molybdenum | 96-1  | 2392     | 2575     | 2600     | 2523     | 4.51   | cps   |
| Molybdenum | 97-1  | 775      | 983      | 900      | 886      | 11.83  | cps   |
| Molybdenum | 98-1  | 2492     | 2242     | 2175     | 2303     | 7.25   | cps   |
| Neodymium  | 150-1 | 41366    | 42048    | 43212    | 42209    | 2.21   | cps   |
| Neodymium  | 150-2 | 5758     | 5331     | 5528     | 5539     | 3.86   | cps   |
| Nickel     | 60-2  | 10661    | 10968    | 11295    | 10974    | 2.89   | cps   |
| Phosphorus | 31-2  | 417      | 383      | 417      | 406      | 4.75   | cps   |
| Potassium  | 39-2  | 11147    | 10821    | 11122    | 11030    | 1.64   | cps   |
| Rhodium    | 103-1 | 6761964  | 6815592  | 6674007  | 6750521  | 1.06   | cps   |
| Rhodium    | 103-2 | 1914004  | 1867310  | 1872484  | 1884599  | 1.36   | cps   |
| Scandium   | 45-1  | 3927429  | 3977120  | 3871366  | 3925305  | 1.35   | cps   |
| Scandium   | 45-2  | 37153    | 36291    | 36116    | 36520    | 1.52   | cps   |
| Selenium   | 77-2  | 30       | 13       | 40       | 28       | 48.51  | cps   |
| Selenium   | 78-2  | 13       | 19       | 19       | 17       | 19.26  | cps   |
| Selenium   | 82-1  | 116      | 46       | 94       | 86       | 41.75  | cps   |
| Silicon    | 28-1  | 3072773  | 3064230  | 3011028  | 3049344  | 1.10   | cps   |
| Silver     | 109-1 | 725      | 750      | 667      | 714      | 5.99   | cps   |
| Silver     | 107-1 | 950      | 717      | 842      | 836      | 13.97  | cps   |
| Sodium     | 23-2  | 19114    | 18380    | 18955    | 18816    | 2.05   | cps   |
| Strontium  | 86-1  | 203001   | 197985   | 197425   | 199470   | 1.54   | cps   |
| Strontium  | 88-1  | 1801876  | 1767673  | 1793965  | 1787838  | 1.00   | cps   |
| Sulfur     | 34-1  | 213183   | 211255   | 211764   | 212067   | 0.47   | cps   |
| Terbium    | 159-1 | 10265481 | 10481198 | 10348783 | 10365154 | 1.05   | cps   |
| Terbium    | 159-2 | 1986513  | 1928575  | 1936485  | 1950525  | 1.61   | cps   |
| Thallium   | 203-1 | 667      | 758      | 692      | 706      | 6.72   | cps   |
| Thallium   | 205-1 | 1517     | 1667     | 1750     | 1645     | 7.19   | cps   |
| Tin        | 118-1 | 4143     | 4659     | 4176     | 4326     | 6.69   | cps   |
| Titanium   | 47-1  | 98403    | 100433   | 98495    | 99110    | 1.16   | cps   |
| Uranium    | 238-1 | 5727     | 5551     | 6302     | 5860     | 6.70   | cps   |
| Vanadium   | 51-2  | 71759    | 72158    | 72018    | 71978    | 0.28   | cps   |
| Yttrium    | 89-1  | 7971392  | 7988709  | 7936942  | 7965681  | 0.33   | cps   |
| Yttrium    | 89-2  | 260632   | 256107   | 257446   | 258062   | 0.90   | cps   |
| Zinc       | 66-2  | 12679    | 12466    | 12512    | 12552    | 0.89   | cps   |
| Zirconium  | 90-1  | 7511     | 7853     | 7569     | 7644     | 2.39   | cps   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB94089             | Operator :        | Jaswal    |
| Lab Sample ID :         | J1987-09            | Instrumnet Name : | P8        |
| Client Sample ID :      | MJHR76              | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2018-03-22 13:57:35 | DataFile Name :   | 034SMPL.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|-----------|------|------|------|------|---------|--------|-------|
| Zirconium | 91-1 | 1667 | 1692 | 1800 | 1720    | 4.12   | cps   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB94089             | Operator :        | Jaswal    |
| Lab Sample ID :         | J1987-10            | Instrumnet Name : | P8        |
| Client Sample ID :      | MJHR77              | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2018-03-22 14:00:53 | DataFile Name :   | 035SMPL.d |

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|------------|-------|----------|----------|----------|----------|--------|-------|
| Aluminium  | 27-2  | 161963   | 158291   | 158786   | 159680   | 1.25   | cps   |
| Antimony   | 121-1 | 7652     | 7786     | 7336     | 7591     | 3.05   | cps   |
| Arsenic    | 75-2  | 3262     | 3352     | 3354     | 3323     | 1.59   | cps   |
| Barium     | 135-1 | 369564   | 376938   | 374631   | 373711   | 1.01   | cps   |
| Barium     | 137-1 | 648892   | 652359   | 654358   | 651870   | 0.42   | cps   |
| Beryllium  | 9-1   | 1111     | 1039     | 989      | 1046     | 5.87   | cps   |
| Bismuth    | 209-1 | 6631927  | 6882543  | 6738149  | 6750873  | 1.86   | cps   |
| Bismuth    | 209-2 | 1553123  | 1544613  | 1507710  | 1535148  | 1.57   | cps   |
| Boron      | 10-1  | 292      | 450      | 400      | 381      | 21.27  | cps   |
| Boron      | 11-1  | 2050     | 2025     | 2117     | 2064     | 2.30   | cps   |
| Cadmium    | 111-1 | 1121     | 962      | 1126     | 1069     | 8.69   | cps   |
| Cadmium    | 106-1 | 1375     | 1167     | 1358     | 1300     | 8.91   | cps   |
| Cadmium    | 108-1 | 54       | 54       | 54       | 54       | 0.00   | cps   |
| Calcium    | 43-1  | 150111   | 150843   | 148368   | 149774   | 0.85   | cps   |
| Calcium    | 44-1  | 2513004  | 2487207  | 2488702  | 2496304  | 0.58   | cps   |
| Chromium   | 52-2  | 35218    | 35355    | 34817    | 35130    | 0.80   | cps   |
| Cobalt     | 59-2  | 57444    | 58071    | 58050    | 57855    | 0.61   | cps   |
| Copper     | 63-2  | 166180   | 165397   | 166035   | 165871   | 0.25   | cps   |
| Dysprosium | 156-1 | 30570    | 30545    | 30846    | 30654    | 0.54   | cps   |
| Dysprosium | 156-2 | 7032     | 6688     | 6708     | 6810     | 2.83   | cps   |
| Erbium     | 164-1 | 29125    | 29225    | 29200    | 29184    | 0.18   | cps   |
| Erbium     | 164-2 | 5445     | 5515     | 5385     | 5448     | 1.19   | cps   |
| Gadolinium | 160-1 | 31698    | 31831    | 32700    | 32077    | 1.70   | cps   |
| Gadolinium | 160-2 | 8390     | 8353     | 8193     | 8312     | 1.26   | cps   |
| Holmium    | 165-1 | 9980282  | 10000800 | 10008321 | 9996468  | 0.15   | cps   |
| Holmium    | 165-2 | 2047999  | 1991259  | 1945357  | 1994872  | 2.58   | cps   |
| Indium     | 115-1 | 7384174  | 7570504  | 7426141  | 7460273  | 1.31   | cps   |
| Indium     | 115-2 | 329290   | 323553   | 318385   | 323743   | 1.69   | cps   |
| Iron       | 56-2  | 32661380 | 32196232 | 32259922 | 32372511 | 0.78   | cps   |
| Iron       | 57-2  | 812740   | 800024   | 796768   | 803177   | 1.05   | cps   |
| Lead       | 206-1 | 27870    | 28533    | 29295    | 28566    | 2.50   | cps   |
| Lead       | 207-1 | 23589    | 23817    | 23628    | 23678    | 0.52   | cps   |
| Lead       | 208-1 | 108934   | 111209   | 112134   | 110759   | 1.49   | cps   |
| Lithium    | 6-1   | 1344941  | 1369319  | 1349463  | 1354575  | 0.96   | cps   |
| Magnesium  | 24-2  | 248231   | 247942   | 248695   | 248289   | 0.15   | cps   |
| Manganese  | 55-2  | 379719   | 377642   | 376973   | 378112   | 0.38   | cps   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB94089             | Operator :        | Jaswal    |
| Lab Sample ID :         | J1987-10            | Instrumnet Name : | P8        |
| Client Sample ID :      | MJHR77              | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2018-03-22 14:00:53 | DataFile Name :   | 035SMPL.d |

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|------------|-------|----------|----------|----------|----------|--------|-------|
| Molybdenum | 94-1  | 4059     | 4468     | 4067     | 4198     | 5.56   | cps   |
| Molybdenum | 95-1  | 1217     | 1325     | 1317     | 1286     | 4.69   | cps   |
| Molybdenum | 96-1  | 2575     | 2584     | 2425     | 2528     | 3.53   | cps   |
| Molybdenum | 97-1  | 792      | 858      | 758      | 803      | 6.34   | cps   |
| Molybdenum | 98-1  | 2000     | 1900     | 2059     | 1986     | 4.03   | cps   |
| Neodymium  | 150-1 | 43172    | 44791    | 42984    | 43649    | 2.28   | cps   |
| Neodymium  | 150-2 | 5538     | 5915     | 5631     | 5695     | 3.45   | cps   |
| Nickel     | 60-2  | 13247    | 13397    | 13193    | 13279    | 0.79   | cps   |
| Phosphorus | 31-2  | 342      | 425      | 308      | 358      | 16.77  | cps   |
| Potassium  | 39-2  | 23045    | 23229    | 24055    | 23443    | 2.30   | cps   |
| Rhodium    | 103-1 | 6700023  | 6795040  | 6753397  | 6749487  | 0.71   | cps   |
| Rhodium    | 103-2 | 1851035  | 1829379  | 1829890  | 1836768  | 0.67   | cps   |
| Scandium   | 45-1  | 3903197  | 3959630  | 3885153  | 3915993  | 0.99   | cps   |
| Scandium   | 45-2  | 36822    | 35682    | 35218    | 35907    | 2.30   | cps   |
| Selenium   | 77-2  | 13       | 27       | 40       | 27       | 50.01  | cps   |
| Selenium   | 78-2  | 11       | 15       | 19       | 15       | 25.01  | cps   |
| Selenium   | 82-1  | 12       | 26       | 18       | 19       | 39.11  | cps   |
| Silicon    | 28-1  | 3470526  | 4049598  | 3329808  | 3616644  | 10.55  | cps   |
| Silver     | 109-1 | 575      | 708      | 725      | 669      | 12.28  | cps   |
| Silver     | 107-1 | 717      | 817      | 792      | 775      | 6.72   | cps   |
| Sodium     | 23-2  | 17011    | 16227    | 16961    | 16733    | 2.62   | cps   |
| Strontium  | 86-1  | 232744   | 230287   | 229525   | 230852   | 0.73   | cps   |
| Strontium  | 88-1  | 2044717  | 2050975  | 2060510  | 2052067  | 0.39   | cps   |
| Sulfur     | 34-1  | 209100   | 206758   | 204973   | 206943   | 1.00   | cps   |
| Terbium    | 159-1 | 10198700 | 10591182 | 10386277 | 10392053 | 1.89   | cps   |
| Terbium    | 159-2 | 1958778  | 1962072  | 1903490  | 1941447  | 1.70   | cps   |
| Thallium   | 203-1 | 767      | 833      | 800      | 800      | 4.17   | cps   |
| Thallium   | 205-1 | 1659     | 1500     | 1634     | 1597     | 5.33   | cps   |
| Tin        | 118-1 | 4784     | 4618     | 4884     | 4762     | 2.83   | cps   |
| Titanium   | 47-1  | 96599    | 96911    | 96515    | 96675    | 0.22   | cps   |
| Uranium    | 238-1 | 6085     | 5927     | 5827     | 5946     | 2.19   | cps   |
| Vanadium   | 51-2  | 79370    | 79162    | 78961    | 79164    | 0.26   | cps   |
| Yttrium    | 89-1  | 7843104  | 7949707  | 7910929  | 7901247  | 0.68   | cps   |
| Yttrium    | 89-2  | 255744   | 253928   | 249661   | 253111   | 1.23   | cps   |
| Zinc       | 66-2  | 14481    | 14237    | 14555    | 14424    | 1.15   | cps   |
| Zirconium  | 90-1  | 10313    | 9445     | 9796     | 9851     | 4.43   | cps   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB94089             | Operator :        | Jaswal    |
| Lab Sample ID :         | J1987-10            | Instrumnet Name : | P8        |
| Client Sample ID :      | MJHR77              | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2018-03-22 14:00:53 | DataFile Name :   | 035SMPL.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|-----------|------|------|------|------|---------|--------|-------|
| Zirconium | 91-1 | 2317 | 2434 | 2275 | 2342    | 3.51   | cps   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB94089             | Operator :        | Jaswal    |
| Lab Sample ID :         | J1987-11            | Instrumnet Name : | P8        |
| Client Sample ID :      | MJHR78              | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2018-03-22 14:04:13 | DataFile Name :   | 036SMPL.d |

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|------------|-------|----------|----------|----------|----------|--------|-------|
| Aluminium  | 27-2  | 146971   | 147028   | 146635   | 146878   | 0.14   | cps   |
| Antimony   | 121-1 | 21894    | 21293    | 21577    | 21588    | 1.39   | cps   |
| Arsenic    | 75-2  | 4090     | 4093     | 3915     | 4033     | 2.52   | cps   |
| Barium     | 135-1 | 289302   | 291301   | 287646   | 289416   | 0.63   | cps   |
| Barium     | 137-1 | 506916   | 505481   | 502517   | 504971   | 0.44   | cps   |
| Beryllium  | 9-1   | 1011     | 1150     | 1011     | 1057     | 7.58   | cps   |
| Bismuth    | 209-1 | 6721752  | 6734532  | 6863094  | 6773126  | 1.15   | cps   |
| Bismuth    | 209-2 | 1629061  | 1575399  | 1563967  | 1589476  | 2.19   | cps   |
| Boron      | 10-1  | 400      | 408      | 433      | 414      | 4.19   | cps   |
| Boron      | 11-1  | 2009     | 2092     | 1967     | 2022     | 3.15   | cps   |
| Cadmium    | 111-1 | 1051     | 1099     | 1148     | 1099     | 4.38   | cps   |
| Cadmium    | 106-1 | 1150     | 1342     | 1342     | 1278     | 8.66   | cps   |
| Cadmium    | 108-1 | 71       | 33       | 42       | 49       | 40.51  | cps   |
| Calcium    | 43-1  | 130122   | 130915   | 129735   | 130257   | 0.46   | cps   |
| Calcium    | 44-1  | 2172648  | 2149462  | 2150511  | 2157540  | 0.61   | cps   |
| Chromium   | 52-2  | 33975    | 33009    | 34042    | 33675    | 1.72   | cps   |
| Cobalt     | 59-2  | 41672    | 40502    | 40943    | 41039    | 1.44   | cps   |
| Copper     | 63-2  | 150420   | 149827   | 150238   | 150162   | 0.20   | cps   |
| Dysprosium | 156-1 | 31823    | 30478    | 32308    | 31536    | 3.01   | cps   |
| Dysprosium | 156-2 | 7029     | 6749     | 7169     | 6982     | 3.06   | cps   |
| Erbium     | 164-1 | 31147    | 30244    | 29384    | 30258    | 2.91   | cps   |
| Erbium     | 164-2 | 5465     | 5731     | 5091     | 5429     | 5.92   | cps   |
| Gadolinium | 160-1 | 32976    | 32107    | 30988    | 32024    | 3.11   | cps   |
| Gadolinium | 160-2 | 8413     | 8553     | 8526     | 8497     | 0.88   | cps   |
| Holmium    | 165-1 | 9918965  | 10004025 | 10114297 | 10012429 | 0.98   | cps   |
| Holmium    | 165-2 | 2026796  | 2007896  | 1978342  | 2004345  | 1.22   | cps   |
| Indium     | 115-1 | 7258334  | 7447133  | 7472133  | 7392533  | 1.58   | cps   |
| Indium     | 115-2 | 327596   | 324802   | 319600   | 323999   | 1.25   | cps   |
| Iron       | 56-2  | 26774092 | 26808122 | 26945103 | 26842439 | 0.34   | cps   |
| Iron       | 57-2  | 670998   | 661662   | 666992   | 666551   | 0.70   | cps   |
| Lead       | 206-1 | 49631    | 48415    | 49792    | 49279    | 1.53   | cps   |
| Lead       | 207-1 | 40643    | 41295    | 40950    | 40963    | 0.80   | cps   |
| Lead       | 208-1 | 192471   | 191398   | 191579   | 191816   | 0.30   | cps   |
| Lithium    | 6-1   | 1341666  | 1357009  | 1370203  | 1356293  | 1.05   | cps   |
| Magnesium  | 24-2  | 199563   | 201312   | 198760   | 199878   | 0.65   | cps   |
| Manganese  | 55-2  | 161309   | 159778   | 162228   | 161105   | 0.77   | cps   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB94089             | Operator :        | Jaswal    |
| Lab Sample ID :         | J1987-11            | Instrumnet Name : | P8        |
| Client Sample ID :      | MJHR78              | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2018-03-22 14:04:13 | DataFile Name :   | 036SMPL.d |

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|------------|-------|----------|----------|----------|----------|--------|-------|
| Molybdenum | 94-1  | 3792     | 3959     | 4534     | 4095     | 9.50   | cps   |
| Molybdenum | 95-1  | 1425     | 1342     | 1325     | 1364     | 3.93   | cps   |
| Molybdenum | 96-1  | 2517     | 2550     | 2850     | 2639     | 6.96   | cps   |
| Molybdenum | 97-1  | 892      | 925      | 958      | 925      | 3.60   | cps   |
| Molybdenum | 98-1  | 2267     | 2342     | 2242     | 2284     | 2.28   | cps   |
| Neodymium  | 150-1 | 43486    | 44008    | 43185    | 43560    | 0.96   | cps   |
| Neodymium  | 150-2 | 5831     | 5658     | 5668     | 5719     | 1.70   | cps   |
| Nickel     | 60-2  | 10578    | 10931    | 10901    | 10803    | 1.81   | cps   |
| Phosphorus | 31-2  | 350      | 383      | 283      | 339      | 15.03  | cps   |
| Potassium  | 39-2  | 19756    | 19656    | 19473    | 19628    | 0.73   | cps   |
| Rhodium    | 103-1 | 6679562  | 6723464  | 6793443  | 6732156  | 0.85   | cps   |
| Rhodium    | 103-2 | 1888232  | 1867028  | 1840229  | 1865163  | 1.29   | cps   |
| Scandium   | 45-1  | 3887495  | 3866689  | 3961469  | 3905218  | 1.28   | cps   |
| Scandium   | 45-2  | 36170    | 35612    | 35368    | 35717    | 1.15   | cps   |
| Selenium   | 77-2  | 37       | 57       | 23       | 39       | 43.15  | cps   |
| Selenium   | 78-2  | 20       | 17       | 22       | 20       | 14.31  | cps   |
| Selenium   | 82-1  | -24      | 47       | 99       | 40       | 153.06 | cps   |
| Silicon    | 28-1  | 4964176  | 4887401  | 4854490  | 4902022  | 1.15   | cps   |
| Silver     | 109-1 | 692      | 733      | 675      | 700      | 4.29   | cps   |
| Silver     | 107-1 | 650      | 742      | 708      | 700      | 6.63   | cps   |
| Sodium     | 23-2  | 16552    | 17253    | 16986    | 16930    | 2.09   | cps   |
| Strontium  | 86-1  | 233784   | 233627   | 231183   | 232865   | 0.63   | cps   |
| Strontium  | 88-1  | 2071834  | 2081677  | 2057871  | 2070461  | 0.58   | cps   |
| Sulfur     | 34-1  | 208270   | 203257   | 204170   | 205232   | 1.30   | cps   |
| Terbium    | 159-1 | 10201847 | 10313840 | 10509262 | 10341650 | 1.50   | cps   |
| Terbium    | 159-2 | 1981240  | 1948157  | 1932459  | 1953952  | 1.27   | cps   |
| Thallium   | 203-1 | 758      | 783      | 617      | 719      | 12.49  | cps   |
| Thallium   | 205-1 | 1884     | 1734     | 1617     | 1745     | 7.66   | cps   |
| Tin        | 118-1 | 8945     | 8887     | 8753     | 8862     | 1.11   | cps   |
| Titanium   | 47-1  | 106145   | 104405   | 106839   | 105796   | 1.19   | cps   |
| Uranium    | 238-1 | 6610     | 6352     | 6360     | 6441     | 2.28   | cps   |
| Vanadium   | 51-2  | 76903    | 76782    | 76186    | 76624    | 0.50   | cps   |
| Yttrium    | 89-1  | 7725703  | 7953533  | 7994462  | 7891233  | 1.84   | cps   |
| Yttrium    | 89-2  | 259467   | 254194   | 251926   | 255195   | 1.52   | cps   |
| Zinc       | 66-2  | 13597    | 14334    | 14214    | 14048    | 2.82   | cps   |
| Zirconium  | 90-1  | 9337     | 8970     | 9137     | 9148     | 2.01   | cps   |



|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB94089             | Operator :        | Jaswal    |
| Lab Sample ID :         | J1987-11            | Instrumnet Name : | P8        |
| Client Sample ID :      | MJHR78              | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2018-03-22 14:04:13 | DataFile Name :   | 036SMPL.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|-----------|------|------|------|------|---------|--------|-------|
| Zirconium | 91-1 | 2125 | 2017 | 2334 | 2159    | 7.47   | cps   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB94089             | Operator :        | Jaswal    |
| Lab Sample ID :         | J1987-12            | Instrumnet Name : | P8        |
| Client Sample ID :      | MJHR79              | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2018-03-22 14:07:31 | DataFile Name :   | 037SMPL.d |

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|------------|-------|----------|----------|----------|----------|--------|-------|
| Aluminium  | 27-2  | 129090   | 127628   | 127872   | 128197   | 0.61   | cps   |
| Antimony   | 121-1 | 24307    | 23947    | 24949    | 24401    | 2.08   | cps   |
| Arsenic    | 75-2  | 6409     | 6518     | 6403     | 6444     | 1.01   | cps   |
| Barium     | 135-1 | 287969   | 290408   | 287982   | 288786   | 0.49   | cps   |
| Barium     | 137-1 | 494831   | 499233   | 503207   | 499091   | 0.84   | cps   |
| Beryllium  | 9-1   | 889      | 950      | 967      | 935      | 4.38   | cps   |
| Bismuth    | 209-1 | 6668124  | 6712487  | 6830174  | 6736928  | 1.24   | cps   |
| Bismuth    | 209-2 | 1629816  | 1631366  | 1562551  | 1607911  | 2.44   | cps   |
| Boron      | 10-1  | 375      | 400      | 383      | 386      | 3.30   | cps   |
| Boron      | 11-1  | 1700     | 1700     | 1542     | 1647     | 5.55   | cps   |
| Cadmium    | 111-1 | 1177     | 1142     | 1100     | 1140     | 3.37   | cps   |
| Cadmium    | 106-1 | 1342     | 1258     | 1175     | 1258     | 6.62   | cps   |
| Cadmium    | 108-1 | 42       | 50       | 50       | 47       | 10.18  | cps   |
| Calcium    | 43-1  | 95726    | 96288    | 93410    | 95141    | 1.60   | cps   |
| Calcium    | 44-1  | 1572614  | 1587863  | 1579381  | 1579953  | 0.48   | cps   |
| Chromium   | 52-2  | 30851    | 30463    | 30236    | 30517    | 1.02   | cps   |
| Cobalt     | 59-2  | 63417    | 63172    | 63290    | 63293    | 0.19   | cps   |
| Copper     | 63-2  | 133554   | 132706   | 132333   | 132864   | 0.47   | cps   |
| Dysprosium | 156-1 | 22963    | 23029    | 22963    | 22985    | 0.17   | cps   |
| Dysprosium | 156-2 | 4988     | 4894     | 4914     | 4932     | 1.00   | cps   |
| Erbium     | 164-1 | 22462    | 21911    | 21661    | 22011    | 1.86   | cps   |
| Erbium     | 164-2 | 4091     | 4051     | 4001     | 4047     | 1.11   | cps   |
| Gadolinium | 160-1 | 23314    | 22036    | 22662    | 22671    | 2.82   | cps   |
| Gadolinium | 160-2 | 6095     | 5655     | 5848     | 5866     | 3.76   | cps   |
| Holmium    | 165-1 | 10080707 | 9913597  | 10251065 | 10081790 | 1.67   | cps   |
| Holmium    | 165-2 | 2014066  | 2049700  | 2028087  | 2030618  | 0.88   | cps   |
| Indium     | 115-1 | 7388223  | 7366688  | 7537153  | 7430688  | 1.25   | cps   |
| Indium     | 115-2 | 324654   | 326652   | 323652   | 324986   | 0.47   | cps   |
| Iron       | 56-2  | 26311944 | 26034828 | 26090755 | 26145843 | 0.56   | cps   |
| Iron       | 57-2  | 655311   | 648586   | 651116   | 651671   | 0.52   | cps   |
| Lead       | 206-1 | 37166    | 37523    | 36620    | 37103    | 1.23   | cps   |
| Lead       | 207-1 | 31367    | 30426    | 30231    | 30675    | 1.98   | cps   |
| Lead       | 208-1 | 144337   | 143735   | 143650   | 143907   | 0.26   | cps   |
| Lithium    | 6-1   | 1325974  | 1352782  | 1371395  | 1350050  | 1.69   | cps   |
| Magnesium  | 24-2  | 107983   | 108176   | 107486   | 107882   | 0.33   | cps   |
| Manganese  | 55-2  | 469520   | 468545   | 468801   | 468955   | 0.11   | cps   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB94089             | Operator :        | Jaswal    |
| Lab Sample ID :         | J1987-12            | Instrumnet Name : | P8        |
| Client Sample ID :      | MJHR79              | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2018-03-22 14:07:31 | DataFile Name :   | 037SMPL.d |

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|------------|-------|----------|----------|----------|----------|--------|-------|
| Molybdenum | 94-1  | 3284     | 2775     | 2800     | 2953     | 9.71   | cps   |
| Molybdenum | 95-1  | 1192     | 925      | 1158     | 1092     | 13.31  | cps   |
| Molybdenum | 96-1  | 2242     | 1942     | 2125     | 2103     | 7.19   | cps   |
| Molybdenum | 97-1  | 683      | 758      | 600      | 681      | 11.64  | cps   |
| Molybdenum | 98-1  | 1625     | 1734     | 1775     | 1711     | 4.53   | cps   |
| Neodymium  | 150-1 | 30249    | 30095    | 30556    | 30300    | 0.77   | cps   |
| Neodymium  | 150-2 | 3734     | 4004     | 3977     | 3905     | 3.81   | cps   |
| Nickel     | 60-2  | 16206    | 16403    | 16266    | 16292    | 0.62   | cps   |
| Phosphorus | 31-2  | 358      | 467      | 433      | 419      | 13.23  | cps   |
| Potassium  | 39-2  | 11188    | 11689    | 11530    | 11469    | 2.23   | cps   |
| Rhodium    | 103-1 | 6657901  | 6676439  | 6863290  | 6732543  | 1.69   | cps   |
| Rhodium    | 103-2 | 1878864  | 1898669  | 1873590  | 1883707  | 0.70   | cps   |
| Scandium   | 45-1  | 3852709  | 3855261  | 3928277  | 3878749  | 1.11   | cps   |
| Scandium   | 45-2  | 36026    | 36174    | 35970    | 36056    | 0.29   | cps   |
| Selenium   | 77-2  | 33       | 30       | 23       | 29       | 17.63  | cps   |
| Selenium   | 78-2  | 13       | 20       | 7        | 14       | 47.88  | cps   |
| Selenium   | 82-1  | 48       | 30       | 60       | 46       | 33.42  | cps   |
| Silicon    | 28-1  | 3287440  | 3298032  | 3270994  | 3285488  | 0.41   | cps   |
| Silver     | 109-1 | 600      | 583      | 633      | 606      | 4.20   | cps   |
| Silver     | 107-1 | 717      | 708      | 692      | 706      | 1.80   | cps   |
| Sodium     | 23-2  | 13615    | 13298    | 13081    | 13332    | 2.01   | cps   |
| Strontium  | 86-1  | 125264   | 126709   | 123251   | 125074   | 1.39   | cps   |
| Strontium  | 88-1  | 1071062  | 1081803  | 1069888  | 1074251  | 0.61   | cps   |
| Sulfur     | 34-1  | 202126   | 200180   | 199937   | 200748   | 0.60   | cps   |
| Terbium    | 159-1 | 10429650 | 10220758 | 10548947 | 10399785 | 1.60   | cps   |
| Terbium    | 159-2 | 1977090  | 1985016  | 1947478  | 1969862  | 1.00   | cps   |
| Thallium   | 203-1 | 1083     | 1050     | 1275     | 1136     | 10.69  | cps   |
| Thallium   | 205-1 | 2926     | 2617     | 2817     | 2787     | 5.62   | cps   |
| Tin        | 118-1 | 5693     | 5543     | 5401     | 5546     | 2.63   | cps   |
| Titanium   | 47-1  | 57394    | 58356    | 58716    | 58155    | 1.18   | cps   |
| Uranium    | 238-1 | 5693     | 5568     | 5485     | 5582     | 1.88   | cps   |
| Vanadium   | 51-2  | 65047    | 63610    | 64514    | 64390    | 1.13   | cps   |
| Yttrium    | 89-1  | 7785799  | 7859472  | 7973852  | 7873041  | 1.20   | cps   |
| Yttrium    | 89-2  | 253547   | 251944   | 251485   | 252325   | 0.43   | cps   |
| Zinc       | 66-2  | 11658    | 12272    | 11905    | 11945    | 2.59   | cps   |
| Zirconium  | 90-1  | 6785     | 6652     | 6769     | 6735     | 1.08   | cps   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB94089             | Operator :        | Jaswal    |
| Lab Sample ID :         | J1987-12            | Instrumnet Name : | P8        |
| Client Sample ID :      | MJHR79              | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2018-03-22 14:07:31 | DataFile Name :   | 037SMPL.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|-----------|------|------|------|------|---------|--------|-------|
| Zirconium | 91-1 | 1559 | 1559 | 1492 | 1536    | 2.51   | cps   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB94089             | Operator :        | Jaswal    |
| Lab Sample ID :         | J1987-13            | Instrumnet Name : | P8        |
| Client Sample ID :      | MJHR80              | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2018-03-22 14:10:50 | DataFile Name :   | 038SMPL.d |

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|------------|-------|----------|----------|----------|----------|--------|-------|
| Aluminium  | 27-2  | 159183   | 160027   | 157078   | 158762   | 0.96   | cps   |
| Antimony   | 121-1 | 62162    | 61785    | 60571    | 61506    | 1.35   | cps   |
| Arsenic    | 75-2  | 7645     | 7782     | 7980     | 7802     | 2.16   | cps   |
| Barium     | 135-1 | 260984   | 261375   | 262522   | 261627   | 0.31   | cps   |
| Barium     | 137-1 | 461193   | 456739   | 456792   | 458241   | 0.56   | cps   |
| Beryllium  | 9-1   | 811      | 589      | 700      | 700      | 15.87  | cps   |
| Bismuth    | 209-1 | 6818211  | 6752086  | 6913411  | 6827903  | 1.19   | cps   |
| Bismuth    | 209-2 | 1611838  | 1617134  | 1588580  | 1605850  | 0.95   | cps   |
| Boron      | 10-1  | 508      | 467      | 450      | 475      | 6.33   | cps   |
| Boron      | 11-1  | 2109     | 2267     | 2142     | 2172     | 3.84   | cps   |
| Cadmium    | 111-1 | 1571     | 1468     | 1388     | 1476     | 6.20   | cps   |
| Cadmium    | 106-1 | 1433     | 1292     | 1325     | 1350     | 5.49   | cps   |
| Cadmium    | 108-1 | 71       | 46       | 63       | 60       | 21.32  | cps   |
| Calcium    | 43-1  | 98687    | 99174    | 99611    | 99157    | 0.47   | cps   |
| Calcium    | 44-1  | 1624156  | 1657591  | 1634022  | 1638590  | 1.05   | cps   |
| Chromium   | 52-2  | 35194    | 34947    | 35151    | 35097    | 0.38   | cps   |
| Cobalt     | 59-2  | 57666    | 56407    | 57579    | 57217    | 1.23   | cps   |
| Copper     | 63-2  | 156152   | 155441   | 156951   | 156182   | 0.48   | cps   |
| Dysprosium | 156-1 | 22545    | 22286    | 21702    | 22178    | 1.95   | cps   |
| Dysprosium | 156-2 | 4704     | 4661     | 4968     | 4778     | 3.48   | cps   |
| Erbium     | 164-1 | 18839    | 18631    | 18739    | 18736    | 0.56   | cps   |
| Erbium     | 164-2 | 3597     | 3474     | 3597     | 3556     | 2.00   | cps   |
| Gadolinium | 160-1 | 21886    | 22011    | 21577    | 21825    | 1.02   | cps   |
| Gadolinium | 160-2 | 5605     | 5648     | 5795     | 5682     | 1.75   | cps   |
| Holmium    | 165-1 | 10084950 | 9900879  | 10211668 | 10065833 | 1.55   | cps   |
| Holmium    | 165-2 | 1993985  | 2084140  | 2001997  | 2026708  | 2.46   | cps   |
| Indium     | 115-1 | 7449643  | 7330413  | 7466989  | 7415682  | 1.00   | cps   |
| Indium     | 115-2 | 327004   | 331818   | 325840   | 328221   | 0.97   | cps   |
| Iron       | 56-2  | 20360967 | 20205155 | 20410215 | 20325446 | 0.53   | cps   |
| Iron       | 57-2  | 507750   | 502863   | 505594   | 505402   | 0.48   | cps   |
| Lead       | 206-1 | 168328   | 169488   | 169877   | 169231   | 0.48   | cps   |
| Lead       | 207-1 | 139834   | 141648   | 140346   | 140609   | 0.67   | cps   |
| Lead       | 208-1 | 657195   | 658813   | 657660   | 657889   | 0.13   | cps   |
| Lithium    | 6-1   | 1348101  | 1340068  | 1369833  | 1352667  | 1.14   | cps   |
| Magnesium  | 24-2  | 139487   | 140259   | 136911   | 138886   | 1.26   | cps   |
| Manganese  | 55-2  | 407138   | 404570   | 407110   | 406273   | 0.36   | cps   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB94089             | Operator :        | Jaswal    |
| Lab Sample ID :         | J1987-13            | Instrumnet Name : | P8        |
| Client Sample ID :      | MJHR80              | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2018-03-22 14:10:50 | DataFile Name :   | 038SMPL.d |

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|------------|-------|----------|----------|----------|----------|--------|-------|
| Molybdenum | 94-1  | 2992     | 3184     | 2634     | 2937     | 9.51   | cps   |
| Molybdenum | 95-1  | 1258     | 1125     | 1200     | 1195     | 5.60   | cps   |
| Molybdenum | 96-1  | 2050     | 2100     | 2050     | 2067     | 1.40   | cps   |
| Molybdenum | 97-1  | 767      | 667      | 683      | 706      | 7.59   | cps   |
| Molybdenum | 98-1  | 2084     | 1867     | 2017     | 1989     | 5.58   | cps   |
| Neodymium  | 150-1 | 28659    | 28959    | 29066    | 28895    | 0.73   | cps   |
| Neodymium  | 150-2 | 3711     | 3861     | 3494     | 3688     | 5.00   | cps   |
| Nickel     | 60-2  | 16023    | 15762    | 15459    | 15748    | 1.79   | cps   |
| Phosphorus | 31-2  | 542      | 492      | 500      | 511      | 5.24   | cps   |
| Potassium  | 39-2  | 17562    | 17737    | 17436    | 17578    | 0.86   | cps   |
| Rhodium    | 103-1 | 6818329  | 6692942  | 6812805  | 6774692  | 1.05   | cps   |
| Rhodium    | 103-2 | 1882126  | 1867491  | 1885713  | 1878443  | 0.51   | cps   |
| Scandium   | 45-1  | 3796687  | 3785637  | 3866664  | 3816329  | 1.15   | cps   |
| Scandium   | 45-2  | 34272    | 35602    | 34733    | 34869    | 1.94   | cps   |
| Selenium   | 77-2  | 37       | 7        | 10       | 18       | 92.48  | cps   |
| Selenium   | 78-2  | 19       | 17       | 13       | 16       | 17.64  | cps   |
| Selenium   | 82-1  | 35       | 50       | -5       | 27       | 105.17 | cps   |
| Silicon    | 28-1  | 3339636  | 3392166  | 3390972  | 3374258  | 0.89   | cps   |
| Silver     | 109-1 | 750      | 683      | 808      | 747      | 8.37   | cps   |
| Silver     | 107-1 | 733      | 992      | 833      | 853      | 15.28  | cps   |
| Sodium     | 23-2  | 14658    | 14625    | 14424    | 14569    | 0.87   | cps   |
| Strontium  | 86-1  | 190435   | 193055   | 190825   | 191438   | 0.74   | cps   |
| Strontium  | 88-1  | 1695330  | 1683632  | 1679316  | 1686093  | 0.49   | cps   |
| Sulfur     | 34-1  | 208838   | 206842   | 206132   | 207271   | 0.68   | cps   |
| Terbium    | 159-1 | 10495273 | 10297724 | 10561459 | 10451485 | 1.31   | cps   |
| Terbium    | 159-2 | 1952610  | 1997661  | 1956060  | 1968777  | 1.27   | cps   |
| Thallium   | 203-1 | 2750     | 2684     | 3092     | 2842     | 7.71   | cps   |
| Thallium   | 205-1 | 6485     | 6402     | 6444     | 6444     | 0.65   | cps   |
| Tin        | 118-1 | 23647    | 23321    | 23914    | 23627    | 1.26   | cps   |
| Titanium   | 47-1  | 66952    | 65646    | 67019    | 66539    | 1.16   | cps   |
| Uranium    | 238-1 | 4243     | 4693     | 4559     | 4498     | 5.14   | cps   |
| Vanadium   | 51-2  | 50879    | 51531    | 51488    | 51299    | 0.71   | cps   |
| Yttrium    | 89-1  | 7818001  | 7622268  | 7877951  | 7772740  | 1.72   | cps   |
| Yttrium    | 89-2  | 251202   | 253158   | 251706   | 252022   | 0.40   | cps   |
| Zinc       | 66-2  | 18920    | 18596    | 18239    | 18585    | 1.83   | cps   |
| Zirconium  | 90-1  | 6127     | 6152     | 6585     | 6288     | 4.10   | cps   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB94089             | Operator :        | Jaswal    |
| Lab Sample ID :         | J1987-13            | Instrumnet Name : | P8        |
| Client Sample ID :      | MJHR80              | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2018-03-22 14:10:50 | DataFile Name :   | 038SMPL.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|-----------|------|------|------|------|---------|--------|-------|
| Zirconium | 91-1 | 1450 | 1583 | 1475 | 1503    | 4.72   | cps   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB94089             | Operator :        | Jaswal    |
| Lab Sample ID :         | J1987-14            | Instrumnet Name : | P8        |
| Client Sample ID :      | MJHR81              | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2018-03-22 14:14:09 | DataFile Name :   | 039SMPL.d |

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|------------|-------|----------|----------|----------|----------|--------|-------|
| Aluminium  | 27-2  | 138065   | 134440   | 136970   | 136492   | 1.36   | cps   |
| Antimony   | 121-1 | 29985    | 29893    | 30202    | 30026    | 0.53   | cps   |
| Arsenic    | 75-2  | 5346     | 5234     | 5233     | 5271     | 1.23   | cps   |
| Barium     | 135-1 | 369723   | 376112   | 372837   | 372891   | 0.86   | cps   |
| Barium     | 137-1 | 650975   | 653081   | 650556   | 651538   | 0.21   | cps   |
| Beryllium  | 9-1   | 800      | 767      | 772      | 780      | 2.29   | cps   |
| Bismuth    | 209-1 | 6869343  | 6702587  | 6869468  | 6813799  | 1.41   | cps   |
| Bismuth    | 209-2 | 1539491  | 1590754  | 1578165  | 1569470  | 1.70   | cps   |
| Boron      | 10-1  | 433      | 325      | 267      | 342      | 24.76  | cps   |
| Boron      | 11-1  | 1575     | 1567     | 1442     | 1528     | 4.89   | cps   |
| Cadmium    | 111-1 | 1203     | 1163     | 1214     | 1193     | 2.24   | cps   |
| Cadmium    | 106-1 | 1283     | 1208     | 1250     | 1247     | 3.01   | cps   |
| Cadmium    | 108-1 | 42       | 29       | 46       | 39       | 22.30  | cps   |
| Calcium    | 43-1  | 106066   | 108451   | 110146   | 108221   | 1.89   | cps   |
| Calcium    | 44-1  | 1810080  | 1799938  | 1800333  | 1803450  | 0.32   | cps   |
| Chromium   | 52-2  | 36959    | 36374    | 35435    | 36256    | 2.12   | cps   |
| Cobalt     | 59-2  | 45956    | 45809    | 45153    | 45639    | 0.94   | cps   |
| Copper     | 63-2  | 106414   | 104677   | 105829   | 105640   | 0.84   | cps   |
| Dysprosium | 156-1 | 20258    | 20317    | 19799    | 20125    | 1.41   | cps   |
| Dysprosium | 156-2 | 4264     | 4321     | 4131     | 4239     | 2.30   | cps   |
| Erbium     | 164-1 | 17821    | 17871    | 18230    | 17974    | 1.24   | cps   |
| Erbium     | 164-2 | 3287     | 3304     | 3424     | 3338     | 2.23   | cps   |
| Gadolinium | 160-1 | 20709    | 20317    | 19157    | 20061    | 4.02   | cps   |
| Gadolinium | 160-2 | 5295     | 5275     | 5405     | 5325     | 1.32   | cps   |
| Holmium    | 165-1 | 10081029 | 10026407 | 10002311 | 10036582 | 0.40   | cps   |
| Holmium    | 165-2 | 1953632  | 2044980  | 2024826  | 2007813  | 2.39   | cps   |
| Indium     | 115-1 | 7466868  | 7323454  | 7506202  | 7432174  | 1.29   | cps   |
| Indium     | 115-2 | 318317   | 330355   | 325568   | 324747   | 1.87   | cps   |
| Iron       | 56-2  | 21410553 | 21252095 | 21275402 | 21312683 | 0.40   | cps   |
| Iron       | 57-2  | 532841   | 523488   | 528435   | 528255   | 0.89   | cps   |
| Lead       | 206-1 | 70116    | 69763    | 70428    | 70102    | 0.47   | cps   |
| Lead       | 207-1 | 58122    | 59891    | 60103    | 59372    | 1.83   | cps   |
| Lead       | 208-1 | 272549   | 275780   | 274494   | 274274   | 0.59   | cps   |
| Lithium    | 6-1   | 1359920  | 1339505  | 1360919  | 1353448  | 0.89   | cps   |
| Magnesium  | 24-2  | 160976   | 157782   | 161288   | 160015   | 1.21   | cps   |
| Manganese  | 55-2  | 345431   | 341109   | 339753   | 342098   | 0.87   | cps   |



|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB94089             | Operator :        | Jaswal    |
| Lab Sample ID :         | J1987-14            | Instrumnet Name : | P8        |
| Client Sample ID :      | MJHR81              | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2018-03-22 14:14:09 | DataFile Name :   | 039SMPL.d |

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|------------|-------|----------|----------|----------|----------|--------|-------|
| Molybdenum | 94-1  | 3117     | 2792     | 2917     | 2942     | 5.57   | cps   |
| Molybdenum | 95-1  | 1192     | 1192     | 1067     | 1150     | 6.28   | cps   |
| Molybdenum | 96-1  | 1917     | 2117     | 1925     | 1986     | 5.70   | cps   |
| Molybdenum | 97-1  | 692      | 675      | 667      | 678      | 1.88   | cps   |
| Molybdenum | 98-1  | 1492     | 1634     | 1859     | 1661     | 11.13  | cps   |
| Neodymium  | 150-1 | 29300    | 29126    | 29587    | 29338    | 0.79   | cps   |
| Neodymium  | 150-2 | 3704     | 3621     | 3734     | 3686     | 1.59   | cps   |
| Nickel     | 60-2  | 11702    | 11211    | 11772    | 11562    | 2.64   | cps   |
| Phosphorus | 31-2  | 492      | 542      | 450      | 494      | 9.28   | cps   |
| Potassium  | 39-2  | 16928    | 16569    | 16502    | 16666    | 1.37   | cps   |
| Rhodium    | 103-1 | 6728053  | 6620806  | 6782384  | 6710414  | 1.23   | cps   |
| Rhodium    | 103-2 | 1839973  | 1890672  | 1878032  | 1869559  | 1.41   | cps   |
| Scandium   | 45-1  | 3814647  | 3745552  | 3840475  | 3800225  | 1.29   | cps   |
| Scandium   | 45-2  | 34379    | 35208    | 35154    | 34914    | 1.33   | cps   |
| Selenium   | 77-2  | 13       | 17       | 33       | 21       | 50.75  | cps   |
| Selenium   | 78-2  | 15       | 15       | 7        | 12       | 34.61  | cps   |
| Selenium   | 82-1  | 69       | 32       | 18       | 40       | 67.30  | cps   |
| Silicon    | 28-1  | 3507510  | 3468086  | 3511133  | 3495576  | 0.68   | cps   |
| Silver     | 109-1 | 750      | 850      | 875      | 825      | 8.02   | cps   |
| Silver     | 107-1 | 783      | 958      | 933      | 892      | 10.62  | cps   |
| Sodium     | 23-2  | 14933    | 13724    | 13315    | 13991    | 6.02   | cps   |
| Strontium  | 86-1  | 181104   | 180707   | 180410   | 180741   | 0.19   | cps   |
| Strontium  | 88-1  | 1629540  | 1584209  | 1618254  | 1610668  | 1.47   | cps   |
| Sulfur     | 34-1  | 197138   | 199606   | 198036   | 198260   | 0.63   | cps   |
| Terbium    | 159-1 | 10344052 | 10365962 | 10372351 | 10360788 | 0.14   | cps   |
| Terbium    | 159-2 | 1929462  | 2004170  | 1970463  | 1968032  | 1.90   | cps   |
| Thallium   | 203-1 | 825      | 892      | 1100     | 939      | 15.28  | cps   |
| Thallium   | 205-1 | 2275     | 1934     | 2275     | 2161     | 9.13   | cps   |
| Tin        | 118-1 | 6018     | 6052     | 5843     | 5971     | 1.87   | cps   |
| Titanium   | 47-1  | 64717    | 64382    | 64575    | 64558    | 0.26   | cps   |
| Uranium    | 238-1 | 4826     | 4684     | 4985     | 4832     | 3.11   | cps   |
| Vanadium   | 51-2  | 53415    | 52645    | 52602    | 52887    | 0.86   | cps   |
| Yttrium    | 89-1  | 7778797  | 7626210  | 7755659  | 7720222  | 1.07   | cps   |
| Yttrium    | 89-2  | 245911   | 252752   | 251173   | 249946   | 1.43   | cps   |
| Zinc       | 66-2  | 13593    | 13283    | 13437    | 13438    | 1.15   | cps   |
| Zirconium  | 90-1  | 6152     | 6285     | 6335     | 6257     | 1.52   | cps   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB94089             | Operator :        | Jaswal    |
| Lab Sample ID :         | J1987-14            | Instrumnet Name : | P8        |
| Client Sample ID :      | MJHR81              | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2018-03-22 14:14:09 | DataFile Name :   | 039SMPL.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|-----------|------|------|------|------|---------|--------|-------|
| Zirconium | 91-1 | 1567 | 1408 | 1383 | 1453    | 6.84   | cps   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB94089             | Operator :        | Jaswal    |
| Lab Sample ID :         | J1987-15            | Instrumnet Name : | P8        |
| Client Sample ID :      | MJHR82              | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2018-03-22 14:17:30 | DataFile Name :   | 040SMPL.d |

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|------------|-------|----------|----------|----------|----------|--------|-------|
| Aluminium  | 27-2  | 148839   | 149665   | 152973   | 150492   | 1.45   | cps   |
| Antimony   | 121-1 | 49467    | 49551    | 47870    | 48963    | 1.93   | cps   |
| Arsenic    | 75-2  | 6928     | 7100     | 6811     | 6946     | 2.09   | cps   |
| Barium     | 135-1 | 347594   | 348950   | 346806   | 347783   | 0.31   | cps   |
| Barium     | 137-1 | 601060   | 600016   | 606789   | 602622   | 0.61   | cps   |
| Beryllium  | 9-1   | 706      | 817      | 878      | 800      | 10.91  | cps   |
| Bismuth    | 209-1 | 6849634  | 6722591  | 6951253  | 6841159  | 1.67   | cps   |
| Bismuth    | 209-2 | 1594035  | 1611364  | 1597569  | 1600989  | 0.57   | cps   |
| Boron      | 10-1  | 400      | 358      | 525      | 428      | 20.28  | cps   |
| Boron      | 11-1  | 1967     | 1659     | 1942     | 1856     | 9.23   | cps   |
| Cadmium    | 111-1 | 1535     | 1288     | 1561     | 1461     | 10.31  | cps   |
| Cadmium    | 106-1 | 1300     | 1225     | 1400     | 1308     | 6.71   | cps   |
| Cadmium    | 108-1 | 54       | 58       | 46       | 53       | 12.06  | cps   |
| Calcium    | 43-1  | 125995   | 126238   | 125086   | 125773   | 0.48   | cps   |
| Calcium    | 44-1  | 2109873  | 2112526  | 2121978  | 2114792  | 0.30   | cps   |
| Chromium   | 52-2  | 36815    | 36868    | 37434    | 37039    | 0.93   | cps   |
| Cobalt     | 59-2  | 59654    | 59343    | 59570    | 59522    | 0.27   | cps   |
| Copper     | 63-2  | 143225   | 143916   | 142525   | 143222   | 0.49   | cps   |
| Dysprosium | 156-1 | 25167    | 24474    | 24524    | 24721    | 1.56   | cps   |
| Dysprosium | 156-2 | 5378     | 5161     | 5495     | 5345     | 3.17   | cps   |
| Erbium     | 164-1 | 20625    | 21861    | 21227    | 21238    | 2.91   | cps   |
| Erbium     | 164-2 | 3991     | 4004     | 4157     | 4051     | 2.29   | cps   |
| Gadolinium | 160-1 | 25058    | 24582    | 24457    | 24699    | 1.28   | cps   |
| Gadolinium | 160-2 | 6452     | 6232     | 6495     | 6393     | 2.21   | cps   |
| Holmium    | 165-1 | 10091208 | 9820211  | 10197118 | 10036179 | 1.94   | cps   |
| Holmium    | 165-2 | 1998950  | 2031222  | 2025231  | 2018467  | 0.85   | cps   |
| Indium     | 115-1 | 7496876  | 7396514  | 7472912  | 7455434  | 0.70   | cps   |
| Indium     | 115-2 | 320399   | 328839   | 325921   | 325053   | 1.32   | cps   |
| Iron       | 56-2  | 21580050 | 21219552 | 21230342 | 21343315 | 0.96   | cps   |
| Iron       | 57-2  | 532622   | 528763   | 525719   | 529035   | 0.65   | cps   |
| Lead       | 206-1 | 153735   | 155821   | 152370   | 153975   | 1.13   | cps   |
| Lead       | 207-1 | 127973   | 126619   | 127377   | 127323   | 0.53   | cps   |
| Lead       | 208-1 | 594513   | 593729   | 593610   | 593951   | 0.08   | cps   |
| Lithium    | 6-1   | 1357430  | 1332758  | 1374586  | 1354925  | 1.55   | cps   |
| Magnesium  | 24-2  | 163124   | 163244   | 162848   | 163072   | 0.12   | cps   |
| Manganese  | 55-2  | 483176   | 480469   | 479366   | 481004   | 0.41   | cps   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB94089             | Operator :        | Jaswal    |
| Lab Sample ID :         | J1987-15            | Instrumnet Name : | P8        |
| Client Sample ID :      | MJHR82              | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2018-03-22 14:17:30 | DataFile Name :   | 040SMPL.d |

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|------------|-------|----------|----------|----------|----------|--------|-------|
| Molybdenum | 94-1  | 3034     | 3025     | 2875     | 2978     | 2.99   | cps   |
| Molybdenum | 95-1  | 1225     | 1317     | 1267     | 1270     | 3.61   | cps   |
| Molybdenum | 96-1  | 2075     | 1800     | 2209     | 2028     | 10.27  | cps   |
| Molybdenum | 97-1  | 858      | 900      | 750      | 836      | 9.26   | cps   |
| Molybdenum | 98-1  | 2059     | 2000     | 2217     | 2092     | 5.36   | cps   |
| Neodymium  | 150-1 | 33657    | 33189    | 32882    | 33243    | 1.17   | cps   |
| Neodymium  | 150-2 | 4174     | 4267     | 4211     | 4217     | 1.12   | cps   |
| Nickel     | 60-2  | 16300    | 15349    | 15692    | 15780    | 3.05   | cps   |
| Phosphorus | 31-2  | 550      | 408      | 475      | 478      | 14.83  | cps   |
| Potassium  | 39-2  | 12514    | 11847    | 12681    | 12348    | 3.57   | cps   |
| Rhodium    | 103-1 | 6813385  | 6680844  | 6824210  | 6772813  | 1.18   | cps   |
| Rhodium    | 103-2 | 1836629  | 1894183  | 1884191  | 1871668  | 1.64   | cps   |
| Scandium   | 45-1  | 3836461  | 3757937  | 3869493  | 3821297  | 1.50   | cps   |
| Scandium   | 45-2  | 34830    | 35368    | 34633    | 34944    | 1.09   | cps   |
| Selenium   | 77-2  | 43       | 27       | 53       | 41       | 32.77  | cps   |
| Selenium   | 78-2  | 22       | 13       | 7        | 14       | 52.70  | cps   |
| Selenium   | 82-1  | 108      | 14       | 15       | 45       | 118.23 | cps   |
| Silicon    | 28-1  | 3096215  | 3104640  | 3074972  | 3091942  | 0.49   | cps   |
| Silver     | 109-1 | 858      | 742      | 908      | 836      | 10.23  | cps   |
| Silver     | 107-1 | 817      | 917      | 992      | 908      | 9.67   | cps   |
| Sodium     | 23-2  | 15451    | 15225    | 15434    | 15370    | 0.82   | cps   |
| Strontium  | 86-1  | 243363   | 241025   | 240955   | 241781   | 0.57   | cps   |
| Strontium  | 88-1  | 2161240  | 2151357  | 2183665  | 2165421  | 0.76   | cps   |
| Sulfur     | 34-1  | 200790   | 202102   | 198956   | 200616   | 0.79   | cps   |
| Terbium    | 159-1 | 10495634 | 10256307 | 10399937 | 10383960 | 1.16   | cps   |
| Terbium    | 159-2 | 1933292  | 1985601  | 1967636  | 1962177  | 1.35   | cps   |
| Thallium   | 203-1 | 1500     | 1525     | 1767     | 1597     | 9.22   | cps   |
| Thallium   | 205-1 | 3801     | 4109     | 4018     | 3976     | 3.98   | cps   |
| Tin        | 118-1 | 15276    | 15485    | 14141    | 14967    | 4.83   | cps   |
| Titanium   | 47-1  | 68309    | 67932    | 67865    | 68035    | 0.35   | cps   |
| Uranium    | 238-1 | 4793     | 5468     | 5068     | 5110     | 6.65   | cps   |
| Vanadium   | 51-2  | 58050    | 57263    | 59285    | 58199    | 1.75   | cps   |
| Yttrium    | 89-1  | 7862940  | 7707961  | 7902357  | 7824419  | 1.31   | cps   |
| Yttrium    | 89-2  | 246346   | 253583   | 253537   | 251156   | 1.66   | cps   |
| Zinc       | 66-2  | 18736    | 18970    | 18923    | 18876    | 0.66   | cps   |
| Zirconium  | 90-1  | 5952     | 5985     | 6110     | 6016     | 1.39   | cps   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB94089             | Operator :        | Jaswal    |
| Lab Sample ID :         | J1987-15            | Instrumnet Name : | P8        |
| Client Sample ID :      | MJHR82              | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2018-03-22 14:17:30 | DataFile Name :   | 040SMPL.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|-----------|------|------|------|------|---------|--------|-------|
| Zirconium | 91-1 | 1550 | 1492 | 1358 | 1467    | 6.70   | cps   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB94089             | Operator :        | Jaswal    |
| Lab Sample ID :         | J1987-16            | Instrumnet Name : | P8        |
| Client Sample ID :      | MJHR83              | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2018-03-22 14:20:48 | DataFile Name :   | 041SMPL.d |

