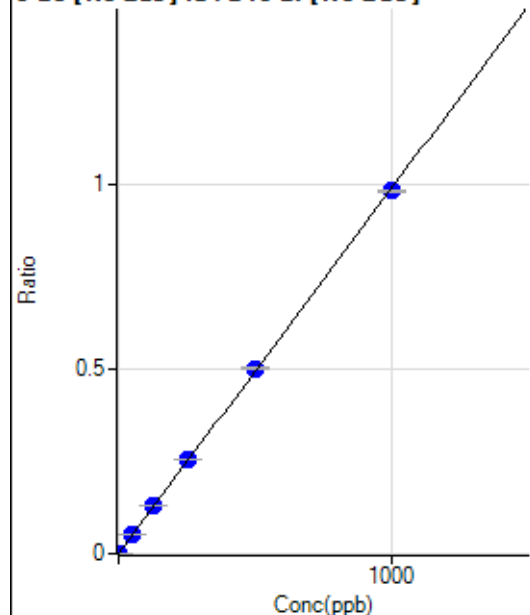


Batch Folder: D:\P8012218 MS.b\  
Analysis File: P8012218 MS.batch.bin  
DA Date-Time: 2018-01-23 10:10:10  
Calibration Title:  
Calibration Method: External Calibration  
VIS Interpolation Fit:

| Level | Standard Data File | Sample Name | Acq. Date-Time      |
|-------|--------------------|-------------|---------------------|
| 1     | 003CALB.d          | S00         | 2018-01-22 13:36:39 |
| 2     |                    |             |                     |
| 3     | 005CALS.d          | S02         | 2018-01-22 13:43:43 |
| 4     | 006CALS.d          | S03         | 2018-01-22 13:47:14 |
| 5     | 007CALS.d          | S04         | 2018-01-22 13:50:45 |
| 6     | 008CALS.d          | S05         | 2018-01-22 13:54:10 |
| 7     | 009CALS.d          | S06         | 2018-01-22 13:57:30 |
| 8     | 010CALS.d          | S07         | 2018-01-22 14:00:46 |
| 9     | 011CALS.d          | S08         | 2018-01-22 14:03:59 |

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      | 53.70     | 0.0001 | P    | 36.7 |
| 2 | <input type="checkbox"/> | 0.100    |            |           |        |      |      |
| 3 | <input type="checkbox"/> | 1.000    | 1.064      | 924.13    | 0.0011 | P    | 9.8  |
| 4 | <input type="checkbox"/> | 50.000   | 53.415     | 44197.66  | 0.0530 | P    | 1.9  |
| 5 | <input type="checkbox"/> | 125.000  | 130.842    | 106912.42 | 0.1297 | P    | 0.6  |
| 6 | <input type="checkbox"/> | 250.000  | 257.480    | 207644.33 | 0.2552 | P    | 0.5  |
| 7 | <input type="checkbox"/> | 500.000  | 507.769    | 396142.51 | 0.5031 | P    | 0.4  |
| 8 | <input type="checkbox"/> | 1000.000 | 993.344    | 750951.51 | 0.9842 | P    | 0.4  |
| 9 | <input type="checkbox"/> |          |            | 557.44    | 0.0007 | P    | 13.2 |

$$y = 9.9073\text{E-}004 * x + 6.5523\text{E-}005$$

$$R = 0.9999$$

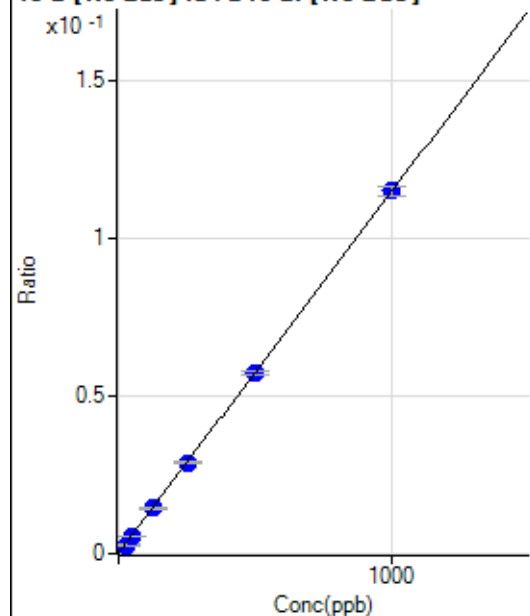
$$DL = 0.07282$$

$$BEC = 0.06614$$

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      | 183.34   | 0.0002 | P    | 15.5 |
| 2 | <input type="checkbox"/> | 2.500    |            |          |        |      |      |
| 3 | <input type="checkbox"/> | 25.000   | 21.295     | 2200.25  | 0.0027 | P    | 12.1 |
| 4 | <input type="checkbox"/> | 50.000   | 46.937     | 4681.51  | 0.0056 | P    | 4.7  |
| 5 | <input type="checkbox"/> | 125.000  | 123.230    | 11844.18 | 0.0144 | P    | 1.1  |
| 6 | <input type="checkbox"/> | 250.000  | 249.834    | 23517.23 | 0.0289 | P    | 2.7  |
| 7 | <input type="checkbox"/> | 500.000  | 496.781    | 45068.97 | 0.0572 | P    | 2.3  |
| 8 | <input type="checkbox"/> | 1000.000 | 1002.118   | 87935.87 | 0.1152 | P    | 2.7  |
| 9 | <input type="checkbox"/> |          |            | 4420.34  | 0.0057 | P    | 9.4  |

$$y = 1.1478\text{E-}004 * x + 2.2337\text{E-}004$$

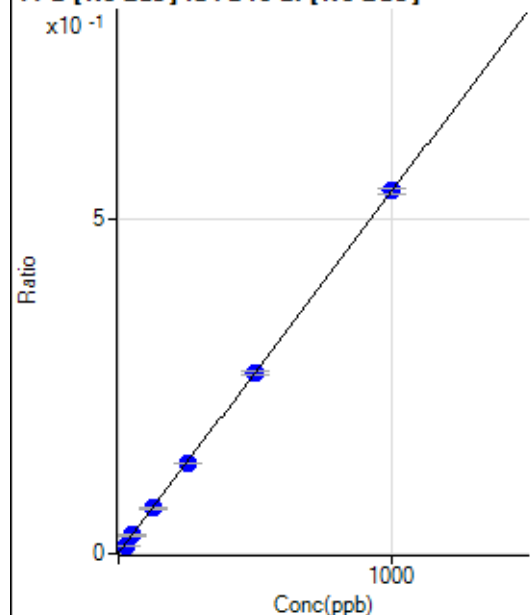
$$R = 1.0000$$

$$DL = 0.9057$$

$$BEC = 1.946$$

Weight: &lt;None&gt;

Min Conc: 0

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

|   | Rj<br>ct                 | Conc.    | Calc