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|------------|-------|----------|----------|----------|----------|--------|-------|
| Aluminium  | 27-2  | 147688   | 147955   | 147071   | 147571   | 0.31   | cps   |
| Antimony   | 121-1 | 44525    | 45554    | 45220    | 45100    | 1.16   | cps   |
| Arsenic    | 75-2  | 7259     | 7382     | 7361     | 7334     | 0.89   | cps   |
| Barium     | 135-1 | 323824   | 319269   | 322527   | 321874   | 0.73   | cps   |
| Barium     | 137-1 | 560982   | 560639   | 563463   | 561695   | 0.27   | cps   |
| Beryllium  | 9-1   | 861      | 817      | 939      | 872      | 7.09   | cps   |
| Bismuth    | 209-1 | 6878812  | 6839349  | 6799374  | 6839178  | 0.58   | cps   |
| Bismuth    | 209-2 | 1553209  | 1598172  | 1600997  | 1584126  | 1.69   | cps   |
| Boron      | 10-1  | 317      | 433      | 450      | 400      | 18.16  | cps   |
| Boron      | 11-1  | 1892     | 1734     | 1992     | 1872     | 6.96   | cps   |
| Cadmium    | 111-1 | 1323     | 1270     | 1418     | 1337     | 5.60   | cps   |
| Cadmium    | 106-1 | 1225     | 1317     | 1267     | 1270     | 3.62   | cps   |
| Cadmium    | 108-1 | 38       | 63       | 33       | 44       | 35.50  | cps   |
| Calcium    | 43-1  | 106443   | 108190   | 106737   | 107124   | 0.87   | cps   |
| Calcium    | 44-1  | 1801381  | 1791292  | 1774773  | 1789149  | 0.75   | cps   |
| Chromium   | 52-2  | 35552    | 34573    | 34823    | 34983    | 1.45   | cps   |
| Cobalt     | 59-2  | 63002    | 62269    | 62138    | 62469    | 0.75   | cps   |
| Copper     | 63-2  | 142734   | 141095   | 140842   | 141557   | 0.73   | cps   |
| Dysprosium | 156-1 | 24666    | 24123    | 24849    | 24546    | 1.54   | cps   |
| Dysprosium | 156-2 | 5371     | 5448     | 5228     | 5349     | 2.09   | cps   |
| Erbium     | 164-1 | 22787    | 21911    | 21552    | 22084    | 2.88   | cps   |
| Erbium     | 164-2 | 4194     | 4167     | 4077     | 4146     | 1.48   | cps   |
| Gadolinium | 160-1 | 25584    | 25142    | 24365    | 25030    | 2.47   | cps   |
| Gadolinium | 160-2 | 6572     | 6398     | 6578     | 6516     | 1.57   | cps   |
| Holmium    | 165-1 | 10110815 | 10048211 | 10142154 | 10100393 | 0.47   | cps   |
| Holmium    | 165-2 | 2009931  | 2025446  | 2024913  | 2020097  | 0.44   | cps   |
| Indium     | 115-1 | 7578088  | 7339801  | 7423985  | 7447291  | 1.62   | cps   |
| Indium     | 115-2 | 320174   | 324765   | 325076   | 323338   | 0.85   | cps   |
| Iron       | 56-2  | 23109464 | 23199748 | 23146015 | 23151742 | 0.20   | cps   |
| Iron       | 57-2  | 574332   | 574784   | 578005   | 575707   | 0.35   | cps   |
| Lead       | 206-1 | 145002   | 148041   | 148074   | 147039   | 1.20   | cps   |
| Lead       | 207-1 | 120786   | 118828   | 121055   | 120223   | 1.01   | cps   |
| Lead       | 208-1 | 562281   | 567843   | 571164   | 567096   | 0.79   | cps   |
| Lithium    | 6-1   | 1373182  | 1342992  | 1373018  | 1363064  | 1.28   | cps   |
| Magnesium  | 24-2  | 131160   | 130124   | 128787   | 130023   | 0.91   | cps   |
| Manganese  | 55-2  | 480194   | 478999   | 478012   | 479068   | 0.23   | cps   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB94089             | Operator :        | Jaswal    |
| Lab Sample ID :         | J1987-16            | Instrumnet Name : | P8        |
| Client Sample ID :      | MJHR83              | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2018-03-22 14:20:48 | DataFile Name :   | 041SMPL.d |

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD   | Units |
|------------|-------|----------|----------|----------|----------|----------|-------|
| Molybdenum | 94-1  | 3184     | 3134     | 3134     | 3151     | 0.92     | cps   |
| Molybdenum | 95-1  | 1125     | 1225     | 1217     | 1189     | 4.67     | cps   |
| Molybdenum | 96-1  | 2192     | 2184     | 2175     | 2184     | 0.38     | cps   |
| Molybdenum | 97-1  | 742      | 642      | 733      | 706      | 7.86     | cps   |
| Molybdenum | 98-1  | 2059     | 1934     | 2000     | 1997     | 3.13     | cps   |
| Neodymium  | 150-1 | 33069    | 33203    | 33249    | 33174    | 0.28     | cps   |
| Neodymium  | 150-2 | 4077     | 4117     | 4434     | 4210     | 4.64     | cps   |
| Nickel     | 60-2  | 15512    | 16049    | 15402    | 15655    | 2.21     | cps   |
| Phosphorus | 31-2  | 492      | 558      | 467      | 506      | 9.37     | cps   |
| Potassium  | 39-2  | 10971    | 11172    | 11205    | 11116    | 1.14     | cps   |
| Rhodium    | 103-1 | 6808867  | 6689523  | 6681363  | 6726585  | 1.06     | cps   |
| Rhodium    | 103-2 | 1857492  | 1863370  | 1869523  | 1863462  | 0.32     | cps   |
| Scandium   | 45-1  | 3850786  | 3824295  | 3811238  | 3828773  | 0.53     | cps   |
| Scandium   | 45-2  | 34282    | 34770    | 35271    | 34774    | 1.42     | cps   |
| Selenium   | 77-2  | 0        | 20       | 27       | 16       | 89.22    | cps   |
| Selenium   | 78-2  | 15       | 20       | 19       | 18       | 15.82    | cps   |
| Selenium   | 82-1  | 19       | 11       | -36      | -2       | -1681.96 | cps   |
| Silicon    | 28-1  | 3369599  | 3378696  | 3383532  | 3377275  | 0.21     | cps   |
| Silver     | 109-1 | 733      | 892      | 667      | 764      | 15.13    | cps   |
| Silver     | 107-1 | 917      | 742      | 817      | 825      | 10.64    | cps   |
| Sodium     | 23-2  | 14550    | 14942    | 15768    | 15086    | 4.12     | cps   |
| Strontium  | 86-1  | 213401   | 216219   | 213718   | 214446   | 0.72     | cps   |
| Strontium  | 88-1  | 1912788  | 1894117  | 1913456  | 1906787  | 0.58     | cps   |
| Sulfur     | 34-1  | 196016   | 194960   | 195264   | 195414   | 0.28     | cps   |
| Terbium    | 159-1 | 10597518 | 10368854 | 10342787 | 10436386 | 1.34     | cps   |
| Terbium    | 159-2 | 1916842  | 1937271  | 1972893  | 1942335  | 1.46     | cps   |
| Thallium   | 203-1 | 1642     | 1742     | 1534     | 1639     | 6.36     | cps   |
| Thallium   | 205-1 | 3984     | 4026     | 3776     | 3929     | 3.41     | cps   |
| Tin        | 118-1 | 16235    | 16085    | 16386    | 16235    | 0.92     | cps   |
| Titanium   | 47-1  | 71701    | 68937    | 69121    | 69920    | 2.21     | cps   |
| Uranium    | 238-1 | 5543     | 5426     | 5393     | 5454     | 1.45     | cps   |
| Vanadium   | 51-2  | 66577    | 66875    | 66454    | 66635    | 0.33     | cps   |
| Yttrium    | 89-1  | 7931654  | 7846068  | 7724861  | 7834194  | 1.33     | cps   |
| Yttrium    | 89-2  | 248369   | 252435   | 251190   | 250665   | 0.83     | cps   |
| Zinc       | 66-2  | 17848    | 17668    | 17388    | 17635    | 1.32     | cps   |
| Zirconium  | 90-1  | 6752     | 6910     | 6760     | 6808     | 1.31     | cps   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB94089             | Operator :        | Jaswal    |
| Lab Sample ID :         | J1987-16            | Instrumnet Name : | P8        |
| Client Sample ID :      | MJHR83              | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2018-03-22 14:20:48 | DataFile Name :   | 041SMPL.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|-----------|------|------|------|------|---------|--------|-------|
| Zirconium | 91-1 | 1559 | 1383 | 1517 | 1486    | 6.15   | cps   |



|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB94089             | Operator :        | Jaswal    |
| Lab Sample ID :         | J1987-17            | Instrumnet Name : | P8        |
| Client Sample ID :      | MJHR84              | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2018-03-22 14:24:09 | DataFile Name :   | 042SMPL.d |

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|------------|-------|----------|----------|----------|----------|--------|-------|
| Aluminium  | 27-2  | 242676   | 238574   | 237037   | 239429   | 1.22   | cps   |
| Antimony   | 121-1 | 147323   | 145727   | 145064   | 146038   | 0.80   | cps   |
| Arsenic    | 75-2  | 17478    | 16899    | 16586    | 16988    | 2.66   | cps   |
| Barium     | 135-1 | 171508   | 174393   | 174748   | 173550   | 1.02   | cps   |
| Barium     | 137-1 | 302376   | 303616   | 304620   | 303537   | 0.37   | cps   |
| Beryllium  | 9-1   | 889      | 717      | 883      | 830      | 11.80  | cps   |
| Bismuth    | 209-1 | 7013623  | 6811543  | 6824629  | 6883265  | 1.64   | cps   |
| Bismuth    | 209-2 | 1611585  | 1657201  | 1573070  | 1613952  | 2.61   | cps   |
| Boron      | 10-1  | 600      | 542      | 758      | 633      | 17.70  | cps   |
| Boron      | 11-1  | 2875     | 2859     | 3176     | 2970     | 6.00   | cps   |
| Cadmium    | 111-1 | 1843     | 1695     | 1611     | 1716     | 6.84   | cps   |
| Cadmium    | 106-1 | 1592     | 1300     | 1250     | 1381     | 13.37  | cps   |
| Cadmium    | 108-1 | 108      | 88       | 92       | 96       | 11.51  | cps   |
| Calcium    | 43-1  | 66935    | 67923    | 68568    | 67809    | 1.21   | cps   |
| Calcium    | 44-1  | 1123464  | 1135074  | 1131060  | 1129866  | 0.52   | cps   |
| Chromium   | 52-2  | 59295    | 59961    | 59526    | 59594    | 0.57   | cps   |
| Cobalt     | 59-2  | 78349    | 77371    | 77748    | 77823    | 0.63   | cps   |
| Copper     | 63-2  | 176710   | 176504   | 174550   | 175922   | 0.68   | cps   |
| Dysprosium | 156-1 | 22779    | 24115    | 24098    | 23664    | 3.24   | cps   |
| Dysprosium | 156-2 | 5231     | 5078     | 5204     | 5171     | 1.58   | cps   |
| Erbium     | 164-1 | 20192    | 21026    | 20383    | 20534    | 2.13   | cps   |
| Erbium     | 164-2 | 3727     | 3644     | 3711     | 3694     | 1.19   | cps   |
| Gadolinium | 160-1 | 23881    | 24541    | 24148    | 24190    | 1.37   | cps   |
| Gadolinium | 160-2 | 6308     | 6228     | 6522     | 6353     | 2.39   | cps   |
| Holmium    | 165-1 | 10311847 | 10042286 | 10111779 | 10155304 | 1.38   | cps   |
| Holmium    | 165-2 | 2013016  | 2032567  | 2027122  | 2024235  | 0.50   | cps   |
| Indium     | 115-1 | 7569984  | 7426876  | 7454986  | 7483949  | 1.01   | cps   |
| Indium     | 115-2 | 318602   | 327082   | 321700   | 322462   | 1.33   | cps   |
| Iron       | 56-2  | 24377192 | 24002748 | 23775887 | 24051942 | 1.26   | cps   |
| Iron       | 57-2  | 608691   | 599369   | 595397   | 601152   | 1.14   | cps   |
| Lead       | 206-1 | 364376   | 367292   | 370189   | 367286   | 0.79   | cps   |
| Lead       | 207-1 | 310939   | 305684   | 309356   | 308659   | 0.87   | cps   |
| Lead       | 208-1 | 1445747  | 1440815  | 1445367  | 1443976  | 0.19   | cps   |
| Lithium    | 6-1   | 1370661  | 1364515  | 1378660  | 1371279  | 0.52   | cps   |
| Magnesium  | 24-2  | 46719    | 46075    | 47113    | 46636    | 1.12   | cps   |
| Manganese  | 55-2  | 575037   | 568706   | 562767   | 568837   | 1.08   | cps   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB94089             | Operator :        | Jaswal    |
| Lab Sample ID :         | J1987-17            | Instrumnet Name : | P8        |
| Client Sample ID :      | MJHR84              | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2018-03-22 14:24:09 | DataFile Name :   | 042SMPL.d |

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|------------|-------|----------|----------|----------|----------|--------|-------|
| Molybdenum | 94-1  | 4259     | 4076     | 4084     | 4140     | 2.50   | cps   |
| Molybdenum | 95-1  | 1375     | 1417     | 1350     | 1381     | 2.44   | cps   |
| Molybdenum | 96-1  | 2434     | 2384     | 2100     | 2306     | 7.80   | cps   |
| Molybdenum | 97-1  | 783      | 808      | 717      | 770      | 6.16   | cps   |
| Molybdenum | 98-1  | 2042     | 2209     | 2217     | 2156     | 4.58   | cps   |
| Neodymium  | 150-1 | 26327    | 27730    | 27262    | 27106    | 2.64   | cps   |
| Neodymium  | 150-2 | 3447     | 3431     | 3471     | 3449     | 0.58   | cps   |
| Nickel     | 60-2  | 21029    | 21006    | 20839    | 20958    | 0.50   | cps   |
| Phosphorus | 31-2  | 442      | 408      | 467      | 439      | 6.67   | cps   |
| Potassium  | 39-2  | 8344     | 8778     | 8461     | 8528     | 2.63   | cps   |
| Rhodium    | 103-1 | 6874288  | 6715356  | 6716180  | 6768608  | 1.35   | cps   |
| Rhodium    | 103-2 | 1815008  | 1872692  | 1855993  | 1847898  | 1.61   | cps   |
| Scandium   | 45-1  | 3938126  | 3823875  | 3862264  | 3874755  | 1.50   | cps   |
| Scandium   | 45-2  | 34706    | 34663    | 34977    | 34782    | 0.49   | cps   |
| Selenium   | 77-2  | 17       | 20       | 23       | 20       | 16.65  | cps   |
| Selenium   | 78-2  | 11       | 2        | 11       | 8        | 66.63  | cps   |
| Selenium   | 82-1  | 41       | 58       | -7       | 31       | 108.84 | cps   |
| Silicon    | 28-1  | 4528244  | 4503849  | 4424470  | 4485521  | 1.21   | cps   |
| Silver     | 109-1 | 1392     | 1367     | 1417     | 1392     | 1.80   | cps   |
| Silver     | 107-1 | 1675     | 1725     | 1592     | 1664     | 4.05   | cps   |
| Sodium     | 23-2  | 15442    | 15501    | 15718    | 15554    | 0.93   | cps   |
| Strontium  | 86-1  | 148919   | 149756   | 150555   | 149744   | 0.55   | cps   |
| Strontium  | 88-1  | 1290932  | 1293753  | 1291510  | 1292065  | 0.12   | cps   |
| Sulfur     | 34-1  | 193298   | 192985   | 190551   | 192278   | 0.78   | cps   |
| Terbium    | 159-1 | 10542313 | 10511229 | 10465985 | 10506509 | 0.37   | cps   |
| Terbium    | 159-2 | 1931628  | 1969754  | 1953344  | 1951575  | 0.98   | cps   |
| Thallium   | 203-1 | 3267     | 3076     | 3017     | 3120     | 4.19   | cps   |
| Thallium   | 205-1 | 7586     | 7594     | 7786     | 7655     | 1.48   | cps   |
| Tin        | 118-1 | 228189   | 231012   | 228020   | 229074   | 0.73   | cps   |
| Titanium   | 47-1  | 45969    | 45366    | 45475    | 45603    | 0.70   | cps   |
| Uranium    | 238-1 | 4001     | 4184     | 4526     | 4237     | 6.29   | cps   |
| Vanadium   | 51-2  | 58485    | 57210    | 57578    | 57758    | 1.14   | cps   |
| Yttrium    | 89-1  | 7911064  | 7697985  | 7682189  | 7763746  | 1.65   | cps   |
| Yttrium    | 89-2  | 245375   | 253715   | 248363   | 249151   | 1.70   | cps   |
| Zinc       | 66-2  | 21510    | 20886    | 20923    | 21106    | 1.66   | cps   |
| Zirconium  | 90-1  | 9696     | 9270     | 9454     | 9473     | 2.25   | cps   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB94089             | Operator :        | Jaswal    |
| Lab Sample ID :         | J1987-17            | Instrumnet Name : | P8        |
| Client Sample ID :      | MJHR84              | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2018-03-22 14:24:09 | DataFile Name :   | 042SMPL.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|-----------|------|------|------|------|---------|--------|-------|
| Zirconium | 91-1 | 2284 | 2175 | 2142 | 2200    | 3.37   | cps   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB94089             | Operator :        | Jaswal    |
| Lab Sample ID :         | J1987-18            | Instrumnet Name : | P8        |
| Client Sample ID :      | MJHR85              | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2018-03-22 14:27:28 | DataFile Name :   | 043SMPL.d |

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|------------|-------|----------|----------|----------|----------|--------|-------|
| Aluminium  | 27-2  | 135130   | 134531   | 131303   | 133655   | 1.54   | cps   |
| Antimony   | 121-1 | 22178    | 23046    | 23121    | 22781    | 2.30   | cps   |
| Arsenic    | 75-2  | 6887     | 6956     | 6820     | 6888     | 0.98   | cps   |
| Barium     | 135-1 | 380317   | 378510   | 387069   | 381966   | 1.18   | cps   |
| Barium     | 137-1 | 655956   | 653587   | 674869   | 661471   | 1.76   | cps   |
| Beryllium  | 9-1   | 983      | 883      | 989      | 952      | 6.24   | cps   |
| Bismuth    | 209-1 | 6961323  | 6770775  | 7069802  | 6933966  | 2.18   | cps   |
| Bismuth    | 209-2 | 1628747  | 1649020  | 1641574  | 1639780  | 0.63   | cps   |
| Boron      | 10-1  | 325      | 308      | 350      | 328      | 6.40   | cps   |
| Boron      | 11-1  | 1467     | 1500     | 1558     | 1508     | 3.08   | cps   |
| Cadmium    | 111-1 | 1563     | 1397     | 1586     | 1515     | 6.82   | cps   |
| Cadmium    | 106-1 | 1417     | 1200     | 1300     | 1306     | 8.31   | cps   |
| Cadmium    | 108-1 | 71       | 92       | 88       | 83       | 13.23  | cps   |
| Calcium    | 43-1  | 96170    | 95649    | 96748    | 96189    | 0.57   | cps   |
| Calcium    | 44-1  | 1580451  | 1611028  | 1644202  | 1611894  | 1.98   | cps   |
| Chromium   | 52-2  | 28359    | 27400    | 27290    | 27683    | 2.12   | cps   |
| Cobalt     | 59-2  | 122492   | 120889   | 121672   | 121684   | 0.66   | cps   |
| Copper     | 63-2  | 194386   | 194605   | 194581   | 194524   | 0.06   | cps   |
| Dysprosium | 156-1 | 34372    | 35482    | 35825    | 35226    | 2.16   | cps   |
| Dysprosium | 156-2 | 7826     | 8006     | 7656     | 7829     | 2.24   | cps   |
| Erbium     | 164-1 | 32767    | 32366    | 33736    | 32957    | 2.14   | cps   |
| Erbium     | 164-2 | 6145     | 6222     | 6175     | 6180     | 0.63   | cps   |
| Gadolinium | 160-1 | 36076    | 36761    | 37455    | 36764    | 1.88   | cps   |
| Gadolinium | 160-2 | 9727     | 9664     | 9537     | 9643     | 1.00   | cps   |
| Holmium    | 165-1 | 10380890 | 10169175 | 10444598 | 10331554 | 1.40   | cps   |
| Holmium    | 165-2 | 2049833  | 2066892  | 2071823  | 2062849  | 0.56   | cps   |
| Indium     | 115-1 | 7547830  | 7355266  | 7595204  | 7499433  | 1.69   | cps   |
| Indium     | 115-2 | 322597   | 330413   | 331301   | 328104   | 1.46   | cps   |
| Iron       | 56-2  | 27721167 | 27507060 | 27574353 | 27600860 | 0.40   | cps   |
| Iron       | 57-2  | 688023   | 683769   | 691009   | 687600   | 0.53   | cps   |
| Lead       | 206-1 | 71573    | 72121    | 73685    | 72460    | 1.51   | cps   |
| Lead       | 207-1 | 60366    | 60299    | 62392    | 61019    | 1.95   | cps   |
| Lead       | 208-1 | 281978   | 283047   | 292384   | 285803   | 2.00   | cps   |
| Lithium    | 6-1   | 1367375  | 1344312  | 1384197  | 1365295  | 1.47   | cps   |
| Magnesium  | 24-2  | 125692   | 124567   | 124005   | 124755   | 0.69   | cps   |
| Manganese  | 55-2  | 1165370  | 1156101  | 1154956  | 1158809  | 0.49   | cps   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB94089             | Operator :        | Jaswal    |
| Lab Sample ID :         | J1987-18            | Instrumnet Name : | P8        |
| Client Sample ID :      | MJHR85              | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2018-03-22 14:27:28 | DataFile Name :   | 043SMPL.d |

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|------------|-------|----------|----------|----------|----------|--------|-------|
| Molybdenum | 94-1  | 2650     | 2634     | 2792     | 2692     | 3.23   | cps   |
| Molybdenum | 95-1  | 1217     | 1250     | 1292     | 1253     | 3.00   | cps   |
| Molybdenum | 96-1  | 2309     | 2159     | 2150     | 2206     | 4.04   | cps   |
| Molybdenum | 97-1  | 717      | 767      | 692      | 725      | 5.27   | cps   |
| Molybdenum | 98-1  | 1892     | 2009     | 1884     | 1928     | 3.63   | cps   |
| Neodymium  | 150-1 | 45533    | 44275    | 45847    | 45219    | 1.84   | cps   |
| Neodymium  | 150-2 | 5735     | 6092     | 5998     | 5941     | 3.11   | cps   |
| Nickel     | 60-2  | 28149    | 28329    | 28904    | 28460    | 1.39   | cps   |
| Phosphorus | 31-2  | 342      | 483      | 450      | 425      | 17.43  | cps   |
| Potassium  | 39-2  | 21910    | 22811    | 21008    | 21910    | 4.11   | cps   |
| Rhodium    | 103-1 | 6888206  | 6600315  | 6897475  | 6795332  | 2.49   | cps   |
| Rhodium    | 103-2 | 1844992  | 1893233  | 1925857  | 1888027  | 2.15   | cps   |
| Scandium   | 45-1  | 3893549  | 3840534  | 3879460  | 3871181  | 0.71   | cps   |
| Scandium   | 45-2  | 34847    | 35375    | 35107    | 35110    | 0.75   | cps   |
| Selenium   | 77-2  | 33       | 40       | 17       | 30       | 40.05  | cps   |
| Selenium   | 78-2  | 26       | 13       | 15       | 18       | 39.19  | cps   |
| Selenium   | 82-1  | 9        | 35       | 23       | 22       | 59.90  | cps   |
| Silicon    | 28-1  | 3265388  | 3267685  | 3304408  | 3279160  | 0.67   | cps   |
| Silver     | 109-1 | 658      | 717      | 792      | 722      | 9.26   | cps   |
| Silver     | 107-1 | 683      | 833      | 725      | 747      | 10.36  | cps   |
| Sodium     | 23-2  | 14366    | 14500    | 13916    | 14261    | 2.15   | cps   |
| Strontium  | 86-1  | 172469   | 171707   | 174359   | 172845   | 0.79   | cps   |
| Strontium  | 88-1  | 1535362  | 1516162  | 1582835  | 1544786  | 2.22   | cps   |
| Sulfur     | 34-1  | 184361   | 186372   | 189733   | 186822   | 1.45   | cps   |
| Terbium    | 159-1 | 10673506 | 10389987 | 10730751 | 10598081 | 1.72   | cps   |
| Terbium    | 159-2 | 1978062  | 2007939  | 2011413  | 1999138  | 0.92   | cps   |
| Thallium   | 203-1 | 1117     | 1133     | 1050     | 1100     | 4.01   | cps   |
| Thallium   | 205-1 | 2800     | 2467     | 2584     | 2617     | 6.47   | cps   |
| Tin        | 118-1 | 6243     | 5760     | 6177     | 6060     | 4.32   | cps   |
| Titanium   | 47-1  | 47682    | 47482    | 46370    | 47178    | 1.50   | cps   |
| Uranium    | 238-1 | 6235     | 6352     | 6402     | 6330     | 1.35   | cps   |
| Vanadium   | 51-2  | 70426    | 69810    | 68684    | 69640    | 1.27   | cps   |
| Yttrium    | 89-1  | 8178805  | 7862504  | 8038131  | 8026480  | 1.97   | cps   |
| Yttrium    | 89-2  | 257638   | 260639   | 262371   | 260216   | 0.92   | cps   |
| Zinc       | 66-2  | 23520    | 23650    | 23600    | 23590    | 0.28   | cps   |
| Zirconium  | 90-1  | 5326     | 5593     | 5760     | 5560     | 3.93   | cps   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB94089             | Operator :        | Jaswal    |
| Lab Sample ID :         | J1987-18            | Instrumnet Name : | P8        |
| Client Sample ID :      | MJHR85              | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2018-03-22 14:27:28 | DataFile Name :   | 043SMPL.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|-----------|------|------|------|------|---------|--------|-------|
| Zirconium | 91-1 | 1283 | 1283 | 1317 | 1295    | 1.49   | cps   |

|                         |                     |                   |          |
|-------------------------|---------------------|-------------------|----------|
| LB Number :             | LB94089             | Operator :        | Jaswal   |
| Lab Sample ID :         | CCV008              | Instrumnet Name : | P8       |
| Client Sample ID :      | CCV008              | Dilution Factor : | 1        |
| Date & Time Acquired :: | 2018-03-22 14:30:47 | DataFile Name :   | 044CCV.d |

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|------------|-------|----------|----------|----------|----------|--------|-------|
| Aluminium  | 27-2  | 200911   | 202333   | 203750   | 202331   | 0.70   | cps   |
| Antimony   | 121-1 | 3146805  | 3170545  | 3121959  | 3146436  | 0.77   | cps   |
| Arsenic    | 75-2  | 33273    | 33470    | 33418    | 33387    | 0.31   | cps   |
| Barium     | 135-1 | 3420230  | 3459954  | 3382894  | 3421026  | 1.13   | cps   |
| Barium     | 137-1 | 5925210  | 5930055  | 5917023  | 5924096  | 0.11   | cps   |
| Beryllium  | 9-1   | 324720   | 326860   | 326711   | 326097   | 0.37   | cps   |
| Bismuth    | 209-1 | 6780437  | 6783589  | 6718157  | 6760727  | 0.55   | cps   |
| Bismuth    | 209-2 | 1477316  | 1518089  | 1506042  | 1500483  | 1.40   | cps   |
| Boron      | 10-1  | 36698    | 38478    | 39388    | 38188    | 3.58   | cps   |
| Boron      | 11-1  | 177823   | 183004   | 186384   | 182404   | 2.36   | cps   |
| Cadmium    | 111-1 | 624161   | 628638   | 626631   | 626477   | 0.36   | cps   |
| Cadmium    | 106-1 | 66029    | 66473    | 65819    | 66107    | 0.51   | cps   |
| Cadmium    | 108-1 | 44632    | 45251    | 44921    | 44935    | 0.69   | cps   |
| Calcium    | 43-1  | 2854423  | 2860006  | 2861197  | 2858542  | 0.13   | cps   |
| Calcium    | 44-1  | 45969303 | 46219024 | 46196493 | 46128273 | 0.30   | cps   |
| Chromium   | 52-2  | 267668   | 271041   | 271446   | 270052   | 0.77   | cps   |
| Cobalt     | 59-2  | 560392   | 561223   | 565439   | 562351   | 0.48   | cps   |
| Copper     | 63-2  | 932807   | 931284   | 946854   | 936982   | 0.92   | cps   |
| Dysprosium | 156-1 | 125      | 133      | 133      | 131      | 3.68   | cps   |
| Dysprosium | 156-2 | 0        | 20       | 7        | 9        | 114.55 | cps   |
| Erbium     | 164-1 | 58       | 58       | 75       | 64       | 15.05  | cps   |
| Erbium     | 164-2 | 3        | 10       | 17       | 10       | 66.70  | cps   |
| Gadolinium | 160-1 | 75       | 75       | 108      | 86       | 22.35  | cps   |
| Gadolinium | 160-2 | 37       | 7        | 27       | 23       | 65.46  | cps   |
| Holmium    | 165-1 | 10215643 | 10137804 | 10207983 | 10187143 | 0.42   | cps   |
| Holmium    | 165-2 | 1942530  | 2039363  | 2017570  | 1999821  | 2.54   | cps   |
| Indium     | 115-1 | 7108927  | 7072404  | 7240142  | 7140491  | 1.24   | cps   |
| Indium     | 115-2 | 297224   | 305480   | 306388   | 303031   | 1.67   | cps   |
| Iron       | 56-2  | 43848391 | 44047223 | 43948737 | 43948117 | 0.23   | cps   |
| Iron       | 57-2  | 1089362  | 1096617  | 1105609  | 1097196  | 0.74   | cps   |
| Lead       | 206-1 | 2353135  | 2321158  | 2315148  | 2329814  | 0.88   | cps   |
| Lead       | 207-1 | 2151760  | 2123921  | 2109441  | 2128374  | 1.01   | cps   |
| Lead       | 208-1 | 9558596  | 9522518  | 9415933  | 9499016  | 0.78   | cps   |
| Lithium    | 6-1   | 1242832  | 1242744  | 1276546  | 1254041  | 1.55   | cps   |
| Magnesium  | 24-2  | 4786409  | 4785505  | 4799235  | 4790383  | 0.16   | cps   |
| Manganese  | 55-2  | 151640   | 151215   | 152026   | 151627   | 0.27   | cps   |

|                         |                     |                   |          |
|-------------------------|---------------------|-------------------|----------|
| LB Number :             | LB94089             | Operator :        | Jaswal   |
| Lab Sample ID :         | CCV008              | Instrumnet Name : | P8       |
| Client Sample ID :      | CCV008              | Dilution Factor : | 1        |
| Date & Time Acquired :: | 2018-03-22 14:30:47 | DataFile Name :   | 044CCV.d |

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|------------|-------|----------|----------|----------|----------|--------|-------|
| Molybdenum | 94-1  | 5050270  | 5150916  | 5092507  | 5097898  | 0.99   | cps   |
| Molybdenum | 95-1  | 6216794  | 6334231  | 6278468  | 6276497  | 0.94   | cps   |
| Molybdenum | 96-1  | 6964602  | 6945996  | 7025786  | 6978794  | 0.60   | cps   |
| Molybdenum | 97-1  | 3915693  | 3962001  | 3927955  | 3935216  | 0.61   | cps   |
| Molybdenum | 98-1  | 9971076  | 10048671 | 10149092 | 10056280 | 0.89   | cps   |
| Neodymium  | 150-1 | 320      | 200      | 280      | 267      | 22.91  | cps   |
| Neodymium  | 150-2 | 10       | 23       | 20       | 18       | 39.03  | cps   |
| Nickel     | 60-2  | 162930   | 164272   | 164144   | 163782   | 0.45   | cps   |
| Phosphorus | 31-2  | 2892     | 2625     | 2959     | 2825     | 6.24   | cps   |
| Potassium  | 39-2  | 1316843  | 1332334  | 1348105  | 1332427  | 1.17   | cps   |
| Rhodium    | 103-1 | 6264502  | 6314834  | 6358645  | 6312661  | 0.75   | cps   |
| Rhodium    | 103-2 | 1707446  | 1752979  | 1738574  | 1733000  | 1.34   | cps   |
| Scandium   | 45-1  | 3611225  | 3517310  | 3619739  | 3582758  | 1.59   | cps   |
| Scandium   | 45-2  | 30857    | 32765    | 32421    | 32015    | 3.18   | cps   |
| Selenium   | 77-2  | 210      | 230      | 220      | 220      | 4.55   | cps   |
| Selenium   | 78-2  | 743      | 748      | 757      | 749      | 1.00   | cps   |
| Selenium   | 82-1  | 37149    | 37771    | 37334    | 37418    | 0.85   | cps   |
| Silicon    | 28-1  | 1268588  | 1275607  | 1299149  | 1281114  | 1.25   | cps   |
| Silver     | 109-1 | 2985700  | 2972681  | 2988906  | 2982429  | 0.29   | cps   |
| Silver     | 107-1 | 3060026  | 3100811  | 3053630  | 3071489  | 0.83   | cps   |
| Sodium     | 23-2  | 11395170 | 11444132 | 11588539 | 11475947 | 0.88   | cps   |
| Strontium  | 86-1  | 800220   | 808417   | 799098   | 802578   | 0.63   | cps   |
| Strontium  | 88-1  | 7010966  | 6993420  | 7080615  | 7028334  | 0.66   | cps   |
| Sulfur     | 34-1  | 428191   | 428506   | 426240   | 427646   | 0.29   | cps   |
| Terbium    | 159-1 | 10556983 | 10519521 | 10571686 | 10549397 | 0.25   | cps   |
| Terbium    | 159-2 | 1898047  | 1951673  | 1915182  | 1921634  | 1.43   | cps   |
| Thallium   | 203-1 | 2883509  | 2842679  | 2855288  | 2860492  | 0.73   | cps   |
| Thallium   | 205-1 | 6736798  | 6712757  | 6676422  | 6708659  | 0.45   | cps   |
| Tin        | 118-1 | 2196789  | 2165574  | 2177243  | 2179869  | 0.72   | cps   |
| Titanium   | 47-1  | 1433813  | 1410243  | 1428583  | 1424213  | 0.87   | cps   |
| Uranium    | 238-1 | 9697166  | 9695010  | 9549158  | 9647111  | 0.88   | cps   |
| Vanadium   | 51-2  | 198958   | 201298   | 202196   | 200817   | 0.83   | cps   |
| Yttrium    | 89-1  | 7416840  | 7270306  | 7383969  | 7357038  | 1.05   | cps   |
| Yttrium    | 89-2  | 228595   | 234089   | 233431   | 232038   | 1.29   | cps   |
| Zinc       | 66-2  | 89849    | 88902    | 89761    | 89504    | 0.58   | cps   |
| Zirconium  | 90-1  | 4285106  | 4283550  | 4310886  | 4293180  | 0.36   | cps   |



|                         |                     |                   |          |
|-------------------------|---------------------|-------------------|----------|
| LB Number :             | LB94089             | Operator :        | Jaswal   |
| Lab Sample ID :         | CCV008              | Instrumnet Name : | P8       |
| Client Sample ID :      | CCV008              | Dilution Factor : | 1        |
| Date & Time Acquired :: | 2018-03-22 14:30:47 | DataFile Name :   | 044CCV.d |

| Parameter | Mass | CPS1   | CPS2   | CPS3   | CPSMean | CPSRSD | Units |
|-----------|------|--------|--------|--------|---------|--------|-------|
| Zirconium | 91-1 | 936032 | 940875 | 940013 | 938973  | 0.28   | cps   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB94089             | Operator :        | Jaswal    |
| Lab Sample ID :         | CCB008              | Instrumnet Name : | P8        |
| Client Sample ID :      | CCB008              | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2018-03-22 14:36:13 | DataFile Name :   | 045CCBE.d |

| Parameter  | Mass  | CPS1     | CPS2    | CPS3     | CPSMean | CPSRSD | Units |
|------------|-------|----------|---------|----------|---------|--------|-------|
| Aluminium  | 27-2  | 25       | 0       | 17       | 14      | 91.65  | cps   |
| Antimony   | 121-1 | 4426     | 4659    | 5426     | 4837    | 10.82  | cps   |
| Arsenic    | 75-2  | 15       | 19      | 17       | 17      | 11.13  | cps   |
| Barium     | 135-1 | 58       | 75      | 33       | 56      | 37.76  | cps   |
| Barium     | 137-1 | 175      | 117     | 175      | 156     | 21.65  | cps   |
| Beryllium  | 9-1   | 194      | 167     | 161      | 174     | 10.26  | cps   |
| Bismuth    | 209-1 | 6976916  | 6789010 | 6962298  | 6909408 | 1.51   | cps   |
| Bismuth    | 209-2 | 1669389  | 1604892 | 1649060  | 1641114 | 2.01   | cps   |
| Boron      | 10-1  | 608      | 492     | 683      | 594     | 16.25  | cps   |
| Boron      | 11-1  | 2675     | 3075    | 2692     | 2814    | 8.04   | cps   |
| Cadmium    | 111-1 | 858      | 876     | 941      | 892     | 4.89   | cps   |
| Cadmium    | 106-1 | 1167     | 1133    | 1317     | 1206    | 8.10   | cps   |
| Cadmium    | 108-1 | 13       | 13      | 8        | 11      | 21.67  | cps   |
| Calcium    | 43-1  | 483      | 492     | 492      | 489     | 0.98   | cps   |
| Calcium    | 44-1  | 9012     | 8728    | 8937     | 8892    | 1.65   | cps   |
| Chromium   | 52-2  | 127      | 120     | 117      | 121     | 4.20   | cps   |
| Cobalt     | 59-2  | 53       | 40      | 33       | 42      | 24.12  | cps   |
| Copper     | 63-2  | 160      | 157     | 160      | 159     | 1.21   | cps   |
| Dysprosium | 156-1 | 17       | 17      | 0        | 11      | 86.60  | cps   |
| Dysprosium | 156-2 | 0        | 7       | 3        | 3       | 100.05 | cps   |
| Erbium     | 164-1 | 42       | 42      | 33       | 39      | 12.38  | cps   |
| Erbium     | 164-2 | 10       | 3       | 0        | 4       | 114.60 | cps   |
| Gadolinium | 160-1 | 42       | 58      | 67       | 56      | 22.91  | cps   |
| Gadolinium | 160-2 | 3        | 3       | 0        | 2       | 86.60  | cps   |
| Holmium    | 165-1 | 10054147 | 9696760 | 10104300 | 9951736 | 2.23   | cps   |
| Holmium    | 165-2 | 2031265  | 2013401 | 2039173  | 2027946 | 0.65   | cps   |
| Indium     | 115-1 | 7341525  | 7212305 | 7429004  | 7327612 | 1.49   | cps   |
| Indium     | 115-2 | 322989   | 322743  | 326521   | 324085  | 0.65   | cps   |
| Iron       | 56-2  | 3178     | 3123    | 3384     | 3228    | 4.26   | cps   |
| Iron       | 57-2  | 94       | 78      | 56       | 76      | 25.70  | cps   |
| Lead       | 206-1 | 439      | 444     | 428      | 437     | 1.94   | cps   |
| Lead       | 207-1 | 494      | 394     | 389      | 426     | 13.95  | cps   |
| Lead       | 208-1 | 1989     | 1895    | 1783     | 1889    | 5.45   | cps   |
| Lithium    | 6-1   | 1324154  | 1292148 | 1328617  | 1314973 | 1.51   | cps   |
| Magnesium  | 24-2  | 208      | 208     | 258      | 225     | 12.83  | cps   |
| Manganese  | 55-2  | 37       | 33      | 50       | 40      | 22.05  | cps   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB94089             | Operator :        | Jaswal    |
| Lab Sample ID :         | CCB008              | Instrumnet Name : | P8        |
| Client Sample ID :      | CCB008              | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2018-03-22 14:36:13 | DataFile Name :   | 045CCBE.d |

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|------------|-------|----------|----------|----------|----------|--------|-------|
| Molybdenum | 94-1  | 1250     | 1458     | 1717     | 1475     | 15.85  | cps   |
| Molybdenum | 95-1  | 1617     | 2075     | 2609     | 2100     | 23.64  | cps   |
| Molybdenum | 96-1  | 1717     | 2175     | 2434     | 2109     | 17.22  | cps   |
| Molybdenum | 97-1  | 850      | 1358     | 1483     | 1231     | 27.26  | cps   |
| Molybdenum | 98-1  | 2434     | 3292     | 4051     | 3259     | 24.83  | cps   |
| Neodymium  | 150-1 | 0        | 7        | 7        | 4        | 86.60  | cps   |
| Neodymium  | 150-2 | 0        | 0        | 0        | 0        | 0.00   | cps   |
| Nickel     | 60-2  | 283      | 303      | 280      | 289      | 4.37   | cps   |
| Phosphorus | 31-2  | 8        | 0        | 0        | 3        | 173.21 | cps   |
| Potassium  | 39-2  | 1992     | 2075     | 1992     | 2020     | 2.38   | cps   |
| Rhodium    | 103-1 | 6719445  | 6476534  | 6779484  | 6658488  | 2.41   | cps   |
| Rhodium    | 103-2 | 1870588  | 1865909  | 1899990  | 1878829  | 0.98   | cps   |
| Scandium   | 45-1  | 3705753  | 3593634  | 3774797  | 3691395  | 2.48   | cps   |
| Scandium   | 45-2  | 33864    | 33828    | 33737    | 33810    | 0.19   | cps   |
| Selenium   | 77-2  | 3        | 0        | 0        | 1        | 173.21 | cps   |
| Selenium   | 78-2  | 0        | 2        | 4        | 2        | 100.00 | cps   |
| Selenium   | 82-1  | 3        | 35       | -27      | 4        | 853.47 | cps   |
| Silicon    | 28-1  | 244020   | 243357   | 243215   | 243530   | 0.18   | cps   |
| Silver     | 109-1 | 267      | 267      | 292      | 275      | 5.25   | cps   |
| Silver     | 107-1 | 267      | 217      | 375      | 286      | 28.29  | cps   |
| Sodium     | 23-2  | 4743     | 4609     | 5051     | 4801     | 4.72   | cps   |
| Strontium  | 86-1  | 433      | 358      | 367      | 386      | 10.65  | cps   |
| Strontium  | 88-1  | 175      | 108      | 150      | 144      | 23.32  | cps   |
| Sulfur     | 34-1  | 247692   | 245291   | 249994   | 247659   | 0.95   | cps   |
| Terbium    | 159-1 | 10343680 | 10046640 | 10456503 | 10282274 | 2.06   | cps   |
| Terbium    | 159-2 | 1962489  | 1934854  | 1966695  | 1954679  | 0.88   | cps   |
| Thallium   | 203-1 | 642      | 558      | 500      | 567      | 12.56  | cps   |
| Thallium   | 205-1 | 1483     | 1450     | 1233     | 1389     | 9.77   | cps   |
| Tin        | 118-1 | 1742     | 1800     | 1809     | 1784     | 2.04   | cps   |
| Titanium   | 47-1  | 125      | 167      | 108      | 133      | 22.53  | cps   |
| Uranium    | 238-1 | 242      | 283      | 200      | 242      | 17.24  | cps   |
| Vanadium   | 51-2  | 3        | 3        | 0        | 2        | 86.60  | cps   |
| Yttrium    | 89-1  | 7494213  | 7071503  | 7470117  | 7345278  | 3.23   | cps   |
| Yttrium    | 89-2  | 240463   | 236341   | 240966   | 239257   | 1.06   | cps   |
| Zinc       | 66-2  | 13       | 27       | 37       | 26       | 45.82  | cps   |
| Zirconium  | 90-1  | 658      | 700      | 658      | 672      | 3.58   | cps   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB94089             | Operator :        | Jaswal    |
| Lab Sample ID :         | CCB008              | Instrumnet Name : | P8        |
| Client Sample ID :      | CCB008              | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2018-03-22 14:36:13 | DataFile Name :   | 045CCBE.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|-----------|------|------|------|------|---------|--------|-------|
| Zirconium | 91-1 | 183  | 158  | 192  | 178     | 9.76   | cps   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB94089             | Operator :        | Jaswal    |
| Lab Sample ID :         | J1988-01            | Instrumnet Name : | P8        |
| Client Sample ID :      | MJHR86              | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2018-03-22 14:39:34 | DataFile Name :   | 046SMPL.d |

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|------------|-------|----------|----------|----------|----------|--------|-------|
| Aluminium  | 27-2  | 187261   | 188031   | 185404   | 186899   | 0.72   | cps   |
| Antimony   | 121-1 | 99056    | 99611    | 99671    | 99446    | 0.34   | cps   |
| Arsenic    | 75-2  | 13264    | 13134    | 13175    | 13191    | 0.50   | cps   |
| Barium     | 135-1 | 254577   | 251740   | 253320   | 253213   | 0.56   | cps   |
| Barium     | 137-1 | 444029   | 446521   | 443338   | 444629   | 0.38   | cps   |
| Beryllium  | 9-1   | 828      | 883      | 933      | 882      | 5.99   | cps   |
| Bismuth    | 209-1 | 7033378  | 7109402  | 6988074  | 7043618  | 0.87   | cps   |
| Bismuth    | 209-2 | 1676619  | 1592122  | 1627829  | 1632190  | 2.60   | cps   |
| Boron      | 10-1  | 883      | 675      | 883      | 814      | 14.78  | cps   |
| Boron      | 11-1  | 3584     | 3567     | 3467     | 3539     | 1.78   | cps   |
| Cadmium    | 111-1 | 1871     | 1777     | 1713     | 1787     | 4.43   | cps   |
| Cadmium    | 106-1 | 1559     | 1450     | 1450     | 1486     | 4.21   | cps   |
| Cadmium    | 108-1 | 100      | 96       | 92       | 96       | 4.35   | cps   |
| Calcium    | 43-1  | 81596    | 82717    | 82961    | 82425    | 0.88   | cps   |
| Calcium    | 44-1  | 1369552  | 1367967  | 1342554  | 1360024  | 1.11   | cps   |
| Chromium   | 52-2  | 35970    | 35853    | 36331    | 36051    | 0.69   | cps   |
| Cobalt     | 59-2  | 99468    | 100764   | 100151   | 100128   | 0.65   | cps   |
| Copper     | 63-2  | 218811   | 217978   | 218360   | 218383   | 0.19   | cps   |
| Dysprosium | 156-1 | 30963    | 29818    | 30069    | 30283    | 1.99   | cps   |
| Dysprosium | 156-2 | 6462     | 6875     | 6882     | 6740     | 3.57   | cps   |
| Erbium     | 164-1 | 27004    | 27063    | 26653    | 26907    | 0.82   | cps   |
| Erbium     | 164-2 | 4814     | 4904     | 4984     | 4901     | 1.74   | cps   |
| Gadolinium | 160-1 | 30696    | 31255    | 31046    | 30999    | 0.91   | cps   |
| Gadolinium | 160-2 | 8219     | 8473     | 8179     | 8291     | 1.92   | cps   |
| Holmium    | 165-1 | 10067497 | 10386944 | 10314397 | 10256279 | 1.63   | cps   |
| Holmium    | 165-2 | 2069700  | 2038772  | 2012182  | 2040218  | 1.41   | cps   |
| Indium     | 115-1 | 7484470  | 7747668  | 7562200  | 7598113  | 1.78   | cps   |
| Indium     | 115-2 | 330930   | 328976   | 327309   | 329072   | 0.55   | cps   |
| Iron       | 56-2  | 28529219 | 28225117 | 28239242 | 28331192 | 0.61   | cps   |
| Iron       | 57-2  | 702896   | 701154   | 707967   | 704006   | 0.50   | cps   |
| Lead       | 206-1 | 169483   | 172917   | 172539   | 171646   | 1.10   | cps   |
| Lead       | 207-1 | 144261   | 145811   | 144862   | 144978   | 0.54   | cps   |
| Lead       | 208-1 | 673028   | 675796   | 674290   | 674372   | 0.21   | cps   |
| Lithium    | 6-1   | 1344912  | 1394947  | 1362758  | 1367539  | 1.85   | cps   |
| Magnesium  | 24-2  | 72443    | 72133    | 72276    | 72284    | 0.21   | cps   |
| Manganese  | 55-2  | 794937   | 791343   | 798738   | 795006   | 0.47   | cps   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB94089             | Operator :        | Jaswal    |
| Lab Sample ID :         | J1988-01            | Instrumnet Name : | P8        |
| Client Sample ID :      | MJHR86              | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2018-03-22 14:39:34 | DataFile Name :   | 046SMPL.d |

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|------------|-------|----------|----------|----------|----------|--------|-------|
| Molybdenum | 94-1  | 4818     | 4201     | 4568     | 4529     | 6.85   | cps   |
| Molybdenum | 95-1  | 2175     | 2359     | 2584     | 2373     | 8.62   | cps   |
| Molybdenum | 96-1  | 3409     | 3442     | 3434     | 3428     | 0.51   | cps   |
| Molybdenum | 97-1  | 1117     | 1467     | 1508     | 1364     | 15.77  | cps   |
| Molybdenum | 98-1  | 3025     | 3542     | 3926     | 3498     | 12.92  | cps   |
| Neodymium  | 150-1 | 37428    | 37100    | 37240    | 37256    | 0.44   | cps   |
| Neodymium  | 150-2 | 4948     | 4674     | 4834     | 4819     | 2.85   | cps   |
| Nickel     | 60-2  | 24505    | 24782    | 24559    | 24615    | 0.60   | cps   |
| Phosphorus | 31-2  | 683      | 492      | 567      | 581      | 16.64  | cps   |
| Potassium  | 39-2  | 15543    | 15810    | 15634    | 15662    | 0.87   | cps   |
| Rhodium    | 103-1 | 6848842  | 6899673  | 6896987  | 6881834  | 0.42   | cps   |
| Rhodium    | 103-2 | 1918383  | 1899765  | 1887187  | 1901778  | 0.83   | cps   |
| Scandium   | 45-1  | 3867277  | 3958975  | 3949974  | 3925408  | 1.29   | cps   |
| Scandium   | 45-2  | 35241    | 35101    | 35468    | 35270    | 0.53   | cps   |
| Selenium   | 77-2  | 23       | 23       | 10       | 19       | 40.75  | cps   |
| Selenium   | 78-2  | 11       | 11       | 17       | 13       | 24.76  | cps   |
| Selenium   | 82-1  | 26       | 66       | 67       | 53       | 43.79  | cps   |
| Silicon    | 28-1  | 4334748  | 4308030  | 4328117  | 4323632  | 0.32   | cps   |
| Silver     | 109-1 | 942      | 1250     | 1000     | 1064     | 15.40  | cps   |
| Silver     | 107-1 | 1058     | 1050     | 1133     | 1081     | 4.25   | cps   |
| Sodium     | 23-2  | 14274    | 13982    | 14099    | 14119    | 1.04   | cps   |
| Strontium  | 86-1  | 159023   | 156705   | 157742   | 157824   | 0.74   | cps   |
| Strontium  | 88-1  | 1372128  | 1400341  | 1369998  | 1380822  | 1.23   | cps   |
| Sulfur     | 34-1  | 239251   | 235368   | 234827   | 236482   | 1.02   | cps   |
| Terbium    | 159-1 | 10573057 | 10880696 | 10594998 | 10682917 | 1.61   | cps   |
| Terbium    | 159-2 | 2007088  | 1987326  | 2008442  | 2000952  | 0.59   | cps   |
| Thallium   | 203-1 | 4109     | 4093     | 3942     | 4048     | 2.27   | cps   |
| Thallium   | 205-1 | 10338    | 10013    | 9879     | 10077    | 2.34   | cps   |
| Tin        | 118-1 | 20800    | 21919    | 22236    | 21652    | 3.48   | cps   |
| Titanium   | 47-1  | 44455    | 43168    | 43117    | 43580    | 1.74   | cps   |
| Uranium    | 238-1 | 5843     | 5293     | 5502     | 5546     | 5.01   | cps   |
| Vanadium   | 51-2  | 61173    | 61595    | 62010    | 61592    | 0.68   | cps   |
| Yttrium    | 89-1  | 7947393  | 8100512  | 7930492  | 7992799  | 1.17   | cps   |
| Yttrium    | 89-2  | 258750   | 256760   | 255631   | 257047   | 0.61   | cps   |
| Zinc       | 66-2  | 25173    | 25824    | 25828    | 25608    | 1.47   | cps   |
| Zirconium  | 90-1  | 9429     | 8995     | 9128     | 9184     | 2.42   | cps   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB94089             | Operator :        | Jaswal    |
| Lab Sample ID :         | J1988-01            | Instrumnet Name : | P8        |
| Client Sample ID :      | MJHR86              | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2018-03-22 14:39:34 | DataFile Name :   | 046SMPL.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|-----------|------|------|------|------|---------|--------|-------|
| Zirconium | 91-1 | 2017 | 2175 | 2034 | 2075    | 4.19   | cps   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB94089             | Operator :        | Jaswal    |
| Lab Sample ID :         | J1988-02            | Instrumnet Name : | P8        |
| Client Sample ID :      | MJHR87              | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2018-03-22 14:42:53 | DataFile Name :   | 047SMPL.d |

| Parameter  | Mass  | CPS1      | CPS2      | CPS3      | CPSMean   | CPSRSD | Units |
|------------|-------|-----------|-----------|-----------|-----------|--------|-------|
| Aluminium  | 27-2  | 114367    | 114148    | 110368    | 112961    | 1.99   | cps   |
| Antimony   | 121-1 | 118380    | 117068    | 118724    | 118057    | 0.74   | cps   |
| Arsenic    | 75-2  | 8290      | 8632      | 8425      | 8449      | 2.04   | cps   |
| Barium     | 135-1 | 150571    | 149924    | 149367    | 149954    | 0.40   | cps   |
| Barium     | 137-1 | 257765    | 257793    | 260662    | 258740    | 0.64   | cps   |
| Beryllium  | 9-1   | 544       | 594       | 650       | 596       | 8.85   | cps   |
| Bismuth    | 209-1 | 6657498   | 6848613   | 6802618   | 6769576   | 1.47   | cps   |
| Bismuth    | 209-2 | 1593870   | 1568208   | 1553202   | 1571760   | 1.31   | cps   |
| Boron      | 10-1  | 675       | 592       | 558       | 608       | 9.88   | cps   |
| Boron      | 11-1  | 2617      | 2550      | 2592      | 2586      | 1.30   | cps   |
| Cadmium    | 111-1 | 1267      | 1126      | 1216      | 1203      | 5.95   | cps   |
| Cadmium    | 106-1 | 1417      | 1175      | 1417      | 1336      | 10.44  | cps   |
| Cadmium    | 108-1 | 71        | 67        | 54        | 64        | 13.58  | cps   |
| Calcium    | 43-1  | 63905     | 61719     | 64348     | 63324     | 2.22   | cps   |
| Calcium    | 44-1  | 1039088   | 1041388   | 1042660   | 1041045   | 0.17   | cps   |
| Chromium   | 52-2  | 37534     | 37490     | 37076     | 37367     | 0.68   | cps   |
| Cobalt     | 59-2  | 52853     | 53332     | 52662     | 52949     | 0.65   | cps   |
| Copper     | 63-2  | 171720    | 172144    | 170073    | 171312    | 0.64   | cps   |
| Dysprosium | 156-1 | 12323     | 11155     | 11364     | 11614     | 5.36   | cps   |
| Dysprosium | 156-2 | 2647      | 2607      | 2684      | 2646      | 1.45   | cps   |
| Erbium     | 164-1 | 10038     | 10471     | 10663     | 10391     | 3.08   | cps   |
| Erbium     | 164-2 | 1914      | 1970      | 1750      | 1878      | 6.08   | cps   |
| Gadolinium | 160-1 | 11681     | 11656     | 11572     | 11636     | 0.49   | cps   |
| Gadolinium | 160-2 | 3144      | 3080      | 3087      | 3104      | 1.12   | cps   |
| Holmium    | 165-1 | 10076647  | 10320472  | 10095333  | 10164151  | 1.34   | cps   |
| Holmium    | 165-2 | 2040833   | 1988298   | 2009575   | 2012902   | 1.31   | cps   |
| Indium     | 115-1 | 7397627   | 7594098   | 7313756   | 7435161   | 1.94   | cps   |
| Indium     | 115-2 | 329383    | 318101    | 321228    | 322904    | 1.80   | cps   |
| Iron       | 56-2  | 148794548 | 147655109 | 146454020 | 147634559 | 0.79   | cps   |
| Iron       | 57-2  | 3706576   | 3702291   | 3662398   | 3690422   | 0.66   | cps   |
| Lead       | 206-1 | 239077    | 238512    | 240639    | 239410    | 0.46   | cps   |
| Lead       | 207-1 | 214298    | 207572    | 212206    | 211359    | 1.63   | cps   |
| Lead       | 208-1 | 968259    | 960243    | 971383    | 966628    | 0.59   | cps   |
| Lithium    | 6-1   | 1310689   | 1350777   | 1355718   | 1339062   | 1.84   | cps   |
| Magnesium  | 24-2  | 78911     | 78575     | 77814     | 78433     | 0.72   | cps   |
| Manganese  | 55-2  | 477673    | 478725    | 473103    | 476500    | 0.63   | cps   |



|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB94089             | Operator :        | Jaswal    |
| Lab Sample ID :         | J1988-02            | Instrumnet Name : | P8        |
| Client Sample ID :      | MJHR87              | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2018-03-22 14:42:53 | DataFile Name :   | 047SMPL.d |

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|------------|-------|----------|----------|----------|----------|--------|-------|
| Molybdenum | 94-1  | 5210     | 4901     | 5193     | 5101     | 3.40   | cps   |
| Molybdenum | 95-1  | 5201     | 5685     | 5335     | 5407     | 4.62   | cps   |
| Molybdenum | 96-1  | 9178     | 8978     | 9429     | 9195     | 2.45   | cps   |
| Molybdenum | 97-1  | 3809     | 3467     | 3717     | 3665     | 4.83   | cps   |
| Molybdenum | 98-1  | 9412     | 8837     | 8828     | 9026     | 3.71   | cps   |
| Neodymium  | 150-1 | 15016    | 14669    | 15356    | 15014    | 2.29   | cps   |
| Neodymium  | 150-2 | 1970     | 1940     | 1860     | 1924     | 2.96   | cps   |
| Nickel     | 60-2  | 14928    | 15269    | 15095    | 15097    | 1.13   | cps   |
| Phosphorus | 31-2  | 342      | 450      | 408      | 400      | 13.66  | cps   |
| Potassium  | 39-2  | 11213    | 11831    | 10813    | 11286    | 4.54   | cps   |
| Rhodium    | 103-1 | 6691843  | 6785080  | 6732225  | 6736382  | 0.69   | cps   |
| Rhodium    | 103-2 | 1881922  | 1828347  | 1872614  | 1860961  | 1.54   | cps   |
| Scandium   | 45-1  | 3895724  | 3947808  | 3895312  | 3912948  | 0.77   | cps   |
| Scandium   | 45-2  | 35946    | 35174    | 34626    | 35249    | 1.88   | cps   |
| Selenium   | 77-2  | 10       | 13       | 10       | 11       | 17.30  | cps   |
| Selenium   | 78-2  | 11       | 7        | 7        | 9        | 24.71  | cps   |
| Selenium   | 82-1  | -7       | 76       | 33       | 34       | 121.95 | cps   |
| Silicon    | 28-1  | 4427211  | 4385405  | 4361283  | 4391300  | 0.76   | cps   |
| Silver     | 109-1 | 1400     | 1375     | 1192     | 1322     | 8.60   | cps   |
| Silver     | 107-1 | 1367     | 1142     | 1158     | 1222     | 10.26  | cps   |
| Sodium     | 23-2  | 10696    | 10763    | 10613    | 10691    | 0.70   | cps   |
| Strontium  | 86-1  | 139599   | 135927   | 137090   | 137539   | 1.36   | cps   |
| Strontium  | 88-1  | 1191165  | 1180482  | 1180607  | 1184084  | 0.52   | cps   |
| Sulfur     | 34-1  | 227698   | 225167   | 222820   | 225228   | 1.08   | cps   |
| Terbium    | 159-1 | 10377220 | 10577458 | 10398513 | 10451064 | 1.05   | cps   |
| Terbium    | 159-2 | 1964903  | 1921747  | 1945027  | 1943892  | 1.11   | cps   |
| Thallium   | 203-1 | 1417     | 1550     | 1458     | 1475     | 4.62   | cps   |
| Thallium   | 205-1 | 3642     | 3567     | 3559     | 3590     | 1.28   | cps   |
| Tin        | 118-1 | 49275    | 48028    | 49417    | 48907    | 1.56   | cps   |
| Titanium   | 47-1  | 46729    | 47507    | 45918    | 46718    | 1.70   | cps   |
| Uranium    | 238-1 | 2617     | 2634     | 2550     | 2600     | 1.70   | cps   |
| Vanadium   | 51-2  | 42127    | 41522    | 40876    | 41508    | 1.51   | cps   |
| Yttrium    | 89-1  | 7631478  | 7849119  | 7657560  | 7712719  | 1.54   | cps   |
| Yttrium    | 89-2  | 250465   | 239941   | 246642   | 245683   | 2.17   | cps   |
| Zinc       | 66-2  | 10831    | 10841    | 10741    | 10804    | 0.51   | cps   |
| Zirconium  | 90-1  | 4818     | 4659     | 4610     | 4696     | 2.32   | cps   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB94089             | Operator :        | Jaswal    |
| Lab Sample ID :         | J1988-02            | Instrumnet Name : | P8        |
| Client Sample ID :      | MJHR87              | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2018-03-22 14:42:53 | DataFile Name :   | 047SMPL.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|-----------|------|------|------|------|---------|--------|-------|
| Zirconium | 91-1 | 892  | 975  | 1125 | 997     | 11.86  | cps   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB94089             | Operator :        | Jaswal    |
| Lab Sample ID :         | J1988-03            | Instrumnet Name : | P8        |
| Client Sample ID :      | MJHR88              | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2018-03-22 14:46:14 | DataFile Name :   | 048SMPL.d |

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|------------|-------|----------|----------|----------|----------|--------|-------|
| Aluminium  | 27-2  | 190192   | 191332   | 190655   | 190726   | 0.30   | cps   |
| Antimony   | 121-1 | 89214    | 86681    | 89197    | 88364    | 1.65   | cps   |
| Arsenic    | 75-2  | 10367    | 10841    | 10297    | 10502    | 2.82   | cps   |
| Barium     | 135-1 | 254943   | 254704   | 255505   | 255051   | 0.16   | cps   |
| Barium     | 137-1 | 446795   | 446539   | 447940   | 447091   | 0.17   | cps   |
| Beryllium  | 9-1   | 833      | 895      | 811      | 846      | 5.10   | cps   |
| Bismuth    | 209-1 | 6725959  | 6947885  | 6886410  | 6853418  | 1.67   | cps   |
| Bismuth    | 209-2 | 1634722  | 1353305  | 1589258  | 1525762  | 9.90   | cps   |
| Boron      | 10-1  | 400      | 550      | 500      | 483      | 15.80  | cps   |
| Boron      | 11-1  | 2359     | 2550     | 2484     | 2464     | 3.95   | cps   |
| Cadmium    | 111-1 | 1771     | 1575     | 1635     | 1660     | 6.05   | cps   |
| Cadmium    | 106-1 | 1500     | 1267     | 1475     | 1414     | 9.06   | cps   |
| Cadmium    | 108-1 | 83       | 100      | 63       | 82       | 22.93  | cps   |
| Calcium    | 43-1  | 72948    | 72052    | 71917    | 72306    | 0.77   | cps   |
| Calcium    | 44-1  | 1214673  | 1195418  | 1209325  | 1206472  | 0.82   | cps   |
| Chromium   | 52-2  | 41966    | 43183    | 42347    | 42499    | 1.46   | cps   |
| Cobalt     | 59-2  | 70913    | 72655    | 71107    | 71558    | 1.33   | cps   |
| Copper     | 63-2  | 170936   | 172806   | 172131   | 171958   | 0.55   | cps   |
| Dysprosium | 156-1 | 26252    | 25167    | 25709    | 25709    | 2.11   | cps   |
| Dysprosium | 156-2 | 5838     | 5601     | 5605     | 5681     | 2.39   | cps   |
| Erbium     | 164-1 | 21652    | 21644    | 22696    | 21997    | 2.75   | cps   |
| Erbium     | 164-2 | 4087     | 4261     | 4107     | 4152     | 2.28   | cps   |
| Gadolinium | 160-1 | 26904    | 26653    | 26211    | 26589    | 1.32   | cps   |
| Gadolinium | 160-2 | 6932     | 7062     | 6849     | 6948     | 1.55   | cps   |
| Holmium    | 165-1 | 10054029 | 10251740 | 9999129  | 10101633 | 1.32   | cps   |
| Holmium    | 165-2 | 2051061  | 1753656  | 1979922  | 1928213  | 8.05   | cps   |
| Indium     | 115-1 | 7463954  | 7531594  | 7361584  | 7452377  | 1.15   | cps   |
| Indium     | 115-2 | 325537   | 278559   | 316057   | 306717   | 8.10   | cps   |
| Iron       | 56-2  | 24387810 | 24650589 | 24251518 | 24429972 | 0.83   | cps   |
| Iron       | 57-2  | 605546   | 609735   | 602269   | 605850   | 0.62   | cps   |
| Lead       | 206-1 | 285426   | 284195   | 287385   | 285669   | 0.56   | cps   |
| Lead       | 207-1 | 237820   | 240080   | 240312   | 239404   | 0.58   | cps   |
| Lead       | 208-1 | 1113980  | 1109661  | 1121506  | 1115049  | 0.54   | cps   |
| Lithium    | 6-1   | 1344344  | 1369031  | 1363212  | 1358862  | 0.95   | cps   |
| Magnesium  | 24-2  | 119701   | 117803   | 117272   | 118259   | 1.08   | cps   |
| Manganese  | 55-2  | 526314   | 530196   | 522052   | 526187   | 0.77   | cps   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB94089             | Operator :        | Jaswal    |
| Lab Sample ID :         | J1988-03            | Instrumnet Name : | P8        |
| Client Sample ID :      | MJHR88              | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2018-03-22 14:46:14 | DataFile Name :   | 048SMPL.d |

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|------------|-------|----------|----------|----------|----------|--------|-------|
| Molybdenum | 94-1  | 4885     | 4568     | 4893     | 4782     | 3.88   | cps   |
| Molybdenum | 95-1  | 1975     | 1942     | 2192     | 2036     | 6.67   | cps   |
| Molybdenum | 96-1  | 2934     | 3076     | 3326     | 3112     | 6.38   | cps   |
| Molybdenum | 97-1  | 1158     | 1500     | 1150     | 1270     | 15.73  | cps   |
| Molybdenum | 98-1  | 3109     | 3150     | 3142     | 3134     | 0.70   | cps   |
| Neodymium  | 150-1 | 33597    | 33002    | 34032    | 33543    | 1.54   | cps   |
| Neodymium  | 150-2 | 4311     | 4264     | 4351     | 4309     | 1.01   | cps   |
| Nickel     | 60-2  | 16920    | 17384    | 17021    | 17108    | 1.43   | cps   |
| Phosphorus | 31-2  | 533      | 400      | 475      | 469      | 14.24  | cps   |
| Potassium  | 39-2  | 11647    | 11889    | 10863    | 11466    | 4.68   | cps   |
| Rhodium    | 103-1 | 6655490  | 6852444  | 6688668  | 6732201  | 1.57   | cps   |
| Rhodium    | 103-2 | 1880893  | 1592390  | 1824376  | 1765886  | 8.66   | cps   |
| Scandium   | 45-1  | 3869174  | 3909419  | 3843590  | 3874061  | 0.86   | cps   |
| Scandium   | 45-2  | 35933    | 30394    | 33641    | 33323    | 8.35   | cps   |
| Selenium   | 77-2  | 27       | 13       | 27       | 22       | 34.66  | cps   |
| Selenium   | 78-2  | 4        | 20       | 9        | 11       | 76.40  | cps   |
| Selenium   | 82-1  | 41       | 106      | 30       | 59       | 69.75  | cps   |
| Silicon    | 28-1  | 4682537  | 4569973  | 4557149  | 4603219  | 1.50   | cps   |
| Silver     | 109-1 | 1425     | 1300     | 1258     | 1328     | 6.53   | cps   |
| Silver     | 107-1 | 1450     | 1425     | 1559     | 1478     | 4.80   | cps   |
| Sodium     | 23-2  | 13991    | 13857    | 14049    | 13966    | 0.70   | cps   |
| Strontium  | 86-1  | 156402   | 157357   | 156209   | 156656   | 0.39   | cps   |
| Strontium  | 88-1  | 1380013  | 1401409  | 1378990  | 1386804  | 0.91   | cps   |
| Sulfur     | 34-1  | 205974   | 205294   | 203823   | 205030   | 0.54   | cps   |
| Terbium    | 159-1 | 10285839 | 10564850 | 10391826 | 10414172 | 1.35   | cps   |
| Terbium    | 159-2 | 1971769  | 1690175  | 1925457  | 1862467  | 8.11   | cps   |
| Thallium   | 203-1 | 3192     | 2950     | 3176     | 3106     | 4.35   | cps   |
| Thallium   | 205-1 | 6419     | 6794     | 6527     | 6580     | 2.93   | cps   |
| Tin        | 118-1 | 16811    | 16886    | 16085    | 16594    | 2.67   | cps   |
| Titanium   | 47-1  | 72915    | 72555    | 76471    | 73980    | 2.93   | cps   |
| Uranium    | 238-1 | 5226     | 5143     | 4784     | 5051     | 4.65   | cps   |
| Vanadium   | 51-2  | 57622    | 59325    | 58482    | 58476    | 1.46   | cps   |
| Yttrium    | 89-1  | 7727292  | 7940226  | 7822989  | 7830169  | 1.36   | cps   |
| Yttrium    | 89-2  | 252434   | 214414   | 244171   | 237006   | 8.44   | cps   |
| Zinc       | 66-2  | 22018    | 22539    | 22171    | 22243    | 1.20   | cps   |
| Zirconium  | 90-1  | 9871     | 9320     | 10062    | 9751     | 3.95   | cps   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB94089             | Operator :        | Jaswal    |
| Lab Sample ID :         | J1988-03            | Instrumnet Name : | P8        |
| Client Sample ID :      | MJHR88              | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2018-03-22 14:46:14 | DataFile Name :   | 048SMPL.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|-----------|------|------|------|------|---------|--------|-------|
| Zirconium | 91-1 | 2259 | 2392 | 2167 | 2273    | 4.98   | cps   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB94089             | Operator :        | Jaswal    |
| Lab Sample ID :         | J1988-04            | Instrumnet Name : | P8        |
| Client Sample ID :      | MJHR89              | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2018-03-22 14:49:34 | DataFile Name :   | 049SMPL.d |

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|------------|-------|----------|----------|----------|----------|--------|-------|
| Aluminium  | 27-2  | 177353   | 176062   | 178399   | 177271   | 0.66   | cps   |
| Antimony   | 121-1 | 92680    | 93040    | 92697    | 92806    | 0.22   | cps   |
| Arsenic    | 75-2  | 9481     | 8962     | 9490     | 9311     | 3.25   | cps   |
| Barium     | 135-1 | 227634   | 229913   | 229481   | 229010   | 0.53   | cps   |
| Barium     | 137-1 | 396575   | 398281   | 398075   | 397644   | 0.23   | cps   |
| Beryllium  | 9-1   | 1011     | 806      | 889      | 902      | 11.46  | cps   |
| Bismuth    | 209-1 | 6904259  | 6970440  | 6892863  | 6922521  | 0.61   | cps   |
| Bismuth    | 209-2 | 1574239  | 1586275  | 1556962  | 1572492  | 0.94   | cps   |
| Boron      | 10-1  | 633      | 683      | 508      | 608      | 14.82  | cps   |
| Boron      | 11-1  | 2684     | 3025     | 2575     | 2762     | 8.51   | cps   |
| Cadmium    | 111-1 | 2231     | 2370     | 2116     | 2239     | 5.67   | cps   |
| Cadmium    | 106-1 | 1525     | 1667     | 1433     | 1542     | 7.63   | cps   |
| Cadmium    | 108-1 | 113      | 121      | 113      | 115      | 4.18   | cps   |
| Calcium    | 43-1  | 91237    | 91572    | 93267    | 92025    | 1.18   | cps   |
| Calcium    | 44-1  | 1539130  | 1511443  | 1531596  | 1527390  | 0.94   | cps   |
| Chromium   | 52-2  | 47226    | 47400    | 47029    | 47218    | 0.39   | cps   |
| Cobalt     | 59-2  | 85698    | 84970    | 85651    | 85440    | 0.48   | cps   |
| Copper     | 63-2  | 176012   | 175883   | 175033   | 175643   | 0.30   | cps   |
| Dysprosium | 156-1 | 18522    | 18514    | 19615    | 18884    | 3.36   | cps   |
| Dysprosium | 156-2 | 4007     | 4057     | 4087     | 4051     | 1.00   | cps   |
| Erbium     | 164-1 | 16920    | 17897    | 17245    | 17354    | 2.86   | cps   |
| Erbium     | 164-2 | 3401     | 3184     | 3330     | 3305     | 3.35   | cps   |
| Gadolinium | 160-1 | 19365    | 19248    | 19132    | 19248    | 0.61   | cps   |
| Gadolinium | 160-2 | 4951     | 5151     | 5101     | 5068     | 2.05   | cps   |
| Holmium    | 165-1 | 10139636 | 10246051 | 10107483 | 10164390 | 0.71   | cps   |
| Holmium    | 165-2 | 2017478  | 2009997  | 2024133  | 2017203  | 0.35   | cps   |
| Indium     | 115-1 | 7506163  | 7461573  | 7454724  | 7474153  | 0.37   | cps   |
| Indium     | 115-2 | 323190   | 324493   | 317973   | 321885   | 1.07   | cps   |
| Iron       | 56-2  | 37661716 | 37529556 | 37542561 | 37577944 | 0.19   | cps   |
| Iron       | 57-2  | 934455   | 934104   | 933666   | 934075   | 0.04   | cps   |
| Lead       | 206-1 | 480273   | 475317   | 478868   | 478153   | 0.53   | cps   |
| Lead       | 207-1 | 402157   | 398975   | 400452   | 400528   | 0.40   | cps   |
| Lead       | 208-1 | 1876658  | 1864626  | 1866117  | 1869134  | 0.35   | cps   |
| Lithium    | 6-1   | 1365897  | 1380123  | 1342814  | 1362945  | 1.38   | cps   |
| Magnesium  | 24-2  | 80411    | 79882    | 79070    | 79788    | 0.85   | cps   |
| Manganese  | 55-2  | 623614   | 621707   | 620913   | 622078   | 0.22   | cps   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB94089             | Operator :        | Jaswal    |
| Lab Sample ID :         | J1988-04            | Instrumnet Name : | P8        |
| Client Sample ID :      | MJHR89              | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2018-03-22 14:49:34 | DataFile Name :   | 049SMPL.d |

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|------------|-------|----------|----------|----------|----------|--------|-------|
| Molybdenum | 94-1  | 4568     | 4684     | 4609     | 4620     | 1.28   | cps   |
| Molybdenum | 95-1  | 1642     | 1592     | 1550     | 1595     | 2.88   | cps   |
| Molybdenum | 96-1  | 2717     | 2692     | 2892     | 2767     | 3.94   | cps   |
| Molybdenum | 97-1  | 792      | 858      | 975      | 875      | 10.60  | cps   |
| Molybdenum | 98-1  | 2400     | 2517     | 2659     | 2525     | 5.12   | cps   |
| Neodymium  | 150-1 | 22794    | 24063    | 23121    | 23326    | 2.82   | cps   |
| Neodymium  | 150-2 | 2977     | 2874     | 3190     | 3014     | 5.36   | cps   |
| Nickel     | 60-2  | 19824    | 19117    | 19604    | 19515    | 1.86   | cps   |
| Phosphorus | 31-2  | 1058     | 1042     | 1100     | 1067     | 2.82   | cps   |
| Potassium  | 39-2  | 10504    | 9979     | 9887     | 10123    | 3.29   | cps   |
| Rhodium    | 103-1 | 6764935  | 6822297  | 6691008  | 6759414  | 0.97   | cps   |
| Rhodium    | 103-2 | 1869961  | 1865629  | 1834462  | 1856684  | 1.04   | cps   |
| Scandium   | 45-1  | 3874094  | 3952619  | 3906942  | 3911218  | 1.01   | cps   |
| Scandium   | 45-2  | 35739    | 35963    | 34750    | 35484    | 1.82   | cps   |
| Selenium   | 77-2  | 10       | 10       | 17       | 12       | 31.50  | cps   |
| Selenium   | 78-2  | 11       | 13       | 11       | 12       | 9.11   | cps   |
| Selenium   | 82-1  | 25       | 73       | 8        | 35       | 96.93  | cps   |
| Silicon    | 28-1  | 4533112  | 4566892  | 4543874  | 4547960  | 0.38   | cps   |
| Silver     | 109-1 | 1158     | 1192     | 1425     | 1258     | 11.55  | cps   |
| Silver     | 107-1 | 1183     | 1250     | 1358     | 1264     | 6.99   | cps   |
| Sodium     | 23-2  | 11180    | 11413    | 11046    | 11213    | 1.66   | cps   |
| Strontium  | 86-1  | 190732   | 190459   | 191112   | 190767   | 0.17   | cps   |
| Strontium  | 88-1  | 1716146  | 1675256  | 1704706  | 1698703  | 1.24   | cps   |
| Sulfur     | 34-1  | 198923   | 194960   | 194192   | 196025   | 1.30   | cps   |
| Terbium    | 159-1 | 10411854 | 10574067 | 10405412 | 10463778 | 0.91   | cps   |
| Terbium    | 159-2 | 1973630  | 1938220  | 1950494  | 1954115  | 0.92   | cps   |
| Thallium   | 203-1 | 2634     | 2817     | 2492     | 2648     | 6.16   | cps   |
| Thallium   | 205-1 | 6569     | 5952     | 6644     | 6388     | 5.94   | cps   |
| Tin        | 118-1 | 19089    | 18121    | 18764    | 18658    | 2.64   | cps   |
| Titanium   | 47-1  | 55301    | 55126    | 55754    | 55394    | 0.58   | cps   |
| Uranium    | 238-1 | 3301     | 3792     | 3484     | 3526     | 7.05   | cps   |
| Vanadium   | 51-2  | 64769    | 65127    | 64843    | 64913    | 0.29   | cps   |
| Yttrium    | 89-1  | 7780792  | 7877331  | 7764869  | 7807664  | 0.78   | cps   |
| Yttrium    | 89-2  | 252009   | 248060   | 243702   | 247924   | 1.68   | cps   |
| Zinc       | 66-2  | 36926    | 37163    | 37397    | 37162    | 0.63   | cps   |
| Zirconium  | 90-1  | 10071    | 10279    | 10421    | 10257    | 1.72   | cps   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB94089             | Operator :        | Jaswal    |
| Lab Sample ID :         | J1988-04            | Instrumnet Name : | P8        |
| Client Sample ID :      | MJHR89              | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2018-03-22 14:49:34 | DataFile Name :   | 049SMPL.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|-----------|------|------|------|------|---------|--------|-------|
| Zirconium | 91-1 | 2225 | 1959 | 2417 | 2200    | 10.46  | cps   |



|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB94089             | Operator :        | Jaswal    |
| Lab Sample ID :         | J1988-05            | Instrumnet Name : | P8        |
| Client Sample ID :      | MJHR90              | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2018-03-22 14:52:53 | DataFile Name :   | 050SMPL.d |

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|------------|-------|----------|----------|----------|----------|--------|-------|
| Aluminium  | 27-2  | 133666   | 132462   | 132690   | 132939   | 0.48   | cps   |
| Antimony   | 121-1 | 16277    | 16319    | 16711    | 16436    | 1.46   | cps   |
| Arsenic    | 75-2  | 3991     | 4062     | 4065     | 4040     | 1.03   | cps   |
| Barium     | 135-1 | 366271   | 361229   | 365764   | 364421   | 0.76   | cps   |
| Barium     | 137-1 | 636160   | 630141   | 634476   | 633592   | 0.49   | cps   |
| Beryllium  | 9-1   | 1017     | 967      | 950      | 978      | 3.55   | cps   |
| Bismuth    | 209-1 | 6933608  | 7104333  | 7038379  | 7025440  | 1.23   | cps   |
| Bismuth    | 209-2 | 1690242  | 1619391  | 1635446  | 1648360  | 2.25   | cps   |
| Boron      | 10-1  | 433      | 367      | 408      | 403      | 8.36   | cps   |
| Boron      | 11-1  | 2067     | 2034     | 2184     | 2095     | 3.76   | cps   |
| Cadmium    | 111-1 | 1390     | 1605     | 1459     | 1485     | 7.38   | cps   |
| Cadmium    | 106-1 | 1217     | 1375     | 1208     | 1267     | 7.42   | cps   |
| Cadmium    | 108-1 | 58       | 71       | 100      | 76       | 27.99  | cps   |
| Calcium    | 43-1  | 155923   | 155553   | 155587   | 155688   | 0.13   | cps   |
| Calcium    | 44-1  | 2627488  | 2586456  | 2575106  | 2596350  | 1.06   | cps   |
| Chromium   | 52-2  | 27968    | 27831    | 27501    | 27767    | 0.87   | cps   |
| Cobalt     | 59-2  | 46381    | 47069    | 46247    | 46565    | 0.95   | cps   |
| Copper     | 63-2  | 155623   | 156018   | 156345   | 155995   | 0.23   | cps   |
| Dysprosium | 156-1 | 32667    | 33302    | 33034    | 33001    | 0.97   | cps   |
| Dysprosium | 156-2 | 7386     | 7692     | 7282     | 7453     | 2.86   | cps   |
| Erbium     | 164-1 | 31447    | 30779    | 31004    | 31077    | 1.09   | cps   |
| Erbium     | 164-2 | 5751     | 5678     | 5791     | 5740     | 1.00   | cps   |
| Gadolinium | 160-1 | 34773    | 34012    | 34146    | 34310    | 1.18   | cps   |
| Gadolinium | 160-2 | 9070     | 8910     | 8693     | 8891     | 2.13   | cps   |
| Holmium    | 165-1 | 10212622 | 10480190 | 10298154 | 10330322 | 1.32   | cps   |
| Holmium    | 165-2 | 2080333  | 2057696  | 2024689  | 2054239  | 1.36   | cps   |
| Indium     | 115-1 | 7529424  | 7606401  | 7605538  | 7580454  | 0.58   | cps   |
| Indium     | 115-2 | 329860   | 329168   | 319688   | 326238   | 1.74   | cps   |
| Iron       | 56-2  | 23533701 | 23718474 | 23549686 | 23600620 | 0.43   | cps   |
| Iron       | 57-2  | 587673   | 596025   | 580805   | 588168   | 1.30   | cps   |
| Lead       | 206-1 | 160491   | 159613   | 159313   | 159806   | 0.38   | cps   |
| Lead       | 207-1 | 139481   | 138358   | 139811   | 139217   | 0.55   | cps   |
| Lead       | 208-1 | 636011   | 637336   | 639915   | 637754   | 0.31   | cps   |
| Lithium    | 6-1   | 1357004  | 1376907  | 1372022  | 1368644  | 0.76   | cps   |
| Magnesium  | 24-2  | 171741   | 176145   | 173133   | 173673   | 1.30   | cps   |
| Manganese  | 55-2  | 284541   | 284912   | 285277   | 284910   | 0.13   | cps   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB94089             | Operator :        | Jaswal    |
| Lab Sample ID :         | J1988-05            | Instrumnet Name : | P8        |
| Client Sample ID :      | MJHR90              | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2018-03-22 14:52:53 | DataFile Name :   | 050SMPL.d |

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|------------|-------|----------|----------|----------|----------|--------|-------|
| Molybdenum | 94-1  | 3742     | 3851     | 4168     | 3920     | 5.64   | cps   |
| Molybdenum | 95-1  | 1142     | 1342     | 1600     | 1361     | 16.88  | cps   |
| Molybdenum | 96-1  | 2317     | 2500     | 2392     | 2403     | 3.84   | cps   |
| Molybdenum | 97-1  | 1058     | 600      | 850      | 836      | 27.45  | cps   |
| Molybdenum | 98-1  | 1900     | 2167     | 2434     | 2167     | 12.31  | cps   |
| Neodymium  | 150-1 | 46965    | 45272    | 45560    | 45932    | 1.97   | cps   |
| Neodymium  | 150-2 | 6035     | 5931     | 5965     | 5977     | 0.88   | cps   |
| Nickel     | 60-2  | 11175    | 11258    | 10941    | 11125    | 1.48   | cps   |
| Phosphorus | 31-2  | 508      | 458      | 583      | 517      | 12.18  | cps   |
| Potassium  | 39-2  | 29231    | 30776    | 29407    | 29805    | 2.84   | cps   |
| Rhodium    | 103-1 | 6855924  | 6940004  | 6812785  | 6869571  | 0.94   | cps   |
| Rhodium    | 103-2 | 1919828  | 1881897  | 1858488  | 1886738  | 1.64   | cps   |
| Scandium   | 45-1  | 3815680  | 3913810  | 3874573  | 3868021  | 1.28   | cps   |
| Scandium   | 45-2  | 34887    | 34660    | 33801    | 34449    | 1.66   | cps   |
| Selenium   | 77-2  | 43       | 17       | 30       | 30       | 44.43  | cps   |
| Selenium   | 78-2  | 19       | 28       | 17       | 21       | 28.36  | cps   |
| Selenium   | 82-1  | 24       | 101      | 58       | 61       | 62.98  | cps   |
| Silicon    | 28-1  | 6392237  | 6409133  | 6480014  | 6427128  | 0.72   | cps   |
| Silver     | 109-1 | 1500     | 1383     | 1509     | 1464     | 4.77   | cps   |
| Silver     | 107-1 | 1592     | 1542     | 1559     | 1564     | 1.63   | cps   |
| Sodium     | 23-2  | 14566    | 15142    | 14108    | 14605    | 3.55   | cps   |
| Strontium  | 86-1  | 228321   | 228116   | 226360   | 227599   | 0.47   | cps   |
| Strontium  | 88-1  | 2043189  | 2045567  | 2013438  | 2034065  | 0.88   | cps   |
| Sulfur     | 34-1  | 190052   | 190491   | 191825   | 190789   | 0.48   | cps   |
| Terbium    | 159-1 | 10503054 | 10782491 | 10597518 | 10627688 | 1.34   | cps   |
| Terbium    | 159-2 | 2034417  | 1967080  | 1976781  | 1992760  | 1.83   | cps   |
| Thallium   | 203-1 | 1067     | 925      | 1092     | 1028     | 8.75   | cps   |
| Thallium   | 205-1 | 2267     | 2592     | 2625     | 2495     | 7.94   | cps   |
| Tin        | 118-1 | 9829     | 9462     | 9370     | 9554     | 2.54   | cps   |
| Titanium   | 47-1  | 70579    | 72538    | 72915    | 72011    | 1.74   | cps   |
| Uranium    | 238-1 | 6585     | 6794     | 6811     | 6730     | 1.86   | cps   |
| Vanadium   | 51-2  | 58666    | 59724    | 58659    | 59016    | 1.04   | cps   |
| Yttrium    | 89-1  | 7959024  | 8082537  | 8020408  | 8020656  | 0.77   | cps   |
| Yttrium    | 89-2  | 257653   | 255611   | 251635   | 254966   | 1.20   | cps   |
| Zinc       | 66-2  | 18095    | 18503    | 18289    | 18296    | 1.11   | cps   |
| Zirconium  | 90-1  | 8261     | 8803     | 8061     | 8375     | 4.58   | cps   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB94089             | Operator :        | Jaswal    |
| Lab Sample ID :         | J1988-05            | Instrumnet Name : | P8        |
| Client Sample ID :      | MJHR90              | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2018-03-22 14:52:53 | DataFile Name :   | 050SMPL.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|-----------|------|------|------|------|---------|--------|-------|
| Zirconium | 91-1 | 2618 | 1867 | 1850 | 2112    | 20.78  | cps   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB94089             | Operator :        | Jaswal    |
| Lab Sample ID :         | J1988-06            | Instrumnet Name : | P8        |
| Client Sample ID :      | MJHR90D             | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2018-03-22 14:56:12 | DataFile Name :   | 051SMPL.d |

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|------------|-------|----------|----------|----------|----------|--------|-------|
| Aluminium  | 27-2  | 135802   | 136400   | 136239   | 136147   | 0.23   | cps   |
| Antimony   | 121-1 | 16294    | 15551    | 16227    | 16024    | 2.56   | cps   |
| Arsenic    | 75-2  | 3995     | 4012     | 4078     | 4028     | 1.10   | cps   |
| Barium     | 135-1 | 375063   | 369267   | 369017   | 371116   | 0.92   | cps   |
| Barium     | 137-1 | 647481   | 643261   | 641647   | 644129   | 0.47   | cps   |
| Beryllium  | 9-1   | 1133     | 895      | 983      | 1004     | 12.03  | cps   |
| Bismuth    | 209-1 | 6897796  | 7106782  | 7118304  | 7040961  | 1.76   | cps   |
| Bismuth    | 209-2 | 1708808  | 1634813  | 1646817  | 1663479  | 2.39   | cps   |
| Boron      | 10-1  | 367      | 467      | 483      | 439      | 14.38  | cps   |
| Boron      | 11-1  | 2034     | 2034     | 2134     | 2067     | 2.79   | cps   |
| Cadmium    | 111-1 | 1621     | 1486     | 1711     | 1606     | 7.08   | cps   |
| Cadmium    | 106-1 | 1492     | 1250     | 1442     | 1395     | 9.15   | cps   |
| Cadmium    | 108-1 | 75       | 63       | 63       | 67       | 10.83  | cps   |
| Calcium    | 43-1  | 161992   | 162816   | 163026   | 162611   | 0.34   | cps   |
| Calcium    | 44-1  | 2697986  | 2672752  | 2680517  | 2683751  | 0.48   | cps   |
| Chromium   | 52-2  | 28282    | 28716    | 28586    | 28528    | 0.78   | cps   |
| Cobalt     | 59-2  | 47086    | 47083    | 47548    | 47239    | 0.57   | cps   |
| Copper     | 63-2  | 159496   | 159870   | 159416   | 159594   | 0.15   | cps   |
| Dysprosium | 156-1 | 33160    | 34296    | 33235    | 33564    | 1.89   | cps   |
| Dysprosium | 156-2 | 7706     | 7325     | 7412     | 7481     | 2.66   | cps   |
| Erbium     | 164-1 | 31873    | 32500    | 31330    | 31901    | 1.84   | cps   |
| Erbium     | 164-2 | 5675     | 5745     | 5938     | 5786     | 2.36   | cps   |
| Gadolinium | 160-1 | 34931    | 35708    | 34597    | 35079    | 1.63   | cps   |
| Gadolinium | 160-2 | 9393     | 9193     | 8950     | 9179     | 2.42   | cps   |
| Holmium    | 165-1 | 10169518 | 10476151 | 10449698 | 10365122 | 1.64   | cps   |
| Holmium    | 165-2 | 2098105  | 2062297  | 2058464  | 2072956  | 1.05   | cps   |
| Indium     | 115-1 | 7532668  | 7659917  | 7616420  | 7603001  | 0.85   | cps   |
| Indium     | 115-2 | 330702   | 326591   | 322001   | 326431   | 1.33   | cps   |
| Iron       | 56-2  | 24243948 | 24089103 | 23984732 | 24105928 | 0.54   | cps   |
| Iron       | 57-2  | 598313   | 596722   | 603953   | 599663   | 0.63   | cps   |
| Lead       | 206-1 | 172979   | 171549   | 170918   | 171815   | 0.61   | cps   |
| Lead       | 207-1 | 146193   | 147721   | 149228   | 147714   | 1.03   | cps   |
| Lead       | 208-1 | 681209   | 680562   | 685640   | 682470   | 0.41   | cps   |
| Lithium    | 6-1   | 1393749  | 1410065  | 1426632  | 1410149  | 1.17   | cps   |
| Magnesium  | 24-2  | 178397   | 174010   | 177175   | 176528   | 1.28   | cps   |
| Manganese  | 55-2  | 292222   | 291078   | 295411   | 292904   | 0.77   | cps   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB94089             | Operator :        | Jaswal    |
| Lab Sample ID :         | J1988-06            | Instrumnet Name : | P8        |
| Client Sample ID :      | MJHR90D             | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2018-03-22 14:56:12 | DataFile Name :   | 051SMPL.d |

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|------------|-------|----------|----------|----------|----------|--------|-------|
| Molybdenum | 94-1  | 4051     | 4092     | 3926     | 4023     | 2.16   | cps   |
| Molybdenum | 95-1  | 1308     | 1292     | 1250     | 1283     | 2.34   | cps   |
| Molybdenum | 96-1  | 2275     | 2167     | 2292     | 2245     | 3.02   | cps   |
| Molybdenum | 97-1  | 758      | 833      | 733      | 775      | 6.71   | cps   |
| Molybdenum | 98-1  | 2159     | 2050     | 1984     | 2064     | 4.28   | cps   |
| Neodymium  | 150-1 | 47366    | 46931    | 46617    | 46972    | 0.80   | cps   |
| Neodymium  | 150-2 | 6052     | 6182     | 5908     | 6047     | 2.26   | cps   |
| Nickel     | 60-2  | 11422    | 11762    | 11939    | 11707    | 2.24   | cps   |
| Phosphorus | 31-2  | 442      | 425      | 458      | 442      | 3.77   | cps   |
| Potassium  | 39-2  | 30484    | 30626    | 31035    | 30715    | 0.93   | cps   |
| Rhodium    | 103-1 | 6791011  | 6883577  | 6852953  | 6842514  | 0.69   | cps   |
| Rhodium    | 103-2 | 1941083  | 1892334  | 1868838  | 1900752  | 1.94   | cps   |
| Scandium   | 45-1  | 3822960  | 3895203  | 3941846  | 3886670  | 1.54   | cps   |
| Scandium   | 45-2  | 35906    | 34242    | 34015    | 34721    | 2.97   | cps   |
| Selenium   | 77-2  | 23       | 37       | 23       | 28       | 27.73  | cps   |
| Selenium   | 78-2  | 17       | 19       | 20       | 19       | 9.99   | cps   |
| Selenium   | 82-1  | 56       | 22       | 45       | 41       | 42.44  | cps   |
| Silicon    | 28-1  | 6578723  | 6605585  | 6627598  | 6603969  | 0.37   | cps   |
| Silver     | 109-1 | 1433     | 1367     | 1408     | 1403     | 2.40   | cps   |
| Silver     | 107-1 | 1700     | 1609     | 1583     | 1631     | 3.77   | cps   |
| Sodium     | 23-2  | 15050    | 15693    | 13699    | 14814    | 6.87   | cps   |
| Strontium  | 86-1  | 234274   | 232880   | 236105   | 234420   | 0.69   | cps   |
| Strontium  | 88-1  | 2091055  | 2109838  | 2084775  | 2095223  | 0.62   | cps   |
| Sulfur     | 34-1  | 193490   | 189327   | 189843   | 190887   | 1.19   | cps   |
| Terbium    | 159-1 | 10493635 | 10758997 | 10727243 | 10659959 | 1.36   | cps   |
| Terbium    | 159-2 | 2039133  | 1974465  | 1958835  | 1990811  | 2.14   | cps   |
| Thallium   | 203-1 | 975      | 1008     | 1033     | 1006     | 2.91   | cps   |
| Thallium   | 205-1 | 2384     | 2567     | 2034     | 2328     | 11.64  | cps   |
| Tin        | 118-1 | 10163    | 9971     | 10113    | 10082    | 0.99   | cps   |
| Titanium   | 47-1  | 73594    | 74215    | 73938    | 73916    | 0.42   | cps   |
| Uranium    | 238-1 | 7119     | 7361     | 7478     | 7319     | 2.50   | cps   |
| Vanadium   | 51-2  | 60112    | 60309    | 60611    | 60344    | 0.42   | cps   |
| Yttrium    | 89-1  | 7999933  | 8082798  | 8100793  | 8061175  | 0.67   | cps   |
| Yttrium    | 89-2  | 259718   | 253443   | 253480   | 255547   | 1.41   | cps   |
| Zinc       | 66-2  | 22856    | 22158    | 22565    | 22526    | 1.56   | cps   |
| Zirconium  | 90-1  | 10700    | 9537     | 8770     | 9669     | 10.05  | cps   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB94089             | Operator :        | Jaswal    |
| Lab Sample ID :         | J1988-06            | Instrumnet Name : | P8        |
| Client Sample ID :      | MJHR90D             | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2018-03-22 14:56:12 | DataFile Name :   | 051SMPL.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|-----------|------|------|------|------|---------|--------|-------|
| Zirconium | 91-1 | 2225 | 2125 | 1892 | 2081    | 8.22   | cps   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB94089             | Operator :        | Jaswal    |
| Lab Sample ID :         | J1988-05LX5         | Instrumnet Name : | P8        |
| Client Sample ID :      | MJHR90L             | Dilution Factor : | 5         |
| Date & Time Acquired :: | 2018-03-22 14:59:33 | DataFile Name :   | 052SMPL.d |

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|------------|-------|----------|----------|----------|----------|--------|-------|
| Aluminium  | 27-2  | 29031    | 29406    | 28438    | 28958    | 1.69   | cps   |
| Antimony   | 121-1 | 3959     | 3884     | 3917     | 3920     | 0.96   | cps   |
| Arsenic    | 75-2  | 872      | 933      | 959      | 922      | 4.85   | cps   |
| Barium     | 135-1 | 78106    | 77963    | 78323    | 78131    | 0.23   | cps   |
| Barium     | 137-1 | 136481   | 134242   | 134250   | 134991   | 0.96   | cps   |
| Beryllium  | 9-1   | 239      | 322      | 328      | 296      | 16.81  | cps   |
| Bismuth    | 209-1 | 6890742  | 7085577  | 7057181  | 7011166  | 1.50   | cps   |
| Bismuth    | 209-2 | 1703159  | 1629486  | 1648069  | 1660238  | 2.31   | cps   |
| Boron      | 10-1  | 217      | 250      | 150      | 206      | 24.77  | cps   |
| Boron      | 11-1  | 1108     | 1025     | 1108     | 1081     | 4.45   | cps   |
| Cadmium    | 111-1 | 944      | 990      | 944      | 959      | 2.78   | cps   |
| Cadmium    | 106-1 | 1158     | 1208     | 1167     | 1178     | 2.28   | cps   |
| Cadmium    | 108-1 | 13       | 8        | 21       | 14       | 45.83  | cps   |
| Calcium    | 43-1  | 34326    | 35989    | 34677    | 34997    | 2.50   | cps   |
| Calcium    | 44-1  | 562268   | 564068   | 558512   | 561616   | 0.50   | cps   |
| Chromium   | 52-2  | 6165     | 5955     | 5951     | 6024     | 2.03   | cps   |
| Cobalt     | 59-2  | 9770     | 9940     | 9600     | 9770     | 1.74   | cps   |
| Copper     | 63-2  | 33440    | 33821    | 33691    | 33651    | 0.58   | cps   |
| Dysprosium | 156-1 | 6710     | 7102     | 7402     | 7072     | 4.91   | cps   |
| Dysprosium | 156-2 | 1490     | 1407     | 1537     | 1478     | 4.46   | cps   |
| Erbium     | 164-1 | 6744     | 6544     | 6477     | 6588     | 2.11   | cps   |
| Erbium     | 164-2 | 1200     | 1270     | 1207     | 1226     | 3.15   | cps   |
| Gadolinium | 160-1 | 7769     | 7569     | 7286     | 7541     | 3.22   | cps   |
| Gadolinium | 160-2 | 1920     | 1984     | 1877     | 1927     | 2.78   | cps   |
| Holmium    | 165-1 | 10242301 | 10418294 | 10284793 | 10315129 | 0.89   | cps   |
| Holmium    | 165-2 | 2106777  | 2048121  | 2000651  | 2051849  | 2.59   | cps   |
| Indium     | 115-1 | 7404518  | 7621281  | 7546441  | 7524080  | 1.46   | cps   |
| Indium     | 115-2 | 339134   | 328135   | 322852   | 330040   | 2.52   | cps   |
| Iron       | 56-2  | 5148302  | 5121009  | 5140836  | 5136715  | 0.27   | cps   |
| Iron       | 57-2  | 127590   | 126721   | 126003   | 126771   | 0.63   | cps   |
| Lead       | 206-1 | 34575    | 34687    | 35088    | 34783    | 0.78   | cps   |
| Lead       | 207-1 | 29295    | 30576    | 30370    | 30081    | 2.29   | cps   |
| Lead       | 208-1 | 137092   | 138552   | 139244   | 138296   | 0.79   | cps   |
| Lithium    | 6-1   | 1341745  | 1371194  | 1356377  | 1356439  | 1.09   | cps   |
| Magnesium  | 24-2  | 38428    | 37041    | 37801    | 37757    | 1.84   | cps   |
| Manganese  | 55-2  | 61441    | 61568    | 61712    | 61574    | 0.22   | cps   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB94089             | Operator :        | Jaswal    |
| Lab Sample ID :         | J1988-05LX5         | Instrumnet Name : | P8        |
| Client Sample ID :      | MJHR90L             | Dilution Factor : | 5         |
| Date & Time Acquired :: | 2018-03-22 14:59:33 | DataFile Name :   | 052SMPL.d |

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD  | Units |
|------------|-------|----------|----------|----------|----------|---------|-------|
| Molybdenum | 94-1  | 958      | 1042     | 975      | 992      | 4.45    | cps   |
| Molybdenum | 95-1  | 392      | 392      | 383      | 389      | 1.24    | cps   |
| Molybdenum | 96-1  | 617      | 783      | 833      | 745      | 15.24   | cps   |
| Molybdenum | 97-1  | 200      | 250      | 292      | 247      | 18.56   | cps   |
| Molybdenum | 98-1  | 483      | 658      | 592      | 578      | 15.29   | cps   |
| Neodymium  | 150-1 | 9944     | 9877     | 9230     | 9684     | 4.07    | cps   |
| Neodymium  | 150-2 | 1243     | 1273     | 1257     | 1258     | 1.19    | cps   |
| Nickel     | 60-2  | 2700     | 2534     | 2720     | 2651     | 3.87    | cps   |
| Phosphorus | 31-2  | 142      | 75       | 133      | 117      | 31.14   | cps   |
| Potassium  | 39-2  | 8219     | 8086     | 7803     | 8036     | 2.65    | cps   |
| Rhodium    | 103-1 | 6768435  | 6862058  | 6914212  | 6848235  | 1.08    | cps   |
| Rhodium    | 103-2 | 1939228  | 1889303  | 1853050  | 1893860  | 2.28    | cps   |
| Scandium   | 45-1  | 3784781  | 3886488  | 3826243  | 3832504  | 1.33    | cps   |
| Scandium   | 45-2  | 35592    | 34255    | 33169    | 34339    | 3.53    | cps   |
| Selenium   | 77-2  | 7        | 7        | 0        | 4        | 86.60   | cps   |
| Selenium   | 78-2  | 4        | 4        | 4        | 4        | 0.00    | cps   |
| Selenium   | 82-1  | 30       | -13      | -46      | -10      | -382.67 | cps   |
| Silicon    | 28-1  | 1652028  | 1640463  | 1638003  | 1643498  | 0.46    | cps   |
| Silver     | 109-1 | 333      | 483      | 483      | 433      | 19.98   | cps   |
| Silver     | 107-1 | 458      | 450      | 467      | 458      | 1.82    | cps   |
| Sodium     | 23-2  | 5618     | 5601     | 5635     | 5618     | 0.30    | cps   |
| Strontium  | 86-1  | 48896    | 47208    | 48997    | 48367    | 2.08    | cps   |
| Strontium  | 88-1  | 423540   | 423875   | 423093   | 423503   | 0.09    | cps   |
| Sulfur     | 34-1  | 187131   | 186219   | 186761   | 186704   | 0.25    | cps   |
| Terbium    | 159-1 | 10394250 | 10785903 | 10647492 | 10609215 | 1.87    | cps   |
| Terbium    | 159-2 | 2030485  | 1991013  | 1969185  | 1996894  | 1.56    | cps   |
| Thallium   | 203-1 | 300      | 308      | 342      | 317      | 6.96    | cps   |
| Thallium   | 205-1 | 683      | 908      | 667      | 753      | 17.93   | cps   |
| Tin        | 118-1 | 2342     | 2342     | 2667     | 2450     | 7.66    | cps   |
| Titanium   | 47-1  | 15209    | 15944    | 15668    | 15607    | 2.38    | cps   |
| Uranium    | 238-1 | 1333     | 1659     | 1425     | 1472     | 11.38   | cps   |
| Vanadium   | 51-2  | 12542    | 13026    | 12502    | 12690    | 2.30    | cps   |
| Yttrium    | 89-1  | 7601619  | 7747388  | 7780985  | 7709998  | 1.24    | cps   |
| Yttrium    | 89-2  | 252887   | 247904   | 242684   | 247825   | 2.06    | cps   |
| Zinc       | 66-2  | 4041     | 3764     | 3937     | 3914     | 3.57    | cps   |
| Zirconium  | 90-1  | 2275     | 2175     | 2292     | 2248     | 2.81    | cps   |



|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB94089             | Operator :        | Jaswal    |
| Lab Sample ID :         | J1988-05LX5         | Instrumnet Name : | P8        |
| Client Sample ID :      | MJHR90L             | Dilution Factor : | 5         |
| Date & Time Acquired :: | 2018-03-22 14:59:33 | DataFile Name :   | 052SMPL.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|-----------|------|------|------|------|---------|--------|-------|
| Zirconium | 91-1 | 475  | 417  | 425  | 439     | 7.19   | cps   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB94089             | Operator :        | Jaswal    |
| Lab Sample ID :         | J1988-07            | Instrumnet Name : | P8        |
| Client Sample ID :      | MJHR90S             | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2018-03-22 15:02:52 | DataFile Name :   | 053SMPL.d |

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|------------|-------|----------|----------|----------|----------|--------|-------|
| Aluminium  | 27-2  | 125887   | 124542   | 124359   | 124929   | 0.67   | cps   |
| Antimony   | 121-1 | 129658   | 129842   | 130079   | 129860   | 0.16   | cps   |
| Arsenic    | 75-2  | 4149     | 4247     | 4290     | 4228     | 1.71   | cps   |
| Barium     | 135-1 | 829467   | 828297   | 833136   | 830300   | 0.30   | cps   |
| Barium     | 137-1 | 1445444  | 1447407  | 1434241  | 1442364  | 0.49   | cps   |
| Beryllium  | 9-1   | 6774     | 6824     | 6996     | 6865     | 1.70   | cps   |
| Bismuth    | 209-1 | 6881092  | 7039366  | 6902592  | 6941016  | 1.24   | cps   |
| Bismuth    | 209-2 | 1681359  | 1622484  | 1630045  | 1644629  | 1.95   | cps   |
| Boron      | 10-1  | 325      | 392      | 408      | 375      | 11.76  | cps   |
| Boron      | 11-1  | 1825     | 1600     | 1700     | 1709     | 6.60   | cps   |
| Cadmium    | 111-1 | 12666    | 12907    | 13000    | 12858    | 1.34   | cps   |
| Cadmium    | 106-1 | 2134     | 2234     | 2250     | 2206     | 2.86   | cps   |
| Cadmium    | 108-1 | 683      | 875      | 883      | 814      | 13.90  | cps   |
| Calcium    | 43-1  | 144512   | 145176   | 144318   | 144668   | 0.31   | cps   |
| Calcium    | 44-1  | 2414611  | 2401835  | 2435170  | 2417205  | 0.70   | cps   |
| Chromium   | 52-2  | 44955    | 45340    | 45377    | 45224    | 0.52   | cps   |
| Cobalt     | 59-2  | 151691   | 150806   | 151442   | 151313   | 0.30   | cps   |
| Copper     | 63-2  | 189057   | 190935   | 189972   | 189988   | 0.49   | cps   |
| Dysprosium | 156-1 | 30052    | 30077    | 28816    | 29649    | 2.43   | cps   |
| Dysprosium | 156-2 | 6505     | 6535     | 6649     | 6563     | 1.15   | cps   |
| Erbium     | 164-1 | 28466    | 29083    | 27998    | 28516    | 1.91   | cps   |
| Erbium     | 164-2 | 5168     | 5295     | 5588     | 5350     | 4.03   | cps   |
| Gadolinium | 160-1 | 31088    | 30587    | 31606    | 31094    | 1.64   | cps   |
| Gadolinium | 160-2 | 8036     | 8123     | 8136     | 8098     | 0.67   | cps   |
| Holmium    | 165-1 | 10091850 | 10420715 | 10318672 | 10277079 | 1.64   | cps   |
| Holmium    | 165-2 | 2068351  | 2049473  | 2024007  | 2047277  | 1.09   | cps   |
| Indium     | 115-1 | 7490379  | 7655661  | 7547690  | 7564577  | 1.11   | cps   |
| Indium     | 115-2 | 330687   | 325919   | 320196   | 325601   | 1.61   | cps   |
| Iron       | 56-2  | 21726644 | 21515019 | 21602513 | 21614725 | 0.49   | cps   |
| Iron       | 57-2  | 534154   | 532788   | 532629   | 533190   | 0.16   | cps   |
| Lead       | 206-1 | 172938   | 170171   | 170412   | 171173   | 0.90   | cps   |
| Lead       | 207-1 | 151555   | 148526   | 149665   | 149915   | 1.02   | cps   |
| Lead       | 208-1 | 689853   | 680896   | 683088   | 684612   | 0.68   | cps   |
| Lithium    | 6-1   | 1369591  | 1393611  | 1397775  | 1386993  | 1.10   | cps   |
| Magnesium  | 24-2  | 158330   | 158610   | 159307   | 158749   | 0.32   | cps   |
| Manganese  | 55-2  | 275527   | 276920   | 277242   | 276563   | 0.33   | cps   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB94089             | Operator :        | Jaswal    |
| Lab Sample ID :         | J1988-07            | Instrumnet Name : | P8        |
| Client Sample ID :      | MJHR90S             | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2018-03-22 15:02:52 | DataFile Name :   | 053SMPL.d |

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|------------|-------|----------|----------|----------|----------|--------|-------|
| Molybdenum | 94-1  | 3551     | 3851     | 3459     | 3620     | 5.66   | cps   |
| Molybdenum | 95-1  | 1242     | 1083     | 1192     | 1172     | 6.91   | cps   |
| Molybdenum | 96-1  | 1942     | 2042     | 2350     | 2111     | 10.08  | cps   |
| Molybdenum | 97-1  | 675      | 667      | 717      | 686      | 3.90   | cps   |
| Molybdenum | 98-1  | 1792     | 1950     | 1959     | 1900     | 4.94   | cps   |
| Neodymium  | 150-1 | 41707    | 42195    | 41159    | 41687    | 1.24   | cps   |
| Neodymium  | 150-2 | 5268     | 5281     | 5325     | 5291     | 0.56   | cps   |
| Nickel     | 60-2  | 42150    | 41679    | 41716    | 41848    | 0.63   | cps   |
| Phosphorus | 31-2  | 333      | 475      | 458      | 422      | 18.34  | cps   |
| Potassium  | 39-2  | 28830    | 27912    | 27996    | 28246    | 1.80   | cps   |
| Rhodium    | 103-1 | 6789363  | 6900192  | 6870076  | 6853210  | 0.84   | cps   |
| Rhodium    | 103-2 | 1891719  | 1910278  | 1868334  | 1890110  | 1.11   | cps   |
| Scandium   | 45-1  | 3798744  | 3893071  | 3857352  | 3849722  | 1.24   | cps   |
| Scandium   | 45-2  | 35071    | 34322    | 34913    | 34769    | 1.13   | cps   |
| Selenium   | 77-2  | 33       | 27       | 20       | 27       | 24.99  | cps   |
| Selenium   | 78-2  | 57       | 57       | 56       | 57       | 1.88   | cps   |
| Selenium   | 82-1  | 1554     | 1524     | 1483     | 1520     | 2.35   | cps   |
| Silicon    | 28-1  | 6033275  | 6022879  | 6009630  | 6021928  | 0.20   | cps   |
| Silver     | 109-1 | 54127    | 53566    | 55064    | 54252    | 1.40   | cps   |
| Silver     | 107-1 | 58010    | 56276    | 57540    | 57276    | 1.57   | cps   |
| Sodium     | 23-2  | 13732    | 13048    | 12548    | 13109    | 4.54   | cps   |
| Strontium  | 86-1  | 207027   | 209532   | 211470   | 209343   | 1.06   | cps   |
| Strontium  | 88-1  | 1855060  | 1871203  | 1851393  | 1859219  | 0.57   | cps   |
| Sulfur     | 34-1  | 192038   | 189605   | 190990   | 190878   | 0.64   | cps   |
| Terbium    | 159-1 | 10490521 | 10602227 | 10629197 | 10573982 | 0.70   | cps   |
| Terbium    | 159-2 | 2005985  | 1990155  | 1938566  | 1978235  | 1.78   | cps   |
| Thallium   | 203-1 | 52527    | 51355    | 50961    | 51614    | 1.58   | cps   |
| Thallium   | 205-1 | 122907   | 122713   | 123588   | 123070   | 0.37   | cps   |
| Tin        | 118-1 | 8653     | 9846     | 9120     | 9206     | 6.53   | cps   |
| Titanium   | 47-1  | 64534    | 66024    | 65085    | 65214    | 1.16   | cps   |
| Uranium    | 238-1 | 6385     | 6569     | 6227     | 6394     | 2.68   | cps   |
| Vanadium   | 51-2  | 91101    | 91073    | 90872    | 91015    | 0.14   | cps   |
| Yttrium    | 89-1  | 7893515  | 8053143  | 8006374  | 7984344  | 1.03   | cps   |
| Yttrium    | 89-2  | 256530   | 255932   | 251312   | 254591   | 1.12   | cps   |
| Zinc       | 66-2  | 26606    | 25878    | 26232    | 26238    | 1.39   | cps   |
| Zirconium  | 90-1  | 8053     | 7970     | 7994     | 8006     | 0.53   | cps   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB94089             | Operator :        | Jaswal    |
| Lab Sample ID :         | J1988-07            | Instrumnet Name : | P8        |
| Client Sample ID :      | MJHR90S             | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2018-03-22 15:02:52 | DataFile Name :   | 053SMPL.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|-----------|------|------|------|------|---------|--------|-------|
| Zirconium | 91-1 | 2042 | 2000 | 1567 | 1870    | 14.07  | cps   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB94089             | Operator :        | Jaswal    |
| Lab Sample ID :         | J1988-08            | Instrumnet Name : | P8        |
| Client Sample ID :      | MJHR91              | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2018-03-22 15:06:11 | DataFile Name :   | 054SMPL.d |

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|------------|-------|----------|----------|----------|----------|--------|-------|
| Aluminium  | 27-2  | 121979   | 120416   | 124115   | 122170   | 1.52   | cps   |
| Antimony   | 121-1 | 29066    | 29617    | 29391    | 29358    | 0.94   | cps   |
| Arsenic    | 75-2  | 4808     | 4651     | 4629     | 4696     | 2.09   | cps   |
| Barium     | 135-1 | 372095   | 371500   | 370349   | 371315   | 0.24   | cps   |
| Barium     | 137-1 | 648496   | 646662   | 652874   | 649344   | 0.49   | cps   |
| Beryllium  | 9-1   | 711      | 722      | 794      | 743      | 6.09   | cps   |
| Bismuth    | 209-1 | 6862199  | 6880207  | 7041327  | 6927911  | 1.42   | cps   |
| Bismuth    | 209-2 | 1649073  | 1674309  | 1596085  | 1639822  | 2.43   | cps   |
| Boron      | 10-1  | 400      | 458      | 467      | 442      | 8.23   | cps   |
| Boron      | 11-1  | 2100     | 1909     | 2017     | 2009     | 4.79   | cps   |
| Cadmium    | 111-1 | 1439     | 1634     | 1531     | 1535     | 6.36   | cps   |
| Cadmium    | 106-1 | 1217     | 1508     | 1242     | 1322     | 12.23  | cps   |
| Cadmium    | 108-1 | 54       | 79       | 67       | 67       | 18.75  | cps   |
| Calcium    | 43-1  | 161131   | 160397   | 158982   | 160170   | 0.68   | cps   |
| Calcium    | 44-1  | 2621302  | 2656676  | 2641415  | 2639798  | 0.67   | cps   |
| Chromium   | 52-2  | 61548    | 60162    | 59821    | 60510    | 1.51   | cps   |
| Cobalt     | 59-2  | 44755    | 44451    | 44187    | 44464    | 0.64   | cps   |
| Copper     | 63-2  | 125712   | 127397   | 127114   | 126741   | 0.71   | cps   |
| Dysprosium | 156-1 | 21610    | 22203    | 22270    | 22028    | 1.65   | cps   |
| Dysprosium | 156-2 | 4864     | 4708     | 4551     | 4708     | 3.33   | cps   |
| Erbium     | 164-1 | 18581    | 19474    | 19632    | 19229    | 2.95   | cps   |
| Erbium     | 164-2 | 3564     | 3587     | 3574     | 3575     | 0.33   | cps   |
| Gadolinium | 160-1 | 21235    | 21201    | 21736    | 21390    | 1.40   | cps   |
| Gadolinium | 160-2 | 5731     | 5785     | 5821     | 5779     | 0.78   | cps   |
| Holmium    | 165-1 | 10156972 | 10141629 | 10309886 | 10202829 | 0.91   | cps   |
| Holmium    | 165-2 | 2050488  | 2030498  | 2040731  | 2040572  | 0.49   | cps   |
| Indium     | 115-1 | 7399464  | 7362467  | 7567638  | 7443190  | 1.47   | cps   |
| Indium     | 115-2 | 324866   | 328989   | 324909   | 326254   | 0.73   | cps   |
| Iron       | 56-2  | 20531864 | 20317805 | 20440862 | 20430177 | 0.53   | cps   |
| Iron       | 57-2  | 507791   | 507319   | 513470   | 509527   | 0.67   | cps   |
| Lead       | 206-1 | 378471   | 380299   | 380455   | 379742   | 0.29   | cps   |
| Lead       | 207-1 | 324530   | 322005   | 319238   | 321924   | 0.82   | cps   |
| Lead       | 208-1 | 1498870  | 1497621  | 1489787  | 1495426  | 0.33   | cps   |
| Lithium    | 6-1   | 1370512  | 1373069  | 1378455  | 1374012  | 0.30   | cps   |
| Magnesium  | 24-2  | 158894   | 158475   | 159307   | 158892   | 0.26   | cps   |
| Manganese  | 55-2  | 340710   | 339719   | 339619   | 340016   | 0.18   | cps   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB94089             | Operator :        | Jaswal    |
| Lab Sample ID :         | J1988-08            | Instrumnet Name : | P8        |
| Client Sample ID :      | MJHR91              | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2018-03-22 15:06:11 | DataFile Name :   | 054SMPL.d |

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|------------|-------|----------|----------|----------|----------|--------|-------|
| Molybdenum | 94-1  | 3092     | 3309     | 3101     | 3167     | 3.88   | cps   |
| Molybdenum | 95-1  | 1483     | 1383     | 1400     | 1422     | 3.77   | cps   |
| Molybdenum | 96-1  | 2325     | 2200     | 2450     | 2325     | 5.38   | cps   |
| Molybdenum | 97-1  | 775      | 792      | 808      | 792      | 2.10   | cps   |
| Molybdenum | 98-1  | 2375     | 2150     | 2317     | 2281     | 5.12   | cps   |
| Neodymium  | 150-1 | 30048    | 29821    | 30255    | 30042    | 0.72   | cps   |
| Neodymium  | 150-2 | 3954     | 4007     | 3757     | 3906     | 3.37   | cps   |
| Nickel     | 60-2  | 10381    | 10728    | 10668    | 10592    | 1.75   | cps   |
| Phosphorus | 31-2  | 783      | 558      | 767      | 703      | 17.84  | cps   |
| Potassium  | 39-2  | 32898    | 34518    | 33541    | 33652    | 2.42   | cps   |
| Rhodium    | 103-1 | 6721155  | 6736030  | 6826347  | 6761177  | 0.84   | cps   |
| Rhodium    | 103-2 | 1843634  | 1887747  | 1859998  | 1863793  | 1.20   | cps   |
| Scandium   | 45-1  | 3790314  | 3761178  | 3837259  | 3796250  | 1.01   | cps   |
| Scandium   | 45-2  | 33821    | 34820    | 33838    | 34159    | 1.68   | cps   |
| Selenium   | 77-2  | 13       | 20       | 17       | 17       | 20.01  | cps   |
| Selenium   | 78-2  | 17       | 15       | 13       | 15       | 12.52  | cps   |
| Selenium   | 82-1  | 44       | 39       | 54       | 45       | 16.47  | cps   |
| Silicon    | 28-1  | 3429874  | 3515714  | 3471714  | 3472434  | 1.24   | cps   |
| Silver     | 109-1 | 1242     | 1150     | 1150     | 1181     | 4.48   | cps   |
| Silver     | 107-1 | 1242     | 1317     | 1275     | 1278     | 2.94   | cps   |
| Sodium     | 23-2  | 13107    | 13357    | 13298    | 13254    | 0.99   | cps   |
| Strontium  | 86-1  | 249176   | 248365   | 245570   | 247704   | 0.76   | cps   |
| Strontium  | 88-1  | 2221026  | 2197345  | 2182709  | 2200360  | 0.88   | cps   |
| Sulfur     | 34-1  | 192974   | 191775   | 192813   | 192520   | 0.34   | cps   |
| Terbium    | 159-1 | 10406837 | 10461627 | 10687634 | 10518699 | 1.42   | cps   |
| Terbium    | 159-2 | 1987487  | 1997728  | 1937677  | 1974297  | 1.63   | cps   |
| Thallium   | 203-1 | 900      | 1075     | 933      | 970      | 9.59   | cps   |
| Thallium   | 205-1 | 2484     | 2409     | 2267     | 2386     | 4.61   | cps   |
| Tin        | 118-1 | 47787    | 47026    | 48188    | 47667    | 1.24   | cps   |
| Titanium   | 47-1  | 72731    | 71994    | 87085    | 77270    | 11.01  | cps   |
| Uranium    | 238-1 | 6077     | 6127     | 6360     | 6188     | 2.44   | cps   |
| Vanadium   | 51-2  | 51284    | 51213    | 51708    | 51402    | 0.52   | cps   |
| Yttrium    | 89-1  | 7861787  | 7748531  | 7864208  | 7824842  | 0.84   | cps   |
| Yttrium    | 89-2  | 250017   | 251691   | 247909   | 249872   | 0.76   | cps   |
| Zinc       | 66-2  | 34369    | 34149    | 34276    | 34265    | 0.32   | cps   |
| Zirconium  | 90-1  | 5893     | 6243     | 6093     | 6077     | 2.89   | cps   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB94089             | Operator :        | Jaswal    |
| Lab Sample ID :         | J1988-08            | Instrumnet Name : | P8        |
| Client Sample ID :      | MJHR91              | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2018-03-22 15:06:11 | DataFile Name :   | 054SMPL.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|-----------|------|------|------|------|---------|--------|-------|
| Zirconium | 91-1 | 1267 | 1442 | 1408 | 1372    | 6.77   | cps   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB94089             | Operator :        | Jaswal    |
| Lab Sample ID :         | J1988-09            | Instrumnet Name : | P8        |
| Client Sample ID :      | MJHR92              | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2018-03-22 15:09:30 | DataFile Name :   | 055SMPL.d |

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|------------|-------|----------|----------|----------|----------|--------|-------|
| Aluminium  | 27-2  | 134550   | 133734   | 132356   | 133547   | 0.83   | cps   |
| Antimony   | 121-1 | 13757    | 14258    | 14008    | 14008    | 1.79   | cps   |
| Arsenic    | 75-2  | 3964     | 3958     | 3893     | 3938     | 0.99   | cps   |
| Barium     | 135-1 | 360111   | 358134   | 355702   | 357982   | 0.62   | cps   |
| Barium     | 137-1 | 624600   | 621137   | 620043   | 621927   | 0.38   | cps   |
| Beryllium  | 9-1   | 1328     | 1328     | 1389     | 1348     | 2.62   | cps   |
| Bismuth    | 209-1 | 6897047  | 6747108  | 6875104  | 6839753  | 1.18   | cps   |
| Bismuth    | 209-2 | 1632053  | 1657759  | 1583038  | 1624283  | 2.34   | cps   |
| Boron      | 10-1  | 392      | 367      | 375      | 378      | 3.37   | cps   |
| Boron      | 11-1  | 1559     | 1483     | 1525     | 1522     | 2.47   | cps   |
| Cadmium    | 111-1 | 1480     | 1475     | 1508     | 1487     | 1.18   | cps   |
| Cadmium    | 106-1 | 1433     | 1358     | 1400     | 1397     | 2.69   | cps   |
| Cadmium    | 108-1 | 46       | 67       | 92       | 68       | 33.72  | cps   |
| Calcium    | 43-1  | 126718   | 125993   | 127684   | 126798   | 0.67   | cps   |
| Calcium    | 44-1  | 2128627  | 2116480  | 2110948  | 2118685  | 0.43   | cps   |
| Chromium   | 52-2  | 34165    | 33884    | 33848    | 33966    | 0.51   | cps   |
| Cobalt     | 59-2  | 51518    | 51401    | 51923    | 51614    | 0.53   | cps   |
| Copper     | 63-2  | 142212   | 141757   | 141771   | 141913   | 0.18   | cps   |
| Dysprosium | 156-1 | 34864    | 34137    | 33962    | 34321    | 1.39   | cps   |
| Dysprosium | 156-2 | 7669     | 7649     | 7689     | 7669     | 0.26   | cps   |
| Erbium     | 164-1 | 33043    | 33461    | 32116    | 32873    | 2.09   | cps   |
| Erbium     | 164-2 | 6245     | 6225     | 6215     | 6228     | 0.25   | cps   |
| Gadolinium | 160-1 | 35934    | 35918    | 36051    | 35967    | 0.20   | cps   |
| Gadolinium | 160-2 | 9474     | 9484     | 9280     | 9412     | 1.22   | cps   |
| Holmium    | 165-1 | 10261265 | 9979254  | 10263408 | 10167975 | 1.61   | cps   |
| Holmium    | 165-2 | 2004765  | 2061046  | 2070466  | 2045426  | 1.74   | cps   |
| Indium     | 115-1 | 7433424  | 7340384  | 7403572  | 7392460  | 0.64   | cps   |
| Indium     | 115-2 | 325173   | 327143   | 326544   | 326286   | 0.31   | cps   |
| Iron       | 56-2  | 26296391 | 26129069 | 26074819 | 26166760 | 0.44   | cps   |
| Iron       | 57-2  | 651129   | 652877   | 653378   | 652461   | 0.18   | cps   |
| Lead       | 206-1 | 151875   | 152672   | 153607   | 152718   | 0.57   | cps   |
| Lead       | 207-1 | 129925   | 129106   | 128000   | 129010   | 0.75   | cps   |
| Lead       | 208-1 | 597478   | 601762   | 600203   | 599814   | 0.36   | cps   |
| Lithium    | 6-1   | 1377948  | 1350137  | 1390444  | 1372843  | 1.50   | cps   |
| Magnesium  | 24-2  | 160301   | 158559   | 157000   | 158620   | 1.04   | cps   |
| Manganese  | 55-2  | 381889   | 380615   | 379183   | 380562   | 0.36   | cps   |



|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB94089             | Operator :        | Jaswal    |
| Lab Sample ID :         | J1988-09            | Instrumnet Name : | P8        |
| Client Sample ID :      | MJHR92              | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2018-03-22 15:09:30 | DataFile Name :   | 055SMPL.d |

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|------------|-------|----------|----------|----------|----------|--------|-------|
| Molybdenum | 94-1  | 2700     | 3009     | 2967     | 2892     | 5.79   | cps   |
| Molybdenum | 95-1  | 1642     | 1400     | 1508     | 1517     | 7.98   | cps   |
| Molybdenum | 96-1  | 2767     | 2609     | 2584     | 2653     | 3.75   | cps   |
| Molybdenum | 97-1  | 1008     | 950      | 867      | 942      | 7.56   | cps   |
| Molybdenum | 98-1  | 2409     | 2634     | 2625     | 2556     | 4.99   | cps   |
| Neodymium  | 150-1 | 48095    | 47976    | 48236    | 48102    | 0.27   | cps   |
| Neodymium  | 150-2 | 6062     | 6328     | 6295     | 6228     | 2.33   | cps   |
| Nickel     | 60-2  | 11628    | 11361    | 11268    | 11419    | 1.64   | cps   |
| Phosphorus | 31-2  | 550      | 567      | 617      | 578      | 6.00   | cps   |
| Potassium  | 39-2  | 23136    | 24021    | 23871    | 23676    | 2.00   | cps   |
| Rhodium    | 103-1 | 6865304  | 6703014  | 6837599  | 6801973  | 1.28   | cps   |
| Rhodium    | 103-2 | 1864862  | 1882882  | 1887798  | 1878514  | 0.64   | cps   |
| Scandium   | 45-1  | 3822431  | 3748970  | 3847293  | 3806231  | 1.34   | cps   |
| Scandium   | 45-2  | 34165    | 35007    | 35198    | 34790    | 1.58   | cps   |
| Selenium   | 77-2  | 37       | 37       | 23       | 32       | 23.90  | cps   |
| Selenium   | 78-2  | 26       | 13       | 20       | 20       | 32.94  | cps   |
| Selenium   | 82-1  | 36       | 54       | 34       | 42       | 26.79  | cps   |
| Silicon    | 28-1  | 3055570  | 3096065  | 3039789  | 3063808  | 0.95   | cps   |
| Silver     | 109-1 | 825      | 692      | 725      | 747      | 9.29   | cps   |
| Silver     | 107-1 | 950      | 908      | 908      | 922      | 2.61   | cps   |
| Sodium     | 23-2  | 11155    | 11714    | 11422    | 11430    | 2.45   | cps   |
| Strontium  | 86-1  | 218547   | 217817   | 218734   | 218366   | 0.22   | cps   |
| Strontium  | 88-1  | 1960254  | 1940382  | 1938834  | 1946490  | 0.61   | cps   |
| Sulfur     | 34-1  | 193041   | 190694   | 191015   | 191583   | 0.66   | cps   |
| Terbium    | 159-1 | 10550350 | 10233303 | 10563638 | 10449097 | 1.79   | cps   |
| Terbium    | 159-2 | 1966253  | 1974290  | 1988698  | 1976414  | 0.58   | cps   |
| Thallium   | 203-1 | 817      | 800      | 733      | 783      | 5.63   | cps   |
| Thallium   | 205-1 | 2192     | 2017     | 2059     | 2089     | 4.38   | cps   |
| Tin        | 118-1 | 11697    | 11672    | 11522    | 11631    | 0.81   | cps   |
| Titanium   | 47-1  | 76777    | 76886    | 77096    | 76920    | 0.21   | cps   |
| Uranium    | 238-1 | 9296     | 9112     | 9579     | 9329     | 2.52   | cps   |
| Vanadium   | 51-2  | 65934    | 65198    | 64190    | 65107    | 1.35   | cps   |
| Yttrium    | 89-1  | 8008640  | 7908052  | 7990684  | 7969126  | 0.67   | cps   |
| Yttrium    | 89-2  | 253154   | 255232   | 256210   | 254865   | 0.61   | cps   |
| Zinc       | 66-2  | 16390    | 16660    | 16333    | 16461    | 1.06   | cps   |
| Zirconium  | 90-1  | 6210     | 5835     | 5860     | 5968     | 3.51   | cps   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB94089             | Operator :        | Jaswal    |
| Lab Sample ID :         | J1988-09            | Instrumnet Name : | P8        |
| Client Sample ID :      | MJHR92              | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2018-03-22 15:09:30 | DataFile Name :   | 055SMPL.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|-----------|------|------|------|------|---------|--------|-------|
| Zirconium | 91-1 | 1525 | 1450 | 1333 | 1436    | 6.73   | cps   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB94089             | Operator :        | Jaswal    |
| Lab Sample ID :         | J1988-10            | Instrumnet Name : | P8        |
| Client Sample ID :      | MJHR93              | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2018-03-22 15:12:47 | DataFile Name :   | 056SMPL.d |

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|------------|-------|----------|----------|----------|----------|--------|-------|
| Aluminium  | 27-2  | 110049   | 106254   | 108395   | 108233   | 1.76   | cps   |
| Antimony   | 121-1 | 15576    | 16344    | 16369    | 16096    | 2.80   | cps   |
| Arsenic    | 75-2  | 4234     | 4014     | 4014     | 4087     | 3.11   | cps   |
| Barium     | 135-1 | 343051   | 349484   | 349996   | 347510   | 1.11   | cps   |
| Barium     | 137-1 | 606345   | 607497   | 604250   | 606031   | 0.27   | cps   |
| Beryllium  | 9-1   | 594      | 672      | 583      | 617      | 7.85   | cps   |
| Bismuth    | 209-1 | 6907639  | 6755273  | 6853580  | 6838831  | 1.13   | cps   |
| Bismuth    | 209-2 | 1428536  | 1629936  | 1604598  | 1554357  | 7.06   | cps   |
| Boron      | 10-1  | 408      | 325      | 300      | 344      | 16.47  | cps   |
| Boron      | 11-1  | 1525     | 1375     | 1700     | 1533     | 10.61  | cps   |
| Cadmium    | 111-1 | 1583     | 1561     | 1666     | 1603     | 3.43   | cps   |
| Cadmium    | 106-1 | 1425     | 1300     | 1392     | 1372     | 4.72   | cps   |
| Cadmium    | 108-1 | 63       | 88       | 54       | 68       | 25.49  | cps   |
| Calcium    | 43-1  | 134614   | 135751   | 136263   | 135543   | 0.62   | cps   |
| Calcium    | 44-1  | 2254662  | 2267539  | 2230368  | 2250857  | 0.84   | cps   |
| Chromium   | 52-2  | 26883    | 26479    | 26235    | 26532    | 1.23   | cps   |
| Cobalt     | 59-2  | 38082    | 37928    | 37952    | 37987    | 0.22   | cps   |
| Copper     | 63-2  | 104231   | 103009   | 102827   | 103355   | 0.74   | cps   |
| Dysprosium | 156-1 | 17062    | 16745    | 16311    | 16706    | 2.26   | cps   |
| Dysprosium | 156-2 | 3584     | 3431     | 3457     | 3491     | 2.35   | cps   |
| Erbium     | 164-1 | 13958    | 14509    | 14200    | 14222    | 1.94   | cps   |
| Erbium     | 164-2 | 2574     | 2550     | 2570     | 2565     | 0.49   | cps   |
| Gadolinium | 160-1 | 16453    | 16352    | 16428    | 16411    | 0.32   | cps   |
| Gadolinium | 160-2 | 4197     | 4314     | 4311     | 4274     | 1.55   | cps   |
| Holmium    | 165-1 | 10245279 | 10114854 | 10049582 | 10136572 | 0.98   | cps   |
| Holmium    | 165-2 | 1832669  | 2027949  | 2052089  | 1970902  | 6.10   | cps   |
| Indium     | 115-1 | 7534507  | 7326447  | 7448815  | 7436589  | 1.41   | cps   |
| Indium     | 115-2 | 296246   | 320518   | 324662   | 313808   | 4.89   | cps   |
| Iron       | 56-2  | 21733237 | 21726788 | 21833247 | 21764424 | 0.27   | cps   |
| Iron       | 57-2  | 543234   | 537907   | 537429   | 539523   | 0.60   | cps   |
| Lead       | 206-1 | 229311   | 230347   | 231240   | 230299   | 0.42   | cps   |
| Lead       | 207-1 | 191517   | 193182   | 191630   | 192109   | 0.48   | cps   |
| Lead       | 208-1 | 886908   | 900550   | 899609   | 895689   | 0.85   | cps   |
| Lithium    | 6-1   | 1382418  | 1385798  | 1382120  | 1383445  | 0.15   | cps   |
| Magnesium  | 24-2  | 235542   | 233098   | 234550   | 234397   | 0.52   | cps   |
| Manganese  | 55-2  | 291510   | 290050   | 289963   | 290508   | 0.30   | cps   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB94089             | Operator :        | Jaswal    |
| Lab Sample ID :         | J1988-10            | Instrumnet Name : | P8        |
| Client Sample ID :      | MJHR93              | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2018-03-22 15:12:47 | DataFile Name :   | 056SMPL.d |

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|------------|-------|----------|----------|----------|----------|--------|-------|
| Molybdenum | 94-1  | 2592     | 2800     | 2467     | 2620     | 6.43   | cps   |
| Molybdenum | 95-1  | 1208     | 1292     | 1358     | 1286     | 5.84   | cps   |
| Molybdenum | 96-1  | 2234     | 1959     | 2334     | 2175     | 8.93   | cps   |
| Molybdenum | 97-1  | 750      | 825      | 717      | 764      | 7.26   | cps   |
| Molybdenum | 98-1  | 2025     | 2150     | 2300     | 2159     | 6.38   | cps   |
| Neodymium  | 150-1 | 24964    | 25191    | 24296    | 24817    | 1.87   | cps   |
| Neodymium  | 150-2 | 3210     | 3104     | 3290     | 3202     | 2.93   | cps   |
| Nickel     | 60-2  | 9800     | 9200     | 9517     | 9506     | 3.16   | cps   |
| Phosphorus | 31-2  | 558      | 342      | 358      | 419      | 28.75  | cps   |
| Potassium  | 39-2  | 19665    | 20140    | 19439    | 19748    | 1.81   | cps   |
| Rhodium    | 103-1 | 6778833  | 6704316  | 6754140  | 6745763  | 0.56   | cps   |
| Rhodium    | 103-2 | 1708577  | 1871547  | 1890851  | 1823658  | 5.49   | cps   |
| Scandium   | 45-1  | 3854472  | 3765813  | 3815344  | 3811876  | 1.17   | cps   |
| Scandium   | 45-2  | 31556    | 34132    | 34636    | 33441    | 4.94   | cps   |
| Selenium   | 77-2  | 10       | 7        | 10       | 9        | 21.63  | cps   |
| Selenium   | 78-2  | 6        | 11       | 9        | 9        | 32.69  | cps   |
| Selenium   | 82-1  | -4       | -1       | 63       | 19       | 193.83 | cps   |
| Silicon    | 28-1  | 2972785  | 3009468  | 2967544  | 2983266  | 0.77   | cps   |
| Silver     | 109-1 | 908      | 950      | 858      | 906      | 5.07   | cps   |
| Silver     | 107-1 | 858      | 1092     | 925      | 958      | 12.54  | cps   |
| Sodium     | 23-2  | 33908    | 33248    | 32546    | 33234    | 2.05   | cps   |
| Strontium  | 86-1  | 168048   | 171255   | 170630   | 169978   | 1.00   | cps   |
| Strontium  | 88-1  | 1540912  | 1525953  | 1532109  | 1532991  | 0.49   | cps   |
| Sulfur     | 34-1  | 193251   | 193203   | 190710   | 192388   | 0.76   | cps   |
| Terbium    | 159-1 | 10517639 | 10433849 | 10420869 | 10457452 | 0.50   | cps   |
| Terbium    | 159-2 | 1780478  | 1937115  | 1960874  | 1892822  | 5.18   | cps   |
| Thallium   | 203-1 | 683      | 692      | 683      | 686      | 0.70   | cps   |
| Thallium   | 205-1 | 1709     | 1408     | 1575     | 1564     | 9.61   | cps   |
| Tin        | 118-1 | 6744     | 6919     | 6669     | 6777     | 1.89   | cps   |
| Titanium   | 47-1  | 88068    | 87834    | 86861    | 87587    | 0.73   | cps   |
| Uranium    | 238-1 | 6310     | 6352     | 6419     | 6360     | 0.86   | cps   |
| Vanadium   | 51-2  | 50859    | 49718    | 50497    | 50358    | 1.16   | cps   |
| Yttrium    | 89-1  | 7866242  | 7644766  | 7660969  | 7723992  | 1.60   | cps   |
| Yttrium    | 89-2  | 225113   | 247936   | 248640   | 240563   | 5.56   | cps   |
| Zinc       | 66-2  | 18676    | 18926    | 18436    | 18679    | 1.31   | cps   |
| Zirconium  | 90-1  | 5051     | 5326     | 5318     | 5232     | 2.99   | cps   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB94089             | Operator :        | Jaswal    |
| Lab Sample ID :         | J1988-10            | Instrumnet Name : | P8        |
| Client Sample ID :      | MJHR93              | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2018-03-22 15:12:47 | DataFile Name :   | 056SMPL.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|-----------|------|------|------|------|---------|--------|-------|
| Zirconium | 91-1 | 1050 | 1142 | 1233 | 1142    | 8.03   | cps   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB94089             | Operator :        | Jaswal    |
| Lab Sample ID :         | J1988-11            | Instrumnet Name : | P8        |
| Client Sample ID :      | MJHR94              | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2018-03-22 15:16:07 | DataFile Name :   | 057SMPL.d |

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|------------|-------|----------|----------|----------|----------|--------|-------|
| Aluminium  | 27-2  | 98868    | 96763    | 96738    | 97456    | 1.25   | cps   |
| Antimony   | 121-1 | 14016    | 13774    | 13799    | 13863    | 0.96   | cps   |
| Arsenic    | 75-2  | 4391     | 4262     | 4510     | 4388     | 2.83   | cps   |
| Barium     | 135-1 | 398541   | 389836   | 397101   | 395159   | 1.18   | cps   |
| Barium     | 137-1 | 682546   | 684957   | 687954   | 685153   | 0.40   | cps   |
| Beryllium  | 9-1   | 878      | 883      | 1039     | 933      | 9.80   | cps   |
| Bismuth    | 209-1 | 7028456  | 6875183  | 6697325  | 6866988  | 2.41   | cps   |
| Bismuth    | 209-2 | 1593703  | 1576063  | 1598689  | 1589485  | 0.75   | cps   |
| Boron      | 10-1  | 267      | 375      | 375      | 339      | 18.46  | cps   |
| Boron      | 11-1  | 1458     | 1709     | 1300     | 1489     | 13.83  | cps   |
| Cadmium    | 111-1 | 1717     | 1720     | 1568     | 1668     | 5.21   | cps   |
| Cadmium    | 106-1 | 1225     | 1292     | 1200     | 1239     | 3.83   | cps   |
| Cadmium    | 108-1 | 88       | 67       | 121      | 92       | 29.81  | cps   |
| Calcium    | 43-1  | 101600   | 103127   | 100331   | 101686   | 1.38   | cps   |
| Calcium    | 44-1  | 1688829  | 1680097  | 1706365  | 1691764  | 0.79   | cps   |
| Chromium   | 52-2  | 27908    | 28045    | 27744    | 27899    | 0.54   | cps   |
| Cobalt     | 59-2  | 49759    | 48896    | 48287    | 48980    | 1.51   | cps   |
| Copper     | 63-2  | 113562   | 112941   | 112269   | 112924   | 0.57   | cps   |
| Dysprosium | 156-1 | 14750    | 14901    | 14651    | 14767    | 0.85   | cps   |
| Dysprosium | 156-2 | 3047     | 3030     | 2880     | 2986     | 3.07   | cps   |
| Erbium     | 164-1 | 13992    | 14592    | 13649    | 14078    | 3.39   | cps   |
| Erbium     | 164-2 | 2587     | 2660     | 2544     | 2597     | 2.27   | cps   |
| Gadolinium | 160-1 | 14409    | 14283    | 13958    | 14217    | 1.64   | cps   |
| Gadolinium | 160-2 | 3934     | 3814     | 3677     | 3808     | 3.37   | cps   |
| Holmium    | 165-1 | 10281622 | 10130433 | 9854582  | 10088879 | 2.15   | cps   |
| Holmium    | 165-2 | 1995122  | 1997099  | 2026225  | 2006149  | 0.87   | cps   |
| Indium     | 115-1 | 7613604  | 7453996  | 7321085  | 7462895  | 1.96   | cps   |
| Indium     | 115-2 | 321549   | 322037   | 325347   | 322978   | 0.64   | cps   |
| Iron       | 56-2  | 32315533 | 32309802 | 32561561 | 32395632 | 0.44   | cps   |
| Iron       | 57-2  | 803042   | 802197   | 800270   | 801836   | 0.18   | cps   |
| Lead       | 206-1 | 225333   | 225587   | 223478   | 224799   | 0.51   | cps   |
| Lead       | 207-1 | 188394   | 190362   | 189537   | 189431   | 0.52   | cps   |
| Lead       | 208-1 | 885269   | 878183   | 877836   | 880429   | 0.48   | cps   |
| Lithium    | 6-1   | 1383108  | 1420656  | 1362886  | 1388883  | 2.11   | cps   |
| Magnesium  | 24-2  | 128434   | 127013   | 128333   | 127927   | 0.62   | cps   |
| Manganese  | 55-2  | 431743   | 430638   | 431698   | 431360   | 0.14   | cps   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB94089             | Operator :        | Jaswal    |
| Lab Sample ID :         | J1988-11            | Instrumnet Name : | P8        |
| Client Sample ID :      | MJHR94              | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2018-03-22 15:16:07 | DataFile Name :   | 057SMPL.d |

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|------------|-------|----------|----------|----------|----------|--------|-------|
| Molybdenum | 94-1  | 3695     | 2959     | 2859     | 3171     | 14.40  | cps   |
| Molybdenum | 95-1  | 1342     | 1617     | 1659     | 1539     | 11.18  | cps   |
| Molybdenum | 96-1  | 2625     | 2667     | 2517     | 2603     | 2.98   | cps   |
| Molybdenum | 97-1  | 842      | 933      | 775      | 850      | 9.35   | cps   |
| Molybdenum | 98-1  | 1917     | 2175     | 2250     | 2114     | 8.27   | cps   |
| Neodymium  | 150-1 | 19375    | 19756    | 19108    | 19413    | 1.68   | cps   |
| Neodymium  | 150-2 | 2667     | 2584     | 2454     | 2568     | 4.19   | cps   |
| Nickel     | 60-2  | 11331    | 11518    | 11228    | 11359    | 1.29   | cps   |
| Phosphorus | 31-2  | 467      | 333      | 592      | 464      | 27.85  | cps   |
| Potassium  | 39-2  | 21584    | 21500    | 20190    | 21091    | 3.71   | cps   |
| Rhodium    | 103-1 | 6876007  | 6743955  | 6636016  | 6751993  | 1.78   | cps   |
| Rhodium    | 103-2 | 1851120  | 1865917  | 1864247  | 1860428  | 0.44   | cps   |
| Scandium   | 45-1  | 3918017  | 3846336  | 3715594  | 3826649  | 2.68   | cps   |
| Scandium   | 45-2  | 33727    | 35117    | 34937    | 34594    | 2.18   | cps   |
| Selenium   | 77-2  | 37       | 7        | 10       | 18       | 92.48  | cps   |
| Selenium   | 78-2  | 9        | 6        | 19       | 11       | 60.07  | cps   |
| Selenium   | 82-1  | 16       | -21      | 47       | 14       | 243.46 | cps   |
| Silicon    | 28-1  | 3537505  | 3495143  | 3555687  | 3529445  | 0.88   | cps   |
| Silver     | 109-1 | 1058     | 917      | 1008     | 995      | 7.22   | cps   |
| Silver     | 107-1 | 1008     | 942      | 1208     | 1053     | 13.18  | cps   |
| Sodium     | 23-2  | 14958    | 15576    | 15726    | 15420    | 2.64   | cps   |
| Strontium  | 86-1  | 137359   | 136299   | 138555   | 137404   | 0.82   | cps   |
| Strontium  | 88-1  | 1196772  | 1206900  | 1205635  | 1203102  | 0.46   | cps   |
| Sulfur     | 34-1  | 193311   | 195863   | 193779   | 194318   | 0.70   | cps   |
| Terbium    | 159-1 | 10661461 | 10383290 | 10323929 | 10456226 | 1.72   | cps   |
| Terbium    | 159-2 | 1938002  | 1977520  | 1977777  | 1964433  | 1.17   | cps   |
| Thallium   | 203-1 | 658      | 525      | 733      | 639      | 16.52  | cps   |
| Thallium   | 205-1 | 1717     | 1667     | 1525     | 1636     | 6.08   | cps   |
| Tin        | 118-1 | 7136     | 6902     | 6694     | 6910     | 3.20   | cps   |
| Titanium   | 47-1  | 90761    | 89728    | 89787    | 90092    | 0.64   | cps   |
| Uranium    | 238-1 | 6852     | 7077     | 6310     | 6747     | 5.84   | cps   |
| Vanadium   | 51-2  | 53997    | 54335    | 54532    | 54288    | 0.50   | cps   |
| Yttrium    | 89-1  | 7807871  | 7714576  | 7622036  | 7714827  | 1.20   | cps   |
| Yttrium    | 89-2  | 244538   | 246682   | 246521   | 245914   | 0.49   | cps   |
| Zinc       | 66-2  | 24923    | 25013    | 25424    | 25120    | 1.06   | cps   |
| Zirconium  | 90-1  | 5852     | 5768     | 5877     | 5832     | 0.97   | cps   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB94089             | Operator :        | Jaswal    |
| Lab Sample ID :         | J1988-11            | Instrumnet Name : | P8        |
| Client Sample ID :      | MJHR94              | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2018-03-22 15:16:07 | DataFile Name :   | 057SMPL.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|-----------|------|------|------|------|---------|--------|-------|
| Zirconium | 91-1 | 1333 | 1250 | 1333 | 1306    | 3.68   | cps   |



|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB94089             | Operator :        | Jaswal    |
| Lab Sample ID :         | J1988-12            | Instrumnet Name : | P8        |
| Client Sample ID :      | MJHR95              | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2018-03-22 15:19:27 | DataFile Name :   | 058SMPL.d |

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|------------|-------|----------|----------|----------|----------|--------|-------|
| Aluminium  | 27-2  | 106918   | 107849   | 108145   | 107637   | 0.60   | cps   |
| Antimony   | 121-1 | 13132    | 12657    | 13374    | 13054    | 2.80   | cps   |
| Arsenic    | 75-2  | 4458     | 4610     | 4584     | 4551     | 1.79   | cps   |
| Barium     | 135-1 | 286107   | 283979   | 285288   | 285124   | 0.38   | cps   |
| Barium     | 137-1 | 499804   | 498490   | 501338   | 499877   | 0.29   | cps   |
| Beryllium  | 9-1   | 644      | 750      | 722      | 706      | 7.76   | cps   |
| Bismuth    | 209-1 | 7017332  | 6772181  | 6741552  | 6843688  | 2.21   | cps   |
| Bismuth    | 209-2 | 1438545  | 1614100  | 1683097  | 1578581  | 7.99   | cps   |
| Boron      | 10-1  | 183      | 267      | 317      | 256      | 26.36  | cps   |
| Boron      | 11-1  | 1342     | 1383     | 1667     | 1464     | 12.08  | cps   |
| Cadmium    | 111-1 | 2038     | 1741     | 1917     | 1899     | 7.85   | cps   |
| Cadmium    | 106-1 | 1375     | 1325     | 1333     | 1345     | 1.99   | cps   |
| Cadmium    | 108-1 | 125      | 88       | 83       | 99       | 23.27  | cps   |
| Calcium    | 43-1  | 114574   | 114036   | 113800   | 114137   | 0.35   | cps   |
| Calcium    | 44-1  | 1907968  | 1885706  | 1886486  | 1893387  | 0.67   | cps   |
| Chromium   | 52-2  | 30964    | 30744    | 30440    | 30716    | 0.86   | cps   |
| Cobalt     | 59-2  | 41799    | 41381    | 41766    | 41649    | 0.56   | cps   |
| Copper     | 63-2  | 132417   | 130533   | 131037   | 131329   | 0.74   | cps   |
| Dysprosium | 156-1 | 21777    | 20834    | 21293    | 21301    | 2.21   | cps   |
| Dysprosium | 156-2 | 4418     | 4624     | 4444     | 4495     | 2.50   | cps   |
| Erbium     | 164-1 | 19607    | 19499    | 19290    | 19465    | 0.83   | cps   |
| Erbium     | 164-2 | 3841     | 3544     | 3571     | 3652     | 4.50   | cps   |
| Gadolinium | 160-1 | 20951    | 21686    | 21302    | 21313    | 1.72   | cps   |
| Gadolinium | 160-2 | 5711     | 5795     | 5221     | 5576     | 5.56   | cps   |
| Holmium    | 165-1 | 10306137 | 10088968 | 9940725  | 10111943 | 1.82   | cps   |
| Holmium    | 165-2 | 1861902  | 2041552  | 2091807  | 1998421  | 6.05   | cps   |
| Indium     | 115-1 | 7637216  | 7453684  | 7263341  | 7451414  | 2.51   | cps   |
| Indium     | 115-2 | 296622   | 323524   | 331291   | 317146   | 5.74   | cps   |
| Iron       | 56-2  | 22076640 | 22169060 | 22139850 | 22128517 | 0.21   | cps   |
| Iron       | 57-2  | 551935   | 549118   | 550511   | 550521   | 0.26   | cps   |
| Lead       | 206-1 | 205961   | 210245   | 211312   | 209173   | 1.35   | cps   |
| Lead       | 207-1 | 169083   | 170519   | 170457   | 170019   | 0.48   | cps   |
| Lead       | 208-1 | 796708   | 803508   | 805558   | 801925   | 0.58   | cps   |
| Lithium    | 6-1   | 1393248  | 1387416  | 1375533  | 1385399  | 0.65   | cps   |
| Magnesium  | 24-2  | 180305   | 182017   | 175402   | 179241   | 1.92   | cps   |
| Manganese  | 55-2  | 312611   | 309582   | 312306   | 311500   | 0.54   | cps   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB94089             | Operator :        | Jaswal    |
| Lab Sample ID :         | J1988-12            | Instrumnet Name : | P8        |
| Client Sample ID :      | MJHR95              | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2018-03-22 15:19:27 | DataFile Name :   | 058SMPL.d |

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|------------|-------|----------|----------|----------|----------|--------|-------|
| Molybdenum | 94-1  | 3667     | 3159     | 3451     | 3426     | 7.45   | cps   |
| Molybdenum | 95-1  | 2209     | 2550     | 2484     | 2414     | 7.50   | cps   |
| Molybdenum | 96-1  | 2909     | 3192     | 3234     | 3112     | 5.68   | cps   |
| Molybdenum | 97-1  | 1250     | 1283     | 1400     | 1311     | 6.01   | cps   |
| Molybdenum | 98-1  | 3501     | 3476     | 3284     | 3420     | 3.47   | cps   |
| Neodymium  | 150-1 | 30102    | 30636    | 30503    | 30414    | 0.91   | cps   |
| Neodymium  | 150-2 | 3971     | 4294     | 3967     | 4077     | 4.60   | cps   |
| Nickel     | 60-2  | 9253     | 9177     | 8529     | 8986     | 4.42   | cps   |
| Phosphorus | 31-2  | 467      | 350      | 400      | 406      | 14.43  | cps   |
| Potassium  | 39-2  | 13257    | 13665    | 13365    | 13429    | 1.58   | cps   |
| Rhodium    | 103-1 | 6893222  | 6830559  | 6606297  | 6776693  | 2.23   | cps   |
| Rhodium    | 103-2 | 1700408  | 1855866  | 1918605  | 1824959  | 6.16   | cps   |
| Scandium   | 45-1  | 3902072  | 3880912  | 3811079  | 3864688  | 1.23   | cps   |
| Scandium   | 45-2  | 31409    | 33971    | 34900    | 33427    | 5.41   | cps   |
| Selenium   | 77-2  | 27       | 20       | 30       | 26       | 19.92  | cps   |
| Selenium   | 78-2  | 7        | 13       | 9        | 10       | 28.61  | cps   |
| Selenium   | 82-1  | -34      | 89       | -17      | 13       | 527.28 | cps   |
| Silicon    | 28-1  | 3322603  | 3285984  | 3295167  | 3301251  | 0.58   | cps   |
| Silver     | 109-1 | 675      | 808      | 717      | 733      | 9.30   | cps   |
| Silver     | 107-1 | 875      | 800      | 725      | 800      | 9.37   | cps   |
| Sodium     | 23-2  | 19456    | 19923    | 19773    | 19717    | 1.21   | cps   |
| Strontium  | 86-1  | 132497   | 133083   | 133993   | 133191   | 0.57   | cps   |
| Strontium  | 88-1  | 1161052  | 1166539  | 1173728  | 1167106  | 0.54   | cps   |
| Sulfur     | 34-1  | 196472   | 193006   | 192974   | 194151   | 1.04   | cps   |
| Terbium    | 159-1 | 10616111 | 10510677 | 10235344 | 10454044 | 1.88   | cps   |
| Terbium    | 159-2 | 1794370  | 1969527  | 1998336  | 1920744  | 5.75   | cps   |
| Thallium   | 203-1 | 783      | 675      | 700      | 720      | 7.89   | cps   |
| Thallium   | 205-1 | 1625     | 2025     | 1842     | 1831     | 10.94  | cps   |
| Tin        | 118-1 | 5560     | 5510     | 5902     | 5657     | 3.77   | cps   |
| Titanium   | 47-1  | 125718   | 128231   | 127971   | 127307   | 1.09   | cps   |
| Uranium    | 238-1 | 6902     | 6335     | 6669     | 6635     | 4.29   | cps   |
| Vanadium   | 51-2  | 57441    | 57775    | 58184    | 57800    | 0.64   | cps   |
| Yttrium    | 89-1  | 7991178  | 7853865  | 7675506  | 7840183  | 2.02   | cps   |
| Yttrium    | 89-2  | 229224   | 247834   | 253992   | 243683   | 5.29   | cps   |
| Zinc       | 66-2  | 12062    | 11498    | 12179    | 11913    | 3.06   | cps   |
| Zirconium  | 90-1  | 6335     | 6160     | 6043     | 6179     | 2.38   | cps   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB94089             | Operator :        | Jaswal    |
| Lab Sample ID :         | J1988-12            | Instrumnet Name : | P8        |
| Client Sample ID :      | MJHR95              | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2018-03-22 15:19:27 | DataFile Name :   | 058SMPL.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|-----------|------|------|------|------|---------|--------|-------|
| Zirconium | 91-1 | 1550 | 1300 | 1433 | 1428    | 8.76   | cps   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB94089             | Operator :        | Jaswal    |
| Lab Sample ID :         | J1988-13            | Instrumnet Name : | P8        |
| Client Sample ID :      | MJHR96              | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2018-03-22 15:22:46 | DataFile Name :   | 059SMPL.d |

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|------------|-------|----------|----------|----------|----------|--------|-------|
| Aluminium  | 27-2  | 177067   | 176838   | 174325   | 176077   | 0.86   | cps   |
| Antimony   | 121-1 | 79117    | 80123    | 78816    | 79352    | 0.86   | cps   |
| Arsenic    | 75-2  | 8582     | 8612     | 8664     | 8619     | 0.48   | cps   |
| Barium     | 135-1 | 269329   | 276411   | 275437   | 273726   | 1.40   | cps   |
| Barium     | 137-1 | 469459   | 470849   | 476597   | 472302   | 0.80   | cps   |
| Beryllium  | 9-1   | 750      | 700      | 622      | 691      | 9.32   | cps   |
| Bismuth    | 209-1 | 6971121  | 7017921  | 6857051  | 6948698  | 1.19   | cps   |
| Bismuth    | 209-2 | 1596588  | 1662654  | 1657332  | 1638858  | 2.24   | cps   |
| Boron      | 10-1  | 533      | 467      | 475      | 492      | 7.39   | cps   |
| Boron      | 11-1  | 2309     | 2425     | 2259     | 2331     | 3.67   | cps   |
| Cadmium    | 111-1 | 2382     | 2562     | 2446     | 2463     | 3.71   | cps   |
| Cadmium    | 106-1 | 1567     | 1442     | 1517     | 1508     | 4.17   | cps   |
| Cadmium    | 108-1 | 158      | 92       | 196      | 149      | 35.50  | cps   |
| Calcium    | 43-1  | 116094   | 115875   | 116657   | 116208   | 0.35   | cps   |
| Calcium    | 44-1  | 1935695  | 1934293  | 1957126  | 1942372  | 0.66   | cps   |
| Chromium   | 52-2  | 42250    | 42140    | 42391    | 42260    | 0.30   | cps   |
| Cobalt     | 59-2  | 50776    | 50327    | 49722    | 50275    | 1.05   | cps   |
| Copper     | 63-2  | 156372   | 155833   | 155118   | 155774   | 0.40   | cps   |
| Dysprosium | 156-1 | 22437    | 23556    | 23338    | 23110    | 2.57   | cps   |
| Dysprosium | 156-2 | 4968     | 4878     | 4928     | 4924     | 0.92   | cps   |
| Erbium     | 164-1 | 19465    | 20467    | 20534    | 20155    | 2.97   | cps   |
| Erbium     | 164-2 | 3941     | 3547     | 3854     | 3781     | 5.47   | cps   |
| Gadolinium | 160-1 | 23013    | 23664    | 23146    | 23274    | 1.48   | cps   |
| Gadolinium | 160-2 | 6225     | 6062     | 6235     | 6174     | 1.58   | cps   |
| Holmium    | 165-1 | 10279511 | 10190690 | 10108190 | 10192797 | 0.84   | cps   |
| Holmium    | 165-2 | 2045562  | 2050290  | 2071337  | 2055730  | 0.67   | cps   |
| Indium     | 115-1 | 7558427  | 7582251  | 7371137  | 7503938  | 1.54   | cps   |
| Indium     | 115-2 | 323434   | 327679   | 328987   | 326700   | 0.89   | cps   |
| Iron       | 56-2  | 22366301 | 22021163 | 22119697 | 22169054 | 0.80   | cps   |
| Iron       | 57-2  | 553233   | 547702   | 545457   | 548797   | 0.73   | cps   |
| Lead       | 206-1 | 719613   | 732769   | 733734   | 728705   | 1.08   | cps   |
| Lead       | 207-1 | 608172   | 614777   | 611149   | 611366   | 0.54   | cps   |
| Lead       | 208-1 | 2830030  | 2860254  | 2858605  | 2849630  | 0.60   | cps   |
| Lithium    | 6-1   | 1372061  | 1402804  | 1353874  | 1376246  | 1.80   | cps   |
| Magnesium  | 24-2  | 141491   | 136844   | 138031   | 138789   | 1.74   | cps   |
| Manganese  | 55-2  | 378969   | 376784   | 376033   | 377262   | 0.40   | cps   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB94089             | Operator :        | Jaswal    |
| Lab Sample ID :         | J1988-13            | Instrumnet Name : | P8        |
| Client Sample ID :      | MJHR96              | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2018-03-22 15:22:46 | DataFile Name :   | 059SMPL.d |

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD   | Units |
|------------|-------|----------|----------|----------|----------|----------|-------|
| Molybdenum | 94-1  | 3976     | 4176     | 3659     | 3937     | 6.62     | cps   |
| Molybdenum | 95-1  | 1625     | 1667     | 1725     | 1672     | 3.00     | cps   |
| Molybdenum | 96-1  | 2659     | 2684     | 2767     | 2703     | 2.10     | cps   |
| Molybdenum | 97-1  | 867      | 1000     | 958      | 942      | 7.24     | cps   |
| Molybdenum | 98-1  | 2584     | 2617     | 2509     | 2570     | 2.16     | cps   |
| Neodymium  | 150-1 | 32882    | 31285    | 31619    | 31928    | 2.64     | cps   |
| Neodymium  | 150-2 | 3911     | 3964     | 3961     | 3945     | 0.76     | cps   |
| Nickel     | 60-2  | 15512    | 15419    | 15499    | 15477    | 0.33     | cps   |
| Phosphorus | 31-2  | 575      | 633      | 608      | 606      | 4.83     | cps   |
| Potassium  | 39-2  | 15893    | 15860    | 16176    | 15976    | 1.09     | cps   |
| Rhodium    | 103-1 | 6949517  | 6841028  | 6718896  | 6836480  | 1.69     | cps   |
| Rhodium    | 103-2 | 1840655  | 1891848  | 1915689  | 1882731  | 2.04     | cps   |
| Scandium   | 45-1  | 3849476  | 3913642  | 3812640  | 3858586  | 1.32     | cps   |
| Scandium   | 45-2  | 34519    | 34964    | 34402    | 34628    | 0.86     | cps   |
| Selenium   | 77-2  | 13       | 27       | 30       | 23       | 37.81    | cps   |
| Selenium   | 78-2  | 2        | 22       | 11       | 12       | 86.97    | cps   |
| Selenium   | 82-1  | -29      | 27       | 0        | -1       | -4524.46 | cps   |
| Silicon    | 28-1  | 4686107  | 4721192  | 4700680  | 4702659  | 0.37     | cps   |
| Silver     | 109-1 | 2384     | 2392     | 2350     | 2375     | 0.93     | cps   |
| Silver     | 107-1 | 2384     | 2384     | 2425     | 2398     | 1.00     | cps   |
| Sodium     | 23-2  | 16085    | 15417    | 16085    | 15862    | 2.43     | cps   |
| Strontium  | 86-1  | 196334   | 199039   | 195681   | 197018   | 0.90     | cps   |
| Strontium  | 88-1  | 1743014  | 1767852  | 1755553  | 1755473  | 0.71     | cps   |
| Sulfur     | 34-1  | 198712   | 200070   | 198459   | 199080   | 0.44     | cps   |
| Terbium    | 159-1 | 10683073 | 10539167 | 10451964 | 10558068 | 1.11     | cps   |
| Terbium    | 159-2 | 1962253  | 1995827  | 2016059  | 1991379  | 1.36     | cps   |
| Thallium   | 203-1 | 1508     | 1875     | 1717     | 1700     | 10.82    | cps   |
| Thallium   | 205-1 | 4159     | 4134     | 3901     | 4065     | 3.51     | cps   |
| Tin        | 118-1 | 18805    | 18155    | 18013    | 18324    | 2.31     | cps   |
| Titanium   | 47-1  | 86550    | 86668    | 88587    | 87269    | 1.31     | cps   |
| Uranium    | 238-1 | 5885     | 5643     | 5777     | 5768     | 2.10     | cps   |
| Vanadium   | 51-2  | 60249    | 60149    | 59014    | 59804    | 1.15     | cps   |
| Yttrium    | 89-1  | 7869806  | 7787552  | 7767252  | 7808203  | 0.70     | cps   |
| Yttrium    | 89-2  | 249360   | 252482   | 251910   | 251251   | 0.66     | cps   |
| Zinc       | 66-2  | 40081    | 40974    | 41205    | 40753    | 1.46     | cps   |
| Zirconium  | 90-1  | 8328     | 8211     | 8136     | 8225     | 1.17     | cps   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB94089             | Operator :        | Jaswal    |
| Lab Sample ID :         | J1988-13            | Instrumnet Name : | P8        |
| Client Sample ID :      | MJHR96              | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2018-03-22 15:22:46 | DataFile Name :   | 059SMPL.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|-----------|------|------|------|------|---------|--------|-------|
| Zirconium | 91-1 | 1825 | 2042 | 1709 | 1859    | 9.10   | cps   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB94089             | Operator :        | Jaswal    |
| Lab Sample ID :         | J1988-14            | Instrumnet Name : | P8        |
| Client Sample ID :      | MJHR97              | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2018-03-22 15:26:06 | DataFile Name :   | 060SMPL.d |

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|------------|-------|----------|----------|----------|----------|--------|-------|
| Aluminium  | 27-2  | 135853   | 133262   | 136012   | 135042   | 1.14   | cps   |
| Antimony   | 121-1 | 15626    | 16035    | 16377    | 16013    | 2.35   | cps   |
| Arsenic    | 75-2  | 4597     | 4645     | 4523     | 4588     | 1.34   | cps   |
| Barium     | 135-1 | 436444   | 436386   | 441780   | 438203   | 0.71   | cps   |
| Barium     | 137-1 | 765694   | 760199   | 768756   | 764883   | 0.57   | cps   |
| Beryllium  | 9-1   | 683      | 750      | 706      | 713      | 4.76   | cps   |
| Bismuth    | 209-1 | 7058462  | 7032629  | 6799171  | 6963421  | 2.05   | cps   |
| Bismuth    | 209-2 | 1644535  | 1639399  | 1700162  | 1661366  | 2.03   | cps   |
| Boron      | 10-1  | 325      | 342      | 283      | 317      | 9.49   | cps   |
| Boron      | 11-1  | 1242     | 1317     | 1350     | 1303     | 4.26   | cps   |
| Cadmium    | 111-1 | 1236     | 1456     | 1168     | 1287     | 11.70  | cps   |
| Cadmium    | 106-1 | 1100     | 1333     | 1208     | 1214     | 9.62   | cps   |
| Cadmium    | 108-1 | 67       | 63       | 75       | 68       | 9.35   | cps   |
| Calcium    | 43-1  | 132815   | 131670   | 131023   | 131836   | 0.69   | cps   |
| Calcium    | 44-1  | 2199099  | 2203212  | 2191309  | 2197873  | 0.28   | cps   |
| Chromium   | 52-2  | 44708    | 44685    | 44534    | 44642    | 0.21   | cps   |
| Cobalt     | 59-2  | 43752    | 44083    | 43548    | 43794    | 0.62   | cps   |
| Copper     | 63-2  | 122258   | 121912   | 122618   | 122262   | 0.29   | cps   |
| Dysprosium | 156-1 | 23681    | 24282    | 23748    | 23903    | 1.38   | cps   |
| Dysprosium | 156-2 | 5401     | 5248     | 4754     | 5134     | 6.58   | cps   |
| Erbium     | 164-1 | 20459    | 21035    | 20617    | 20703    | 1.44   | cps   |
| Erbium     | 164-2 | 3894     | 3771     | 4061     | 3908     | 3.72   | cps   |
| Gadolinium | 160-1 | 23230    | 23714    | 22379    | 23107    | 2.93   | cps   |
| Gadolinium | 160-2 | 6202     | 6315     | 6162     | 6226     | 1.28   | cps   |
| Holmium    | 165-1 | 10377612 | 10317601 | 10052433 | 10249215 | 1.69   | cps   |
| Holmium    | 165-2 | 2074148  | 2061835  | 2134679  | 2090221  | 1.87   | cps   |
| Indium     | 115-1 | 7649504  | 7621423  | 7455983  | 7575637  | 1.38   | cps   |
| Indium     | 115-2 | 330430   | 326454   | 337835   | 331573   | 1.74   | cps   |
| Iron       | 56-2  | 22053525 | 21735355 | 21722150 | 21837010 | 0.86   | cps   |
| Iron       | 57-2  | 540574   | 542248   | 537925   | 540249   | 0.40   | cps   |
| Lead       | 206-1 | 232078   | 233306   | 233933   | 233106   | 0.40   | cps   |
| Lead       | 207-1 | 194270   | 194277   | 195676   | 194741   | 0.42   | cps   |
| Lead       | 208-1 | 906605   | 905453   | 915093   | 909050   | 0.58   | cps   |
| Lithium    | 6-1   | 1404065  | 1390846  | 1392640  | 1395850  | 0.51   | cps   |
| Magnesium  | 24-2  | 235772   | 233950   | 234511   | 234744   | 0.40   | cps   |
| Manganese  | 55-2  | 299511   | 297098   | 296379   | 297662   | 0.55   | cps   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB94089             | Operator :        | Jaswal    |
| Lab Sample ID :         | J1988-14            | Instrumnet Name : | P8        |
| Client Sample ID :      | MJHR97              | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2018-03-22 15:26:06 | DataFile Name :   | 060SMPL.d |

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|------------|-------|----------|----------|----------|----------|--------|-------|
| Molybdenum | 94-1  | 3101     | 3117     | 2909     | 3042     | 3.81   | cps   |
| Molybdenum | 95-1  | 1358     | 1308     | 1392     | 1353     | 3.10   | cps   |
| Molybdenum | 96-1  | 2092     | 2417     | 2067     | 2192     | 8.91   | cps   |
| Molybdenum | 97-1  | 700      | 575      | 808      | 694      | 16.81  | cps   |
| Molybdenum | 98-1  | 1809     | 1975     | 1942     | 1909     | 4.62   | cps   |
| Neodymium  | 150-1 | 35295    | 34941    | 34406    | 34880    | 1.28   | cps   |
| Neodymium  | 150-2 | 4448     | 4624     | 4651     | 4574     | 2.42   | cps   |
| Nickel     | 60-2  | 11902    | 11528    | 11685    | 11705    | 1.60   | cps   |
| Phosphorus | 31-2  | 542      | 433      | 550      | 508      | 12.80  | cps   |
| Potassium  | 39-2  | 22477    | 22310    | 21851    | 22213    | 1.46   | cps   |
| Rhodium    | 103-1 | 7033648  | 6890903  | 6867257  | 6930603  | 1.30   | cps   |
| Rhodium    | 103-2 | 1905369  | 1883091  | 1940994  | 1909818  | 1.53   | cps   |
| Scandium   | 45-1  | 3956884  | 3908974  | 3828585  | 3898148  | 1.66   | cps   |
| Scandium   | 45-2  | 35946    | 34990    | 35863    | 35600    | 1.49   | cps   |
| Selenium   | 77-2  | 20       | 37       | 23       | 27       | 33.08  | cps   |
| Selenium   | 78-2  | 19       | 7        | 9        | 12       | 50.75  | cps   |
| Selenium   | 82-1  | 97       | 95       | 71       | 88       | 16.56  | cps   |
| Silicon    | 28-1  | 3666822  | 3634269  | 3616505  | 3639199  | 0.70   | cps   |
| Silver     | 109-1 | 1950     | 2059     | 1792     | 1934     | 6.94   | cps   |
| Silver     | 107-1 | 1800     | 1925     | 1975     | 1900     | 4.74   | cps   |
| Sodium     | 23-2  | 15401    | 15526    | 15376    | 15434    | 0.52   | cps   |
| Strontium  | 86-1  | 187689   | 186067   | 190452   | 188069   | 1.18   | cps   |
| Strontium  | 88-1  | 1694987  | 1683161  | 1702831  | 1693660  | 0.58   | cps   |
| Sulfur     | 34-1  | 188321   | 186254   | 188988   | 187855   | 0.76   | cps   |
| Terbium    | 159-1 | 10803476 | 10712913 | 10486268 | 10667552 | 1.53   | cps   |
| Terbium    | 159-2 | 2042008  | 1967648  | 2041416  | 2017024  | 2.12   | cps   |
| Thallium   | 203-1 | 783      | 750      | 733      | 756      | 3.37   | cps   |
| Thallium   | 205-1 | 1809     | 1759     | 1625     | 1731     | 5.48   | cps   |
| Tin        | 118-1 | 26803    | 25534    | 25258    | 25865    | 3.19   | cps   |
| Titanium   | 47-1  | 78077    | 78721    | 79535    | 78777    | 0.93   | cps   |
| Uranium    | 238-1 | 6269     | 6394     | 6485     | 6382     | 1.70   | cps   |
| Vanadium   | 51-2  | 61032    | 59750    | 59419    | 60067    | 1.42   | cps   |
| Yttrium    | 89-1  | 8034722  | 7999004  | 7839095  | 7957607  | 1.31   | cps   |
| Yttrium    | 89-2  | 254186   | 251385   | 260231   | 255267   | 1.77   | cps   |
| Zinc       | 66-2  | 17428    | 17064    | 17281    | 17258    | 1.06   | cps   |
| Zirconium  | 90-1  | 6887     | 6252     | 6385     | 6508     | 5.15   | cps   |



|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB94089             | Operator :        | Jaswal    |
| Lab Sample ID :         | J1988-14            | Instrumnet Name : | P8        |
| Client Sample ID :      | MJHR97              | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2018-03-22 15:26:06 | DataFile Name :   | 060SMPL.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|-----------|------|------|------|------|---------|--------|-------|
| Zirconium | 91-1 | 1300 | 1283 | 1475 | 1353    | 7.85   | cps   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB94089             | Operator :        | Jaswal    |
| Lab Sample ID :         | J1988-15            | Instrumnet Name : | P8        |
| Client Sample ID :      | MJHR98              | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2018-03-22 15:29:26 | DataFile Name :   | 061SMPL.d |

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|------------|-------|----------|----------|----------|----------|--------|-------|
| Aluminium  | 27-2  | 137369   | 135602   | 137242   | 136737   | 0.72   | cps   |
| Antimony   | 121-1 | 8470     | 8553     | 8895     | 8639     | 2.61   | cps   |
| Arsenic    | 75-2  | 2530     | 2489     | 2600     | 2540     | 2.21   | cps   |
| Barium     | 135-1 | 405568   | 405875   | 401142   | 404195   | 0.66   | cps   |
| Barium     | 137-1 | 699771   | 712701   | 702966   | 705146   | 0.96   | cps   |
| Beryllium  | 9-1   | 1178     | 922      | 1128     | 1076     | 12.59  | cps   |
| Bismuth    | 209-1 | 7127954  | 6988097  | 6949960  | 7022004  | 1.33   | cps   |
| Bismuth    | 209-2 | 1659377  | 1627674  | 1693721  | 1660258  | 1.99   | cps   |
| Boron      | 10-1  | 300      | 283      | 292      | 292      | 2.86   | cps   |
| Boron      | 11-1  | 1075     | 1217     | 1125     | 1139     | 6.31   | cps   |
| Cadmium    | 111-1 | 1196     | 1260     | 1280     | 1245     | 3.51   | cps   |
| Cadmium    | 106-1 | 1317     | 1300     | 1358     | 1325     | 2.27   | cps   |
| Cadmium    | 108-1 | 54       | 54       | 42       | 50       | 14.43  | cps   |
| Calcium    | 43-1  | 111045   | 112070   | 112348   | 111821   | 0.61   | cps   |
| Calcium    | 44-1  | 1885496  | 1859934  | 1863972  | 1869801  | 0.73   | cps   |
| Chromium   | 52-2  | 25203    | 25403    | 25320    | 25309    | 0.40   | cps   |
| Cobalt     | 59-2  | 48685    | 48126    | 47779    | 48197    | 0.95   | cps   |
| Copper     | 63-2  | 134543   | 133160   | 132316   | 133340   | 0.84   | cps   |
| Dysprosium | 156-1 | 24307    | 24182    | 23764    | 24084    | 1.18   | cps   |
| Dysprosium | 156-2 | 5114     | 4978     | 4841     | 4978     | 2.75   | cps   |
| Erbium     | 164-1 | 22136    | 22487    | 22646    | 22423    | 1.16   | cps   |
| Erbium     | 164-2 | 4154     | 4034     | 4004     | 4064     | 1.95   | cps   |
| Gadolinium | 160-1 | 23364    | 24031    | 24040    | 23812    | 1.63   | cps   |
| Gadolinium | 160-2 | 6068     | 5805     | 6075     | 5983     | 2.58   | cps   |
| Holmium    | 165-1 | 10404408 | 10503098 | 10171254 | 10359587 | 1.64   | cps   |
| Holmium    | 165-2 | 2065258  | 2028283  | 2101101  | 2064880  | 1.76   | cps   |
| Indium     | 115-1 | 7669257  | 7553359  | 7566499  | 7596372  | 0.84   | cps   |
| Indium     | 115-2 | 329429   | 328206   | 333798   | 330478   | 0.89   | cps   |
| Iron       | 56-2  | 26026721 | 25933602 | 25768417 | 25909580 | 0.50   | cps   |
| Iron       | 57-2  | 647184   | 644568   | 641557   | 644436   | 0.44   | cps   |
| Lead       | 206-1 | 64022    | 64313    | 64491    | 64275    | 0.37   | cps   |
| Lead       | 207-1 | 52436    | 53212    | 54015    | 53221    | 1.48   | cps   |
| Lead       | 208-1 | 249448   | 250156   | 248903   | 249502   | 0.25   | cps   |
| Lithium    | 6-1   | 1428640  | 1403256  | 1384244  | 1405380  | 1.58   | cps   |
| Magnesium  | 24-2  | 152350   | 152005   | 152013   | 152123   | 0.13   | cps   |
| Manganese  | 55-2  | 404928   | 403026   | 403394   | 403783   | 0.25   | cps   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB94089             | Operator :        | Jaswal    |
| Lab Sample ID :         | J1988-15            | Instrumnet Name : | P8        |
| Client Sample ID :      | MJHR98              | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2018-03-22 15:29:26 | DataFile Name :   | 061SMPL.d |

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|------------|-------|----------|----------|----------|----------|--------|-------|
| Molybdenum | 94-1  | 3484     | 3576     | 3626     | 3562     | 2.02   | cps   |
| Molybdenum | 95-1  | 1784     | 1433     | 1475     | 1564     | 12.23  | cps   |
| Molybdenum | 96-1  | 2392     | 2534     | 2725     | 2550     | 6.56   | cps   |
| Molybdenum | 97-1  | 917      | 933      | 1100     | 983      | 10.31  | cps   |
| Molybdenum | 98-1  | 2125     | 2142     | 2384     | 2217     | 6.52   | cps   |
| Neodymium  | 150-1 | 33363    | 33624    | 33563    | 33517    | 0.41   | cps   |
| Neodymium  | 150-2 | 4207     | 4174     | 4191     | 4191     | 0.40   | cps   |
| Nickel     | 60-2  | 9050     | 8780     | 8953     | 8927     | 1.53   | cps   |
| Phosphorus | 31-2  | 600      | 450      | 508      | 519      | 14.56  | cps   |
| Potassium  | 39-2  | 15334    | 15000    | 14525    | 14953    | 2.72   | cps   |
| Rhodium    | 103-1 | 7011590  | 6916338  | 6834435  | 6920788  | 1.28   | cps   |
| Rhodium    | 103-2 | 1896033  | 1901279  | 1930108  | 1909140  | 0.96   | cps   |
| Scandium   | 45-1  | 3970638  | 3906782  | 3798853  | 3892091  | 2.23   | cps   |
| Scandium   | 45-2  | 35211    | 33908    | 34984    | 34701    | 2.01   | cps   |
| Selenium   | 77-2  | 27       | 10       | 7        | 14       | 74.18  | cps   |
| Selenium   | 78-2  | 24       | 22       | 7        | 18       | 51.01  | cps   |
| Selenium   | 82-1  | 83       | 12       | 103      | 66       | 72.78  | cps   |
| Silicon    | 28-1  | 4263279  | 4259272  | 4206769  | 4243107  | 0.74   | cps   |
| Silver     | 109-1 | 742      | 725      | 700      | 722      | 2.90   | cps   |
| Silver     | 107-1 | 617      | 800      | 900      | 772      | 18.61  | cps   |
| Sodium     | 23-2  | 8253     | 8011     | 8536     | 8267     | 3.18   | cps   |
| Strontium  | 86-1  | 179390   | 178850   | 182874   | 180371   | 1.21   | cps   |
| Strontium  | 88-1  | 1615297  | 1591713  | 1598374  | 1601795  | 0.76   | cps   |
| Sulfur     | 34-1  | 191369   | 192240   | 191276   | 191628   | 0.28   | cps   |
| Terbium    | 159-1 | 10802062 | 10779429 | 10474511 | 10685334 | 1.71   | cps   |
| Terbium    | 159-2 | 2011799  | 1971293  | 2021688  | 2001593  | 1.33   | cps   |
| Thallium   | 203-1 | 717      | 800      | 750      | 756      | 5.55   | cps   |
| Thallium   | 205-1 | 1650     | 1775     | 1784     | 1736     | 4.30   | cps   |
| Tin        | 118-1 | 7261     | 7453     | 7377     | 7363     | 1.31   | cps   |
| Titanium   | 47-1  | 90625    | 91205    | 89091    | 90307    | 1.21   | cps   |
| Uranium    | 238-1 | 6894     | 7186     | 7169     | 7083     | 2.31   | cps   |
| Vanadium   | 51-2  | 65408    | 65325    | 64886    | 65207    | 0.43   | cps   |
| Yttrium    | 89-1  | 8100938  | 7965542  | 7836344  | 7967608  | 1.66   | cps   |
| Yttrium    | 89-2  | 254847   | 250873   | 260613   | 255444   | 1.92   | cps   |
| Zinc       | 66-2  | 13093    | 13100    | 12799    | 12997    | 1.32   | cps   |
| Zirconium  | 90-1  | 7277     | 7236     | 7394     | 7302     | 1.13   | cps   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB94089             | Operator :        | Jaswal    |
| Lab Sample ID :         | J1988-15            | Instrumnet Name : | P8        |
| Client Sample ID :      | MJHR98              | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2018-03-22 15:29:26 | DataFile Name :   | 061SMPL.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|-----------|------|------|------|------|---------|--------|-------|
| Zirconium | 91-1 | 1959 | 1575 | 1684 | 1739    | 11.37  | cps   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB94089             | Operator :        | Jaswal    |
| Lab Sample ID :         | J1988-16            | Instrumnet Name : | P8        |
| Client Sample ID :      | MJHR99              | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2018-03-22 15:32:46 | DataFile Name :   | 062SMPL.d |

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|------------|-------|----------|----------|----------|----------|--------|-------|
| Aluminium  | 27-2  | 162505   | 162723   | 158224   | 161151   | 1.57   | cps   |
| Antimony   | 121-1 | 15635    | 15510    | 15426    | 15524    | 0.68   | cps   |
| Arsenic    | 75-2  | 3795     | 3747     | 3712     | 3751     | 1.12   | cps   |
| Barium     | 135-1 | 446722   | 449553   | 450486   | 448921   | 0.44   | cps   |
| Barium     | 137-1 | 782828   | 782789   | 782540   | 782719   | 0.02   | cps   |
| Beryllium  | 9-1   | 1056     | 1039     | 989      | 1028     | 3.38   | cps   |
| Bismuth    | 209-1 | 7042166  | 7043153  | 6847570  | 6977630  | 1.61   | cps   |
| Bismuth    | 209-2 | 1644782  | 1528651  | 1641427  | 1604953  | 4.12   | cps   |
| Boron      | 10-1  | 158      | 325      | 267      | 250      | 33.83  | cps   |
| Boron      | 11-1  | 1042     | 1225     | 1192     | 1153     | 8.47   | cps   |
| Cadmium    | 111-1 | 1341     | 1241     | 1200     | 1261     | 5.78   | cps   |
| Cadmium    | 106-1 | 1400     | 1267     | 1208     | 1292     | 7.61   | cps   |
| Cadmium    | 108-1 | 79       | 29       | 54       | 54       | 46.15  | cps   |
| Calcium    | 43-1  | 120497   | 119236   | 118808   | 119513   | 0.73   | cps   |
| Calcium    | 44-1  | 1996539  | 2004413  | 2006293  | 2002415  | 0.26   | cps   |
| Chromium   | 52-2  | 28980    | 28927    | 29378    | 29095    | 0.85   | cps   |
| Cobalt     | 59-2  | 49842    | 49631    | 50247    | 49907    | 0.63   | cps   |
| Copper     | 63-2  | 141044   | 142868   | 141976   | 141963   | 0.64   | cps   |
| Dysprosium | 156-1 | 24925    | 26211    | 26044    | 25726    | 2.72   | cps   |
| Dysprosium | 156-2 | 5658     | 5515     | 5705     | 5626     | 1.76   | cps   |
| Erbium     | 164-1 | 23314    | 23939    | 24090    | 23781    | 1.73   | cps   |
| Erbium     | 164-2 | 4541     | 4698     | 4374     | 4538     | 3.56   | cps   |
| Gadolinium | 160-1 | 25985    | 26662    | 25994    | 26213    | 1.48   | cps   |
| Gadolinium | 160-2 | 6722     | 6729     | 7015     | 6822     | 2.46   | cps   |
| Holmium    | 165-1 | 10474812 | 10379037 | 10283797 | 10379215 | 0.92   | cps   |
| Holmium    | 165-2 | 2096773  | 1911670  | 2053700  | 2020714  | 4.79   | cps   |
| Indium     | 115-1 | 7671066  | 7643714  | 7408299  | 7574360  | 1.91   | cps   |
| Indium     | 115-2 | 331692   | 304655   | 328193   | 321513   | 4.57   | cps   |
| Iron       | 56-2  | 28793618 | 28761553 | 28564226 | 28706466 | 0.43   | cps   |
| Iron       | 57-2  | 710053   | 709388   | 708366   | 709269   | 0.12   | cps   |
| Lead       | 206-1 | 173935   | 175389   | 175658   | 174994   | 0.53   | cps   |
| Lead       | 207-1 | 148026   | 148879   | 147271   | 148059   | 0.54   | cps   |
| Lead       | 208-1 | 684365   | 686705   | 689682   | 686917   | 0.39   | cps   |
| Lithium    | 6-1   | 1375069  | 1398791  | 1386262  | 1386708  | 0.86   | cps   |
| Magnesium  | 24-2  | 169719   | 170131   | 166606   | 168819   | 1.14   | cps   |
| Manganese  | 55-2  | 371364   | 370524   | 367611   | 369833   | 0.53   | cps   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB94089             | Operator :        | Jaswal    |
| Lab Sample ID :         | J1988-16            | Instrumnet Name : | P8        |
| Client Sample ID :      | MJHR99              | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2018-03-22 15:32:46 | DataFile Name :   | 062SMPL.d |

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|------------|-------|----------|----------|----------|----------|--------|-------|
| Molybdenum | 94-1  | 3992     | 4059     | 3767     | 3940     | 3.88   | cps   |
| Molybdenum | 95-1  | 1650     | 1750     | 1575     | 1659     | 5.29   | cps   |
| Molybdenum | 96-1  | 2825     | 2492     | 2975     | 2764     | 8.95   | cps   |
| Molybdenum | 97-1  | 900      | 967      | 1067     | 978      | 8.58   | cps   |
| Molybdenum | 98-1  | 2700     | 2625     | 2500     | 2609     | 3.87   | cps   |
| Neodymium  | 150-1 | 36745    | 36124    | 36150    | 36340    | 0.97   | cps   |
| Neodymium  | 150-2 | 4681     | 4791     | 4844     | 4772     | 1.75   | cps   |
| Nickel     | 60-2  | 10060    | 10181    | 9663     | 9968     | 2.71   | cps   |
| Phosphorus | 31-2  | 542      | 492      | 550      | 528      | 5.98   | cps   |
| Potassium  | 39-2  | 13490    | 13098    | 13691    | 13426    | 2.24   | cps   |
| Rhodium    | 103-1 | 6962530  | 6974078  | 6794501  | 6910369  | 1.45   | cps   |
| Rhodium    | 103-2 | 1883773  | 1744985  | 1917457  | 1848738  | 4.94   | cps   |
| Scandium   | 45-1  | 3971477  | 3909326  | 3796469  | 3892424  | 2.28   | cps   |
| Scandium   | 45-2  | 35401    | 32408    | 35214    | 34341    | 4.88   | cps   |
| Selenium   | 77-2  | 27       | 23       | 20       | 23       | 14.29  | cps   |
| Selenium   | 78-2  | 15       | 11       | 13       | 13       | 14.27  | cps   |
| Selenium   | 82-1  | 60       | 20       | 97       | 59       | 65.73  | cps   |
| Silicon    | 28-1  | 4043835  | 4114592  | 4129603  | 4096010  | 1.12   | cps   |
| Silver     | 109-1 | 833      | 708      | 867      | 803      | 10.40  | cps   |
| Silver     | 107-1 | 717      | 792      | 592      | 700      | 14.43  | cps   |
| Sodium     | 23-2  | 10454    | 10788    | 10404    | 10549    | 1.98   | cps   |
| Strontium  | 86-1  | 194626   | 195252   | 193637   | 194505   | 0.42   | cps   |
| Strontium  | 88-1  | 1732365  | 1763322  | 1740945  | 1745544  | 0.92   | cps   |
| Sulfur     | 34-1  | 193261   | 188700   | 190449   | 190804   | 1.21   | cps   |
| Terbium    | 159-1 | 10757562 | 10787987 | 10577766 | 10707771 | 1.06   | cps   |
| Terbium    | 159-2 | 2007247  | 1848035  | 2011744  | 1955675  | 4.77   | cps   |
| Thallium   | 203-1 | 758      | 733      | 833      | 775      | 6.72   | cps   |
| Thallium   | 205-1 | 2267     | 2117     | 2000     | 2128     | 6.28   | cps   |
| Tin        | 118-1 | 7202     | 6852     | 7077     | 7044     | 2.52   | cps   |
| Titanium   | 47-1  | 86416    | 85101    | 84329    | 85282    | 1.24   | cps   |
| Uranium    | 238-1 | 6502     | 6811     | 6277     | 6530     | 4.10   | cps   |
| Vanadium   | 51-2  | 66611    | 66922    | 66105    | 66546    | 0.62   | cps   |
| Yttrium    | 89-1  | 8048417  | 8028194  | 7841952  | 7972854  | 1.43   | cps   |
| Yttrium    | 89-2  | 255177   | 236403   | 254702   | 248761   | 4.30   | cps   |
| Zinc       | 66-2  | 14825    | 14771    | 14818    | 14805    | 0.20   | cps   |
| Zirconium  | 90-1  | 8403     | 8387     | 8486     | 8425     | 0.63   | cps   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB94089             | Operator :        | Jaswal    |
| Lab Sample ID :         | J1988-16            | Instrumnet Name : | P8        |
| Client Sample ID :      | MJHR99              | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2018-03-22 15:32:46 | DataFile Name :   | 062SMPL.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|-----------|------|------|------|------|---------|--------|-------|
| Zirconium | 91-1 | 2125 | 1975 | 2000 | 2034    | 3.95   | cps   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB94089             | Operator :        | Jaswal    |
| Lab Sample ID :         | J1989-01            | Instrumnet Name : | P8        |
| Client Sample ID :      | MJHRA0              | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2018-03-22 15:36:03 | DataFile Name :   | 063SMPL.d |

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|------------|-------|----------|----------|----------|----------|--------|-------|
| Aluminium  | 27-2  | 210273   | 209055   | 208399   | 209242   | 0.45   | cps   |
| Antimony   | 121-1 | 155175   | 156938   | 156169   | 156094   | 0.57   | cps   |
| Arsenic    | 75-2  | 12750    | 12786    | 12978    | 12838    | 0.96   | cps   |
| Barium     | 135-1 | 272629   | 268020   | 269100   | 269916   | 0.89   | cps   |
| Barium     | 137-1 | 472324   | 470907   | 465325   | 469519   | 0.79   | cps   |
| Beryllium  | 9-1   | 889      | 856      | 761      | 835      | 7.94   | cps   |
| Bismuth    | 209-1 | 6877667  | 7026630  | 6872995  | 6925764  | 1.26   | cps   |
| Bismuth    | 209-2 | 1677817  | 1620713  | 1607293  | 1635274  | 2.29   | cps   |
| Boron      | 10-1  | 450      | 458      | 317      | 408      | 19.47  | cps   |
| Boron      | 11-1  | 1834     | 1784     | 1917     | 1845     | 3.65   | cps   |
| Cadmium    | 111-1 | 1294     | 1442     | 1320     | 1352     | 5.85   | cps   |
| Cadmium    | 106-1 | 1192     | 1417     | 1258     | 1289     | 8.97   | cps   |
| Cadmium    | 108-1 | 75       | 71       | 88       | 78       | 11.15  | cps   |
| Calcium    | 43-1  | 79383    | 79148    | 79182    | 79238    | 0.16   | cps   |
| Calcium    | 44-1  | 1339719  | 1331851  | 1339157  | 1336909  | 0.33   | cps   |
| Chromium   | 52-2  | 52900    | 52886    | 52401    | 52729    | 0.54   | cps   |
| Cobalt     | 59-2  | 58261    | 58044    | 58194    | 58167    | 0.19   | cps   |
| Copper     | 63-2  | 238641   | 238531   | 239798   | 238990   | 0.29   | cps   |
| Dysprosium | 156-1 | 19565    | 18964    | 19365    | 19298    | 1.59   | cps   |
| Dysprosium | 156-2 | 4044     | 4047     | 4314     | 4135     | 3.75   | cps   |
| Erbium     | 164-1 | 19432    | 18263    | 18372    | 18689    | 3.45   | cps   |
| Erbium     | 164-2 | 3457     | 3691     | 3431     | 3526     | 4.06   | cps   |
| Gadolinium | 160-1 | 18889    | 19106    | 18923    | 18973    | 0.62   | cps   |
| Gadolinium | 160-2 | 5121     | 5011     | 4811     | 4981     | 3.16   | cps   |
| Holmium    | 165-1 | 10084918 | 10418326 | 10221204 | 10241483 | 1.64   | cps   |
| Holmium    | 165-2 | 2094185  | 2058509  | 2008962  | 2053885  | 2.08   | cps   |
| Indium     | 115-1 | 7436506  | 7655989  | 7559655  | 7550716  | 1.46   | cps   |
| Indium     | 115-2 | 331085   | 324353   | 317802   | 324414   | 2.05   | cps   |
| Iron       | 56-2  | 33617606 | 33266365 | 33560011 | 33481327 | 0.56   | cps   |
| Iron       | 57-2  | 837547   | 826586   | 832482   | 832205   | 0.66   | cps   |
| Lead       | 206-1 | 109512   | 110201   | 110745   | 110153   | 0.56   | cps   |
| Lead       | 207-1 | 92602    | 90773    | 91573    | 91649    | 1.00   | cps   |
| Lead       | 208-1 | 429812   | 428724   | 428490   | 429009   | 0.16   | cps   |
| Lithium    | 6-1   | 1376248  | 1394144  | 1393969  | 1388121  | 0.74   | cps   |
| Magnesium  | 24-2  | 83797    | 84661    | 84216    | 84225    | 0.51   | cps   |
| Manganese  | 55-2  | 412753   | 409552   | 409440   | 410582   | 0.46   | cps   |



|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB94089             | Operator :        | Jaswal    |
| Lab Sample ID :         | J1989-01            | Instrumnet Name : | P8        |
| Client Sample ID :      | MJHRA0              | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2018-03-22 15:36:03 | DataFile Name :   | 063SMPL.d |

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|------------|-------|----------|----------|----------|----------|--------|-------|
| Molybdenum | 94-1  | 6160     | 5585     | 5651     | 5799     | 5.43   | cps   |
| Molybdenum | 95-1  | 1800     | 1909     | 1709     | 1806     | 5.55   | cps   |
| Molybdenum | 96-1  | 3242     | 3301     | 3559     | 3367     | 5.01   | cps   |
| Molybdenum | 97-1  | 1042     | 908      | 967      | 972      | 6.87   | cps   |
| Molybdenum | 98-1  | 2850     | 2767     | 2692     | 2770     | 2.86   | cps   |
| Neodymium  | 150-1 | 24263    | 23842    | 23963    | 24023    | 0.90   | cps   |
| Neodymium  | 150-2 | 3190     | 3140     | 2980     | 3104     | 3.54   | cps   |
| Nickel     | 60-2  | 18793    | 18539    | 18516    | 18616    | 0.83   | cps   |
| Phosphorus | 31-2  | 375      | 475      | 450      | 433      | 12.01  | cps   |
| Potassium  | 39-2  | 16177    | 16268    | 15951    | 16132    | 1.01   | cps   |
| Rhodium    | 103-1 | 6823742  | 6957066  | 6748483  | 6843097  | 1.54   | cps   |
| Rhodium    | 103-2 | 1915925  | 1844284  | 1809178  | 1856462  | 2.93   | cps   |
| Scandium   | 45-1  | 3927790  | 4028901  | 4002452  | 3986381  | 1.32   | cps   |
| Scandium   | 45-2  | 36949    | 35622    | 34843    | 35805    | 2.97   | cps   |
| Selenium   | 77-2  | 23       | 10       | 27       | 20       | 44.10  | cps   |
| Selenium   | 78-2  | 13       | 9        | 6        | 9        | 39.96  | cps   |
| Selenium   | 82-1  | 14       | 7        | 62       | 28       | 107.48 | cps   |
| Silicon    | 28-1  | 3319601  | 3325135  | 3170274  | 3271670  | 2.69   | cps   |
| Silver     | 109-1 | 875      | 942      | 842      | 886      | 5.75   | cps   |
| Silver     | 107-1 | 850      | 1075     | 1125     | 1017     | 14.41  | cps   |
| Sodium     | 23-2  | 10196    | 10079    | 9554     | 9943     | 3.44   | cps   |
| Strontium  | 86-1  | 155486   | 153849   | 152619   | 153984   | 0.93   | cps   |
| Strontium  | 88-1  | 1378200  | 1389581  | 1343992  | 1370591  | 1.73   | cps   |
| Sulfur     | 34-1  | 187451   | 181974   | 183900   | 184442   | 1.51   | cps   |
| Terbium    | 159-1 | 10441216 | 10822642 | 10566795 | 10610218 | 1.83   | cps   |
| Terbium    | 159-2 | 2038421  | 1969851  | 1952647  | 1986973  | 2.28   | cps   |
| Thallium   | 203-1 | 1717     | 1884     | 1559     | 1720     | 9.45   | cps   |
| Thallium   | 205-1 | 4209     | 4176     | 3801     | 4062     | 5.58   | cps   |
| Tin        | 118-1 | 9028     | 9546     | 9429     | 9334     | 2.91   | cps   |
| Titanium   | 47-1  | 83817    | 82828    | 81286    | 82644    | 1.54   | cps   |
| Uranium    | 238-1 | 5551     | 5535     | 5493     | 5526     | 0.54   | cps   |
| Vanadium   | 51-2  | 83396    | 80684    | 80828    | 81636    | 1.87   | cps   |
| Yttrium    | 89-1  | 7817779  | 7935664  | 7924846  | 7892763  | 0.83   | cps   |
| Yttrium    | 89-2  | 254891   | 250128   | 245416   | 250145   | 1.89   | cps   |
| Zinc       | 66-2  | 21150    | 21156    | 21006    | 21104    | 0.40   | cps   |
| Zirconium  | 90-1  | 14108    | 13849    | 13674    | 13877    | 1.57   | cps   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB94089             | Operator :        | Jaswal    |
| Lab Sample ID :         | J1989-01            | Instrumnet Name : | P8        |
| Client Sample ID :      | MJHRA0              | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2018-03-22 15:36:03 | DataFile Name :   | 063SMPL.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|-----------|------|------|------|------|---------|--------|-------|
| Zirconium | 91-1 | 3075 | 3026 | 2792 | 2964    | 5.10   | cps   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB94089             | Operator :        | Jaswal    |
| Lab Sample ID :         | J1989-02            | Instrumnet Name : | P8        |
| Client Sample ID :      | MJHRA1              | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2018-03-22 15:39:21 | DataFile Name :   | 064SMPL.d |

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|------------|-------|----------|----------|----------|----------|--------|-------|
| Aluminium  | 27-2  | 103341   | 103459   | 105189   | 103996   | 0.99   | cps   |
| Antimony   | 121-1 | 18505    | 18522    | 18313    | 18447    | 0.63   | cps   |
| Arsenic    | 75-2  | 3219     | 2928     | 3149     | 3099     | 4.90   | cps   |
| Barium     | 135-1 | 589385   | 593989   | 588253   | 590542   | 0.51   | cps   |
| Barium     | 137-1 | 1019238  | 1022696  | 1018070  | 1020001  | 0.24   | cps   |
| Beryllium  | 9-1   | 633      | 711      | 683      | 676      | 5.83   | cps   |
| Bismuth    | 209-1 | 6883756  | 6991125  | 7028570  | 6967817  | 1.08   | cps   |
| Bismuth    | 209-2 | 1680641  | 1612087  | 1605869  | 1632866  | 2.54   | cps   |
| Boron      | 10-1  | 292      | 275      | 292      | 286      | 3.36   | cps   |
| Boron      | 11-1  | 1417     | 1475     | 1517     | 1470     | 3.42   | cps   |
| Cadmium    | 111-1 | 1182     | 1041     | 1189     | 1137     | 7.35   | cps   |
| Cadmium    | 106-1 | 1325     | 1092     | 1242     | 1220     | 9.70   | cps   |
| Cadmium    | 108-1 | 42       | 33       | 67       | 47       | 36.74  | cps   |
| Calcium    | 43-1  | 162244   | 162127   | 159875   | 161415   | 0.83   | cps   |
| Calcium    | 44-1  | 2713801  | 2710057  | 2657692  | 2693850  | 1.16   | cps   |
| Chromium   | 52-2  | 20462    | 20045    | 20579    | 20362    | 1.38   | cps   |
| Cobalt     | 59-2  | 29698    | 29852    | 29715    | 29755    | 0.28   | cps   |
| Copper     | 63-2  | 63156    | 61365    | 62493    | 62338    | 1.45   | cps   |
| Dysprosium | 156-1 | 8762     | 9079     | 9295     | 9045     | 2.97   | cps   |
| Dysprosium | 156-2 | 1713     | 1934     | 1810     | 1819     | 6.06   | cps   |
| Erbium     | 164-1 | 7811     | 7669     | 7361     | 7614     | 3.02   | cps   |
| Erbium     | 164-2 | 1363     | 1413     | 1553     | 1443     | 6.82   | cps   |
| Gadolinium | 160-1 | 8595     | 8536     | 8245     | 8459     | 2.22   | cps   |
| Gadolinium | 160-2 | 2124     | 2037     | 2180     | 2114     | 3.42   | cps   |
| Holmium    | 165-1 | 10158333 | 10157175 | 10311708 | 10209072 | 0.87   | cps   |
| Holmium    | 165-2 | 2041986  | 2040310  | 2017652  | 2033316  | 0.67   | cps   |
| Indium     | 115-1 | 7424852  | 7352617  | 7621091  | 7466187  | 1.86   | cps   |
| Indium     | 115-2 | 329114   | 324317   | 321100   | 324843   | 1.24   | cps   |
| Iron       | 56-2  | 15833789 | 15911575 | 15786257 | 15843874 | 0.40   | cps   |
| Iron       | 57-2  | 397176   | 391345   | 391082   | 393201   | 0.88   | cps   |
| Lead       | 206-1 | 331424   | 328979   | 329805   | 330069   | 0.38   | cps   |
| Lead       | 207-1 | 267287   | 264458   | 263128   | 264958   | 0.80   | cps   |
| Lead       | 208-1 | 1265294  | 1252819  | 1254064  | 1257392  | 0.55   | cps   |
| Lithium    | 6-1   | 1350056  | 1377289  | 1398465  | 1375270  | 1.76   | cps   |
| Magnesium  | 24-2  | 86504    | 86378    | 86789    | 86557    | 0.24   | cps   |
| Manganese  | 55-2  | 493657   | 490477   | 487923   | 490686   | 0.59   | cps   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB94089             | Operator :        | Jaswal    |
| Lab Sample ID :         | J1989-02            | Instrumnet Name : | P8        |
| Client Sample ID :      | MJHRA1              | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2018-03-22 15:39:21 | DataFile Name :   | 064SMPL.d |

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|------------|-------|----------|----------|----------|----------|--------|-------|
| Molybdenum | 94-1  | 2617     | 2350     | 2225     | 2398     | 8.35   | cps   |
| Molybdenum | 95-1  | 1275     | 1400     | 1133     | 1270     | 10.51  | cps   |
| Molybdenum | 96-1  | 1734     | 2109     | 1917     | 1920     | 9.77   | cps   |
| Molybdenum | 97-1  | 758      | 717      | 767      | 747      | 3.59   | cps   |
| Molybdenum | 98-1  | 2100     | 2084     | 1892     | 2025     | 5.72   | cps   |
| Neodymium  | 150-1 | 12793    | 13254    | 12867    | 12971    | 1.91   | cps   |
| Neodymium  | 150-2 | 1587     | 1693     | 1767     | 1682     | 5.38   | cps   |
| Nickel     | 60-2  | 8639     | 8286     | 8693     | 8539     | 2.59   | cps   |
| Phosphorus | 31-2  | 800      | 617      | 842      | 753      | 15.90  | cps   |
| Potassium  | 39-2  | 14984    | 15659    | 14875    | 15173    | 2.80   | cps   |
| Rhodium    | 103-1 | 6762869  | 6800779  | 6930786  | 6831478  | 1.29   | cps   |
| Rhodium    | 103-2 | 1909617  | 1890284  | 1850068  | 1883323  | 1.61   | cps   |
| Scandium   | 45-1  | 3756678  | 3757593  | 3798736  | 3771002  | 0.64   | cps   |
| Scandium   | 45-2  | 34573    | 33517    | 33590    | 33893    | 1.74   | cps   |
| Selenium   | 77-2  | 3        | 7        | 3        | 4        | 43.40  | cps   |
| Selenium   | 78-2  | 2        | 7        | 0        | 3        | 124.95 | cps   |
| Selenium   | 82-1  | 47       | -4       | 12       | 18       | 144.27 | cps   |
| Silicon    | 28-1  | 2883728  | 2867008  | 2863222  | 2871319  | 0.38   | cps   |
| Silver     | 109-1 | 725      | 808      | 858      | 797      | 8.45   | cps   |
| Silver     | 107-1 | 742      | 842      | 758      | 781      | 6.86   | cps   |
| Sodium     | 23-2  | 6502     | 6318     | 6985     | 6602     | 5.22   | cps   |
| Strontium  | 86-1  | 219937   | 218140   | 217387   | 218488   | 0.60   | cps   |
| Strontium  | 88-1  | 1954339  | 1937235  | 1934888  | 1942154  | 0.55   | cps   |
| Sulfur     | 34-1  | 192492   | 191360   | 192121   | 191991   | 0.30   | cps   |
| Terbium    | 159-1 | 10474043 | 10418009 | 10636681 | 10509578 | 1.08   | cps   |
| Terbium    | 159-2 | 1989174  | 1999945  | 1954964  | 1981361  | 1.19   | cps   |
| Thallium   | 203-1 | 842      | 675      | 858      | 792      | 12.81  | cps   |
| Thallium   | 205-1 | 1859     | 1725     | 1884     | 1822     | 4.67   | cps   |
| Tin        | 118-1 | 4859     | 5035     | 5143     | 5012     | 2.85   | cps   |
| Titanium   | 47-1  | 74440    | 75312    | 75437    | 75063    | 0.72   | cps   |
| Uranium    | 238-1 | 5410     | 4985     | 4826     | 5074     | 5.95   | cps   |
| Vanadium   | 51-2  | 41334    | 41418    | 41956    | 41569    | 0.81   | cps   |
| Yttrium    | 89-1  | 7613891  | 7677017  | 7708416  | 7666441  | 0.63   | cps   |
| Yttrium    | 89-2  | 245840   | 244140   | 241408   | 243796   | 0.92   | cps   |
| Zinc       | 66-2  | 21063    | 20799    | 21110    | 20991    | 0.80   | cps   |
| Zirconium  | 90-1  | 4526     | 5018     | 5001     | 4848     | 5.76   | cps   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB94089             | Operator :        | Jaswal    |
| Lab Sample ID :         | J1989-02            | Instrumnet Name : | P8        |
| Client Sample ID :      | MJHRA1              | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2018-03-22 15:39:21 | DataFile Name :   | 064SMPL.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|-----------|------|------|------|------|---------|--------|-------|
| Zirconium | 91-1 | 867  | 992  | 1175 | 1011    | 15.34  | cps   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB94089             | Operator :        | Jaswal    |
| Lab Sample ID :         | J1989-03            | Instrumnet Name : | P8        |
| Client Sample ID :      | MJHRA2              | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2018-03-22 15:42:40 | DataFile Name :   | 065SMPL.d |

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|------------|-------|----------|----------|----------|----------|--------|-------|
| Aluminium  | 27-2  | 154163   | 153802   | 152503   | 153489   | 0.57   | cps   |
| Antimony   | 121-1 | 97471    | 98554    | 97866    | 97964    | 0.56   | cps   |
| Arsenic    | 75-2  | 8373     | 8210     | 8099     | 8227     | 1.68   | cps   |
| Barium     | 135-1 | 233314   | 237756   | 233150   | 234740   | 1.11   | cps   |
| Barium     | 137-1 | 407909   | 410234   | 408843   | 408995   | 0.29   | cps   |
| Beryllium  | 9-1   | 561      | 561      | 472      | 532      | 9.66   | cps   |
| Bismuth    | 209-1 | 6980624  | 6917028  | 7057203  | 6984952  | 1.00   | cps   |
| Bismuth    | 209-2 | 1586781  | 1663789  | 1661227  | 1637266  | 2.67   | cps   |
| Boron      | 10-1  | 483      | 433      | 425      | 447      | 7.06   | cps   |
| Boron      | 11-1  | 2342     | 2209     | 2175     | 2242     | 3.93   | cps   |
| Cadmium    | 111-1 | 1596     | 1611     | 1778     | 1662     | 6.05   | cps   |
| Cadmium    | 106-1 | 1358     | 1283     | 1600     | 1414     | 11.70  | cps   |
| Cadmium    | 108-1 | 54       | 71       | 67       | 64       | 13.57  | cps   |
| Calcium    | 43-1  | 65964    | 65747    | 66190    | 65967    | 0.34   | cps   |
| Calcium    | 44-1  | 1082208  | 1086877  | 1084006  | 1084363  | 0.22   | cps   |
| Chromium   | 52-2  | 36020    | 35361    | 36240    | 35874    | 1.27   | cps   |
| Cobalt     | 59-2  | 31132    | 31081    | 30804    | 31006    | 0.57   | cps   |
| Copper     | 63-2  | 96452    | 97717    | 97244    | 97137    | 0.66   | cps   |
| Dysprosium | 156-1 | 12648    | 12915    | 13215    | 12926    | 2.19   | cps   |
| Dysprosium | 156-2 | 2720     | 2667     | 2680     | 2689     | 1.03   | cps   |
| Erbium     | 164-1 | 11063    | 11514    | 11581    | 11386    | 2.47   | cps   |
| Erbium     | 164-2 | 2034     | 2107     | 2007     | 2049     | 2.53   | cps   |
| Gadolinium | 160-1 | 12848    | 12582    | 12365    | 12598    | 1.92   | cps   |
| Gadolinium | 160-2 | 3334     | 3270     | 3350     | 3318     | 1.27   | cps   |
| Holmium    | 165-1 | 10204586 | 10138029 | 10418690 | 10253769 | 1.43   | cps   |
| Holmium    | 165-2 | 1950291  | 2073924  | 2041019  | 2021744  | 3.17   | cps   |
| Indium     | 115-1 | 7544274  | 7402618  | 7625007  | 7523966  | 1.50   | cps   |
| Indium     | 115-2 | 307900   | 326815   | 323276   | 319330   | 3.15   | cps   |
| Iron       | 56-2  | 19137447 | 18929052 | 18759517 | 18942005 | 1.00   | cps   |
| Iron       | 57-2  | 473682   | 467485   | 462970   | 468046   | 1.15   | cps   |
| Lead       | 206-1 | 170355   | 173542   | 173350   | 172416   | 1.04   | cps   |
| Lead       | 207-1 | 144036   | 144541   | 142226   | 143601   | 0.85   | cps   |
| Lead       | 208-1 | 669313   | 670579   | 668025   | 669306   | 0.19   | cps   |
| Lithium    | 6-1   | 1379440  | 1361789  | 1390501  | 1377243  | 1.05   | cps   |
| Magnesium  | 24-2  | 60857    | 59367    | 59458    | 59894    | 1.39   | cps   |
| Manganese  | 55-2  | 243068   | 239524   | 241078   | 241223   | 0.74   | cps   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB94089             | Operator :        | Jaswal    |
| Lab Sample ID :         | J1989-03            | Instrumnet Name : | P8        |
| Client Sample ID :      | MJHRA2              | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2018-03-22 15:42:40 | DataFile Name :   | 065SMPL.d |

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD  | Units |
|------------|-------|----------|----------|----------|----------|---------|-------|
| Molybdenum | 94-1  | 4143     | 4493     | 4193     | 4276     | 4.43    | cps   |
| Molybdenum | 95-1  | 1458     | 1792     | 1859     | 1703     | 12.59   | cps   |
| Molybdenum | 96-1  | 2659     | 3050     | 2775     | 2828     | 7.11    | cps   |
| Molybdenum | 97-1  | 933      | 942      | 1242     | 1039     | 16.91   | cps   |
| Molybdenum | 98-1  | 2859     | 2742     | 2575     | 2725     | 5.23    | cps   |
| Neodymium  | 150-1 | 17359    | 16691    | 17198    | 17083    | 2.04    | cps   |
| Neodymium  | 150-2 | 2314     | 2237     | 2244     | 2265     | 1.88    | cps   |
| Nickel     | 60-2  | 20559    | 21430    | 20872    | 20954    | 2.11    | cps   |
| Phosphorus | 31-2  | 417      | 417      | 467      | 433      | 6.66    | cps   |
| Potassium  | 39-2  | 10529    | 11038    | 10121    | 10563    | 4.35    | cps   |
| Rhodium    | 103-1 | 6870066  | 6751667  | 6974891  | 6865541  | 1.63    | cps   |
| Rhodium    | 103-2 | 1761428  | 1940132  | 1880901  | 1860820  | 4.89    | cps   |
| Scandium   | 45-1  | 3838300  | 3762228  | 3899746  | 3833425  | 1.80    | cps   |
| Scandium   | 45-2  | 31998    | 34001    | 34379    | 33459    | 3.83    | cps   |
| Selenium   | 77-2  | 20       | 7        | 20       | 16       | 49.47   | cps   |
| Selenium   | 78-2  | 6        | 6        | 20       | 10       | 81.46   | cps   |
| Selenium   | 82-1  | -46      | 6        | 4        | -12      | -244.87 | cps   |
| Silicon    | 28-1  | 3403593  | 3514781  | 3377913  | 3432096  | 2.12    | cps   |
| Silver     | 109-1 | 692      | 792      | 917      | 800      | 14.09   | cps   |
| Silver     | 107-1 | 758      | 1042     | 750      | 850      | 19.53   | cps   |
| Sodium     | 23-2  | 10388    | 9895     | 10721    | 10335    | 4.02    | cps   |
| Strontium  | 86-1  | 125506   | 126575   | 123269   | 125117   | 1.35    | cps   |
| Strontium  | 88-1  | 1089132  | 1094433  | 1080125  | 1087897  | 0.66    | cps   |
| Sulfur     | 34-1  | 188862   | 184218   | 184006   | 185696   | 1.48    | cps   |
| Terbium    | 159-1 | 10590895 | 10435752 | 10760039 | 10595562 | 1.53    | cps   |
| Terbium    | 159-2 | 1858281  | 2002935  | 1997353  | 1952857  | 4.20    | cps   |
| Thallium   | 203-1 | 1183     | 1292     | 1383     | 1286     | 7.78    | cps   |
| Thallium   | 205-1 | 3109     | 3142     | 3009     | 3087     | 2.25    | cps   |
| Tin        | 118-1 | 6719     | 6944     | 7769     | 7144     | 7.74    | cps   |
| Titanium   | 47-1  | 80749    | 80623    | 80750    | 80707    | 0.09    | cps   |
| Uranium    | 238-1 | 4076     | 4234     | 4209     | 4173     | 2.04    | cps   |
| Vanadium   | 51-2  | 47684    | 46246    | 46892    | 46941    | 1.53    | cps   |
| Yttrium    | 89-1  | 7732648  | 7674131  | 7878009  | 7761596  | 1.35    | cps   |
| Yttrium    | 89-2  | 232493   | 247649   | 244661   | 241601   | 3.32    | cps   |
| Zinc       | 66-2  | 15619    | 15259    | 15048    | 15309    | 1.89    | cps   |
| Zirconium  | 90-1  | 7669     | 8778     | 8370     | 8272     | 6.78    | cps   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB94089             | Operator :        | Jaswal    |
| Lab Sample ID :         | J1989-03            | Instrumnet Name : | P8        |
| Client Sample ID :      | MJHRA2              | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2018-03-22 15:42:40 | DataFile Name :   | 065SMPL.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|-----------|------|------|------|------|---------|--------|-------|
| Zirconium | 91-1 | 1992 | 1959 | 1950 | 1967    | 1.12   | cps   |



|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB94089             | Operator :        | Jaswal    |
| Lab Sample ID :         | J1989-04            | Instrumnet Name : | P8        |
| Client Sample ID :      | MJHRA3              | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2018-03-22 15:46:01 | DataFile Name :   | 066SMPL.d |

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|------------|-------|----------|----------|----------|----------|--------|-------|
| Aluminium  | 27-2  | 186829   | 184451   | 184941   | 185407   | 0.68   | cps   |
| Antimony   | 121-1 | 125813   | 129490   | 127319   | 127541   | 1.45   | cps   |
| Arsenic    | 75-2  | 14660    | 14372    | 14380    | 14471    | 1.13   | cps   |
| Barium     | 135-1 | 193825   | 193849   | 195007   | 194227   | 0.35   | cps   |
| Barium     | 137-1 | 337495   | 336645   | 337820   | 337320   | 0.18   | cps   |
| Beryllium  | 9-1   | 633      | 656      | 756      | 682      | 9.55   | cps   |
| Bismuth    | 209-1 | 6918707  | 7049016  | 7113292  | 7027005  | 1.41   | cps   |
| Bismuth    | 209-2 | 1678487  | 1669621  | 1622872  | 1656993  | 1.80   | cps   |
| Boron      | 10-1  | 442      | 542      | 375      | 453      | 18.53  | cps   |
| Boron      | 11-1  | 2084     | 1834     | 2034     | 1984     | 6.67   | cps   |
| Cadmium    | 111-1 | 1609     | 1416     | 1639     | 1555     | 7.80   | cps   |
| Cadmium    | 106-1 | 1383     | 1242     | 1492     | 1372     | 9.14   | cps   |
| Cadmium    | 108-1 | 67       | 71       | 79       | 72       | 8.81   | cps   |
| Calcium    | 43-1  | 63117    | 63720    | 63017    | 63285    | 0.60   | cps   |
| Calcium    | 44-1  | 1035367  | 1038909  | 1033778  | 1036018  | 0.25   | cps   |
| Chromium   | 52-2  | 48066    | 49705    | 48219    | 48663    | 1.86   | cps   |
| Cobalt     | 59-2  | 37417    | 38146    | 37226    | 37596    | 1.29   | cps   |
| Copper     | 63-2  | 151131   | 151633   | 150656   | 151140   | 0.32   | cps   |
| Dysprosium | 156-1 | 16803    | 16928    | 17754    | 17162    | 3.01   | cps   |
| Dysprosium | 156-2 | 3731     | 4011     | 3897     | 3880     | 3.63   | cps   |
| Erbium     | 164-1 | 15201    | 16094    | 14926    | 15407    | 3.96   | cps   |
| Erbium     | 164-2 | 2974     | 2860     | 2897     | 2910     | 1.99   | cps   |
| Gadolinium | 160-1 | 17296    | 17855    | 17613    | 17588    | 1.59   | cps   |
| Gadolinium | 160-2 | 4701     | 4631     | 4694     | 4675     | 0.83   | cps   |
| Holmium    | 165-1 | 10198190 | 10220711 | 10475176 | 10298026 | 1.49   | cps   |
| Holmium    | 165-2 | 2067149  | 2081782  | 2033602  | 2060844  | 1.20   | cps   |
| Indium     | 115-1 | 7511135  | 7532413  | 7644706  | 7562751  | 0.95   | cps   |
| Indium     | 115-2 | 328264   | 328265   | 322283   | 326271   | 1.06   | cps   |
| Iron       | 56-2  | 25908867 | 25784584 | 25758680 | 25817377 | 0.31   | cps   |
| Iron       | 57-2  | 637853   | 642473   | 640650   | 640325   | 0.36   | cps   |
| Lead       | 206-1 | 308854   | 314004   | 308161   | 310340   | 1.03   | cps   |
| Lead       | 207-1 | 255394   | 257722   | 255984   | 256367   | 0.47   | cps   |
| Lead       | 208-1 | 1198762  | 1207900  | 1199666  | 1202109  | 0.42   | cps   |
| Lithium    | 6-1   | 1365218  | 1377868  | 1403068  | 1382051  | 1.39   | cps   |
| Magnesium  | 24-2  | 65953    | 67360    | 65953    | 66422    | 1.22   | cps   |
| Manganese  | 55-2  | 257962   | 259703   | 256461   | 258042   | 0.63   | cps   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB94089             | Operator :        | Jaswal    |
| Lab Sample ID :         | J1989-04            | Instrumnet Name : | P8        |
| Client Sample ID :      | MJHRA3              | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2018-03-22 15:46:01 | DataFile Name :   | 066SMPL.d |

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|------------|-------|----------|----------|----------|----------|--------|-------|
| Molybdenum | 94-1  | 3917     | 3742     | 4067     | 3909     | 4.16   | cps   |
| Molybdenum | 95-1  | 1675     | 1600     | 1575     | 1617     | 3.22   | cps   |
| Molybdenum | 96-1  | 2792     | 3042     | 2967     | 2934     | 4.37   | cps   |
| Molybdenum | 97-1  | 908      | 1067     | 1100     | 1025     | 9.99   | cps   |
| Molybdenum | 98-1  | 2684     | 2875     | 2709     | 2756     | 3.78   | cps   |
| Neodymium  | 150-1 | 22881    | 21712    | 22700    | 22431    | 2.81   | cps   |
| Neodymium  | 150-2 | 2854     | 2764     | 2834     | 2817     | 1.68   | cps   |
| Nickel     | 60-2  | 13994    | 14825    | 14341    | 14387    | 2.90   | cps   |
| Phosphorus | 31-2  | 692      | 567      | 767      | 675      | 14.97  | cps   |
| Potassium  | 39-2  | 12456    | 12298    | 12314    | 12356    | 0.70   | cps   |
| Rhodium    | 103-1 | 6804564  | 6836592  | 6879507  | 6840221  | 0.55   | cps   |
| Rhodium    | 103-2 | 1878618  | 1887556  | 1883996  | 1883390  | 0.24   | cps   |
| Scandium   | 45-1  | 3872533  | 3826041  | 3944877  | 3881150  | 1.54   | cps   |
| Scandium   | 45-2  | 34396    | 34656    | 34392    | 34481    | 0.44   | cps   |
| Selenium   | 77-2  | 20       | 0        | 10       | 10       | 100.00 | cps   |
| Selenium   | 78-2  | 11       | 9        | 6        | 9        | 32.69  | cps   |
| Selenium   | 82-1  | 9        | 31       | 25       | 22       | 53.69  | cps   |
| Silicon    | 28-1  | 3538275  | 3557208  | 3470918  | 3522133  | 1.29   | cps   |
| Silver     | 109-1 | 1067     | 1025     | 925      | 1006     | 7.24   | cps   |
| Silver     | 107-1 | 1042     | 1025     | 817      | 961      | 13.04  | cps   |
| Sodium     | 23-2  | 15909    | 15234    | 15200    | 15448    | 2.59   | cps   |
| Strontium  | 86-1  | 111167   | 109142   | 113074   | 111127   | 1.77   | cps   |
| Strontium  | 88-1  | 957185   | 956916   | 949861   | 954654   | 0.44   | cps   |
| Sulfur     | 34-1  | 184531   | 183789   | 183019   | 183779   | 0.41   | cps   |
| Terbium    | 159-1 | 10545779 | 10527792 | 10841629 | 10638400 | 1.66   | cps   |
| Terbium    | 159-2 | 2004613  | 1983717  | 1976895  | 1988408  | 0.73   | cps   |
| Thallium   | 203-1 | 1358     | 1467     | 1433     | 1420     | 3.91   | cps   |
| Thallium   | 205-1 | 3509     | 3401     | 3659     | 3523     | 3.68   | cps   |
| Tin        | 118-1 | 41365    | 40980    | 40471    | 40939    | 1.10   | cps   |
| Titanium   | 47-1  | 67322    | 69129    | 68132    | 68194    | 1.33   | cps   |
| Uranium    | 238-1 | 3984     | 3817     | 3884     | 3895     | 2.15   | cps   |
| Vanadium   | 51-2  | 59027    | 57709    | 58261    | 58332    | 1.14   | cps   |
| Yttrium    | 89-1  | 7779048  | 7785867  | 7906338  | 7823751  | 0.92   | cps   |
| Yttrium    | 89-2  | 250198   | 248105   | 247265   | 248523   | 0.61   | cps   |
| Zinc       | 66-2  | 19407    | 19821    | 19477    | 19568    | 1.13   | cps   |
| Zirconium  | 90-1  | 9088     | 8411     | 8169     | 8556     | 5.56   | cps   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB94089             | Operator :        | Jaswal    |
| Lab Sample ID :         | J1989-04            | Instrumnet Name : | P8        |
| Client Sample ID :      | MJHRA3              | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2018-03-22 15:46:01 | DataFile Name :   | 066SMPL.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|-----------|------|------|------|------|---------|--------|-------|
| Zirconium | 91-1 | 2234 | 1867 | 2067 | 2056    | 8.93   | cps   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB94089             | Operator :        | Jaswal    |
| Lab Sample ID :         | J1989-05            | Instrumnet Name : | P8        |
| Client Sample ID :      | MJHRA4              | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2018-03-22 15:49:19 | DataFile Name :   | 067SMPL.d |

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|------------|-------|----------|----------|----------|----------|--------|-------|
| Aluminium  | 27-2  | 220529   | 217866   | 217246   | 218547   | 0.80   | cps   |
| Antimony   | 121-1 | 77617    | 76562    | 78229    | 77469    | 1.09   | cps   |
| Arsenic    | 75-2  | 9546     | 9329     | 9616     | 9497     | 1.58   | cps   |
| Barium     | 135-1 | 225920   | 225472   | 225107   | 225500   | 0.18   | cps   |
| Barium     | 137-1 | 387347   | 394405   | 390789   | 390847   | 0.90   | cps   |
| Beryllium  | 9-1   | 717      | 789      | 650      | 719      | 9.67   | cps   |
| Bismuth    | 209-1 | 7006842  | 6934163  | 7167032  | 7036013  | 1.69   | cps   |
| Bismuth    | 209-2 | 1623552  | 1676797  | 1647739  | 1649363  | 1.62   | cps   |
| Boron      | 10-1  | 600      | 542      | 425      | 522      | 17.06  | cps   |
| Boron      | 11-1  | 2525     | 2550     | 2842     | 2639     | 6.67   | cps   |
| Cadmium    | 111-1 | 1548     | 1491     | 1483     | 1507     | 2.34   | cps   |
| Cadmium    | 106-1 | 1342     | 1150     | 1417     | 1303     | 10.56  | cps   |
| Cadmium    | 108-1 | 83       | 63       | 96       | 81       | 20.91  | cps   |
| Calcium    | 43-1  | 149336   | 148636   | 146826   | 148266   | 0.87   | cps   |
| Calcium    | 44-1  | 2478779  | 2477453  | 2451128  | 2469120  | 0.63   | cps   |
| Chromium   | 52-2  | 44544    | 44561    | 44226    | 44444    | 0.42   | cps   |
| Cobalt     | 59-2  | 47404    | 45962    | 47176    | 46848    | 1.65   | cps   |
| Copper     | 63-2  | 184322   | 183943   | 184577   | 184280   | 0.17   | cps   |
| Dysprosium | 156-1 | 20467    | 20559    | 20417    | 20481    | 0.35   | cps   |
| Dysprosium | 156-2 | 4621     | 4424     | 4541     | 4529     | 2.18   | cps   |
| Erbium     | 164-1 | 18672    | 18305    | 18389    | 18455    | 1.04   | cps   |
| Erbium     | 164-2 | 3424     | 3290     | 3304     | 3339     | 2.20   | cps   |
| Gadolinium | 160-1 | 21018    | 21460    | 20767    | 21082    | 1.66   | cps   |
| Gadolinium | 160-2 | 5204     | 5258     | 5258     | 5240     | 0.59   | cps   |
| Holmium    | 165-1 | 10374633 | 10117179 | 10407494 | 10299769 | 1.54   | cps   |
| Holmium    | 165-2 | 2022039  | 2071487  | 2052437  | 2048655  | 1.22   | cps   |
| Indium     | 115-1 | 7619762  | 7351098  | 7592975  | 7521278  | 1.97   | cps   |
| Indium     | 115-2 | 320957   | 322290   | 322251   | 321832   | 0.24   | cps   |
| Iron       | 56-2  | 24915238 | 24703785 | 24757729 | 24792251 | 0.44   | cps   |
| Iron       | 57-2  | 621611   | 613675   | 619242   | 618176   | 0.66   | cps   |
| Lead       | 206-1 | 334434   | 337351   | 333172   | 334986   | 0.64   | cps   |
| Lead       | 207-1 | 275011   | 279437   | 274954   | 276467   | 0.93   | cps   |
| Lead       | 208-1 | 1287249  | 1303887  | 1290375  | 1293837  | 0.68   | cps   |
| Lithium    | 6-1   | 1403619  | 1387409  | 1397694  | 1396241  | 0.59   | cps   |
| Magnesium  | 24-2  | 196345   | 191694   | 194115   | 194051   | 1.20   | cps   |
| Manganese  | 55-2  | 274185   | 271125   | 272430   | 272580   | 0.56   | cps   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB94089             | Operator :        | Jaswal    |
| Lab Sample ID :         | J1989-05            | Instrumnet Name : | P8        |
| Client Sample ID :      | MJHRA4              | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2018-03-22 15:49:19 | DataFile Name :   | 067SMPL.d |

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|------------|-------|----------|----------|----------|----------|--------|-------|
| Molybdenum | 94-1  | 3792     | 3634     | 3867     | 3765     | 3.16   | cps   |
| Molybdenum | 95-1  | 1650     | 1509     | 1492     | 1550     | 5.61   | cps   |
| Molybdenum | 96-1  | 2575     | 2500     | 2392     | 2489     | 3.70   | cps   |
| Molybdenum | 97-1  | 942      | 883      | 900      | 908      | 3.31   | cps   |
| Molybdenum | 98-1  | 2384     | 2217     | 2442     | 2348     | 4.97   | cps   |
| Neodymium  | 150-1 | 28933    | 28458    | 28979    | 28790    | 1.00   | cps   |
| Neodymium  | 150-2 | 3637     | 3607     | 3721     | 3655     | 1.61   | cps   |
| Nickel     | 60-2  | 13874    | 13410    | 13680    | 13655    | 1.71   | cps   |
| Phosphorus | 31-2  | 617      | 558      | 633      | 603      | 6.53   | cps   |
| Potassium  | 39-2  | 16711    | 16552    | 16377    | 16546    | 1.01   | cps   |
| Rhodium    | 103-1 | 6884442  | 6675147  | 6862516  | 6807368  | 1.69   | cps   |
| Rhodium    | 103-2 | 1831414  | 1870504  | 1873076  | 1858332  | 1.26   | cps   |
| Scandium   | 45-1  | 3899528  | 3771833  | 3845614  | 3838991  | 1.67   | cps   |
| Scandium   | 45-2  | 33874    | 34603    | 34850    | 34442    | 1.47   | cps   |
| Selenium   | 77-2  | 17       | 10       | 30       | 19       | 53.91  | cps   |
| Selenium   | 78-2  | 7        | 15       | 9        | 10       | 36.70  | cps   |
| Selenium   | 82-1  | 64       | -6       | 2        | 20       | 188.11 | cps   |
| Silicon    | 28-1  | 2881594  | 2868678  | 2828261  | 2859511  | 0.97   | cps   |
| Silver     | 109-1 | 908      | 1100     | 1133     | 1047     | 11.60  | cps   |
| Silver     | 107-1 | 1208     | 1534     | 1267     | 1336     | 12.97  | cps   |
| Sodium     | 23-2  | 42799    | 42757    | 42214    | 42590    | 0.77   | cps   |
| Strontium  | 86-1  | 228318   | 231158   | 225109   | 228195   | 1.33   | cps   |
| Strontium  | 88-1  | 2036161  | 2010461  | 2026399  | 2024340  | 0.64   | cps   |
| Sulfur     | 34-1  | 180125   | 176497   | 178589   | 178404   | 1.02   | cps   |
| Terbium    | 159-1 | 10581009 | 10503926 | 10742382 | 10609105 | 1.15   | cps   |
| Terbium    | 159-2 | 1971999  | 2004944  | 1993963  | 1990302  | 0.84   | cps   |
| Thallium   | 203-1 | 1358     | 1359     | 1542     | 1420     | 7.46   | cps   |
| Thallium   | 205-1 | 3251     | 3051     | 3117     | 3139     | 3.24   | cps   |
| Tin        | 118-1 | 20608    | 20792    | 20742    | 20714    | 0.46   | cps   |
| Titanium   | 47-1  | 76718    | 76844    | 75453    | 76339    | 1.01   | cps   |
| Uranium    | 238-1 | 4601     | 4243     | 4126     | 4323     | 5.73   | cps   |
| Vanadium   | 51-2  | 57206    | 57605    | 56848    | 57220    | 0.66   | cps   |
| Yttrium    | 89-1  | 7791726  | 7623101  | 7879578  | 7764802  | 1.68   | cps   |
| Yttrium    | 89-2  | 245111   | 247689   | 244131   | 245644   | 0.75   | cps   |
| Zinc       | 66-2  | 18780    | 17955    | 18516    | 18417    | 2.29   | cps   |
| Zirconium  | 90-1  | 8203     | 7911     | 9170     | 8428     | 7.82   | cps   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB94089             | Operator :        | Jaswal    |
| Lab Sample ID :         | J1989-05            | Instrumnet Name : | P8        |
| Client Sample ID :      | MJHRA4              | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2018-03-22 15:49:19 | DataFile Name :   | 067SMPL.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|-----------|------|------|------|------|---------|--------|-------|
| Zirconium | 91-1 | 2017 | 2142 | 2175 | 2111    | 3.95   | cps   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB94089             | Operator :        | Jaswal    |
| Lab Sample ID :         | J1989-06            | Instrumnet Name : | P8        |
| Client Sample ID :      | MJHRA5              | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2018-03-22 15:52:39 | DataFile Name :   | 068SMPL.d |

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|------------|-------|----------|----------|----------|----------|--------|-------|
| Aluminium  | 27-2  | 192690   | 191364   | 196314   | 193456   | 1.32   | cps   |
| Antimony   | 121-1 | 70243    | 69993    | 69934    | 70057    | 0.23   | cps   |
| Arsenic    | 75-2  | 8625     | 8488     | 8445     | 8519     | 1.10   | cps   |
| Barium     | 135-1 | 219390   | 218324   | 219695   | 219136   | 0.33   | cps   |
| Barium     | 137-1 | 381045   | 381390   | 378609   | 380348   | 0.40   | cps   |
| Beryllium  | 9-1   | 733      | 672      | 644      | 683      | 6.65   | cps   |
| Bismuth    | 209-1 | 6941874  | 6924399  | 7155329  | 7007201  | 1.83   | cps   |
| Bismuth    | 209-2 | 1611218  | 1657276  | 1604132  | 1624209  | 1.78   | cps   |
| Boron      | 10-1  | 742      | 517      | 425      | 561      | 29.04  | cps   |
| Boron      | 11-1  | 2384     | 2600     | 2417     | 2467     | 4.73   | cps   |
| Cadmium    | 111-1 | 1440     | 1501     | 1497     | 1480     | 2.31   | cps   |
| Cadmium    | 106-1 | 1383     | 1342     | 1392     | 1372     | 1.95   | cps   |
| Cadmium    | 108-1 | 100      | 138      | 146      | 128      | 19.11  | cps   |
| Calcium    | 43-1  | 155021   | 153774   | 152765   | 153853   | 0.73   | cps   |
| Calcium    | 44-1  | 2555514  | 2547018  | 2532471  | 2545001  | 0.46   | cps   |
| Chromium   | 52-2  | 48945    | 48882    | 49022    | 48950    | 0.14   | cps   |
| Cobalt     | 59-2  | 55862    | 53944    | 54617    | 54807    | 1.77   | cps   |
| Copper     | 63-2  | 185087   | 185432   | 186611   | 185710   | 0.43   | cps   |
| Dysprosium | 156-1 | 25417    | 26102    | 24900    | 25473    | 2.37   | cps   |
| Dysprosium | 156-2 | 5485     | 5311     | 5648     | 5481     | 3.07   | cps   |
| Erbium     | 164-1 | 22495    | 21894    | 21936    | 22109    | 1.52   | cps   |
| Erbium     | 164-2 | 3954     | 3891     | 4074     | 3973     | 2.34   | cps   |
| Gadolinium | 160-1 | 26202    | 24816    | 25985    | 25668    | 2.90   | cps   |
| Gadolinium | 160-2 | 6388     | 6719     | 6662     | 6590     | 2.68   | cps   |
| Holmium    | 165-1 | 10169829 | 10069093 | 10342233 | 10193718 | 1.36   | cps   |
| Holmium    | 165-2 | 2003598  | 2070168  | 2011699  | 2028488  | 1.79   | cps   |
| Indium     | 115-1 | 7524041  | 7417668  | 7493214  | 7478308  | 0.73   | cps   |
| Indium     | 115-2 | 319784   | 324743   | 324928   | 323152   | 0.90   | cps   |
| Iron       | 56-2  | 30346530 | 29984228 | 29822676 | 30051145 | 0.89   | cps   |
| Iron       | 57-2  | 755145   | 747483   | 745831   | 749486   | 0.66   | cps   |
| Lead       | 206-1 | 299022   | 295792   | 292210   | 295675   | 1.15   | cps   |
| Lead       | 207-1 | 244597   | 245209   | 241116   | 243641   | 0.91   | cps   |
| Lead       | 208-1 | 1148685  | 1144702  | 1138857  | 1144081  | 0.43   | cps   |
| Lithium    | 6-1   | 1366686  | 1377759  | 1426068  | 1390171  | 2.27   | cps   |
| Magnesium  | 24-2  | 220375   | 216432   | 219833   | 218880   | 0.98   | cps   |
| Manganese  | 55-2  | 475550   | 471248   | 471449   | 472749   | 0.51   | cps   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB94089             | Operator :        | Jaswal    |
| Lab Sample ID :         | J1989-06            | Instrumnet Name : | P8        |
| Client Sample ID :      | MJHRA5              | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2018-03-22 15:52:39 | DataFile Name :   | 068SMPL.d |

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|------------|-------|----------|----------|----------|----------|--------|-------|
| Molybdenum | 94-1  | 4368     | 4176     | 3917     | 4154     | 5.44   | cps   |
| Molybdenum | 95-1  | 1300     | 1283     | 1283     | 1289     | 0.75   | cps   |
| Molybdenum | 96-1  | 2484     | 2592     | 2442     | 2506     | 3.09   | cps   |
| Molybdenum | 97-1  | 875      | 650      | 800      | 775      | 14.78  | cps   |
| Molybdenum | 98-1  | 2200     | 2042     | 1892     | 2045     | 7.54   | cps   |
| Neodymium  | 150-1 | 36278    | 36438    | 37267    | 36661    | 1.45   | cps   |
| Neodymium  | 150-2 | 4544     | 4741     | 4541     | 4609     | 2.49   | cps   |
| Nickel     | 60-2  | 15746    | 15342    | 15742    | 15610    | 1.49   | cps   |
| Phosphorus | 31-2  | 683      | 742      | 708      | 711      | 4.12   | cps   |
| Potassium  | 39-2  | 17178    | 16861    | 17278    | 17106    | 1.27   | cps   |
| Rhodium    | 103-1 | 6802122  | 6726374  | 6814921  | 6781139  | 0.71   | cps   |
| Rhodium    | 103-2 | 1859206  | 1888211  | 1875109  | 1874175  | 0.78   | cps   |
| Scandium   | 45-1  | 3848426  | 3825143  | 3850467  | 3841345  | 0.37   | cps   |
| Scandium   | 45-2  | 34175    | 34770    | 34610    | 34518    | 0.89   | cps   |
| Selenium   | 77-2  | 20       | 17       | 27       | 21       | 24.12  | cps   |
| Selenium   | 78-2  | 7        | 13       | 11       | 10       | 26.93  | cps   |
| Selenium   | 82-1  | 72       | 31       | 39       | 47       | 45.56  | cps   |
| Silicon    | 28-1  | 3455575  | 3429150  | 3423400  | 3436042  | 0.50   | cps   |
| Silver     | 109-1 | 1125     | 1133     | 1067     | 1108     | 3.28   | cps   |
| Silver     | 107-1 | 1083     | 1133     | 1100     | 1106     | 2.30   | cps   |
| Sodium     | 23-2  | 39949    | 37901    | 39013    | 38954    | 2.63   | cps   |
| Strontium  | 86-1  | 298767   | 299670   | 298506   | 298981   | 0.20   | cps   |
| Strontium  | 88-1  | 2655856  | 2628174  | 2673743  | 2652591  | 0.87   | cps   |
| Sulfur     | 34-1  | 183477   | 182514   | 182564   | 182852   | 0.30   | cps   |
| Terbium    | 159-1 | 10565818 | 10431914 | 10747186 | 10581639 | 1.50   | cps   |
| Terbium    | 159-2 | 1947222  | 2018753  | 1974484  | 1980153  | 1.82   | cps   |
| Thallium   | 203-1 | 1183     | 992      | 1375     | 1183     | 16.20  | cps   |
| Thallium   | 205-1 | 2742     | 2750     | 2817     | 2770     | 1.48   | cps   |
| Tin        | 118-1 | 11489    | 11605    | 10455    | 11183    | 5.66   | cps   |
| Titanium   | 47-1  | 69758    | 71434    | 72245    | 71146    | 1.78   | cps   |
| Uranium    | 238-1 | 4126     | 4676     | 4234     | 4345     | 6.71   | cps   |
| Vanadium   | 51-2  | 65546    | 64575    | 64237    | 64786    | 1.05   | cps   |
| Yttrium    | 89-1  | 7845323  | 7703718  | 7915694  | 7821578  | 1.38   | cps   |
| Yttrium    | 89-2  | 242617   | 251110   | 249809   | 247845   | 1.85   | cps   |
| Zinc       | 66-2  | 20619    | 20222    | 20162    | 20334    | 1.22   | cps   |
| Zirconium  | 90-1  | 9337     | 9003     | 9028     | 9123     | 2.04   | cps   |



|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB94089             | Operator :        | Jaswal    |
| Lab Sample ID :         | J1989-06            | Instrumnet Name : | P8        |
| Client Sample ID :      | MJHRA5              | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2018-03-22 15:52:39 | DataFile Name :   | 068SMPL.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|-----------|------|------|------|------|---------|--------|-------|
| Zirconium | 91-1 | 2134 | 2242 | 1892 | 2089    | 8.58   | cps   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB94089             | Operator :        | Jaswal    |
| Lab Sample ID :         | J1989-07            | Instrumnet Name : | P8        |
| Client Sample ID :      | MJHRA6              | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2018-03-22 15:55:57 | DataFile Name :   | 069SMPL.d |

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|------------|-------|----------|----------|----------|----------|--------|-------|
| Aluminium  | 27-2  | 116433   | 115736   | 115476   | 115881   | 0.43   | cps   |
| Antimony   | 121-1 | 70939    | 69984    | 70210    | 70378    | 0.71   | cps   |
| Arsenic    | 75-2  | 11216    | 11509    | 11021    | 11248    | 2.18   | cps   |
| Barium     | 135-1 | 333193   | 330012   | 331507   | 331571   | 0.48   | cps   |
| Barium     | 137-1 | 579195   | 578736   | 578358   | 578763   | 0.07   | cps   |
| Beryllium  | 9-1   | 628      | 594      | 606      | 609      | 2.79   | cps   |
| Bismuth    | 209-1 | 7302921  | 7133840  | 7111545  | 7182769  | 1.46   | cps   |
| Bismuth    | 209-2 | 1664197  | 1682141  | 1719484  | 1688607  | 1.67   | cps   |
| Boron      | 10-1  | 333      | 333      | 300      | 322      | 5.97   | cps   |
| Boron      | 11-1  | 1775     | 1809     | 1775     | 1786     | 1.08   | cps   |
| Cadmium    | 111-1 | 1891     | 1916     | 2009     | 1939     | 3.21   | cps   |
| Cadmium    | 106-1 | 1325     | 1267     | 1425     | 1339     | 5.98   | cps   |
| Cadmium    | 108-1 | 100      | 154      | 108      | 121      | 24.14  | cps   |
| Calcium    | 43-1  | 77690    | 77473    | 77715    | 77626    | 0.17   | cps   |
| Calcium    | 44-1  | 1267548  | 1297100  | 1298515  | 1287721  | 1.36   | cps   |
| Chromium   | 52-2  | 43220    | 42505    | 42628    | 42784    | 0.89   | cps   |
| Cobalt     | 59-2  | 35412    | 35913    | 34850    | 35392    | 1.50   | cps   |
| Copper     | 63-2  | 370470   | 367353   | 365614   | 367812   | 0.67   | cps   |
| Dysprosium | 156-1 | 14859    | 15076    | 15710    | 15215    | 2.91   | cps   |
| Dysprosium | 156-2 | 3100     | 3100     | 2857     | 3019     | 4.65   | cps   |
| Erbium     | 164-1 | 13207    | 12823    | 13174    | 13068    | 1.63   | cps   |
| Erbium     | 164-2 | 2370     | 2297     | 2294     | 2320     | 1.87   | cps   |
| Gadolinium | 160-1 | 15210    | 14901    | 14917    | 15009    | 1.16   | cps   |
| Gadolinium | 160-2 | 3751     | 3811     | 3587     | 3716     | 3.11   | cps   |
| Holmium    | 165-1 | 10731805 | 10556337 | 10317697 | 10535280 | 1.97   | cps   |
| Holmium    | 165-2 | 2081506  | 2083647  | 2122677  | 2095943  | 1.11   | cps   |
| Indium     | 115-1 | 7874180  | 7670849  | 7510416  | 7685148  | 2.37   | cps   |
| Indium     | 115-2 | 326687   | 330596   | 334906   | 330730   | 1.24   | cps   |
| Iron       | 56-2  | 20522837 | 20307225 | 20184570 | 20338211 | 0.84   | cps   |
| Iron       | 57-2  | 507250   | 501916   | 503166   | 504111   | 0.55   | cps   |
| Lead       | 206-1 | 979383   | 986581   | 988178   | 984714   | 0.48   | cps   |
| Lead       | 207-1 | 836795   | 838013   | 837647   | 837485   | 0.07   | cps   |
| Lead       | 208-1 | 3933947  | 3939483  | 3952742  | 3942058  | 0.25   | cps   |
| Lithium    | 6-1   | 1414768  | 1411450  | 1402453  | 1409557  | 0.45   | cps   |
| Magnesium  | 24-2  | 83746    | 84409    | 82857    | 83671    | 0.93   | cps   |
| Manganese  | 55-2  | 247496   | 246463   | 246169   | 246710   | 0.28   | cps   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB94089             | Operator :        | Jaswal    |
| Lab Sample ID :         | J1989-07            | Instrumnet Name : | P8        |
| Client Sample ID :      | MJHRA6              | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2018-03-22 15:55:57 | DataFile Name :   | 069SMPL.d |

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|------------|-------|----------|----------|----------|----------|--------|-------|
| Molybdenum | 94-1  | 10338    | 9829     | 10263    | 10143    | 2.71   | cps   |
| Molybdenum | 95-1  | 12565    | 13424    | 12865    | 12951    | 3.37   | cps   |
| Molybdenum | 96-1  | 14367    | 14817    | 14492    | 14558    | 1.60   | cps   |
| Molybdenum | 97-1  | 8203     | 7986     | 7552     | 7914     | 4.19   | cps   |
| Molybdenum | 98-1  | 21117    | 20116    | 21176    | 20803    | 2.86   | cps   |
| Neodymium  | 150-1 | 21365    | 20069    | 20784    | 20739    | 3.13   | cps   |
| Neodymium  | 150-2 | 2567     | 2667     | 2600     | 2611     | 1.95   | cps   |
| Nickel     | 60-2  | 11091    | 11205    | 11148    | 11148    | 0.51   | cps   |
| Phosphorus | 31-2  | 575      | 617      | 567      | 586      | 4.57   | cps   |
| Potassium  | 39-2  | 11764    | 12172    | 12197    | 12045    | 2.02   | cps   |
| Rhodium    | 103-1 | 7187025  | 6911800  | 6813914  | 6970913  | 2.78   | cps   |
| Rhodium    | 103-2 | 1897800  | 1910103  | 1940707  | 1916203  | 1.15   | cps   |
| Scandium   | 45-1  | 3944701  | 3902769  | 3852700  | 3900057  | 1.18   | cps   |
| Scandium   | 45-2  | 34092    | 34556    | 34028    | 34225    | 0.84   | cps   |
| Selenium   | 77-2  | 13       | 20       | 13       | 16       | 24.76  | cps   |
| Selenium   | 78-2  | 9        | 7        | 4        | 7        | 41.70  | cps   |
| Selenium   | 82-1  | 37       | 66       | 4        | 35       | 88.21  | cps   |
| Silicon    | 28-1  | 3743479  | 3774896  | 3765923  | 3761433  | 0.43   | cps   |
| Silver     | 109-1 | 625      | 942      | 883      | 817      | 20.64  | cps   |
| Silver     | 107-1 | 908      | 783      | 933      | 875      | 9.19   | cps   |
| Sodium     | 23-2  | 15668    | 14791    | 15309    | 15256    | 2.89   | cps   |
| Strontium  | 86-1  | 145039   | 142825   | 146436   | 144766   | 1.26   | cps   |
| Strontium  | 88-1  | 1270353  | 1270741  | 1277076  | 1272723  | 0.30   | cps   |
| Sulfur     | 34-1  | 192770   | 193118   | 192055   | 192648   | 0.28   | cps   |
| Terbium    | 159-1 | 10918647 | 10871044 | 10714859 | 10834850 | 0.98   | cps   |
| Terbium    | 159-2 | 2011599  | 2010129  | 2046104  | 2022611  | 1.01   | cps   |
| Thallium   | 203-1 | 1350     | 1409     | 1550     | 1436     | 7.16   | cps   |
| Thallium   | 205-1 | 3192     | 3009     | 3201     | 3134     | 3.46   | cps   |
| Tin        | 118-1 | 27855    | 27588    | 27997    | 27813    | 0.75   | cps   |
| Titanium   | 47-1  | 183791   | 189549   | 184828   | 186056   | 1.65   | cps   |
| Uranium    | 238-1 | 4876     | 4976     | 4910     | 4921     | 1.04   | cps   |
| Vanadium   | 51-2  | 61514    | 60503    | 60490    | 60836    | 0.97   | cps   |
| Yttrium    | 89-1  | 8056019  | 7913176  | 7841797  | 7936997  | 1.37   | cps   |
| Yttrium    | 89-2  | 245171   | 248994   | 253487   | 249217   | 1.67   | cps   |
| Zinc       | 66-2  | 70414    | 70026    | 70448    | 70296    | 0.33   | cps   |
| Zirconium  | 90-1  | 7828     | 7402     | 7994     | 7741     | 3.94   | cps   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB94089             | Operator :        | Jaswal    |
| Lab Sample ID :         | J1989-07            | Instrumnet Name : | P8        |
| Client Sample ID :      | MJHRA6              | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2018-03-22 15:55:57 | DataFile Name :   | 069SMPL.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|-----------|------|------|------|------|---------|--------|-------|
| Zirconium | 91-1 | 1800 | 2009 | 1975 | 1928    | 5.81   | cps   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB94089             | Operator :        | Jaswal    |
| Lab Sample ID :         | J1989-08            | Instrumnet Name : | P8        |
| Client Sample ID :      | MJHRA7              | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2018-03-22 15:59:16 | DataFile Name :   | 070SMPL.d |

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|------------|-------|----------|----------|----------|----------|--------|-------|
| Aluminium  | 27-2  | 328436   | 323091   | 324155   | 325227   | 0.87   | cps   |
| Antimony   | 121-1 | 190944   | 188148   | 188521   | 189204   | 0.80   | cps   |
| Arsenic    | 75-2  | 23780    | 23746    | 22771    | 23432    | 2.45   | cps   |
| Barium     | 135-1 | 79666    | 81434    | 80251    | 80450    | 1.12   | cps   |
| Barium     | 137-1 | 141308   | 138687   | 140986   | 140327   | 1.02   | cps   |
| Beryllium  | 9-1   | 861      | 844      | 817      | 841      | 2.67   | cps   |
| Bismuth    | 209-1 | 7026199  | 7084578  | 6988993  | 7033257  | 0.69   | cps   |
| Bismuth    | 209-2 | 1637632  | 1641857  | 1684460  | 1654650  | 1.57   | cps   |
| Boron      | 10-1  | 725      | 658      | 908      | 764      | 16.95  | cps   |
| Boron      | 11-1  | 3751     | 3917     | 3801     | 3823     | 2.24   | cps   |
| Cadmium    | 111-1 | 1531     | 1477     | 1394     | 1467     | 4.69   | cps   |
| Cadmium    | 106-1 | 1433     | 1417     | 1375     | 1408     | 2.13   | cps   |
| Cadmium    | 108-1 | 92       | 75       | 92       | 86       | 11.18  | cps   |
| Calcium    | 43-1  | 40317    | 40392    | 41395    | 40702    | 1.48   | cps   |
| Calcium    | 44-1  | 670920   | 666175   | 668371   | 668489   | 0.36   | cps   |
| Chromium   | 52-2  | 70758    | 71498    | 69589    | 70615    | 1.36   | cps   |
| Cobalt     | 59-2  | 65829    | 65108    | 65734    | 65557    | 0.60   | cps   |
| Copper     | 63-2  | 240123   | 241812   | 237267   | 239734   | 0.96   | cps   |
| Dysprosium | 156-1 | 29651    | 29718    | 28983    | 29451    | 1.38   | cps   |
| Dysprosium | 156-2 | 6472     | 6415     | 6432     | 6439     | 0.45   | cps   |
| Erbium     | 164-1 | 27037    | 26252    | 25685    | 26325    | 2.58   | cps   |
| Erbium     | 164-2 | 5161     | 4758     | 4864     | 4928     | 4.24   | cps   |
| Gadolinium | 160-1 | 30294    | 28891    | 29493    | 29559    | 2.38   | cps   |
| Gadolinium | 160-2 | 7716     | 7275     | 7689     | 7560     | 3.27   | cps   |
| Holmium    | 165-1 | 10602709 | 10453008 | 10266740 | 10440819 | 1.61   | cps   |
| Holmium    | 165-2 | 2073541  | 2055645  | 2096103  | 2075096  | 0.98   | cps   |
| Indium     | 115-1 | 7666338  | 7551223  | 7454216  | 7557259  | 1.41   | cps   |
| Indium     | 115-2 | 328144   | 322619   | 329185   | 326649   | 1.08   | cps   |
| Iron       | 56-2  | 39116277 | 38895749 | 38391484 | 38801170 | 0.96   | cps   |
| Iron       | 57-2  | 969041   | 962429   | 961260   | 964244   | 0.44   | cps   |
| Lead       | 206-1 | 136554   | 137536   | 135840   | 136643   | 0.62   | cps   |
| Lead       | 207-1 | 113043   | 113447   | 111720   | 112737   | 0.80   | cps   |
| Lead       | 208-1 | 527481   | 531581   | 527005   | 528689   | 0.48   | cps   |
| Lithium    | 6-1   | 1418487  | 1431981  | 1400627  | 1417032  | 1.11   | cps   |
| Magnesium  | 24-2  | 54572    | 54589    | 54489    | 54550    | 0.10   | cps   |
| Manganese  | 55-2  | 452847   | 450557   | 445874   | 449759   | 0.79   | cps   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB94089             | Operator :        | Jaswal    |
| Lab Sample ID :         | J1989-08            | Instrumnet Name : | P8        |
| Client Sample ID :      | MJHRA7              | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2018-03-22 15:59:16 | DataFile Name :   | 070SMPL.d |

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|------------|-------|----------|----------|----------|----------|--------|-------|
| Molybdenum | 94-1  | 6527     | 6835     | 6844     | 6735     | 2.68   | cps   |
| Molybdenum | 95-1  | 1392     | 1300     | 1483     | 1392     | 6.59   | cps   |
| Molybdenum | 96-1  | 3242     | 3442     | 3376     | 3353     | 3.04   | cps   |
| Molybdenum | 97-1  | 1033     | 875      | 808      | 906      | 12.76  | cps   |
| Molybdenum | 98-1  | 2100     | 2225     | 2275     | 2200     | 4.10   | cps   |
| Neodymium  | 150-1 | 36351    | 36692    | 36465    | 36502    | 0.48   | cps   |
| Neodymium  | 150-2 | 4528     | 4618     | 4621     | 4589     | 1.15   | cps   |
| Nickel     | 60-2  | 23490    | 22692    | 22779    | 22987    | 1.90   | cps   |
| Phosphorus | 31-2  | 508      | 475      | 558      | 514      | 8.16   | cps   |
| Potassium  | 39-2  | 5902     | 6135     | 6068     | 6035     | 1.99   | cps   |
| Rhodium    | 103-1 | 6987731  | 6844528  | 6752664  | 6861641  | 1.73   | cps   |
| Rhodium    | 103-2 | 1906994  | 1866684  | 1887860  | 1887179  | 1.07   | cps   |
| Scandium   | 45-1  | 4157553  | 4057063  | 3993115  | 4069244  | 2.04   | cps   |
| Scandium   | 45-2  | 36317    | 35194    | 35869    | 35794    | 1.58   | cps   |
| Selenium   | 77-2  | 20       | 7        | 20       | 16       | 49.47  | cps   |
| Selenium   | 78-2  | 17       | 26       | 17       | 20       | 27.06  | cps   |
| Selenium   | 82-1  | 13       | 31       | 75       | 39       | 81.13  | cps   |
| Silicon    | 28-1  | 6154624  | 6135502  | 6135032  | 6141719  | 0.18   | cps   |
| Silver     | 109-1 | 875      | 875      | 742      | 831      | 9.27   | cps   |
| Silver     | 107-1 | 1000     | 958      | 867      | 942      | 7.24   | cps   |
| Sodium     | 23-2  | 14249    | 13632    | 13874    | 13918    | 2.23   | cps   |
| Strontium  | 86-1  | 82404    | 80093    | 80789    | 81095    | 1.46   | cps   |
| Strontium  | 88-1  | 693428   | 690651   | 694361   | 692813   | 0.28   | cps   |
| Sulfur     | 34-1  | 174607   | 171571   | 170650   | 172276   | 1.20   | cps   |
| Terbium    | 159-1 | 10884289 | 10794663 | 10617355 | 10765436 | 1.26   | cps   |
| Terbium    | 159-2 | 2006974  | 1992584  | 1989241  | 1996267  | 0.47   | cps   |
| Thallium   | 203-1 | 3026     | 2792     | 2775     | 2864     | 4.88   | cps   |
| Thallium   | 205-1 | 7002     | 6527     | 6860     | 6797     | 3.59   | cps   |
| Tin        | 118-1 | 6377     | 6552     | 6343     | 6424     | 1.74   | cps   |
| Titanium   | 47-1  | 55068    | 55268    | 56021    | 55452    | 0.91   | cps   |
| Uranium    | 238-1 | 3226     | 3492     | 3609     | 3442     | 5.71   | cps   |
| Vanadium   | 51-2  | 80151    | 79437    | 79792    | 79794    | 0.45   | cps   |
| Yttrium    | 89-1  | 8020301  | 7886038  | 7873864  | 7926734  | 1.03   | cps   |
| Yttrium    | 89-2  | 253040   | 248385   | 251352   | 250926   | 0.94   | cps   |
| Zinc       | 66-2  | 14057    | 14558    | 13931    | 14182    | 2.34   | cps   |
| Zirconium  | 90-1  | 15585    | 16536    | 15960    | 16027    | 2.99   | cps   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB94089             | Operator :        | Jaswal    |
| Lab Sample ID :         | J1989-08            | Instrumnet Name : | P8        |
| Client Sample ID :      | MJHRA7              | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2018-03-22 15:59:16 | DataFile Name :   | 070SMPL.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|-----------|------|------|------|------|---------|--------|-------|
| Zirconium | 91-1 | 3717 | 3676 | 3992 | 3795    | 4.54   | cps   |

|                         |                     |                   |          |
|-------------------------|---------------------|-------------------|----------|
| LB Number :             | LB94089             | Operator :        | Jaswal   |
| Lab Sample ID :         | CCV009              | Instrumnet Name : | P8       |
| Client Sample ID :      | CCV009              | Dilution Factor : | 1        |
| Date & Time Acquired :: | 2018-03-22 16:02:34 | DataFile Name :   | 071CCV.d |

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|------------|-------|----------|----------|----------|----------|--------|-------|
| Aluminium  | 27-2  | 192985   | 193231   | 191753   | 192657   | 0.41   | cps   |
| Antimony   | 121-1 | 3127524  | 3139864  | 3122269  | 3129886  | 0.29   | cps   |
| Arsenic    | 75-2  | 31963    | 31835    | 32351    | 32049    | 0.84   | cps   |
| Barium     | 135-1 | 3437910  | 3457121  | 3416921  | 3437317  | 0.58   | cps   |
| Barium     | 137-1 | 5879079  | 5883395  | 5895078  | 5885851  | 0.14   | cps   |
| Beryllium  | 9-1   | 318632   | 319556   | 317800   | 318663   | 0.28   | cps   |
| Bismuth    | 209-1 | 6772964  | 6842013  | 6771999  | 6795659  | 0.59   | cps   |
| Bismuth    | 209-2 | 1504015  | 1500306  | 1525052  | 1509791  | 0.88   | cps   |
| Boron      | 10-1  | 35019    | 37843    | 37349    | 36737    | 4.11   | cps   |
| Boron      | 11-1  | 173452   | 177696   | 179770   | 176972   | 1.82   | cps   |
| Cadmium    | 111-1 | 624440   | 624742   | 626788   | 625324   | 0.20   | cps   |
| Cadmium    | 106-1 | 66339    | 66498    | 66724    | 66520    | 0.29   | cps   |
| Cadmium    | 108-1 | 44327    | 44273    | 44741    | 44447    | 0.58   | cps   |
| Calcium    | 43-1  | 2842322  | 2811099  | 2799536  | 2817653  | 0.79   | cps   |
| Calcium    | 44-1  | 45694894 | 45736934 | 45450402 | 45627410 | 0.34   | cps   |
| Chromium   | 52-2  | 257689   | 256592   | 258409   | 257563   | 0.36   | cps   |
| Cobalt     | 59-2  | 540959   | 540461   | 542156   | 541192   | 0.16   | cps   |
| Copper     | 63-2  | 907600   | 904695   | 912706   | 908334   | 0.45   | cps   |
| Dysprosium | 156-1 | 100      | 100      | 108      | 103      | 4.68   | cps   |
| Dysprosium | 156-2 | 20       | 20       | 17       | 19       | 10.18  | cps   |
| Erbium     | 164-1 | 108      | 50       | 42       | 67       | 54.49  | cps   |
| Erbium     | 164-2 | 23       | 7        | 20       | 17       | 52.90  | cps   |
| Gadolinium | 160-1 | 125      | 42       | 125      | 97       | 49.49  | cps   |
| Gadolinium | 160-2 | 20       | 27       | 27       | 24       | 15.75  | cps   |
| Holmium    | 165-1 | 10177018 | 10217497 | 10066661 | 10153725 | 0.77   | cps   |
| Holmium    | 165-2 | 2020095  | 1990414  | 2031567  | 2014025  | 1.05   | cps   |
| Indium     | 115-1 | 7134208  | 7200974  | 7090957  | 7142047  | 0.78   | cps   |
| Indium     | 115-2 | 299083   | 296315   | 302488   | 299295   | 1.03   | cps   |
| Iron       | 56-2  | 42484987 | 41918297 | 42020941 | 42141408 | 0.72   | cps   |
| Iron       | 57-2  | 1053247  | 1041473  | 1052887  | 1049203  | 0.64   | cps   |
| Lead       | 206-1 | 2314868  | 2321251  | 2357208  | 2331109  | 0.98   | cps   |
| Lead       | 207-1 | 2147386  | 2144355  | 2154353  | 2148698  | 0.24   | cps   |
| Lead       | 208-1 | 9519957  | 9515100  | 9583444  | 9539501  | 0.40   | cps   |
| Lithium    | 6-1   | 1225897  | 1260222  | 1212611  | 1232910  | 1.99   | cps   |
| Magnesium  | 24-2  | 4513845  | 4542960  | 4526942  | 4527916  | 0.32   | cps   |
| Manganese  | 55-2  | 146192   | 143545   | 144902   | 144879   | 0.91   | cps   |



|                         |                     |                   |          |
|-------------------------|---------------------|-------------------|----------|
| LB Number :             | LB94089             | Operator :        | Jaswal   |
| Lab Sample ID :         | CCV009              | Instrumnet Name : | P8       |
| Client Sample ID :      | CCV009              | Dilution Factor : | 1        |
| Date & Time Acquired :: | 2018-03-22 16:02:34 | DataFile Name :   | 071CCV.d |

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|------------|-------|----------|----------|----------|----------|--------|-------|
| Molybdenum | 94-1  | 5088718  | 5105349  | 5124305  | 5106124  | 0.35   | cps   |
| Molybdenum | 95-1  | 6294090  | 6304517  | 6297307  | 6298638  | 0.08   | cps   |
| Molybdenum | 96-1  | 7038832  | 6976877  | 6958695  | 6991468  | 0.60   | cps   |
| Molybdenum | 97-1  | 3936098  | 3927562  | 3941712  | 3935124  | 0.18   | cps   |
| Molybdenum | 98-1  | 10087759 | 10006302 | 10053159 | 10049073 | 0.41   | cps   |
| Neodymium  | 150-1 | 287      | 293      | 253      | 278      | 7.71   | cps   |
| Neodymium  | 150-2 | 17       | 10       | 27       | 18       | 47.19  | cps   |
| Nickel     | 60-2  | 157327   | 157493   | 159377   | 158066   | 0.72   | cps   |
| Phosphorus | 31-2  | 2775     | 2559     | 2834     | 2723     | 5.32   | cps   |
| Potassium  | 39-2  | 1248076  | 1207076  | 1232552  | 1229235  | 1.68   | cps   |
| Rhodium    | 103-1 | 6321081  | 6342336  | 6260901  | 6308106  | 0.67   | cps   |
| Rhodium    | 103-2 | 1717413  | 1685420  | 1745433  | 1716088  | 1.75   | cps   |
| Scandium   | 45-1  | 3531156  | 3530190  | 3518477  | 3526607  | 0.20   | cps   |
| Scandium   | 45-2  | 30216    | 29909    | 31422    | 30516    | 2.62   | cps   |
| Selenium   | 77-2  | 237      | 260      | 203      | 233      | 12.21  | cps   |
| Selenium   | 78-2  | 819      | 754      | 667      | 746      | 10.21  | cps   |
| Selenium   | 82-1  | 37021    | 37527    | 37160    | 37236    | 0.70   | cps   |
| Silicon    | 28-1  | 1237279  | 1241668  | 1261044  | 1246664  | 1.01   | cps   |
| Silver     | 109-1 | 2953751  | 2948531  | 2959610  | 2953964  | 0.19   | cps   |
| Silver     | 107-1 | 3073953  | 3038210  | 3044871  | 3052345  | 0.62   | cps   |
| Sodium     | 23-2  | 10758894 | 10691827 | 10745775 | 10732165 | 0.33   | cps   |
| Strontium  | 86-1  | 795989   | 794907   | 792672   | 794523   | 0.21   | cps   |
| Strontium  | 88-1  | 6928687  | 6975182  | 6978833  | 6960901  | 0.40   | cps   |
| Sulfur     | 34-1  | 419683   | 416544   | 419199   | 418475   | 0.40   | cps   |
| Terbium    | 159-1 | 10451421 | 10604587 | 10356649 | 10470886 | 1.19   | cps   |
| Terbium    | 159-2 | 1923631  | 1919032  | 1936929  | 1926530  | 0.48   | cps   |
| Thallium   | 203-1 | 2877941  | 2853815  | 2866402  | 2866053  | 0.42   | cps   |
| Thallium   | 205-1 | 6744302  | 6794718  | 6777901  | 6772307  | 0.38   | cps   |
| Tin        | 118-1 | 2209230  | 2201753  | 2181316  | 2197433  | 0.66   | cps   |
| Titanium   | 47-1  | 1400358  | 1424176  | 1414999  | 1413178  | 0.85   | cps   |
| Uranium    | 238-1 | 9626636  | 9607917  | 9708556  | 9647703  | 0.55   | cps   |
| Vanadium   | 51-2  | 191597   | 189993   | 190878   | 190823   | 0.42   | cps   |
| Yttrium    | 89-1  | 7212545  | 7334091  | 7270132  | 7272256  | 0.84   | cps   |
| Yttrium    | 89-2  | 226499   | 224647   | 228088   | 226411   | 0.76   | cps   |
| Zinc       | 66-2  | 86608    | 85351    | 86625    | 86195    | 0.85   | cps   |
| Zirconium  | 90-1  | 4282682  | 4317460  | 4268617  | 4289586  | 0.59   | cps   |

|                         |                     |                   |          |
|-------------------------|---------------------|-------------------|----------|
| LB Number :             | LB94089             | Operator :        | Jaswal   |
| Lab Sample ID :         | CCV009              | Instrumnet Name : | P8       |
| Client Sample ID :      | CCV009              | Dilution Factor : | 1        |
| Date & Time Acquired :: | 2018-03-22 16:02:34 | DataFile Name :   | 071CCV.d |

| Parameter | Mass | CPS1   | CPS2   | CPS3   | CPSMean | CPSRSD | Units |
|-----------|------|--------|--------|--------|---------|--------|-------|
| Zirconium | 91-1 | 930266 | 929146 | 938184 | 932532  | 0.53   | cps   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB94089             | Operator :        | Jaswal    |
| Lab Sample ID :         | CCB009              | Instrumnet Name : | P8        |
| Client Sample ID :      | CCB009              | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2018-03-22 16:05:45 | DataFile Name :   | 072CCBE.d |

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|------------|-------|----------|----------|----------|----------|--------|-------|
| Aluminium  | 27-2  | 17       | 17       | 25       | 19       | 24.73  | cps   |
| Antimony   | 121-1 | 9370     | 10271    | 10355    | 9999     | 5.46   | cps   |
| Arsenic    | 75-2  | 28       | 13       | 28       | 23       | 37.46  | cps   |
| Barium     | 135-1 | 83       | 83       | 100      | 89       | 10.83  | cps   |
| Barium     | 137-1 | 142      | 167      | 158      | 156      | 8.18   | cps   |
| Beryllium  | 9-1   | 211      | 233      | 183      | 209      | 11.97  | cps   |
| Bismuth    | 209-1 | 7273176  | 7236661  | 7062692  | 7190843  | 1.56   | cps   |
| Bismuth    | 209-2 | 1660140  | 1663828  | 1728554  | 1684174  | 2.28   | cps   |
| Boron      | 10-1  | 1192     | 1208     | 1042     | 1147     | 8.00   | cps   |
| Boron      | 11-1  | 6152     | 5184     | 4676     | 5337     | 14.04  | cps   |
| Cadmium    | 111-1 | 926      | 1024     | 983      | 978      | 5.05   | cps   |
| Cadmium    | 106-1 | 1200     | 1367     | 1367     | 1311     | 7.34   | cps   |
| Cadmium    | 108-1 | 8        | 17       | 4        | 10       | 65.47  | cps   |
| Calcium    | 43-1  | 308      | 550      | 425      | 428      | 28.25  | cps   |
| Calcium    | 44-1  | 8153     | 8595     | 8445     | 8397     | 2.68   | cps   |
| Chromium   | 52-2  | 167      | 147      | 123      | 146      | 14.90  | cps   |
| Cobalt     | 59-2  | 43       | 33       | 27       | 34       | 24.35  | cps   |
| Copper     | 63-2  | 183      | 227      | 217      | 209      | 10.86  | cps   |
| Dysprosium | 156-1 | 17       | 25       | 25       | 22       | 21.64  | cps   |
| Dysprosium | 156-2 | 0        | 0        | 0        | 0        | 0.00   | cps   |
| Erbium     | 164-1 | 25       | 42       | 50       | 39       | 32.73  | cps   |
| Erbium     | 164-2 | 13       | 3        | 13       | 10       | 57.75  | cps   |
| Gadolinium | 160-1 | 17       | 58       | 8        | 28       | 96.44  | cps   |
| Gadolinium | 160-2 | 3        | 3        | 17       | 8        | 99.04  | cps   |
| Holmium    | 165-1 | 10317729 | 10424444 | 10105040 | 10282404 | 1.58   | cps   |
| Holmium    | 165-2 | 2044890  | 2057635  | 2080059  | 2060861  | 0.86   | cps   |
| Indium     | 115-1 | 7551369  | 7558146  | 7440219  | 7516578  | 0.88   | cps   |
| Indium     | 115-2 | 320512   | 323823   | 325622   | 323319   | 0.80   | cps   |
| Iron       | 56-2  | 4351     | 4490     | 4167     | 4336     | 3.73   | cps   |
| Iron       | 57-2  | 150      | 111      | 111      | 124      | 18.09  | cps   |
| Lead       | 206-1 | 472      | 489      | 450      | 470      | 4.15   | cps   |
| Lead       | 207-1 | 528      | 439      | 444      | 470      | 10.59  | cps   |
| Lead       | 208-1 | 2061     | 1967     | 1917     | 1982     | 3.70   | cps   |
| Lithium    | 6-1   | 1332025  | 1335063  | 1339584  | 1335557  | 0.28   | cps   |
| Magnesium  | 24-2  | 150      | 208      | 183      | 181      | 16.21  | cps   |
| Manganese  | 55-2  | 47       | 40       | 50       | 46       | 11.18  | cps   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB94089             | Operator :        | Jaswal    |
| Lab Sample ID :         | CCB009              | Instrumnet Name : | P8        |
| Client Sample ID :      | CCB009              | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2018-03-22 16:05:45 | DataFile Name :   | 072CCBE.d |

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|------------|-------|----------|----------|----------|----------|--------|-------|
| Molybdenum | 94-1  | 2050     | 2342     | 2750     | 2381     | 14.77  | cps   |
| Molybdenum | 95-1  | 2809     | 3834     | 4501     | 3715     | 22.95  | cps   |
| Molybdenum | 96-1  | 3426     | 4076     | 4818     | 4106     | 16.96  | cps   |
| Molybdenum | 97-1  | 1909     | 2550     | 2917     | 2459     | 20.76  | cps   |
| Molybdenum | 98-1  | 5451     | 6135     | 7519     | 6368     | 16.54  | cps   |
| Neodymium  | 150-1 | 7        | 0        | 13       | 7        | 99.98  | cps   |
| Neodymium  | 150-2 | 0        | 0        | 0        | 0        | 0.00   | cps   |
| Nickel     | 60-2  | 287      | 210      | 187      | 228      | 22.97  | cps   |
| Phosphorus | 31-2  | 8        | 0        | 0        | 3        | 173.21 | cps   |
| Potassium  | 39-2  | 1784     | 2059     | 1959     | 1934     | 7.20   | cps   |
| Rhodium    | 103-1 | 6871815  | 6731716  | 6740120  | 6781217  | 1.16   | cps   |
| Rhodium    | 103-2 | 1862934  | 1872490  | 1878417  | 1871281  | 0.42   | cps   |
| Scandium   | 45-1  | 3706785  | 3741690  | 3687096  | 3711857  | 0.74   | cps   |
| Scandium   | 45-2  | 32371    | 32130    | 32488    | 32330    | 0.56   | cps   |
| Selenium   | 77-2  | 0        | 0        | 0        | 0        | 0.00   | cps   |
| Selenium   | 78-2  | 2        | 0        | 6        | 2        | 114.63 | cps   |
| Selenium   | 82-1  | -31      | 65       | 83       | 39       | 155.61 | cps   |
| Silicon    | 28-1  | 241296   | 238895   | 241892   | 240694   | 0.66   | cps   |
| Silver     | 109-1 | 217      | 233      | 242      | 231      | 5.52   | cps   |
| Silver     | 107-1 | 275      | 350      | 233      | 286      | 20.66  | cps   |
| Sodium     | 23-2  | 5476     | 5176     | 5084     | 5246     | 3.91   | cps   |
| Strontium  | 86-1  | 317      | 308      | 392      | 339      | 13.54  | cps   |
| Strontium  | 88-1  | 292      | 200      | 217      | 236      | 20.68  | cps   |
| Sulfur     | 34-1  | 238717   | 237487   | 236968   | 237724   | 0.38   | cps   |
| Terbium    | 159-1 | 10684923 | 10668360 | 10528993 | 10627425 | 0.81   | cps   |
| Terbium    | 159-2 | 2001073  | 1982426  | 1977123  | 1986874  | 0.63   | cps   |
| Thallium   | 203-1 | 983      | 717      | 817      | 839      | 16.06  | cps   |
| Thallium   | 205-1 | 2517     | 1959     | 1909     | 2128     | 15.87  | cps   |
| Tin        | 118-1 | 2242     | 2517     | 2400     | 2386     | 5.79   | cps   |
| Titanium   | 47-1  | 100      | 142      | 150      | 131      | 20.52  | cps   |
| Uranium    | 238-1 | 308      | 350      | 317      | 325      | 6.78   | cps   |
| Vanadium   | 51-2  | 3        | 7        | 7        | 6        | 34.70  | cps   |
| Yttrium    | 89-1  | 7520392  | 7463037  | 7400133  | 7461187  | 0.81   | cps   |
| Yttrium    | 89-2  | 235525   | 236335   | 239698   | 237186   | 0.93   | cps   |
| Zinc       | 66-2  | 27       | 27       | 23       | 26       | 7.55   | cps   |
| Zirconium  | 90-1  | 758      | 850      | 917      | 842      | 9.45   | cps   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB94089             | Operator :        | Jaswal    |
| Lab Sample ID :         | CCB009              | Instrumnet Name : | P8        |
| Client Sample ID :      | CCB009              | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2018-03-22 16:05:45 | DataFile Name :   | 072CCBE.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|-----------|------|------|------|------|---------|--------|-------|
| Zirconium | 91-1 | 192  | 250  | 150  | 197     | 25.47  | cps   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB94089             | Operator :        | Jaswal    |
| Lab Sample ID :         | J1989-09            | Instrumnet Name : | P8        |
| Client Sample ID :      | MJHRA8              | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2018-03-22 16:09:06 | DataFile Name :   | 073SMPL.d |

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|------------|-------|----------|----------|----------|----------|--------|-------|
| Aluminium  | 27-2  | 284265   | 282086   | 284331   | 283561   | 0.45   | cps   |
| Antimony   | 121-1 | 218873   | 220854   | 219053   | 219593   | 0.50   | cps   |
| Arsenic    | 75-2  | 20348    | 20296    | 19964    | 20203    | 1.03   | cps   |
| Barium     | 135-1 | 97895    | 97566    | 97995    | 97819    | 0.23   | cps   |
| Barium     | 137-1 | 169888   | 168756   | 170437   | 169694   | 0.51   | cps   |
| Beryllium  | 9-1   | 933      | 1011     | 995      | 980      | 4.18   | cps   |
| Bismuth    | 209-1 | 7304418  | 7098323  | 6078324  | 6827022  | 9.62   | cps   |
| Bismuth    | 209-2 | 1638785  | 1663642  | 1715130  | 1672519  | 2.33   | cps   |
| Boron      | 10-1  | 1175     | 1075     | 1167     | 1139     | 4.87   | cps   |
| Boron      | 11-1  | 5193     | 4901     | 5009     | 5034     | 2.93   | cps   |
| Cadmium    | 111-1 | 1510     | 1473     | 1435     | 1473     | 2.56   | cps   |
| Cadmium    | 106-1 | 1467     | 1300     | 1325     | 1364     | 6.59   | cps   |
| Cadmium    | 108-1 | 125      | 113      | 121      | 119      | 5.33   | cps   |
| Calcium    | 43-1  | 50834    | 52340    | 52875    | 52017    | 2.03   | cps   |
| Calcium    | 44-1  | 846164   | 845418   | 855979   | 849187   | 0.69   | cps   |
| Chromium   | 52-2  | 65717    | 65754    | 65901    | 65790    | 0.15   | cps   |
| Cobalt     | 59-2  | 94071    | 93823    | 92196    | 93363    | 1.09   | cps   |
| Copper     | 63-2  | 262942   | 258734   | 259903   | 260526   | 0.83   | cps   |
| Dysprosium | 156-1 | 28583    | 29058    | 29468    | 29036    | 1.53   | cps   |
| Dysprosium | 156-2 | 6398     | 6242     | 6415     | 6352     | 1.51   | cps   |
| Erbium     | 164-1 | 25559    | 25877    | 25635    | 25690    | 0.65   | cps   |
| Erbium     | 164-2 | 5021     | 5028     | 4801     | 4950     | 2.61   | cps   |
| Gadolinium | 160-1 | 29760    | 29693    | 29226    | 29560    | 0.99   | cps   |
| Gadolinium | 160-2 | 7642     | 7646     | 7913     | 7734     | 2.00   | cps   |
| Holmium    | 165-1 | 10747041 | 10435651 | 9008452  | 10063715 | 9.21   | cps   |
| Holmium    | 165-2 | 2087257  | 2095891  | 2137939  | 2107029  | 1.29   | cps   |
| Indium     | 115-1 | 7802657  | 7645657  | 6597307  | 7348540  | 8.92   | cps   |
| Indium     | 115-2 | 325162   | 326717   | 334025   | 328635   | 1.44   | cps   |
| Iron       | 56-2  | 43380983 | 43113354 | 42655270 | 43049869 | 0.85   | cps   |
| Iron       | 57-2  | 1083744  | 1067090  | 1062669  | 1071168  | 1.04   | cps   |
| Lead       | 206-1 | 166324   | 164574   | 165914   | 165604   | 0.55   | cps   |
| Lead       | 207-1 | 138711   | 138165   | 137594   | 138157   | 0.40   | cps   |
| Lead       | 208-1 | 648661   | 642217   | 644137   | 645005   | 0.51   | cps   |
| Lithium    | 6-1   | 1384651  | 1361917  | 1213514  | 1320027  | 7.04   | cps   |
| Magnesium  | 24-2  | 67770    | 67988    | 67025    | 67595    | 0.75   | cps   |
| Manganese  | 55-2  | 577422   | 569486   | 570972   | 572627   | 0.74   | cps   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB94089             | Operator :        | Jaswal    |
| Lab Sample ID :         | J1989-09            | Instrumnet Name : | P8        |
| Client Sample ID :      | MJHRA8              | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2018-03-22 16:09:06 | DataFile Name :   | 073SMPL.d |

| Parameter  | Mass  | CPS1     | CPS2     | CPS3    | CPSMean  | CPSRSD | Units |
|------------|-------|----------|----------|---------|----------|--------|-------|
| Molybdenum | 94-1  | 7744     | 7602     | 7594    | 7647     | 1.10   | cps   |
| Molybdenum | 95-1  | 2109     | 2484     | 2959    | 2517     | 16.93  | cps   |
| Molybdenum | 96-1  | 3976     | 4609     | 4926    | 4504     | 10.74  | cps   |
| Molybdenum | 97-1  | 1575     | 1775     | 1742    | 1697     | 6.31   | cps   |
| Molybdenum | 98-1  | 3901     | 3967     | 4468    | 4112     | 7.53   | cps   |
| Neodymium  | 150-1 | 36625    | 37240    | 36318   | 36728    | 1.28   | cps   |
| Neodymium  | 150-2 | 4574     | 4638     | 4624    | 4612     | 0.72   | cps   |
| Nickel     | 60-2  | 23857    | 23427    | 23483   | 23589    | 0.99   | cps   |
| Phosphorus | 31-2  | 575      | 508      | 358     | 481      | 23.09  | cps   |
| Potassium  | 39-2  | 6410     | 5952     | 6585    | 6316     | 5.18   | cps   |
| Rhodium    | 103-1 | 6993867  | 6889000  | 5949618 | 6610828  | 8.70   | cps   |
| Rhodium    | 103-2 | 1868384  | 1884208  | 1906204 | 1886266  | 1.01   | cps   |
| Scandium   | 45-1  | 4118097  | 4092270  | 3606724 | 3939030  | 7.31   | cps   |
| Scandium   | 45-2  | 36484    | 36016    | 37133   | 36544    | 1.53   | cps   |
| Selenium   | 77-2  | 20       | 27       | 23      | 23       | 14.29  | cps   |
| Selenium   | 78-2  | 20       | 20       | 19      | 20       | 5.41   | cps   |
| Selenium   | 82-1  | 28       | 39       | 65      | 44       | 42.94  | cps   |
| Silicon    | 28-1  | 6281689  | 6309882  | 6321636 | 6304402  | 0.33   | cps   |
| Silver     | 109-1 | 1000     | 892      | 875     | 922      | 7.36   | cps   |
| Silver     | 107-1 | 900      | 1125     | 1025    | 1017     | 11.09  | cps   |
| Sodium     | 23-2  | 17269    | 17119    | 17003   | 17130    | 0.78   | cps   |
| Strontium  | 86-1  | 101459   | 100897   | 103867  | 102075   | 1.55   | cps   |
| Strontium  | 88-1  | 892825   | 885730   | 903943  | 894166   | 1.03   | cps   |
| Sulfur     | 34-1  | 220326   | 212006   | 208965  | 213766   | 2.75   | cps   |
| Terbium    | 159-1 | 11092118 | 10816923 | 9260963 | 10390001 | 9.50   | cps   |
| Terbium    | 159-2 | 2020406  | 2008024  | 2059561 | 2029330  | 1.33   | cps   |
| Thallium   | 203-1 | 4218     | 4401     | 4401    | 4340     | 2.44   | cps   |
| Thallium   | 205-1 | 11080    | 10755    | 10713   | 10850    | 1.85   | cps   |
| Tin        | 118-1 | 6452     | 6910     | 6752    | 6705     | 3.47   | cps   |
| Titanium   | 47-1  | 49722    | 49129    | 50007   | 49619    | 0.90   | cps   |
| Uranium    | 238-1 | 3601     | 3542     | 3576    | 3573     | 0.82   | cps   |
| Vanadium   | 51-2  | 85871    | 86059    | 85365   | 85765    | 0.42   | cps   |
| Yttrium    | 89-1  | 8228847  | 8017764  | 7069237 | 7771949  | 7.95   | cps   |
| Yttrium    | 89-2  | 252059   | 253129   | 254737  | 253308   | 0.53   | cps   |
| Zinc       | 66-2  | 17201    | 17441    | 17381   | 17341    | 0.72   | cps   |
| Zirconium  | 90-1  | 18682    | 16953    | 18021   | 17885    | 4.88   | cps   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB94089             | Operator :        | Jaswal    |
| Lab Sample ID :         | J1989-09            | Instrumnet Name : | P8        |
| Client Sample ID :      | MJHRA8              | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2018-03-22 16:09:06 | DataFile Name :   | 073SMPL.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|-----------|------|------|------|------|---------|--------|-------|
| Zirconium | 91-1 | 3909 | 4059 | 4026 | 3998    | 1.97   | cps   |



|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB94089             | Operator :        | Jaswal    |
| Lab Sample ID :         | J1989-10            | Instrumnet Name : | P8        |
| Client Sample ID :      | MJHRA9              | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2018-03-22 16:12:25 | DataFile Name :   | 074SMPL.d |

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|------------|-------|----------|----------|----------|----------|--------|-------|
| Aluminium  | 27-2  | 167500   | 167136   | 165218   | 166618   | 0.74   | cps   |
| Antimony   | 121-1 | 91505    | 89969    | 91739    | 91071    | 1.06   | cps   |
| Arsenic    | 75-2  | 11386    | 11130    | 11555    | 11357    | 1.88   | cps   |
| Barium     | 135-1 | 64139    | 64683    | 66116    | 64979    | 1.57   | cps   |
| Barium     | 137-1 | 113021   | 113593   | 111040   | 112551   | 1.19   | cps   |
| Beryllium  | 9-1   | 550      | 594      | 539      | 561      | 5.24   | cps   |
| Bismuth    | 209-1 | 7020393  | 7048506  | 6414865  | 6827921  | 5.24   | cps   |
| Bismuth    | 209-2 | 1571178  | 1619503  | 1616353  | 1602345  | 1.69   | cps   |
| Boron      | 10-1  | 1959     | 2134     | 2075     | 2056     | 4.33   | cps   |
| Boron      | 11-1  | 9545     | 10279    | 10396    | 10073    | 4.58   | cps   |
| Cadmium    | 111-1 | 1008     | 1055     | 916      | 993      | 7.10   | cps   |
| Cadmium    | 106-1 | 1217     | 1242     | 1033     | 1164     | 9.77   | cps   |
| Cadmium    | 108-1 | 75       | 50       | 46       | 57       | 27.70  | cps   |
| Calcium    | 43-1  | 108517   | 108105   | 108736   | 108453   | 0.30   | cps   |
| Calcium    | 44-1  | 1817366  | 1811239  | 1817342  | 1815315  | 0.19   | cps   |
| Chromium   | 52-2  | 30974    | 30430    | 30594    | 30666    | 0.91   | cps   |
| Cobalt     | 59-2  | 24979    | 25139    | 25650    | 25256    | 1.39   | cps   |
| Copper     | 63-2  | 125513   | 126967   | 125039   | 125840   | 0.80   | cps   |
| Dysprosium | 156-1 | 21201    | 20342    | 19899    | 20481    | 3.23   | cps   |
| Dysprosium | 156-2 | 4628     | 4591     | 4468     | 4562     | 1.84   | cps   |
| Erbium     | 164-1 | 16887    | 17237    | 17496    | 17207    | 1.78   | cps   |
| Erbium     | 164-2 | 3310     | 3154     | 3217     | 3227     | 2.44   | cps   |
| Gadolinium | 160-1 | 21268    | 21018    | 20041    | 20776    | 3.12   | cps   |
| Gadolinium | 160-2 | 5628     | 5358     | 5678     | 5555     | 3.10   | cps   |
| Holmium    | 165-1 | 10242086 | 10313454 | 9384085  | 9979875  | 5.18   | cps   |
| Holmium    | 165-2 | 2021327  | 2033337  | 2058585  | 2037749  | 0.93   | cps   |
| Indium     | 115-1 | 7500740  | 7552013  | 6891324  | 7314692  | 5.02   | cps   |
| Indium     | 115-2 | 323191   | 320718   | 325873   | 323261   | 0.80   | cps   |
| Iron       | 56-2  | 17129432 | 17109355 | 16942646 | 17060478 | 0.60   | cps   |
| Iron       | 57-2  | 425403   | 420418   | 422138   | 422653   | 0.60   | cps   |
| Lead       | 206-1 | 224906   | 225693   | 227492   | 226031   | 0.59   | cps   |
| Lead       | 207-1 | 190711   | 190103   | 189629   | 190148   | 0.29   | cps   |
| Lead       | 208-1 | 880438   | 882800   | 887923   | 883720   | 0.43   | cps   |
| Lithium    | 6-1   | 1349645  | 1336160  | 1272073  | 1319293  | 3.14   | cps   |
| Magnesium  | 24-2  | 158904   | 158709   | 157505   | 158373   | 0.48   | cps   |
| Manganese  | 55-2  | 101757   | 100199   | 100968   | 100975   | 0.77   | cps   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB94089             | Operator :        | Jaswal    |
| Lab Sample ID :         | J1989-10            | Instrumnet Name : | P8        |
| Client Sample ID :      | MJHRA9              | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2018-03-22 16:12:25 | DataFile Name :   | 074SMPL.d |

| Parameter  | Mass  | CPS1     | CPS2     | CPS3    | CPSMean  | CPSRSD | Units |
|------------|-------|----------|----------|---------|----------|--------|-------|
| Molybdenum | 94-1  | 7011     | 6544     | 6769    | 6774     | 3.45   | cps   |
| Molybdenum | 95-1  | 4368     | 4526     | 4634    | 4509     | 2.98   | cps   |
| Molybdenum | 96-1  | 5501     | 5843     | 6268    | 5871     | 6.55   | cps   |
| Molybdenum | 97-1  | 2850     | 2884     | 3059    | 2931     | 3.82   | cps   |
| Molybdenum | 98-1  | 6602     | 7619     | 7436    | 7219     | 7.51   | cps   |
| Neodymium  | 150-1 | 27777    | 28432    | 28719   | 28309    | 1.71   | cps   |
| Neodymium  | 150-2 | 3614     | 3654     | 3394    | 3554     | 3.94   | cps   |
| Nickel     | 60-2  | 10504    | 10921    | 10271   | 10565    | 3.12   | cps   |
| Phosphorus | 31-2  | 308      | 358      | 383     | 350      | 10.91  | cps   |
| Potassium  | 39-2  | 8328     | 8820     | 8603    | 8584     | 2.87   | cps   |
| Rhodium    | 103-1 | 6803455  | 6856157  | 6185947 | 6615186  | 5.63   | cps   |
| Rhodium    | 103-2 | 1852333  | 1872475  | 1891085 | 1871965  | 1.04   | cps   |
| Scandium   | 45-1  | 3847083  | 3859090  | 3534615 | 3746929  | 4.91   | cps   |
| Scandium   | 45-2  | 33918    | 33791    | 34352   | 34020    | 0.87   | cps   |
| Selenium   | 77-2  | 27       | 23       | 10      | 20       | 44.10  | cps   |
| Selenium   | 78-2  | 4        | 7        | 4       | 5        | 43.39  | cps   |
| Selenium   | 82-1  | 59       | 44       | 58      | 54       | 15.49  | cps   |
| Silicon    | 28-1  | 3015368  | 2797073  | 2838299 | 2883580  | 4.02   | cps   |
| Silver     | 109-1 | 617      | 600      | 642     | 619      | 3.39   | cps   |
| Silver     | 107-1 | 733      | 717      | 642     | 697      | 7.00   | cps   |
| Sodium     | 23-2  | 58555    | 58680    | 58355   | 58530    | 0.28   | cps   |
| Strontium  | 86-1  | 156899   | 155845   | 157044  | 156596   | 0.42   | cps   |
| Strontium  | 88-1  | 1418556  | 1368526  | 1416329 | 1401137  | 2.02   | cps   |
| Sulfur     | 34-1  | 187088   | 185458   | 186041  | 186196   | 0.44   | cps   |
| Terbium    | 159-1 | 10654604 | 10611349 | 9782799 | 10349584 | 4.75   | cps   |
| Terbium    | 159-2 | 1962641  | 1964482  | 1997052 | 1974725  | 0.98   | cps   |
| Thallium   | 203-1 | 1333     | 1625     | 1525    | 1495     | 9.92   | cps   |
| Thallium   | 205-1 | 3576     | 3401     | 3351    | 3442     | 3.43   | cps   |
| Tin        | 118-1 | 6385     | 6627     | 8822    | 7278     | 18.45  | cps   |
| Titanium   | 47-1  | 79459    | 82896    | 83908   | 82088    | 2.84   | cps   |
| Uranium    | 238-1 | 2959     | 3459     | 3434    | 3284     | 8.58   | cps   |
| Vanadium   | 51-2  | 41054    | 41823    | 41675   | 41517    | 0.98   | cps   |
| Yttrium    | 89-1  | 7847637  | 7842746  | 7094282 | 7594888  | 5.71   | cps   |
| Yttrium    | 89-2  | 244955   | 243298   | 249547  | 245933   | 1.32   | cps   |
| Zinc       | 66-2  | 6808     | 7149     | 6772    | 6910     | 3.01   | cps   |
| Zirconium  | 90-1  | 10938    | 11280    | 10204   | 10808    | 5.09   | cps   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB94089             | Operator :        | Jaswal    |
| Lab Sample ID :         | J1989-10            | Instrumnet Name : | P8        |
| Client Sample ID :      | MJHRA9              | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2018-03-22 16:12:25 | DataFile Name :   | 074SMPL.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|-----------|------|------|------|------|---------|--------|-------|
| Zirconium | 91-1 | 2392 | 2325 | 2592 | 2436    | 5.70   | cps   |

LB Number : LB94089 Operator : Jaswal  
 Lab Sample ID : J1989-11 Instrumnet Name : P8  
 Client Sample ID : MJHRB0 Dilution Factor : 1  
 Date & Time Acquired :: 2018-03-22 16:15:45 DataFile Name : 075SMPL.d

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|------------|-------|----------|----------|----------|----------|--------|-------|
| Aluminium  | 27-2  | 168767   | 168200   | 171288   | 169418   | 0.97   | cps   |
| Antimony   | 121-1 | 10855    | 11714    | 11597    | 11389    | 4.09   | cps   |
| Arsenic    | 75-2  | 5342     | 5551     | 5390     | 5428     | 2.02   | cps   |
| Barium     | 135-1 | 381557   | 385366   | 381730   | 382884   | 0.56   | cps   |
| Barium     | 137-1 | 666380   | 669021   | 664741   | 666714   | 0.32   | cps   |
| Beryllium  | 9-1   | 1022     | 995      | 1111     | 1043     | 5.85   | cps   |
| Bismuth    | 209-1 | 6968569  | 6972345  | 6858423  | 6933112  | 0.93   | cps   |
| Bismuth    | 209-2 | 1609551  | 1609884  | 1658284  | 1625906  | 1.72   | cps   |
| Boron      | 10-1  | 608      | 558      | 492      | 553      | 10.59  | cps   |
| Boron      | 11-1  | 2259     | 2109     | 2067     | 2145     | 4.70   | cps   |
| Cadmium    | 111-1 | 1298     | 1153     | 1096     | 1182     | 8.78   | cps   |
| Cadmium    | 106-1 | 1383     | 1200     | 1142     | 1242     | 10.16  | cps   |
| Cadmium    | 108-1 | 42       | 42       | 46       | 43       | 5.58   | cps   |
| Calcium    | 43-1  | 81017    | 80078    | 78428    | 79841    | 1.64   | cps   |
| Calcium    | 44-1  | 1308670  | 1335968  | 1326735  | 1323791  | 1.05   | cps   |
| Chromium   | 52-2  | 41294    | 41248    | 41000    | 41181    | 0.38   | cps   |
| Cobalt     | 59-2  | 73442    | 73895    | 73657    | 73665    | 0.31   | cps   |
| Copper     | 63-2  | 161229   | 161802   | 160392   | 161141   | 0.44   | cps   |
| Dysprosium | 156-1 | 29017    | 28482    | 29067    | 28855    | 1.12   | cps   |
| Dysprosium | 156-2 | 5941     | 6118     | 5828     | 5963     | 2.45   | cps   |
| Erbium     | 164-1 | 25184    | 24691    | 25877    | 25251    | 2.36   | cps   |
| Erbium     | 164-2 | 4558     | 4668     | 4784     | 4670     | 2.43   | cps   |
| Gadolinium | 160-1 | 28649    | 27639    | 28691    | 28326    | 2.10   | cps   |
| Gadolinium | 160-2 | 7462     | 7556     | 7175     | 7398     | 2.68   | cps   |
| Holmium    | 165-1 | 10239686 | 10436326 | 10108822 | 10261612 | 1.61   | cps   |
| Holmium    | 165-2 | 2046599  | 2002707  | 2069622  | 2039643  | 1.67   | cps   |
| Indium     | 115-1 | 7504024  | 7577352  | 7419350  | 7500242  | 1.05   | cps   |
| Indium     | 115-2 | 321765   | 319174   | 322339   | 321092   | 0.53   | cps   |
| Iron       | 56-2  | 25153283 | 25111606 | 24935976 | 25066955 | 0.46   | cps   |
| Iron       | 57-2  | 621149   | 624582   | 618340   | 621357   | 0.50   | cps   |
| Lead       | 206-1 | 54646    | 54149    | 54746    | 54513    | 0.59   | cps   |
| Lead       | 207-1 | 45214    | 46268    | 45783    | 45755    | 1.15   | cps   |
| Lead       | 208-1 | 212204   | 213841   | 212727   | 212924   | 0.39   | cps   |
| Lithium    | 6-1   | 1351775  | 1365118  | 1348463  | 1355119  | 0.65   | cps   |
| Magnesium  | 24-2  | 170038   | 171117   | 171042   | 170732   | 0.35   | cps   |
| Manganese  | 55-2  | 484703   | 482529   | 487803   | 485012   | 0.55   | cps   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB94089             | Operator :        | Jaswal    |
| Lab Sample ID :         | J1989-11            | Instrumnet Name : | P8        |
| Client Sample ID :      | MJHRB0              | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2018-03-22 16:15:45 | DataFile Name :   | 075SMPL.d |

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|------------|-------|----------|----------|----------|----------|--------|-------|
| Molybdenum | 94-1  | 3451     | 4084     | 4668     | 4068     | 14.97  | cps   |
| Molybdenum | 95-1  | 1784     | 1684     | 1959     | 1809     | 7.70   | cps   |
| Molybdenum | 96-1  | 2484     | 2684     | 2884     | 2684     | 7.45   | cps   |
| Molybdenum | 97-1  | 1083     | 1008     | 1058     | 1050     | 3.64   | cps   |
| Molybdenum | 98-1  | 2484     | 2492     | 2734     | 2570     | 5.53   | cps   |
| Neodymium  | 150-1 | 40088    | 39808    | 39948    | 39948    | 0.35   | cps   |
| Neodymium  | 150-2 | 5171     | 5218     | 5204     | 5198     | 0.46   | cps   |
| Nickel     | 60-2  | 16687    | 16450    | 15896    | 16344    | 2.48   | cps   |
| Phosphorus | 31-2  | 325      | 342      | 383      | 350      | 8.58   | cps   |
| Potassium  | 39-2  | 12923    | 12748    | 12298    | 12656    | 2.55   | cps   |
| Rhodium    | 103-1 | 6825024  | 6909613  | 6690876  | 6808504  | 1.62   | cps   |
| Rhodium    | 103-2 | 1874779  | 1849930  | 1879825  | 1868178  | 0.86   | cps   |
| Scandium   | 45-1  | 3906757  | 3971712  | 3827477  | 3901982  | 1.85   | cps   |
| Scandium   | 45-2  | 34716    | 34379    | 35054    | 34716    | 0.97   | cps   |
| Selenium   | 77-2  | 33       | 33       | 13       | 27       | 43.31  | cps   |
| Selenium   | 78-2  | 24       | 11       | 4        | 13       | 79.55  | cps   |
| Selenium   | 82-1  | -31      | 65       | -14      | 7        | 737.93 | cps   |
| Silicon    | 28-1  | 2919916  | 2821879  | 2870577  | 2870791  | 1.71   | cps   |
| Silver     | 109-1 | 692      | 633      | 650      | 658      | 4.56   | cps   |
| Silver     | 107-1 | 592      | 717      | 842      | 717      | 17.44  | cps   |
| Sodium     | 23-2  | 21225    | 21175    | 21859    | 21420    | 1.78   | cps   |
| Strontium  | 86-1  | 284664   | 282822   | 285092   | 284193   | 0.42   | cps   |
| Strontium  | 88-1  | 2547930  | 2505885  | 2539780  | 2531199  | 0.88   | cps   |
| Sulfur     | 34-1  | 184446   | 182126   | 180151   | 182241   | 1.18   | cps   |
| Terbium    | 159-1 | 10555644 | 10745337 | 10523072 | 10608017 | 1.13   | cps   |
| Terbium    | 159-2 | 1977325  | 1948304  | 1981748  | 1969126  | 0.92   | cps   |
| Thallium   | 203-1 | 1067     | 892      | 1033     | 997      | 9.32   | cps   |
| Thallium   | 205-1 | 2367     | 2459     | 2517     | 2448     | 3.09   | cps   |
| Tin        | 118-1 | 5218     | 4934     | 5351     | 5168     | 4.12   | cps   |
| Titanium   | 47-1  | 82728    | 82099    | 81805    | 82211    | 0.57   | cps   |
| Uranium    | 238-1 | 6427     | 6710     | 6677     | 6605     | 2.35   | cps   |
| Vanadium   | 51-2  | 70747    | 71036    | 72359    | 71381    | 1.20   | cps   |
| Yttrium    | 89-1  | 7931577  | 7967566  | 7838311  | 7912485  | 0.84   | cps   |
| Yttrium    | 89-2  | 250898   | 247292   | 253407   | 250532   | 1.23   | cps   |
| Zinc       | 66-2  | 14311    | 14201    | 14384    | 14299    | 0.65   | cps   |
| Zirconium  | 90-1  | 8520     | 8428     | 8620     | 8523     | 1.12   | cps   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB94089             | Operator :        | Jaswal    |
| Lab Sample ID :         | J1989-11            | Instrumnet Name : | P8        |
| Client Sample ID :      | MJHRB0              | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2018-03-22 16:15:45 | DataFile Name :   | 075SMPL.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|-----------|------|------|------|------|---------|--------|-------|
| Zirconium | 91-1 | 1942 | 1834 | 1934 | 1903    | 3.17   | cps   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB94089             | Operator :        | Jaswal    |
| Lab Sample ID :         | J1989-12            | Instrumnet Name : | P8        |
| Client Sample ID :      | MJHRB0D             | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2018-03-22 16:19:04 | DataFile Name :   | 076SMPL.d |

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|------------|-------|----------|----------|----------|----------|--------|-------|
| Aluminium  | 27-2  | 172418   | 170917   | 173735   | 172357   | 0.82   | cps   |
| Antimony   | 121-1 | 12031    | 12131    | 12431    | 12198    | 1.71   | cps   |
| Arsenic    | 75-2  | 5709     | 5440     | 5618     | 5589     | 2.45   | cps   |
| Barium     | 135-1 | 385348   | 383673   | 382858   | 383960   | 0.33   | cps   |
| Barium     | 137-1 | 673614   | 671355   | 664925   | 669965   | 0.67   | cps   |
| Beryllium  | 9-1   | 928      | 922      | 817      | 889      | 7.04   | cps   |
| Bismuth    | 209-1 | 6927983  | 6997169  | 6865748  | 6930300  | 0.95   | cps   |
| Bismuth    | 209-2 | 1614060  | 1610527  | 1620423  | 1615003  | 0.31   | cps   |
| Boron      | 10-1  | 367      | 500      | 358      | 408      | 19.47  | cps   |
| Boron      | 11-1  | 1925     | 2317     | 1892     | 2045     | 11.56  | cps   |
| Cadmium    | 111-1 | 1241     | 1278     | 1249     | 1256     | 1.57   | cps   |
| Cadmium    | 106-1 | 1333     | 1408     | 1367     | 1370     | 2.74   | cps   |
| Cadmium    | 108-1 | 79       | 71       | 71       | 74       | 6.54   | cps   |
| Calcium    | 43-1  | 79877    | 80046    | 78411    | 79444    | 1.13   | cps   |
| Calcium    | 44-1  | 1322576  | 1327202  | 1340372  | 1330050  | 0.69   | cps   |
| Chromium   | 52-2  | 41913    | 42230    | 41926    | 42023    | 0.43   | cps   |
| Cobalt     | 59-2  | 72166    | 73369    | 72688    | 72741    | 0.83   | cps   |
| Copper     | 63-2  | 167816   | 167741   | 167434   | 167664   | 0.12   | cps   |
| Dysprosium | 156-1 | 28190    | 28908    | 28198    | 28432    | 1.45   | cps   |
| Dysprosium | 156-2 | 6552     | 6152     | 6015     | 6239     | 4.47   | cps   |
| Erbium     | 164-1 | 25651    | 26528    | 25885    | 26022    | 1.74   | cps   |
| Erbium     | 164-2 | 4831     | 4744     | 4694     | 4757     | 1.45   | cps   |
| Gadolinium | 160-1 | 28131    | 28925    | 28039    | 28365    | 1.72   | cps   |
| Gadolinium | 160-2 | 7252     | 7212     | 7516     | 7327     | 2.25   | cps   |
| Holmium    | 165-1 | 10226208 | 10323237 | 10184968 | 10244804 | 0.69   | cps   |
| Holmium    | 165-2 | 2073107  | 2029169  | 2031982  | 2044753  | 1.20   | cps   |
| Indium     | 115-1 | 7440561  | 7611175  | 7573060  | 7541598  | 1.19   | cps   |
| Indium     | 115-2 | 325428   | 324509   | 321146   | 323694   | 0.70   | cps   |
| Iron       | 56-2  | 25116973 | 25366863 | 25244294 | 25242710 | 0.50   | cps   |
| Iron       | 57-2  | 624285   | 627306   | 624185   | 625259   | 0.28   | cps   |
| Lead       | 206-1 | 59121    | 59194    | 58178    | 58831    | 0.96   | cps   |
| Lead       | 207-1 | 49441    | 48967    | 49620    | 49343    | 0.68   | cps   |
| Lead       | 208-1 | 230716   | 230882   | 227625   | 229741   | 0.80   | cps   |
| Lithium    | 6-1   | 1343291  | 1386181  | 1382926  | 1370799  | 1.74   | cps   |
| Magnesium  | 24-2  | 174010   | 176397   | 176010   | 175472   | 0.73   | cps   |
| Manganese  | 55-2  | 468471   | 470538   | 471706   | 470239   | 0.35   | cps   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB94089             | Operator :        | Jaswal    |
| Lab Sample ID :         | J1989-12            | Instrumnet Name : | P8        |
| Client Sample ID :      | MJHRB0D             | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2018-03-22 16:19:04 | DataFile Name :   | 076SMPL.d |

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|------------|-------|----------|----------|----------|----------|--------|-------|
| Molybdenum | 94-1  | 4376     | 4126     | 4284     | 4262     | 2.97   | cps   |
| Molybdenum | 95-1  | 1759     | 1742     | 2042     | 1847     | 9.13   | cps   |
| Molybdenum | 96-1  | 2567     | 2909     | 3192     | 2889     | 10.83  | cps   |
| Molybdenum | 97-1  | 1283     | 1050     | 1267     | 1200     | 10.85  | cps   |
| Molybdenum | 98-1  | 2975     | 3292     | 3075     | 3114     | 5.20   | cps   |
| Neodymium  | 150-1 | 39560    | 39801    | 39754    | 39705    | 0.32   | cps   |
| Neodymium  | 150-2 | 5211     | 5345     | 5158     | 5238     | 1.84   | cps   |
| Nickel     | 60-2  | 16490    | 16530    | 16340    | 16453    | 0.61   | cps   |
| Phosphorus | 31-2  | 458      | 333      | 375      | 389      | 16.37  | cps   |
| Potassium  | 39-2  | 12681    | 12598    | 12131    | 12470    | 2.38   | cps   |
| Rhodium    | 103-1 | 6666488  | 6976509  | 6829460  | 6824152  | 2.27   | cps   |
| Rhodium    | 103-2 | 1881289  | 1868441  | 1844668  | 1864799  | 1.00   | cps   |
| Scandium   | 45-1  | 3888738  | 3972023  | 3881609  | 3914124  | 1.28   | cps   |
| Scandium   | 45-2  | 34957    | 34867    | 35037    | 34954    | 0.24   | cps   |
| Selenium   | 77-2  | 30       | 27       | 53       | 37       | 39.62  | cps   |
| Selenium   | 78-2  | 13       | 17       | 4        | 11       | 60.13  | cps   |
| Selenium   | 82-1  | -39      | 70       | 93       | 41       | 171.04 | cps   |
| Silicon    | 28-1  | 2844107  | 2965253  | 2830598  | 2879986  | 2.57   | cps   |
| Silver     | 109-1 | 633      | 575      | 617      | 608      | 4.94   | cps   |
| Silver     | 107-1 | 858      | 733      | 800      | 797      | 7.84   | cps   |
| Sodium     | 23-2  | 21784    | 20933    | 21676    | 21464    | 2.16   | cps   |
| Strontium  | 86-1  | 285857   | 289382   | 283667   | 286302   | 1.01   | cps   |
| Strontium  | 88-1  | 2558466  | 2564951  | 2576538  | 2566651  | 0.36   | cps   |
| Sulfur     | 34-1  | 180521   | 182209   | 181509   | 181413   | 0.47   | cps   |
| Terbium    | 159-1 | 10559812 | 10759911 | 10471290 | 10597004 | 1.40   | cps   |
| Terbium    | 159-2 | 1988812  | 1980826  | 1953575  | 1974404  | 0.94   | cps   |
| Thallium   | 203-1 | 925      | 1275     | 992      | 1064     | 17.47  | cps   |
| Thallium   | 205-1 | 2559     | 2284     | 2542     | 2461     | 6.27   | cps   |
| Tin        | 118-1 | 5101     | 5518     | 4976     | 5198     | 5.46   | cps   |
| Titanium   | 47-1  | 78871    | 80402    | 78436    | 79236    | 1.30   | cps   |
| Uranium    | 238-1 | 6802     | 6635     | 6469     | 6635     | 2.51   | cps   |
| Vanadium   | 51-2  | 70285    | 71686    | 70777    | 70916    | 1.00   | cps   |
| Yttrium    | 89-1  | 7826447  | 7999149  | 7870242  | 7898612  | 1.14   | cps   |
| Yttrium    | 89-2  | 252922   | 249021   | 248212   | 250051   | 1.01   | cps   |
| Zinc       | 66-2  | 14177    | 14137    | 14411    | 14242    | 1.04   | cps   |
| Zirconium  | 90-1  | 7811     | 7961     | 7652     | 7808     | 1.98   | cps   |



|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB94089             | Operator :        | Jaswal    |
| Lab Sample ID :         | J1989-12            | Instrumnet Name : | P8        |
| Client Sample ID :      | MJHRB0D             | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2018-03-22 16:19:04 | DataFile Name :   | 076SMPL.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|-----------|------|------|------|------|---------|--------|-------|
| Zirconium | 91-1 | 2117 | 1817 | 1900 | 1945    | 7.96   | cps   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB94089             | Operator :        | Jaswal    |
| Lab Sample ID :         | J1989-11LX5         | Instrumnet Name : | P8        |
| Client Sample ID :      | MJHRB0L             | Dilution Factor : | 5         |
| Date & Time Acquired :: | 2018-03-22 16:22:22 | DataFile Name :   | 077SMPL.d |

| Parameter  | Mass  | CPS1    | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|------------|-------|---------|----------|----------|----------|--------|-------|
| Aluminium  | 27-2  | 33232   | 34643    | 34368    | 34081    | 2.20   | cps   |
| Antimony   | 121-1 | 2642    | 2567     | 2817     | 2675     | 4.80   | cps   |
| Arsenic    | 75-2  | 1120    | 1093     | 1143     | 1119     | 2.24   | cps   |
| Barium     | 135-1 | 75626   | 75273    | 73680    | 74859    | 1.39   | cps   |
| Barium     | 137-1 | 132651  | 128605   | 130085   | 130447   | 1.57   | cps   |
| Beryllium  | 9-1   | 267     | 200      | 289      | 252      | 18.37  | cps   |
| Bismuth    | 209-1 | 6793671 | 6951888  | 6889336  | 6878298  | 1.16   | cps   |
| Bismuth    | 209-2 | 1680884 | 1628288  | 1623888  | 1644353  | 1.93   | cps   |
| Boron      | 10-1  | 225     | 242      | 225      | 231      | 4.17   | cps   |
| Boron      | 11-1  | 1167    | 1067     | 1117     | 1117     | 4.48   | cps   |
| Cadmium    | 111-1 | 787     | 894      | 770      | 817      | 8.21   | cps   |
| Cadmium    | 106-1 | 1042    | 1200     | 1033     | 1092     | 8.60   | cps   |
| Cadmium    | 108-1 | 13      | 13       | 17       | 14       | 17.33  | cps   |
| Calcium    | 43-1  | 15826   | 16452    | 16427    | 16235    | 2.18   | cps   |
| Calcium    | 44-1  | 264871  | 264311   | 265779   | 264987   | 0.28   | cps   |
| Chromium   | 52-2  | 8309    | 8446     | 8506     | 8420     | 1.20   | cps   |
| Cobalt     | 59-2  | 14945   | 14548    | 14661    | 14718    | 1.39   | cps   |
| Copper     | 63-2  | 31910   | 31954    | 32268    | 32044    | 0.61   | cps   |
| Dysprosium | 156-1 | 5460    | 5693     | 5610     | 5588     | 2.12   | cps   |
| Dysprosium | 156-2 | 1097    | 1110     | 1130     | 1112     | 1.51   | cps   |
| Erbium     | 164-1 | 5085    | 4584     | 4801     | 4823     | 5.20   | cps   |
| Erbium     | 164-2 | 930     | 933      | 887      | 917      | 2.84   | cps   |
| Gadolinium | 160-1 | 5643    | 5568     | 5493     | 5568     | 1.35   | cps   |
| Gadolinium | 160-2 | 1350    | 1477     | 1437     | 1421     | 4.56   | cps   |
| Holmium    | 165-1 | 9979446 | 10210072 | 10056397 | 10081972 | 1.16   | cps   |
| Holmium    | 165-2 | 2060513 | 2026282  | 2042143  | 2042980  | 0.84   | cps   |
| Indium     | 115-1 | 7336635 | 7545578  | 7438424  | 7440212  | 1.40   | cps   |
| Indium     | 115-2 | 330113  | 326264   | 327867   | 328082   | 0.59   | cps   |
| Iron       | 56-2  | 5043720 | 5014348  | 4996102  | 5018057  | 0.48   | cps   |
| Iron       | 57-2  | 122910  | 123548   | 123778   | 123412   | 0.36   | cps   |
| Lead       | 206-1 | 11005   | 10977    | 10983    | 10988    | 0.13   | cps   |
| Lead       | 207-1 | 9142    | 9137     | 9120     | 9133     | 0.13   | cps   |
| Lead       | 208-1 | 42189   | 43024    | 42367    | 42527    | 1.03   | cps   |
| Lithium    | 6-1   | 1338336 | 1364629  | 1321356  | 1341440  | 1.63   | cps   |
| Magnesium  | 24-2  | 33816   | 33657    | 34301    | 33925    | 0.99   | cps   |
| Manganese  | 55-2  | 96467   | 96866    | 96547    | 96627    | 0.22   | cps   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB94089             | Operator :        | Jaswal    |
| Lab Sample ID :         | J1989-11LX5         | Instrumnet Name : | P8        |
| Client Sample ID :      | MJHRB0L             | Dilution Factor : | 5         |
| Date & Time Acquired :: | 2018-03-22 16:22:22 | DataFile Name :   | 077SMPL.d |

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD   | Units |
|------------|-------|----------|----------|----------|----------|----------|-------|
| Molybdenum | 94-1  | 883      | 800      | 933      | 872      | 7.72     | cps   |
| Molybdenum | 95-1  | 517      | 442      | 608      | 522      | 15.99    | cps   |
| Molybdenum | 96-1  | 608      | 842      | 775      | 742      | 16.21    | cps   |
| Molybdenum | 97-1  | 275      | 267      | 392      | 311      | 22.46    | cps   |
| Molybdenum | 98-1  | 725      | 817      | 775      | 772      | 5.94     | cps   |
| Neodymium  | 150-1 | 7889     | 7482     | 7689     | 7687     | 2.65     | cps   |
| Neodymium  | 150-2 | 1093     | 1017     | 970      | 1027     | 6.07     | cps   |
| Nickel     | 60-2  | 3471     | 3494     | 3430     | 3465     | 0.92     | cps   |
| Phosphorus | 31-2  | 58       | 33       | 75       | 56       | 37.75    | cps   |
| Potassium  | 39-2  | 3651     | 4159     | 4159     | 3990     | 7.36     | cps   |
| Rhodium    | 103-1 | 6751850  | 6908524  | 6777795  | 6812723  | 1.23     | cps   |
| Rhodium    | 103-2 | 1896599  | 1865756  | 1868411  | 1876922  | 0.91     | cps   |
| Scandium   | 45-1  | 3767879  | 3837864  | 3826016  | 3810586  | 0.98     | cps   |
| Scandium   | 45-2  | 34242    | 33794    | 34489    | 34175    | 1.03     | cps   |
| Selenium   | 77-2  | 0        | 13       | 10       | 8        | 89.21    | cps   |
| Selenium   | 78-2  | 9        | 7        | 7        | 8        | 13.31    | cps   |
| Selenium   | 82-1  | 37       | 10       | -50      | -1       | -3252.65 | cps   |
| Silicon    | 28-1  | 865433   | 866911   | 906688   | 879677   | 2.66     | cps   |
| Silver     | 109-1 | 283      | 217      | 217      | 239      | 16.11    | cps   |
| Silver     | 107-1 | 233      | 192      | 225      | 217      | 10.18    | cps   |
| Sodium     | 23-2  | 6552     | 6619     | 6177     | 6449     | 3.69     | cps   |
| Strontium  | 86-1  | 57020    | 55949    | 55748    | 56239    | 1.22     | cps   |
| Strontium  | 88-1  | 489117   | 480456   | 484910   | 484828   | 0.89     | cps   |
| Sulfur     | 34-1  | 179745   | 180445   | 179619   | 179936   | 0.25     | cps   |
| Terbium    | 159-1 | 10280896 | 10650363 | 10438601 | 10456620 | 1.77     | cps   |
| Terbium    | 159-2 | 2025855  | 1951851  | 1977833  | 1985180  | 1.89     | cps   |
| Thallium   | 203-1 | 383      | 392      | 242      | 339      | 24.88    | cps   |
| Thallium   | 205-1 | 750      | 1067     | 767      | 861      | 20.70    | cps   |
| Tin        | 118-1 | 1959     | 1917     | 1734     | 1870     | 6.40     | cps   |
| Titanium   | 47-1  | 16895    | 16827    | 16669    | 16797    | 0.69     | cps   |
| Uranium    | 238-1 | 1233     | 1275     | 1400     | 1303     | 6.66     | cps   |
| Vanadium   | 51-2  | 13674    | 14267    | 14011    | 13984    | 2.13     | cps   |
| Yttrium    | 89-1  | 7586075  | 7648020  | 7591760  | 7608619  | 0.45     | cps   |
| Yttrium    | 89-2  | 248369   | 244241   | 245476   | 246029   | 0.86     | cps   |
| Zinc       | 66-2  | 2830     | 3010     | 2787     | 2876     | 4.12     | cps   |
| Zirconium  | 90-1  | 1825     | 1842     | 1775     | 1814     | 1.91     | cps   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB94089             | Operator :        | Jaswal    |
| Lab Sample ID :         | J1989-11LX5         | Instrumnet Name : | P8        |
| Client Sample ID :      | MJHRB0L             | Dilution Factor : | 5         |
| Date & Time Acquired :: | 2018-03-22 16:22:22 | DataFile Name :   | 077SMPL.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|-----------|------|------|------|------|---------|--------|-------|
| Zirconium | 91-1 | 475  | 575  | 483  | 511     | 10.86  | cps   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB94089             | Operator :        | Jaswal    |
| Lab Sample ID :         | J1989-13            | Instrumnet Name : | P8        |
| Client Sample ID :      | MJHRB0S             | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2018-03-22 16:25:43 | DataFile Name :   | 078SMPL.d |

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|------------|-------|----------|----------|----------|----------|--------|-------|
| Aluminium  | 27-2  | 170834   | 172400   | 171880   | 171705   | 0.46   | cps   |
| Antimony   | 121-1 | 138124   | 139303   | 141012   | 139480   | 1.04   | cps   |
| Arsenic    | 75-2  | 6066     | 6207     | 6274     | 6182     | 1.71   | cps   |
| Barium     | 135-1 | 936693   | 938963   | 946580   | 940745   | 0.55   | cps   |
| Barium     | 137-1 | 1679962  | 1682487  | 1685278  | 1682576  | 0.16   | cps   |
| Beryllium  | 9-1   | 7986     | 7491     | 8052     | 7843     | 3.91   | cps   |
| Bismuth    | 209-1 | 6906856  | 7026812  | 6939969  | 6957879  | 0.89   | cps   |
| Bismuth    | 209-2 | 1673141  | 1632645  | 1603274  | 1636353  | 2.14   | cps   |
| Boron      | 10-1  | 308      | 325      | 342      | 325      | 5.13   | cps   |
| Boron      | 11-1  | 1642     | 1884     | 1633     | 1720     | 8.26   | cps   |
| Cadmium    | 111-1 | 14261    | 14483    | 13877    | 14207    | 2.16   | cps   |
| Cadmium    | 106-1 | 2400     | 2367     | 2000     | 2256     | 9.84   | cps   |
| Cadmium    | 108-1 | 846      | 913      | 942      | 900      | 5.46   | cps   |
| Calcium    | 43-1  | 81227    | 80012    | 78797    | 80012    | 1.52   | cps   |
| Calcium    | 44-1  | 1326632  | 1325120  | 1305312  | 1319021  | 0.90   | cps   |
| Chromium   | 52-2  | 63878    | 64421    | 63781    | 64027    | 0.54   | cps   |
| Cobalt     | 59-2  | 196539   | 196430   | 195601   | 196190   | 0.26   | cps   |
| Copper     | 63-2  | 214218   | 216126   | 214939   | 215095   | 0.45   | cps   |
| Dysprosium | 156-1 | 29242    | 28782    | 28173    | 28732    | 1.87   | cps   |
| Dysprosium | 156-2 | 6082     | 5801     | 6041     | 5975     | 2.54   | cps   |
| Erbium     | 164-1 | 25752    | 25760    | 25217    | 25576    | 1.22   | cps   |
| Erbium     | 164-2 | 4648     | 4508     | 4851     | 4669     | 3.70   | cps   |
| Gadolinium | 160-1 | 28015    | 28089    | 29167    | 28424    | 2.27   | cps   |
| Gadolinium | 160-2 | 7249     | 7469     | 7115     | 7278     | 2.45   | cps   |
| Holmium    | 165-1 | 10210576 | 10487444 | 10219211 | 10305744 | 1.53   | cps   |
| Holmium    | 165-2 | 2092011  | 2079808  | 2014217  | 2062012  | 2.03   | cps   |
| Indium     | 115-1 | 7473376  | 7663797  | 7658136  | 7598437  | 1.43   | cps   |
| Indium     | 115-2 | 329897   | 326575   | 319578   | 325350   | 1.62   | cps   |
| Iron       | 56-2  | 25199435 | 25455612 | 25359503 | 25338184 | 0.51   | cps   |
| Iron       | 57-2  | 626433   | 627849   | 625579   | 626620   | 0.18   | cps   |
| Lead       | 206-1 | 74456    | 74205    | 73512    | 74058    | 0.66   | cps   |
| Lead       | 207-1 | 62347    | 62711    | 62716    | 62591    | 0.34   | cps   |
| Lead       | 208-1 | 290524   | 291033   | 291466   | 291008   | 0.16   | cps   |
| Lithium    | 6-1   | 1366805  | 1404886  | 1389341  | 1387011  | 1.38   | cps   |
| Magnesium  | 24-2  | 173790   | 174389   | 171927   | 173369   | 0.74   | cps   |
| Manganese  | 55-2  | 499147   | 497442   | 492384   | 496324   | 0.71   | cps   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB94089             | Operator :        | Jaswal    |
| Lab Sample ID :         | J1989-13            | Instrumnet Name : | P8        |
| Client Sample ID :      | MJHRB0S             | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2018-03-22 16:25:43 | DataFile Name :   | 078SMPL.d |

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|------------|-------|----------|----------|----------|----------|--------|-------|
| Molybdenum | 94-1  | 4076     | 3842     | 3992     | 3970     | 2.98   | cps   |
| Molybdenum | 95-1  | 1408     | 1592     | 1417     | 1472     | 7.03   | cps   |
| Molybdenum | 96-1  | 2442     | 2442     | 2800     | 2561     | 8.08   | cps   |
| Molybdenum | 97-1  | 1067     | 1058     | 1125     | 1083     | 3.35   | cps   |
| Molybdenum | 98-1  | 2092     | 2125     | 2425     | 2214     | 8.29   | cps   |
| Neodymium  | 150-1 | 39507    | 40911    | 39386    | 39935    | 2.12   | cps   |
| Neodymium  | 150-2 | 5188     | 5355     | 5168     | 5237     | 1.96   | cps   |
| Nickel     | 60-2  | 51478    | 51478    | 51468    | 51475    | 0.01   | cps   |
| Phosphorus | 31-2  | 292      | 408      | 383      | 361      | 17.01  | cps   |
| Potassium  | 39-2  | 12781    | 12981    | 12448    | 12737    | 2.12   | cps   |
| Rhodium    | 103-1 | 6820008  | 6958663  | 6856920  | 6878531  | 1.04   | cps   |
| Rhodium    | 103-2 | 1936079  | 1889136  | 1843265  | 1889493  | 2.46   | cps   |
| Scandium   | 45-1  | 3931241  | 4006289  | 3946515  | 3961348  | 1.00   | cps   |
| Scandium   | 45-2  | 35555    | 34987    | 35041    | 35194    | 0.89   | cps   |
| Selenium   | 77-2  | 43       | 50       | 43       | 46       | 8.45   | cps   |
| Selenium   | 78-2  | 59       | 41       | 54       | 51       | 18.55  | cps   |
| Selenium   | 82-1  | 1588     | 1679     | 1575     | 1614     | 3.49   | cps   |
| Silicon    | 28-1  | 2944689  | 2906713  | 2847853  | 2899752  | 1.68   | cps   |
| Silver     | 109-1 | 59524    | 58863    | 59389    | 59259    | 0.59   | cps   |
| Silver     | 107-1 | 61241    | 61358    | 62053    | 61550    | 0.71   | cps   |
| Sodium     | 23-2  | 20232    | 21267    | 20549    | 20682    | 2.56   | cps   |
| Strontium  | 86-1  | 285359   | 285080   | 284142   | 284860   | 0.22   | cps   |
| Strontium  | 88-1  | 2515827  | 2555535  | 2492341  | 2521234  | 1.27   | cps   |
| Sulfur     | 34-1  | 180201   | 181029   | 179172   | 180134   | 0.52   | cps   |
| Terbium    | 159-1 | 10646950 | 10683084 | 10774369 | 10701468 | 0.61   | cps   |
| Terbium    | 159-2 | 2018810  | 1982920  | 1963087  | 1988272  | 1.42   | cps   |
| Thallium   | 203-1 | 57012    | 58427    | 58368    | 57936    | 1.38   | cps   |
| Thallium   | 205-1 | 137303   | 138028   | 137286   | 137539   | 0.31   | cps   |
| Tin        | 118-1 | 4834     | 4943     | 5135     | 4971     | 3.06   | cps   |
| Titanium   | 47-1  | 82662    | 81362    | 80213    | 81412    | 1.51   | cps   |
| Uranium    | 238-1 | 6677     | 6335     | 6452     | 6488     | 2.68   | cps   |
| Vanadium   | 51-2  | 112682   | 113711   | 112631   | 113008   | 0.54   | cps   |
| Yttrium    | 89-1  | 7836722  | 8012437  | 7981203  | 7943454  | 1.18   | cps   |
| Yttrium    | 89-2  | 255991   | 253930   | 248093   | 252671   | 1.62   | cps   |
| Zinc       | 66-2  | 23584    | 23697    | 22983    | 23421    | 1.64   | cps   |
| Zirconium  | 90-1  | 8194     | 8570     | 7828     | 8197     | 4.53   | cps   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB94089             | Operator :        | Jaswal    |
| Lab Sample ID :         | J1989-13            | Instrumnet Name : | P8        |
| Client Sample ID :      | MJHRB0S             | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2018-03-22 16:25:43 | DataFile Name :   | 078SMPL.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|-----------|------|------|------|------|---------|--------|-------|
| Zirconium | 91-1 | 2034 | 1709 | 1942 | 1895    | 8.85   | cps   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB94089             | Operator :        | Jaswal    |
| Lab Sample ID :         | J1989-14            | Instrumnet Name : | P8        |
| Client Sample ID :      | MJHRB1              | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2018-03-22 16:29:01 | DataFile Name :   | 079SMPL.d |

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|------------|-------|----------|----------|----------|----------|--------|-------|
| Aluminium  | 27-2  | 218111   | 213754   | 214270   | 215378   | 1.11   | cps   |
| Antimony   | 121-1 | 146108   | 146301   | 147151   | 146520   | 0.38   | cps   |
| Arsenic    | 75-2  | 13425    | 13547    | 13214    | 13395    | 1.26   | cps   |
| Barium     | 135-1 | 93286    | 91944    | 92497    | 92575    | 0.73   | cps   |
| Barium     | 137-1 | 161728   | 159738   | 161601   | 161022   | 0.69   | cps   |
| Beryllium  | 9-1   | 678      | 678      | 656      | 670      | 1.91   | cps   |
| Bismuth    | 209-1 | 6797776  | 6919875  | 7027436  | 6915029  | 1.66   | cps   |
| Bismuth    | 209-2 | 1682953  | 1615278  | 1604234  | 1634155  | 2.61   | cps   |
| Boron      | 10-1  | 658      | 608      | 583      | 617      | 6.19   | cps   |
| Boron      | 11-1  | 2325     | 2692     | 2525     | 2514     | 7.30   | cps   |
| Cadmium    | 111-1 | 1238     | 1179     | 1410     | 1276     | 9.42   | cps   |
| Cadmium    | 106-1 | 1300     | 1225     | 1508     | 1345     | 10.92  | cps   |
| Cadmium    | 108-1 | 92       | 71       | 83       | 82       | 12.79  | cps   |
| Calcium    | 43-1  | 81042    | 81042    | 80112    | 80732    | 0.67   | cps   |
| Calcium    | 44-1  | 1344721  | 1347420  | 1333736  | 1341959  | 0.54   | cps   |
| Chromium   | 52-2  | 36782    | 36922    | 36277    | 36660    | 0.93   | cps   |
| Cobalt     | 59-2  | 37357    | 36715    | 36959    | 37010    | 0.88   | cps   |
| Copper     | 63-2  | 358710   | 359896   | 359861   | 359489   | 0.19   | cps   |
| Dysprosium | 156-1 | 37547    | 36017    | 36502    | 36689    | 2.13   | cps   |
| Dysprosium | 156-2 | 8093     | 8096     | 8126     | 8105     | 0.23   | cps   |
| Erbium     | 164-1 | 33293    | 32633    | 34037    | 33321    | 2.11   | cps   |
| Erbium     | 164-2 | 6602     | 6165     | 5945     | 6237     | 5.36   | cps   |
| Gadolinium | 160-1 | 36293    | 36778    | 37797    | 36956    | 2.08   | cps   |
| Gadolinium | 160-2 | 9750     | 9704     | 9507     | 9654     | 1.34   | cps   |
| Holmium    | 165-1 | 10180618 | 10248333 | 10261276 | 10230076 | 0.42   | cps   |
| Holmium    | 165-2 | 2087608  | 2053158  | 1981365  | 2040710  | 2.66   | cps   |
| Indium     | 115-1 | 7479909  | 7577817  | 7522875  | 7526867  | 0.65   | cps   |
| Indium     | 115-2 | 331137   | 324635   | 320934   | 325568   | 1.59   | cps   |
| Iron       | 56-2  | 25898968 | 25773084 | 25773706 | 25815253 | 0.28   | cps   |
| Iron       | 57-2  | 638506   | 640448   | 637389   | 638781   | 0.24   | cps   |
| Lead       | 206-1 | 1207383  | 1210897  | 1207306  | 1208529  | 0.17   | cps   |
| Lead       | 207-1 | 1024906  | 1019881  | 1027970  | 1024252  | 0.40   | cps   |
| Lead       | 208-1 | 4807584  | 4823762  | 4831149  | 4820832  | 0.25   | cps   |
| Lithium    | 6-1   | 1362388  | 1396211  | 1432834  | 1397144  | 2.52   | cps   |
| Magnesium  | 24-2  | 175605   | 175799   | 174895   | 175433   | 0.27   | cps   |
| Manganese  | 55-2  | 210515   | 210068   | 206928   | 209170   | 0.93   | cps   |



|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB94089             | Operator :        | Jaswal    |
| Lab Sample ID :         | J1989-14            | Instrumnet Name : | P8        |
| Client Sample ID :      | MJHRB1              | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2018-03-22 16:29:01 | DataFile Name :   | 079SMPL.d |

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|------------|-------|----------|----------|----------|----------|--------|-------|
| Molybdenum | 94-1  | 11314    | 11614    | 12390    | 11772    | 4.72   | cps   |
| Molybdenum | 95-1  | 2000     | 1942     | 2209     | 2050     | 6.84   | cps   |
| Molybdenum | 96-1  | 4359     | 4784     | 5126     | 4757     | 8.08   | cps   |
| Molybdenum | 97-1  | 1275     | 1408     | 1208     | 1297     | 7.85   | cps   |
| Molybdenum | 98-1  | 3159     | 3592     | 3259     | 3337     | 6.80   | cps   |
| Neodymium  | 150-1 | 51943    | 51428    | 49996    | 51122    | 1.97   | cps   |
| Neodymium  | 150-2 | 6802     | 6648     | 6598     | 6683     | 1.59   | cps   |
| Nickel     | 60-2  | 10998    | 10751    | 10631    | 10793    | 1.73   | cps   |
| Phosphorus | 31-2  | 725      | 625      | 517      | 622      | 16.75  | cps   |
| Potassium  | 39-2  | 9645     | 9595     | 8670     | 9303     | 5.91   | cps   |
| Rhodium    | 103-1 | 6766064  | 6902806  | 6867278  | 6845383  | 1.04   | cps   |
| Rhodium    | 103-2 | 1911925  | 1859907  | 1847910  | 1873247  | 1.82   | cps   |
| Scandium   | 45-1  | 3954012  | 4010009  | 4004148  | 3989390  | 0.77   | cps   |
| Scandium   | 45-2  | 36544    | 36120    | 34629    | 35765    | 2.81   | cps   |
| Selenium   | 77-2  | 50       | 27       | 50       | 42       | 31.90  | cps   |
| Selenium   | 78-2  | 19       | 7        | 11       | 12       | 45.82  | cps   |
| Selenium   | 82-1  | 47       | 63       | 26       | 46       | 40.63  | cps   |
| Silicon    | 28-1  | 3667625  | 3694552  | 3721701  | 3694626  | 0.73   | cps   |
| Silver     | 109-1 | 892      | 1092     | 1017     | 1000     | 10.10  | cps   |
| Silver     | 107-1 | 1042     | 1008     | 950      | 1000     | 4.64   | cps   |
| Sodium     | 23-2  | 26509    | 25340    | 25574    | 25808    | 2.40   | cps   |
| Strontium  | 86-1  | 130678   | 130654   | 130997   | 130776   | 0.15   | cps   |
| Strontium  | 88-1  | 1120611  | 1138628  | 1135462  | 1131567  | 0.85   | cps   |
| Sulfur     | 34-1  | 177317   | 179113   | 175881   | 177437   | 0.91   | cps   |
| Terbium    | 159-1 | 10566094 | 10650363 | 10649693 | 10622050 | 0.46   | cps   |
| Terbium    | 159-2 | 1999985  | 1995203  | 1947488  | 1980892  | 1.47   | cps   |
| Thallium   | 203-1 | 1567     | 1750     | 1442     | 1586     | 9.78   | cps   |
| Thallium   | 205-1 | 3801     | 3984     | 3934     | 3906     | 2.43   | cps   |
| Tin        | 118-1 | 41800    | 41934    | 42051    | 41928    | 0.30   | cps   |
| Titanium   | 47-1  | 305220   | 308548   | 302937   | 305568   | 0.92   | cps   |
| Uranium    | 238-1 | 5376     | 5693     | 5585     | 5552     | 2.90   | cps   |
| Vanadium   | 51-2  | 59941    | 58475    | 58696    | 59037    | 1.34   | cps   |
| Yttrium    | 89-1  | 7993454  | 8107785  | 8112182  | 8071141  | 0.83   | cps   |
| Yttrium    | 89-2  | 258983   | 255596   | 249096   | 254558   | 1.97   | cps   |
| Zinc       | 66-2  | 10120    | 10347    | 10331    | 10266    | 1.23   | cps   |
| Zirconium  | 90-1  | 30001    | 29266    | 29450    | 29572    | 1.29   | cps   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB94089             | Operator :        | Jaswal    |
| Lab Sample ID :         | J1989-14            | Instrumnet Name : | P8        |
| Client Sample ID :      | MJHRB1              | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2018-03-22 16:29:01 | DataFile Name :   | 079SMPL.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|-----------|------|------|------|------|---------|--------|-------|
| Zirconium | 91-1 | 6368 | 6394 | 6560 | 6441    | 1.62   | cps   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB94089             | Operator :        | Jaswal    |
| Lab Sample ID :         | J1989-15            | Instrumnet Name : | P8        |
| Client Sample ID :      | MJHRB2              | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2018-03-22 16:32:20 | DataFile Name :   | 080SMPL.d |

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|------------|-------|----------|----------|----------|----------|--------|-------|
| Aluminium  | 27-2  | 250219   | 249880   | 250048   | 250049   | 0.07   | cps   |
| Antimony   | 121-1 | 68886    | 68057    | 67798    | 68247    | 0.83   | cps   |
| Arsenic    | 75-2  | 9492     | 9122     | 9211     | 9275     | 2.09   | cps   |
| Barium     | 135-1 | 100152   | 100622   | 98851    | 99875    | 0.92   | cps   |
| Barium     | 137-1 | 173202   | 175382   | 172157   | 173580   | 0.95   | cps   |
| Beryllium  | 9-1   | 661      | 594      | 522      | 593      | 11.72  | cps   |
| Bismuth    | 209-1 | 7027198  | 6917856  | 7013941  | 6986332  | 0.85   | cps   |
| Bismuth    | 209-2 | 1653609  | 1678976  | 1637325  | 1656637  | 1.27   | cps   |
| Boron      | 10-1  | 1058     | 1092     | 1183     | 1111     | 5.83   | cps   |
| Boron      | 11-1  | 4734     | 5051     | 4584     | 4790     | 4.98   | cps   |
| Cadmium    | 111-1 | 1213     | 1165     | 1178     | 1185     | 2.12   | cps   |
| Cadmium    | 106-1 | 1225     | 1167     | 1208     | 1200     | 2.50   | cps   |
| Cadmium    | 108-1 | 75       | 92       | 92       | 86       | 11.18  | cps   |
| Calcium    | 43-1  | 235247   | 230765   | 233030   | 233014   | 0.96   | cps   |
| Calcium    | 44-1  | 3875688  | 3849774  | 3835512  | 3853658  | 0.53   | cps   |
| Chromium   | 52-2  | 39579    | 39883    | 39934    | 39799    | 0.48   | cps   |
| Cobalt     | 59-2  | 38012    | 37851    | 38369    | 38078    | 0.70   | cps   |
| Copper     | 63-2  | 170285   | 167404   | 170808   | 169499   | 1.08   | cps   |
| Dysprosium | 156-1 | 25484    | 26970    | 24941    | 25799    | 4.07   | cps   |
| Dysprosium | 156-2 | 5405     | 5345     | 5478     | 5409     | 1.24   | cps   |
| Erbium     | 164-1 | 21068    | 20525    | 21335    | 20976    | 1.97   | cps   |
| Erbium     | 164-2 | 3574     | 3811     | 3941     | 3775     | 4.93   | cps   |
| Gadolinium | 160-1 | 25242    | 24691    | 26261    | 25398    | 3.14   | cps   |
| Gadolinium | 160-2 | 6565     | 6285     | 6659     | 6503     | 2.99   | cps   |
| Holmium    | 165-1 | 10355155 | 10109647 | 10587591 | 10350797 | 2.31   | cps   |
| Holmium    | 165-2 | 2074011  | 2063335  | 2070017  | 2069121  | 0.26   | cps   |
| Indium     | 115-1 | 7493381  | 7408017  | 7700174  | 7533857  | 1.99   | cps   |
| Indium     | 115-2 | 323105   | 323201   | 322882   | 323063   | 0.05   | cps   |
| Iron       | 56-2  | 22579448 | 22504201 | 22638462 | 22574037 | 0.30   | cps   |
| Iron       | 57-2  | 559014   | 558389   | 564048   | 560484   | 0.55   | cps   |
| Lead       | 206-1 | 87830    | 86891    | 89520    | 88080    | 1.51   | cps   |
| Lead       | 207-1 | 73127    | 72949    | 73735    | 73270    | 0.56   | cps   |
| Lead       | 208-1 | 341727   | 340175   | 342825   | 341576   | 0.39   | cps   |
| Lithium    | 6-1   | 1362001  | 1352104  | 1414355  | 1376153  | 2.43   | cps   |
| Magnesium  | 24-2  | 386131   | 379865   | 380607   | 382201   | 0.90   | cps   |
| Manganese  | 55-2  | 132212   | 132443   | 133328   | 132661   | 0.44   | cps   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB94089             | Operator :        | Jaswal    |
| Lab Sample ID :         | J1989-15            | Instrumnet Name : | P8        |
| Client Sample ID :      | MJHRB2              | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2018-03-22 16:32:20 | DataFile Name :   | 080SMPL.d |

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD  | Units |
|------------|-------|----------|----------|----------|----------|---------|-------|
| Molybdenum | 94-1  | 4543     | 4434     | 4609     | 4529     | 1.95    | cps   |
| Molybdenum | 95-1  | 1117     | 1192     | 1267     | 1192     | 6.30    | cps   |
| Molybdenum | 96-1  | 2325     | 2234     | 2417     | 2325     | 3.94    | cps   |
| Molybdenum | 97-1  | 850      | 808      | 733      | 797      | 7.42    | cps   |
| Molybdenum | 98-1  | 1734     | 1700     | 1934     | 1789     | 7.06    | cps   |
| Neodymium  | 150-1 | 37788    | 37220    | 37929    | 37646    | 1.00    | cps   |
| Neodymium  | 150-2 | 5021     | 4931     | 4891     | 4948     | 1.35    | cps   |
| Nickel     | 60-2  | 16457    | 16460    | 16687    | 16534    | 0.80    | cps   |
| Phosphorus | 31-2  | 533      | 500      | 433      | 489      | 10.42   | cps   |
| Potassium  | 39-2  | 13449    | 12915    | 13582    | 13315    | 2.65    | cps   |
| Rhodium    | 103-1 | 6850755  | 6691802  | 6886609  | 6809722  | 1.52    | cps   |
| Rhodium    | 103-2 | 1880202  | 1872631  | 1851538  | 1868123  | 0.80    | cps   |
| Scandium   | 45-1  | 3855790  | 3851877  | 3897647  | 3868438  | 0.66    | cps   |
| Scandium   | 45-2  | 34289    | 34920    | 34596    | 34602    | 0.91    | cps   |
| Selenium   | 77-2  | 47       | 33       | 23       | 34       | 34.00   | cps   |
| Selenium   | 78-2  | 20       | 17       | 17       | 18       | 11.93   | cps   |
| Selenium   | 82-1  | 16       | -33      | 25       | 3        | 1233.49 | cps   |
| Silicon    | 28-1  | 3330741  | 3358588  | 3287466  | 3325599  | 1.08    | cps   |
| Silver     | 109-1 | 408      | 458      | 608      | 492      | 21.17   | cps   |
| Silver     | 107-1 | 608      | 475      | 567      | 550      | 12.40   | cps   |
| Sodium     | 23-2  | 111535   | 111316   | 113071   | 111974   | 0.85    | cps   |
| Strontium  | 86-1  | 314813   | 315885   | 318837   | 316512   | 0.66    | cps   |
| Strontium  | 88-1  | 2832614  | 2828077  | 2816655  | 2825782  | 0.29    | cps   |
| Sulfur     | 34-1  | 180528   | 179028   | 177375   | 178977   | 0.88    | cps   |
| Terbium    | 159-1 | 10644123 | 10479497 | 10810247 | 10644622 | 1.55    | cps   |
| Terbium    | 159-2 | 2008332  | 2002454  | 2008463  | 2006416  | 0.17    | cps   |
| Thallium   | 203-1 | 792      | 883      | 1017     | 897      | 12.61   | cps   |
| Thallium   | 205-1 | 2259     | 2275     | 2067     | 2200     | 5.26    | cps   |
| Tin        | 118-1 | 4618     | 5135     | 4693     | 4815     | 5.80    | cps   |
| Titanium   | 47-1  | 140861   | 140936   | 140187   | 140661   | 0.29    | cps   |
| Uranium    | 238-1 | 2617     | 2717     | 2800     | 2712     | 3.39    | cps   |
| Vanadium   | 51-2  | 54191    | 54610    | 54606    | 54469    | 0.44    | cps   |
| Yttrium    | 89-1  | 7863356  | 7745364  | 7984050  | 7864257  | 1.52    | cps   |
| Yttrium    | 89-2  | 249119   | 251590   | 247619   | 249443   | 0.80    | cps   |
| Zinc       | 66-2  | 9397     | 9607     | 9730     | 9578     | 1.76    | cps   |
| Zirconium  | 90-1  | 12390    | 10563    | 10471    | 11141    | 9.71    | cps   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB94089             | Operator :        | Jaswal    |
| Lab Sample ID :         | J1989-15            | Instrumnet Name : | P8        |
| Client Sample ID :      | MJHRB2              | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2018-03-22 16:32:20 | DataFile Name :   | 080SMPL.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|-----------|------|------|------|------|---------|--------|-------|
| Zirconium | 91-1 | 2642 | 2292 | 2150 | 2361    | 10.72  | cps   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB94089             | Operator :        | Jaswal    |
| Lab Sample ID :         | J1989-16            | Instrumnet Name : | P8        |
| Client Sample ID :      | MJHRB3              | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2018-03-22 16:35:39 | DataFile Name :   | 081SMPL.d |

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|------------|-------|----------|----------|----------|----------|--------|-------|
| Aluminium  | 27-2  | 249907   | 248981   | 253254   | 250714   | 0.90   | cps   |
| Antimony   | 121-1 | 103271   | 104380   | 102399   | 103350   | 0.96   | cps   |
| Arsenic    | 75-2  | 11447    | 11659    | 11750    | 11619    | 1.33   | cps   |
| Barium     | 135-1 | 80176    | 80428    | 79791    | 80132    | 0.40   | cps   |
| Barium     | 137-1 | 141448   | 140068   | 138039   | 139852   | 1.23   | cps   |
| Beryllium  | 9-1   | 550      | 533      | 600      | 561      | 6.18   | cps   |
| Bismuth    | 209-1 | 7066196  | 6785370  | 7076391  | 6975986  | 2.37   | cps   |
| Bismuth    | 209-2 | 1612865  | 1681615  | 1613803  | 1636095  | 2.41   | cps   |
| Boron      | 10-1  | 1075     | 708      | 925      | 903      | 20.42  | cps   |
| Boron      | 11-1  | 4176     | 4192     | 4117     | 4162     | 0.95   | cps   |
| Cadmium    | 111-1 | 1229     | 1078     | 1232     | 1179     | 7.48   | cps   |
| Cadmium    | 106-1 | 1325     | 1108     | 1183     | 1206     | 9.13   | cps   |
| Cadmium    | 108-1 | 88       | 75       | 67       | 76       | 13.72  | cps   |
| Calcium    | 43-1  | 139899   | 140471   | 139166   | 139846   | 0.47   | cps   |
| Calcium    | 44-1  | 2357302  | 2349285  | 2325445  | 2344011  | 0.71   | cps   |
| Chromium   | 52-2  | 45664    | 47484    | 47474    | 46874    | 2.23   | cps   |
| Cobalt     | 59-2  | 34817    | 36020    | 36137    | 35658    | 2.05   | cps   |
| Copper     | 63-2  | 163255   | 166207   | 163973   | 164478   | 0.94   | cps   |
| Dysprosium | 156-1 | 24465    | 23881    | 23814    | 24053    | 1.49   | cps   |
| Dysprosium | 156-2 | 5341     | 5565     | 5618     | 5508     | 2.67   | cps   |
| Erbium     | 164-1 | 20208    | 19615    | 20542    | 20122    | 2.33   | cps   |
| Erbium     | 164-2 | 3537     | 3917     | 3991     | 3815     | 6.38   | cps   |
| Gadolinium | 160-1 | 24625    | 24824    | 24774    | 24741    | 0.42   | cps   |
| Gadolinium | 160-2 | 6458     | 6402     | 6819     | 6560     | 3.45   | cps   |
| Holmium    | 165-1 | 10385069 | 10131022 | 10450790 | 10322294 | 1.64   | cps   |
| Holmium    | 165-2 | 2016882  | 2079652  | 2032709  | 2043081  | 1.60   | cps   |
| Indium     | 115-1 | 7547469  | 7440955  | 7594074  | 7527499  | 1.04   | cps   |
| Indium     | 115-2 | 317767   | 326139   | 321193   | 321700   | 1.31   | cps   |
| Iron       | 56-2  | 23256882 | 23579729 | 23584454 | 23473688 | 0.80   | cps   |
| Iron       | 57-2  | 573328   | 583706   | 580964   | 579333   | 0.93   | cps   |
| Lead       | 206-1 | 188953   | 186713   | 187715   | 187794   | 0.60   | cps   |
| Lead       | 207-1 | 158133   | 157551   | 157223   | 157635   | 0.29   | cps   |
| Lead       | 208-1 | 738109   | 728162   | 730991   | 732421   | 0.70   | cps   |
| Lithium    | 6-1   | 1360935  | 1365907  | 1395626  | 1374156  | 1.37   | cps   |
| Magnesium  | 24-2  | 212877   | 215146   | 217133   | 215052   | 0.99   | cps   |
| Manganese  | 55-2  | 145414   | 148806   | 146276   | 146832   | 1.20   | cps   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB94089             | Operator :        | Jaswal    |
| Lab Sample ID :         | J1989-16            | Instrumnet Name : | P8        |
| Client Sample ID :      | MJHRB3              | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2018-03-22 16:35:39 | DataFile Name :   | 081SMPL.d |

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|------------|-------|----------|----------|----------|----------|--------|-------|
| Molybdenum | 94-1  | 4593     | 5729     | 6245     | 5522     | 15.31  | cps   |
| Molybdenum | 95-1  | 1192     | 1175     | 1367     | 1245     | 8.53   | cps   |
| Molybdenum | 96-1  | 2717     | 2475     | 2659     | 2617     | 4.82   | cps   |
| Molybdenum | 97-1  | 717      | 783      | 808      | 770      | 6.16   | cps   |
| Molybdenum | 98-1  | 1717     | 2175     | 1859     | 1917     | 12.24  | cps   |
| Neodymium  | 150-1 | 34814    | 35315    | 34733    | 34954    | 0.90   | cps   |
| Neodymium  | 150-2 | 4501     | 4661     | 4377     | 4513     | 3.15   | cps   |
| Nickel     | 60-2  | 15449    | 15776    | 15345    | 15523    | 1.45   | cps   |
| Phosphorus | 31-2  | 400      | 350      | 342      | 364      | 8.67   | cps   |
| Potassium  | 39-2  | 10563    | 10546    | 11205    | 10771    | 3.49   | cps   |
| Rhodium    | 103-1 | 6813975  | 6790086  | 6892347  | 6832136  | 0.78   | cps   |
| Rhodium    | 103-2 | 1829829  | 1881946  | 1870704  | 1860827  | 1.47   | cps   |
| Scandium   | 45-1  | 3922055  | 3883541  | 3940402  | 3915333  | 0.74   | cps   |
| Scandium   | 45-2  | 34777    | 35041    | 34786    | 34868    | 0.43   | cps   |
| Selenium   | 77-2  | 20       | 17       | 20       | 19       | 10.18  | cps   |
| Selenium   | 78-2  | 9        | 19       | 19       | 15       | 34.64  | cps   |
| Selenium   | 82-1  | -8       | 88       | 62       | 47       | 105.37 | cps   |
| Silicon    | 28-1  | 3460867  | 3329012  | 3319105  | 3369661  | 2.35   | cps   |
| Silver     | 109-1 | 567      | 608      | 592      | 589      | 3.56   | cps   |
| Silver     | 107-1 | 583      | 592      | 633      | 603      | 4.44   | cps   |
| Sodium     | 23-2  | 61107    | 59944    | 60178    | 60409    | 1.02   | cps   |
| Strontium  | 86-1  | 212148   | 216048   | 216673   | 214956   | 1.14   | cps   |
| Strontium  | 88-1  | 1924676  | 1906682  | 1925300  | 1918886  | 0.55   | cps   |
| Sulfur     | 34-1  | 175264   | 175788   | 175466   | 175506   | 0.15   | cps   |
| Terbium    | 159-1 | 10689079 | 10389169 | 10687368 | 10588539 | 1.63   | cps   |
| Terbium    | 159-2 | 1942830  | 2020986  | 1963879  | 1975898  | 2.05   | cps   |
| Thallium   | 203-1 | 1133     | 1142     | 1025     | 1100     | 5.92   | cps   |
| Thallium   | 205-1 | 2742     | 2700     | 2467     | 2637     | 5.62   | cps   |
| Tin        | 118-1 | 6318     | 6252     | 6135     | 6235     | 1.49   | cps   |
| Titanium   | 47-1  | 107171   | 104551   | 104504   | 105409   | 1.45   | cps   |
| Uranium    | 238-1 | 3576     | 3101     | 3626     | 3434     | 8.44   | cps   |
| Vanadium   | 51-2  | 54054    | 55296    | 54656    | 54669    | 1.14   | cps   |
| Yttrium    | 89-1  | 7884605  | 7758041  | 7996582  | 7879743  | 1.51   | cps   |
| Yttrium    | 89-2  | 242790   | 249753   | 244981   | 245841   | 1.45   | cps   |
| Zinc       | 66-2  | 9217     | 9293     | 9066     | 9192     | 1.26   | cps   |
| Zirconium  | 90-1  | 12064    | 12031    | 12323    | 12139    | 1.32   | cps   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB94089             | Operator :        | Jaswal    |
| Lab Sample ID :         | J1989-16            | Instrumnet Name : | P8        |
| Client Sample ID :      | MJHRB3              | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2018-03-22 16:35:39 | DataFile Name :   | 081SMPL.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|-----------|------|------|------|------|---------|--------|-------|
| Zirconium | 91-1 | 2867 | 2967 | 2967 | 2934    | 1.97   | cps   |



LB Number : LB94089 Operator : Jaswal  
 Lab Sample ID : J1989-17 Instrumnet Name : P8  
 Client Sample ID : MJHRB4 Dilution Factor : 1  
 Date & Time Acquired :: 2018-03-22 16:41:32 DataFile Name : 082CCV.d

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|------------|-------|----------|----------|----------|----------|--------|-------|
| Aluminium  | 27-2  | 202729   | 197929   | 199323   | 199994   | 1.23   | cps   |
| Antimony   | 121-1 | 80870    | 80334    | 80165    | 80456    | 0.46   | cps   |
| Arsenic    | 75-2  | 8853     | 8597     | 8575     | 8675     | 1.78   | cps   |
| Barium     | 135-1 | 134132   | 135251   | 132995   | 134126   | 0.84   | cps   |
| Barium     | 137-1 | 230867   | 233862   | 233217   | 232649   | 0.68   | cps   |
| Beryllium  | 9-1   | 611      | 589      | 600      | 600      | 1.85   | cps   |
| Bismuth    | 209-1 | 6879912  | 7026041  | 7049685  | 6985213  | 1.32   | cps   |
| Bismuth    | 209-2 | 1687803  | 1611571  | 1608367  | 1635914  | 2.75   | cps   |
| Boron      | 10-1  | 1067     | 958      | 1008     | 1011     | 5.36   | cps   |
| Boron      | 11-1  | 4893     | 4759     | 4726     | 4793     | 1.84   | cps   |
| Cadmium    | 111-1 | 1251     | 1190     | 1096     | 1179     | 6.61   | cps   |
| Cadmium    | 106-1 | 1350     | 1233     | 1092     | 1225     | 10.56  | cps   |
| Cadmium    | 108-1 | 46       | 46       | 50       | 47       | 5.10   | cps   |
| Calcium    | 43-1  | 147298   | 145515   | 143921   | 145578   | 1.16   | cps   |
| Calcium    | 44-1  | 2427111  | 2395187  | 2384996  | 2402431  | 0.91   | cps   |
| Chromium   | 52-2  | 42702    | 42718    | 42254    | 42558    | 0.62   | cps   |
| Cobalt     | 59-2  | 38249    | 38430    | 37982    | 38220    | 0.59   | cps   |
| Copper     | 63-2  | 178091   | 179655   | 180703   | 179483   | 0.73   | cps   |
| Dysprosium | 156-1 | 20834    | 21001    | 20534    | 20789    | 1.14   | cps   |
| Dysprosium | 156-2 | 4758     | 4771     | 4531     | 4686     | 2.88   | cps   |
| Erbium     | 164-1 | 16887    | 17721    | 17688    | 17432    | 2.71   | cps   |
| Erbium     | 164-2 | 3237     | 3034     | 3047     | 3106     | 3.66   | cps   |
| Gadolinium | 160-1 | 21393    | 20901    | 21151    | 21149    | 1.16   | cps   |
| Gadolinium | 160-2 | 5525     | 5858     | 5721     | 5701     | 2.94   | cps   |
| Holmium    | 165-1 | 10045629 | 10419537 | 10329258 | 10264808 | 1.90   | cps   |
| Holmium    | 165-2 | 2044318  | 2075283  | 2010756  | 2043452  | 1.58   | cps   |
| Indium     | 115-1 | 7451111  | 7631747  | 7559933  | 7547597  | 1.20   | cps   |
| Indium     | 115-2 | 325818   | 322186   | 318490   | 322165   | 1.14   | cps   |
| Iron       | 56-2  | 25627055 | 25622609 | 25779869 | 25676511 | 0.35   | cps   |
| Iron       | 57-2  | 633092   | 632638   | 635433   | 633721   | 0.24   | cps   |
| Lead       | 206-1 | 163730   | 160028   | 162677   | 162145   | 1.18   | cps   |
| Lead       | 207-1 | 136801   | 137896   | 137318   | 137338   | 0.40   | cps   |
| Lead       | 208-1 | 639760   | 637039   | 638784   | 638528   | 0.22   | cps   |
| Lithium    | 6-1   | 1341842  | 1384952  | 1392006  | 1372933  | 1.98   | cps   |
| Magnesium  | 24-2  | 210028   | 210882   | 212168   | 211026   | 0.51   | cps   |
| Manganese  | 55-2  | 190736   | 186993   | 188523   | 188751   | 1.00   | cps   |

|                         |                     |                   |          |
|-------------------------|---------------------|-------------------|----------|
| LB Number :             | LB94089             | Operator :        | Jaswal   |
| Lab Sample ID :         | J1989-17            | Instrumnet Name : | P8       |
| Client Sample ID :      | MJHRB4              | Dilution Factor : | 1        |
| Date & Time Acquired :: | 2018-03-22 16:41:32 | DataFile Name :   | 082CCV.d |

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|------------|-------|----------|----------|----------|----------|--------|-------|
| Molybdenum | 94-1  | 4668     | 4559     | 4543     | 4590     | 1.48   | cps   |
| Molybdenum | 95-1  | 1208     | 1225     | 1400     | 1278     | 8.31   | cps   |
| Molybdenum | 96-1  | 2709     | 2567     | 2384     | 2553     | 6.38   | cps   |
| Molybdenum | 97-1  | 758      | 892      | 825      | 825      | 8.08   | cps   |
| Molybdenum | 98-1  | 1950     | 2067     | 2067     | 2028     | 3.32   | cps   |
| Neodymium  | 150-1 | 28752    | 29033    | 29828    | 29204    | 1.91   | cps   |
| Neodymium  | 150-2 | 3991     | 3607     | 3627     | 3742     | 5.77   | cps   |
| Nickel     | 60-2  | 16470    | 16253    | 16747    | 16490    | 1.50   | cps   |
| Phosphorus | 31-2  | 408      | 450      | 367      | 408      | 10.20  | cps   |
| Potassium  | 39-2  | 11805    | 11697    | 12323    | 11942    | 2.80   | cps   |
| Rhodium    | 103-1 | 6764711  | 6866830  | 6851151  | 6827564  | 0.81   | cps   |
| Rhodium    | 103-2 | 1877407  | 1869761  | 1840858  | 1862675  | 1.03   | cps   |
| Scandium   | 45-1  | 3848670  | 3935691  | 3899410  | 3894590  | 1.12   | cps   |
| Scandium   | 45-2  | 34550    | 34406    | 35121    | 34692    | 1.09   | cps   |
| Selenium   | 77-2  | 23       | 7        | 7        | 12       | 78.69  | cps   |
| Selenium   | 78-2  | 17       | 9        | 20       | 15       | 36.66  | cps   |
| Selenium   | 82-1  | 39       | 66       | 66       | 57       | 27.74  | cps   |
| Silicon    | 28-1  | 3980342  | 3940427  | 3859691  | 3926820  | 1.57   | cps   |
| Silver     | 109-1 | 350      | 533      | 650      | 511      | 29.59  | cps   |
| Silver     | 107-1 | 508      | 592      | 700      | 600      | 16.02  | cps   |
| Sodium     | 23-2  | 62371    | 62388    | 63191    | 62650    | 0.75   | cps   |
| Strontium  | 86-1  | 219320   | 216263   | 216853   | 217478   | 0.75   | cps   |
| Strontium  | 88-1  | 1970704  | 1971980  | 1940747  | 1961144  | 0.90   | cps   |
| Sulfur     | 34-1  | 189724   | 189410   | 186896   | 188676   | 0.82   | cps   |
| Terbium    | 159-1 | 10545821 | 10685231 | 10608871 | 10613308 | 0.66   | cps   |
| Terbium    | 159-2 | 2015870  | 2009680  | 1963963  | 1996504  | 1.42   | cps   |
| Thallium   | 203-1 | 1133     | 1125     | 1250     | 1170     | 5.98   | cps   |
| Thallium   | 205-1 | 2717     | 2892     | 2659     | 2756     | 4.41   | cps   |
| Tin        | 118-1 | 5968     | 6002     | 5918     | 5963     | 0.70   | cps   |
| Titanium   | 47-1  | 99932    | 99191    | 99016    | 99380    | 0.49   | cps   |
| Uranium    | 238-1 | 3376     | 2842     | 2800     | 3006     | 10.67  | cps   |
| Vanadium   | 51-2  | 57718    | 57394    | 57357    | 57490    | 0.35   | cps   |
| Yttrium    | 89-1  | 7769441  | 7907674  | 7842214  | 7839776  | 0.88   | cps   |
| Yttrium    | 89-2  | 249881   | 247523   | 241650   | 246351   | 1.72   | cps   |
| Zinc       | 66-2  | 11932    | 11922    | 11772    | 11875    | 0.76   | cps   |
| Zirconium  | 90-1  | 10213    | 10196    | 10821    | 10410    | 3.42   | cps   |

|                         |                     |                   |          |
|-------------------------|---------------------|-------------------|----------|
| LB Number :             | LB94089             | Operator :        | Jaswal   |
| Lab Sample ID :         | J1989-17            | Instrumnet Name : | P8       |
| Client Sample ID :      | MJHRB4              | Dilution Factor : | 1        |
| Date & Time Acquired :: | 2018-03-22 16:41:32 | DataFile Name :   | 082CCV.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|-----------|------|------|------|------|---------|--------|-------|
| Zirconium | 91-1 | 2292 | 2200 | 2534 | 2342    | 7.35   | cps   |

LB Number : LB94089 Operator : Jaswal  
 Lab Sample ID : J1989-18 Instrumnet Name : P8  
 Client Sample ID : MJHRB5 Dilution Factor : 1  
 Date & Time Acquired :: 2018-03-22 16:48:26 DataFile Name : 084CCBE.d

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|------------|-------|----------|----------|----------|----------|--------|-------|
| Aluminium  | 27-2  | 221969   | 224668   | 224964   | 223867   | 0.74   | cps   |
| Antimony   | 121-1 | 71189    | 70326    | 73478    | 71664    | 2.27   | cps   |
| Arsenic    | 75-2  | 9316     | 9342     | 9240     | 9300     | 0.57   | cps   |
| Barium     | 135-1 | 315589   | 311316   | 311912   | 312939   | 0.74   | cps   |
| Barium     | 137-1 | 552810   | 549318   | 546343   | 549490   | 0.59   | cps   |
| Beryllium  | 9-1   | 1411     | 1311     | 1295     | 1339     | 4.71   | cps   |
| Bismuth    | 209-1 | 7210431  | 7088865  | 6908852  | 7069383  | 2.15   | cps   |
| Bismuth    | 209-2 | 1634407  | 1613640  | 1630104  | 1626050  | 0.67   | cps   |
| Boron      | 10-1  | 1433     | 1425     | 1417     | 1425     | 0.58   | cps   |
| Boron      | 11-1  | 7386     | 6543     | 5968     | 6632     | 10.75  | cps   |
| Cadmium    | 111-1 | 1567     | 1385     | 1331     | 1428     | 8.65   | cps   |
| Cadmium    | 106-1 | 1525     | 1367     | 1292     | 1395     | 8.54   | cps   |
| Cadmium    | 108-1 | 108      | 67       | 75       | 83       | 26.46  | cps   |
| Calcium    | 43-1  | 134666   | 137771   | 136684   | 136374   | 1.16   | cps   |
| Calcium    | 44-1  | 2274792  | 2238410  | 2296123  | 2269775  | 1.29   | cps   |
| Chromium   | 52-2  | 48337    | 49437    | 49387    | 49054    | 1.27   | cps   |
| Cobalt     | 59-2  | 67620    | 68739    | 68715    | 68358    | 0.94   | cps   |
| Copper     | 63-2  | 204734   | 204923   | 205536   | 205064   | 0.20   | cps   |
| Dysprosium | 156-1 | 38090    | 38942    | 39687    | 38906    | 2.05   | cps   |
| Dysprosium | 156-2 | 8356     | 8419     | 8563     | 8446     | 1.25   | cps   |
| Erbium     | 164-1 | 34848    | 35700    | 35750    | 35433    | 1.43   | cps   |
| Erbium     | 164-2 | 6292     | 6592     | 6192     | 6358     | 3.28   | cps   |
| Gadolinium | 160-1 | 40614    | 40606    | 40781    | 40667    | 0.24   | cps   |
| Gadolinium | 160-2 | 10348    | 10658    | 10364    | 10457    | 1.67   | cps   |
| Holmium    | 165-1 | 10649423 | 10462437 | 10287097 | 10466319 | 1.73   | cps   |
| Holmium    | 165-2 | 2067252  | 2037863  | 2077610  | 2060908  | 1.00   | cps   |
| Indium     | 115-1 | 7702138  | 7622413  | 7475511  | 7600021  | 1.51   | cps   |
| Indium     | 115-2 | 325340   | 319441   | 332311   | 325697   | 1.98   | cps   |
| Iron       | 56-2  | 30212165 | 30268399 | 30337013 | 30272525 | 0.21   | cps   |
| Iron       | 57-2  | 753092   | 754888   | 752309   | 753430   | 0.18   | cps   |
| Lead       | 206-1 | 98474    | 95182    | 97181    | 96945    | 1.71   | cps   |
| Lead       | 207-1 | 82148    | 81801    | 83025    | 82325    | 0.77   | cps   |
| Lead       | 208-1 | 382594   | 379915   | 381697   | 381402   | 0.36   | cps   |
| Lithium    | 6-1   | 1355508  | 1335296  | 1317160  | 1335988  | 1.44   | cps   |
| Magnesium  | 24-2  | 219266   | 218723   | 218859   | 218950   | 0.13   | cps   |
| Manganese  | 55-2  | 470291   | 470885   | 468338   | 469838   | 0.28   | cps   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB94089             | Operator :        | Jaswal    |
| Lab Sample ID :         | J1989-18            | Instrumnet Name : | P8        |
| Client Sample ID :      | MJHRB5              | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2018-03-22 16:48:26 | DataFile Name :   | 084CCBE.d |

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|------------|-------|----------|----------|----------|----------|--------|-------|
| Molybdenum | 94-1  | 6777     | 6977     | 7736     | 7163     | 7.06   | cps   |
| Molybdenum | 95-1  | 4843     | 5676     | 6393     | 5638     | 13.77  | cps   |
| Molybdenum | 96-1  | 6260     | 6802     | 7878     | 6980     | 11.80  | cps   |
| Molybdenum | 97-1  | 2875     | 3342     | 3842     | 3353     | 14.42  | cps   |
| Molybdenum | 98-1  | 7619     | 8578     | 10154    | 8784     | 14.57  | cps   |
| Neodymium  | 150-1 | 55116    | 56529    | 56408    | 56018    | 1.40   | cps   |
| Neodymium  | 150-2 | 7079     | 7112     | 7366     | 7185     | 2.18   | cps   |
| Nickel     | 60-2  | 18813    | 18215    | 18396    | 18475    | 1.66   | cps   |
| Phosphorus | 31-2  | 383      | 350      | 450      | 394      | 12.91  | cps   |
| Potassium  | 39-2  | 16761    | 16811    | 17311    | 16961    | 1.80   | cps   |
| Rhodium    | 103-1 | 6990224  | 6871348  | 6773858  | 6878476  | 1.58   | cps   |
| Rhodium    | 103-2 | 1881987  | 1865298  | 1918807  | 1888697  | 1.45   | cps   |
| Scandium   | 45-1  | 3997641  | 3973190  | 3839467  | 3936766  | 2.16   | cps   |
| Scandium   | 45-2  | 35047    | 34199    | 35949    | 35065    | 2.50   | cps   |
| Selenium   | 77-2  | 60       | 67       | 40       | 56       | 24.98  | cps   |
| Selenium   | 78-2  | 28       | 22       | 19       | 23       | 20.41  | cps   |
| Selenium   | 82-1  | 45       | 28       | 123      | 65       | 77.00  | cps   |
| Silicon    | 28-1  | 4552391  | 4616119  | 4605606  | 4591372  | 0.74   | cps   |
| Silver     | 109-1 | 908      | 958      | 917      | 928      | 2.89   | cps   |
| Silver     | 107-1 | 833      | 967      | 1008     | 936      | 9.77   | cps   |
| Sodium     | 23-2  | 35003    | 34785    | 35052    | 34947    | 0.41   | cps   |
| Strontium  | 86-1  | 215526   | 213572   | 214986   | 214695   | 0.47   | cps   |
| Strontium  | 88-1  | 1915590  | 1913586  | 1897042  | 1908739  | 0.53   | cps   |
| Sulfur     | 34-1  | 226596   | 219883   | 216628   | 221036   | 2.30   | cps   |
| Terbium    | 159-1 | 11034085 | 10719674 | 10557759 | 10770506 | 2.25   | cps   |
| Terbium    | 159-2 | 1992491  | 1953479  | 2016707  | 1987559  | 1.61   | cps   |
| Thallium   | 203-1 | 4568     | 4092     | 3842     | 4168     | 8.84   | cps   |
| Thallium   | 205-1 | 11130    | 10280    | 9045     | 10152    | 10.33  | cps   |
| Tin        | 118-1 | 18430    | 18806    | 19765    | 19000    | 3.62   | cps   |
| Titanium   | 47-1  | 87872    | 76108    | 80130    | 81370    | 7.35   | cps   |
| Uranium    | 238-1 | 5935     | 6102     | 6110     | 6049     | 1.63   | cps   |
| Vanadium   | 51-2  | 76136    | 75559    | 74641    | 75445    | 1.00   | cps   |
| Yttrium    | 89-1  | 8335295  | 8263936  | 7900527  | 8166586  | 2.86   | cps   |
| Yttrium    | 89-2  | 257797   | 252803   | 261372   | 257324   | 1.67   | cps   |
| Zinc       | 66-2  | 13860    | 13680    | 13620    | 13720    | 0.91   | cps   |
| Zirconium  | 90-1  | 10379    | 10988    | 10896    | 10755    | 3.05   | cps   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB94089             | Operator :        | Jaswal    |
| Lab Sample ID :         | J1989-18            | Instrumnet Name : | P8        |
| Client Sample ID :      | MJHRB5              | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2018-03-22 16:48:26 | DataFile Name :   | 084CCBE.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|-----------|------|------|------|------|---------|--------|-------|
| Zirconium | 91-1 | 2600 | 2650 | 2650 | 2634    | 1.10   | cps   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB94089             | Operator :        | Jaswal    |
| Lab Sample ID :         | J1838-03A           | Instrumnet Name : | P8        |
| Client Sample ID :      | MET2N1A             | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2018-03-22 16:56:09 | DataFile Name :   | 086SMPL.d |

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|------------|-------|----------|----------|----------|----------|--------|-------|
| Aluminium  | 27-2  | 56815    | 55602    | 56405    | 56274    | 1.10   | cps   |
| Antimony   | 121-1 | 79320    | 82312    | 83821    | 81817    | 2.80   | cps   |
| Arsenic    | 75-2  | 5082     | 4853     | 5064     | 5000     | 2.55   | cps   |
| Barium     | 135-1 | 437926   | 435234   | 437684   | 436948   | 0.34   | cps   |
| Barium     | 137-1 | 762059   | 757984   | 765865   | 761969   | 0.52   | cps   |
| Beryllium  | 9-1   | 922      | 972      | 872      | 922      | 5.42   | cps   |
| Bismuth    | 209-1 | 7007273  | 6873528  | 7043040  | 6974613  | 1.28   | cps   |
| Bismuth    | 209-2 | 1613548  | 1673847  | 1608857  | 1632084  | 2.22   | cps   |
| Boron      | 10-1  | 1250     | 1292     | 1083     | 1208     | 9.12   | cps   |
| Boron      | 11-1  | 5751     | 6227     | 6310     | 6096     | 4.94   | cps   |
| Cadmium    | 111-1 | 4643     | 4752     | 4960     | 4785     | 3.36   | cps   |
| Cadmium    | 106-1 | 1692     | 1684     | 1742     | 1706     | 1.85   | cps   |
| Cadmium    | 108-1 | 304      | 283      | 313      | 300      | 5.01   | cps   |
| Calcium    | 43-1  | 2244783  | 2266023  | 2223403  | 2244737  | 0.95   | cps   |
| Calcium    | 44-1  | 36044809 | 36538659 | 36211147 | 36264872 | 0.69   | cps   |
| Chromium   | 52-2  | 21577    | 21714    | 21624    | 21638    | 0.32   | cps   |
| Cobalt     | 59-2  | 21574    | 21564    | 21430    | 21522    | 0.37   | cps   |
| Copper     | 63-2  | 110753   | 111076   | 109977   | 110602   | 0.51   | cps   |
| Dysprosium | 156-1 | 32065    | 33502    | 33151    | 32906    | 2.28   | cps   |
| Dysprosium | 156-2 | 7095     | 7042     | 6879     | 7005     | 1.61   | cps   |
| Erbium     | 164-1 | 29969    | 29543    | 29084    | 29532    | 1.50   | cps   |
| Erbium     | 164-2 | 5655     | 5561     | 5488     | 5568     | 1.50   | cps   |
| Gadolinium | 160-1 | 32725    | 33394    | 33670    | 33263    | 1.46   | cps   |
| Gadolinium | 160-2 | 8560     | 8676     | 8443     | 8560     | 1.36   | cps   |
| Holmium    | 165-1 | 10345372 | 10318887 | 10382026 | 10348762 | 0.31   | cps   |
| Holmium    | 165-2 | 2059367  | 2102444  | 2039428  | 2067080  | 1.56   | cps   |
| Indium     | 115-1 | 7386227  | 7345665  | 7552278  | 7428056  | 1.47   | cps   |
| Indium     | 115-2 | 317105   | 324788   | 315101   | 318998   | 1.60   | cps   |
| Iron       | 56-2  | 14990269 | 14914506 | 14770844 | 14891873 | 0.75   | cps   |
| Iron       | 57-2  | 369768   | 370361   | 366556   | 368895   | 0.55   | cps   |
| Lead       | 206-1 | 5587450  | 5594872  | 5590302  | 5590875  | 0.07   | cps   |
| Lead       | 207-1 | 4731693  | 4764208  | 4691558  | 4729153  | 0.77   | cps   |
| Lead       | 208-1 | 21669102 | 21932935 | 21709277 | 21770438 | 0.65   | cps   |
| Lithium    | 6-1   | 1322766  | 1290366  | 1312986  | 1308706  | 1.27   | cps   |
| Magnesium  | 24-2  | 1205182  | 1181868  | 1196062  | 1194371  | 0.98   | cps   |
| Manganese  | 55-2  | 165976   | 165858   | 163069   | 164968   | 1.00   | cps   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB94089             | Operator :        | Jaswal    |
| Lab Sample ID :         | J1838-03A           | Instrumnet Name : | P8        |
| Client Sample ID :      | MET2N1A             | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2018-03-22 16:56:09 | DataFile Name :   | 086SMPL.d |

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|------------|-------|----------|----------|----------|----------|--------|-------|
| Molybdenum | 94-1  | 17320    | 16845    | 16344    | 16836    | 2.90   | cps   |
| Molybdenum | 95-1  | 16652    | 17587    | 17796    | 17345    | 3.51   | cps   |
| Molybdenum | 96-1  | 20884    | 20550    | 21660    | 21031    | 2.71   | cps   |
| Molybdenum | 97-1  | 10938    | 11047    | 11097    | 11027    | 0.73   | cps   |
| Molybdenum | 98-1  | 28640    | 28172    | 29366    | 28726    | 2.09   | cps   |
| Neodymium  | 150-1 | 46978    | 47868    | 47707    | 47518    | 1.00   | cps   |
| Neodymium  | 150-2 | 6021     | 6142     | 6322     | 6162     | 2.45   | cps   |
| Nickel     | 60-2  | 21520    | 20879    | 21246    | 21215    | 1.52   | cps   |
| Phosphorus | 31-2  | 525      | 533      | 750      | 603      | 21.16  | cps   |
| Potassium  | 39-2  | 18346    | 18329    | 17854    | 18176    | 1.54   | cps   |
| Rhodium    | 103-1 | 6709546  | 6695627  | 6713392  | 6706188  | 0.14   | cps   |
| Rhodium    | 103-2 | 1823977  | 1892793  | 1810033  | 1842268  | 2.41   | cps   |
| Scandium   | 45-1  | 3775813  | 3718146  | 3832817  | 3775592  | 1.52   | cps   |
| Scandium   | 45-2  | 32645    | 33474    | 32354    | 32824    | 1.77   | cps   |
| Selenium   | 77-2  | 33       | 13       | 27       | 24       | 41.66  | cps   |
| Selenium   | 78-2  | 9        | 13       | 26       | 16       | 54.54  | cps   |
| Selenium   | 82-1  | 98       | 187      | 93       | 126      | 42.09  | cps   |
| Silicon    | 28-1  | 5296837  | 5309824  | 5253705  | 5286789  | 0.56   | cps   |
| Silver     | 109-1 | 2850     | 2475     | 2517     | 2614     | 7.86   | cps   |
| Silver     | 107-1 | 2900     | 2834     | 2925     | 2887     | 1.64   | cps   |
| Sodium     | 23-2  | 13215    | 13240    | 13549    | 13335    | 1.39   | cps   |
| Strontium  | 86-1  | 246729   | 246463   | 246090   | 246427   | 0.13   | cps   |
| Strontium  | 88-1  | 2199867  | 2202886  | 2248835  | 2217196  | 1.24   | cps   |
| Sulfur     | 34-1  | 259414   | 259203   | 257971   | 258862   | 0.30   | cps   |
| Terbium    | 159-1 | 10655550 | 10588057 | 10763504 | 10669037 | 0.83   | cps   |
| Terbium    | 159-2 | 1998863  | 2045044  | 1996634  | 2013513  | 1.36   | cps   |
| Thallium   | 203-1 | 4793     | 4909     | 5443     | 5048     | 6.87   | cps   |
| Thallium   | 205-1 | 12498    | 11814    | 12140    | 12151    | 2.82   | cps   |
| Tin        | 118-1 | 129387   | 129934   | 130329   | 129883   | 0.36   | cps   |
| Titanium   | 47-1  | 85409    | 86349    | 86350    | 86036    | 0.63   | cps   |
| Uranium    | 238-1 | 37884    | 38218    | 37592    | 37898    | 0.83   | cps   |
| Vanadium   | 51-2  | 17948    | 18075    | 17875    | 17966    | 0.56   | cps   |
| Yttrium    | 89-1  | 7948690  | 7870446  | 8018461  | 7945866  | 0.93   | cps   |
| Yttrium    | 89-2  | 246289   | 254969   | 246985   | 249414   | 1.93   | cps   |
| Zinc       | 66-2  | 69048    | 68863    | 69285    | 69065    | 0.31   | cps   |
| Zirconium  | 90-1  | 18572    | 18638    | 18597    | 18602    | 0.18   | cps   |



|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB94089             | Operator :        | Jaswal    |
| Lab Sample ID :         | J1838-03A           | Instrumnet Name : | P8        |
| Client Sample ID :      | MET2N1A             | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2018-03-22 16:56:09 | DataFile Name :   | 086SMPL.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|-----------|------|------|------|------|---------|--------|-------|
| Zirconium | 91-1 | 4309 | 4167 | 4267 | 4248    | 1.71   | cps   |

|                         |                     |                   |          |
|-------------------------|---------------------|-------------------|----------|
| LB Number :             | LB94089             | Operator :        | Jaswal   |
| Lab Sample ID :         | CCV010              | Instrumnet Name : | P8       |
| Client Sample ID :      | CCV010              | Dilution Factor : | 1        |
| Date & Time Acquired :: | 2018-03-22 17:02:04 | DataFile Name :   | 087CCV.d |

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|------------|-------|----------|----------|----------|----------|--------|-------|
| Aluminium  | 27-2  | 217932   | 214777   | 218398   | 217036   | 0.91   | cps   |
| Antimony   | 121-1 | 3353892  | 3340827  | 3305544  | 3333421  | 0.75   | cps   |
| Arsenic    | 75-2  | 35094    | 34978    | 34901    | 34991    | 0.28   | cps   |
| Barium     | 135-1 | 3603672  | 3603951  | 3647408  | 3618344  | 0.70   | cps   |
| Barium     | 137-1 | 6287532  | 6223181  | 6245530  | 6252081  | 0.52   | cps   |
| Beryllium  | 9-1   | 347773   | 349097   | 353358   | 350076   | 0.83   | cps   |
| Bismuth    | 209-1 | 6406984  | 6732445  | 6731583  | 6623671  | 2.83   | cps   |
| Bismuth    | 209-2 | 1472701  | 1508834  | 1509803  | 1497113  | 1.41   | cps   |
| Boron      | 10-1  | 39973    | 40826    | 42413    | 41071    | 3.02   | cps   |
| Boron      | 11-1  | 188946   | 198143   | 200871   | 195987   | 3.19   | cps   |
| Cadmium    | 111-1 | 660122   | 662080   | 658390   | 660197   | 0.28   | cps   |
| Cadmium    | 106-1 | 70643    | 70183    | 69287    | 70038    | 0.98   | cps   |
| Cadmium    | 108-1 | 47225    | 47784    | 47308    | 47439    | 0.64   | cps   |
| Calcium    | 43-1  | 3049519  | 3057658  | 3086582  | 3064586  | 0.64   | cps   |
| Calcium    | 44-1  | 49464090 | 49858968 | 49735006 | 49686021 | 0.41   | cps   |
| Chromium   | 52-2  | 278467   | 278647   | 279817   | 278977   | 0.26   | cps   |
| Cobalt     | 59-2  | 585381   | 590178   | 589745   | 588435   | 0.45   | cps   |
| Copper     | 63-2  | 982234   | 994314   | 983273   | 986607   | 0.68   | cps   |
| Dysprosium | 156-1 | 75       | 133      | 75       | 94       | 35.66  | cps   |
| Dysprosium | 156-2 | 17       | 3        | 13       | 11       | 62.48  | cps   |
| Erbium     | 164-1 | 75       | 58       | 50       | 61       | 20.83  | cps   |
| Erbium     | 164-2 | 3        | 10       | 0        | 4        | 114.60 | cps   |
| Gadolinium | 160-1 | 75       | 75       | 33       | 61       | 39.37  | cps   |
| Gadolinium | 160-2 | 13       | 13       | 3        | 10       | 57.75  | cps   |
| Holmium    | 165-1 | 9569592  | 10121336 | 10274540 | 9988489  | 3.71   | cps   |
| Holmium    | 165-2 | 1968924  | 2035072  | 2028824  | 2010940  | 1.82   | cps   |
| Indium     | 115-1 | 6732441  | 7099780  | 7200405  | 7010875  | 3.51   | cps   |
| Indium     | 115-2 | 295462   | 305844   | 308369   | 303225   | 2.26   | cps   |
| Iron       | 56-2  | 45890791 | 45997347 | 45832891 | 45907010 | 0.18   | cps   |
| Iron       | 57-2  | 1137575  | 1141673  | 1143908  | 1141052  | 0.28   | cps   |
| Lead       | 206-1 | 2471488  | 2448431  | 2444241  | 2454720  | 0.60   | cps   |
| Lead       | 207-1 | 2252864  | 2257896  | 2232925  | 2247895  | 0.59   | cps   |
| Lead       | 208-1 | 10016815 | 10012644 | 9947227  | 9992228  | 0.39   | cps   |
| Lithium    | 6-1   | 1187171  | 1260694  | 1276866  | 1241577  | 3.85   | cps   |
| Magnesium  | 24-2  | 5049751  | 5101726  | 5098085  | 5083187  | 0.57   | cps   |
| Manganese  | 55-2  | 159094   | 159485   | 160159   | 159579   | 0.34   | cps   |

|                         |                     |                   |          |
|-------------------------|---------------------|-------------------|----------|
| LB Number :             | LB94089             | Operator :        | Jaswal   |
| Lab Sample ID :         | CCV010              | Instrumnet Name : | P8       |
| Client Sample ID :      | CCV010              | Dilution Factor : | 1        |
| Date & Time Acquired :: | 2018-03-22 17:02:04 | DataFile Name :   | 087CCV.d |

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|------------|-------|----------|----------|----------|----------|--------|-------|
| Molybdenum | 94-1  | 5485495  | 5442721  | 5497514  | 5475243  | 0.53   | cps   |
| Molybdenum | 95-1  | 6660191  | 6696349  | 6702270  | 6686270  | 0.34   | cps   |
| Molybdenum | 96-1  | 7400360  | 7374257  | 7362319  | 7378979  | 0.26   | cps   |
| Molybdenum | 97-1  | 4186212  | 4181671  | 4164840  | 4177574  | 0.27   | cps   |
| Molybdenum | 98-1  | 10668277 | 10693245 | 10593780 | 10651767 | 0.49   | cps   |
| Neodymium  | 150-1 | 187      | 227      | 160      | 191      | 17.56  | cps   |
| Neodymium  | 150-2 | 10       | 23       | 10       | 14       | 53.28  | cps   |
| Nickel     | 60-2  | 169453   | 171445   | 170951   | 170616   | 0.61   | cps   |
| Phosphorus | 31-2  | 3226     | 2825     | 2717     | 2923     | 9.16   | cps   |
| Potassium  | 39-2  | 1388125  | 1394305  | 1402529  | 1394987  | 0.52   | cps   |
| Rhodium    | 103-1 | 5933543  | 6327644  | 6259100  | 6173429  | 3.41   | cps   |
| Rhodium    | 103-2 | 1717625  | 1746620  | 1762316  | 1742187  | 1.30   | cps   |
| Scandium   | 45-1  | 3455889  | 3633366  | 3640075  | 3576444  | 2.92   | cps   |
| Scandium   | 45-2  | 30554    | 32277    | 32705    | 31845    | 3.58   | cps   |
| Selenium   | 77-2  | 227      | 247      | 187      | 220      | 13.89  | cps   |
| Selenium   | 78-2  | 750      | 767      | 882      | 799      | 8.96   | cps   |
| Selenium   | 82-1  | 39346    | 39705    | 39571    | 39541    | 0.46   | cps   |
| Silicon    | 28-1  | 1288961  | 1286816  | 1279563  | 1285113  | 0.38   | cps   |
| Silver     | 109-1 | 3162638  | 3170521  | 3119898  | 3151019  | 0.86   | cps   |
| Silver     | 107-1 | 3307635  | 3278860  | 3273077  | 3286524  | 0.56   | cps   |
| Sodium     | 23-2  | 11613855 | 11661252 | 11741087 | 11672064 | 0.55   | cps   |
| Strontium  | 86-1  | 849991   | 843280   | 856676   | 849983   | 0.79   | cps   |
| Strontium  | 88-1  | 7449292  | 7428581  | 7506001  | 7461291  | 0.54   | cps   |
| Sulfur     | 34-1  | 411734   | 416231   | 418543   | 415503   | 0.83   | cps   |
| Terbium    | 159-1 | 9959841  | 10473565 | 10506967 | 10313457 | 2.97   | cps   |
| Terbium    | 159-2 | 1899982  | 1945389  | 1947022  | 1930797  | 1.38   | cps   |
| Thallium   | 203-1 | 2995565  | 3023819  | 3013363  | 3010916  | 0.47   | cps   |
| Thallium   | 205-1 | 7141533  | 7149093  | 7093607  | 7128078  | 0.42   | cps   |
| Tin        | 118-1 | 2312184  | 2352970  | 2341281  | 2335478  | 0.90   | cps   |
| Titanium   | 47-1  | 1547875  | 1524435  | 1523241  | 1531850  | 0.91   | cps   |
| Uranium    | 238-1 | 10138412 | 10098470 | 10088376 | 10108420 | 0.26   | cps   |
| Vanadium   | 51-2  | 207519   | 211737   | 211126   | 210128   | 1.08   | cps   |
| Yttrium    | 89-1  | 6984513  | 7303361  | 7456500  | 7248124  | 3.32   | cps   |
| Yttrium    | 89-2  | 226113   | 231662   | 233712   | 230496   | 1.71   | cps   |
| Zinc       | 66-2  | 90613    | 90975    | 90828    | 90806    | 0.20   | cps   |
| Zirconium  | 90-1  | 4571278  | 4566090  | 4543150  | 4560173  | 0.33   | cps   |

|                         |                     |                   |          |
|-------------------------|---------------------|-------------------|----------|
| LB Number :             | LB94089             | Operator :        | Jaswal   |
| Lab Sample ID :         | CCV010              | Instrumnet Name : | P8       |
| Client Sample ID :      | CCV010              | Dilution Factor : | 1        |
| Date & Time Acquired :: | 2018-03-22 17:02:04 | DataFile Name :   | 087CCV.d |

| Parameter | Mass | CPS1   | CPS2   | CPS3   | CPSMean | CPSRSD | Units |
|-----------|------|--------|--------|--------|---------|--------|-------|
| Zirconium | 91-1 | 991591 | 994882 | 988934 | 991802  | 0.30   | cps   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB94089             | Operator :        | Jaswal    |
| Lab Sample ID :         | CCB010              | Instrumnet Name : | P8        |
| Client Sample ID :      | CCB010              | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2018-03-22 17:08:09 | DataFile Name :   | 088CCBE.d |

| Parameter  | Mass  | CPS1     | CPS2    | CPS3     | CPSMean  | CPSRSD | Units |
|------------|-------|----------|---------|----------|----------|--------|-------|
| Aluminium  | 27-2  | 8        | 25      | 8        | 14       | 69.31  | cps   |
| Antimony   | 121-1 | 3676     | 4793    | 4918     | 4462     | 15.33  | cps   |
| Arsenic    | 75-2  | 11       | 13      | 9        | 11       | 16.65  | cps   |
| Barium     | 135-1 | 75       | 58      | 83       | 72       | 17.62  | cps   |
| Barium     | 137-1 | 142      | 92      | 208      | 147      | 39.76  | cps   |
| Beryllium  | 9-1   | 189      | 194     | 189      | 191      | 1.68   | cps   |
| Bismuth    | 209-1 | 7048449  | 6875626 | 7120039  | 7014704  | 1.79   | cps   |
| Bismuth    | 209-2 | 1624895  | 1690089 | 1624979  | 1646654  | 2.28   | cps   |
| Boron      | 10-1  | 692      | 725     | 700      | 706      | 2.46   | cps   |
| Boron      | 11-1  | 3151     | 3351    | 3434     | 3312     | 4.40   | cps   |
| Cadmium    | 111-1 | 850      | 894     | 734      | 826      | 10.01  | cps   |
| Cadmium    | 106-1 | 1167     | 1242    | 1017     | 1142     | 10.03  | cps   |
| Cadmium    | 108-1 | 13       | 13      | 4        | 10       | 49.46  | cps   |
| Calcium    | 43-1  | 583      | 492     | 425      | 500      | 15.90  | cps   |
| Calcium    | 44-1  | 8344     | 8536    | 8536     | 8472     | 1.31   | cps   |
| Chromium   | 52-2  | 140      | 127     | 150      | 139      | 8.43   | cps   |
| Cobalt     | 59-2  | 73       | 47      | 67       | 62       | 22.30  | cps   |
| Copper     | 63-2  | 157      | 207     | 203      | 189      | 14.80  | cps   |
| Dysprosium | 156-1 | 0        | 42      | 17       | 19       | 107.85 | cps   |
| Dysprosium | 156-2 | 3        | 0       | 0        | 1        | 173.21 | cps   |
| Erbium     | 164-1 | 0        | 17      | 33       | 17       | 99.99  | cps   |
| Erbium     | 164-2 | 0        | 0       | 3        | 1        | 173.21 | cps   |
| Gadolinium | 160-1 | 58       | 25      | 42       | 42       | 40.00  | cps   |
| Gadolinium | 160-2 | 7        | 3       | 13       | 8        | 65.47  | cps   |
| Holmium    | 165-1 | 10165865 | 9901339 | 10148540 | 10071915 | 1.47   | cps   |
| Holmium    | 165-2 | 1994278  | 2037202 | 2004550  | 2012010  | 1.11   | cps   |
| Indium     | 115-1 | 7443242  | 7252693 | 7643640  | 7446525  | 2.63   | cps   |
| Indium     | 115-2 | 320739   | 327777  | 318291   | 322269   | 1.53   | cps   |
| Iron       | 56-2  | 2939     | 2945    | 3595     | 3160     | 11.93  | cps   |
| Iron       | 57-2  | 72       | 94      | 94       | 87       | 14.75  | cps   |
| Lead       | 206-1 | 517      | 411     | 411      | 446      | 13.66  | cps   |
| Lead       | 207-1 | 406      | 289     | 444      | 380      | 21.33  | cps   |
| Lead       | 208-1 | 1861     | 1817    | 1922     | 1867     | 2.84   | cps   |
| Lithium    | 6-1   | 1339616  | 1306870 | 1368109  | 1338198  | 2.29   | cps   |
| Magnesium  | 24-2  | 242      | 317     | 167      | 242      | 31.03  | cps   |
| Manganese  | 55-2  | 27       | 17      | 20       | 21       | 24.12  | cps   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB94089             | Operator :        | Jaswal    |
| Lab Sample ID :         | CCB010              | Instrumnet Name : | P8        |
| Client Sample ID :      | CCB010              | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2018-03-22 17:08:09 | DataFile Name :   | 088CCBE.d |

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD  | Units |
|------------|-------|----------|----------|----------|----------|---------|-------|
| Molybdenum | 94-1  | 1000     | 1250     | 1408     | 1220     | 16.88   | cps   |
| Molybdenum | 95-1  | 1200     | 1792     | 2042     | 1678     | 25.76   | cps   |
| Molybdenum | 96-1  | 1375     | 1825     | 2209     | 1803     | 23.14   | cps   |
| Molybdenum | 97-1  | 692      | 992      | 1408     | 1031     | 34.93   | cps   |
| Molybdenum | 98-1  | 1967     | 2517     | 3351     | 2612     | 26.68   | cps   |
| Neodymium  | 150-1 | 20       | 7        | 13       | 13       | 49.99   | cps   |
| Neodymium  | 150-2 | 0        | 0        | 0        | 0        | 0.00    | cps   |
| Nickel     | 60-2  | 187      | 273      | 190      | 217      | 22.66   | cps   |
| Phosphorus | 31-2  | 0        | 0        | 0        | 0        | 0.00    | cps   |
| Potassium  | 39-2  | 1717     | 1925     | 1625     | 1756     | 8.76    | cps   |
| Rhodium    | 103-1 | 6796800  | 6612198  | 6902603  | 6770534  | 2.17    | cps   |
| Rhodium    | 103-2 | 1851569  | 1919477  | 1848347  | 1873131  | 2.14    | cps   |
| Scandium   | 45-1  | 3735157  | 3697222  | 3746929  | 3726436  | 0.70    | cps   |
| Scandium   | 45-2  | 32244    | 33620    | 32494    | 32786    | 2.24    | cps   |
| Selenium   | 77-2  | 0        | 0        | 0        | 0        | 0.00    | cps   |
| Selenium   | 78-2  | 2        | 2        | 0        | 1        | 86.60   | cps   |
| Selenium   | 82-1  | 19       | -18      | -21      | -7       | -338.65 | cps   |
| Silicon    | 28-1  | 237316   | 236130   | 239720   | 237722   | 0.77    | cps   |
| Silver     | 109-1 | 117      | 133      | 192      | 147      | 26.75   | cps   |
| Silver     | 107-1 | 142      | 217      | 150      | 169      | 24.26   | cps   |
| Sodium     | 23-2  | 4034     | 3767     | 4318     | 4040     | 6.81    | cps   |
| Strontium  | 86-1  | 408      | 300      | 467      | 392      | 21.59   | cps   |
| Strontium  | 88-1  | 225      | 267      | 325      | 272      | 18.45   | cps   |
| Sulfur     | 34-1  | 246946   | 248904   | 250371   | 248740   | 0.69    | cps   |
| Terbium    | 159-1 | 10449721 | 10148088 | 10483218 | 10360342 | 1.78    | cps   |
| Terbium    | 159-2 | 1945781  | 2011402  | 1944475  | 1967220  | 1.95    | cps   |
| Thallium   | 203-1 | 583      | 575      | 467      | 542      | 12.02   | cps   |
| Thallium   | 205-1 | 1475     | 1392     | 1392     | 1420     | 3.39    | cps   |
| Tin        | 118-1 | 1458     | 1692     | 1584     | 1578     | 7.40    | cps   |
| Titanium   | 47-1  | 150      | 100      | 142      | 131      | 20.52   | cps   |
| Uranium    | 238-1 | 125      | 208      | 200      | 178      | 25.82   | cps   |
| Vanadium   | 51-2  | 10       | 7        | 17       | 11       | 45.82   | cps   |
| Yttrium    | 89-1  | 7480344  | 7472102  | 7573882  | 7508776  | 0.75    | cps   |
| Yttrium    | 89-2  | 235922   | 241074   | 234747   | 237248   | 1.42    | cps   |
| Zinc       | 66-2  | 40       | 50       | 37       | 42       | 16.43   | cps   |
| Zirconium  | 90-1  | 733      | 767      | 775      | 758      | 2.91    | cps   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB94089             | Operator :        | Jaswal    |
| Lab Sample ID :         | CCB010              | Instrumnet Name : | P8        |
| Client Sample ID :      | CCB010              | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2018-03-22 17:08:09 | DataFile Name :   | 088CCBE.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|-----------|------|------|------|------|---------|--------|-------|
| Zirconium | 91-1 | 150  | 225  | 175  | 183     | 20.83  | cps   |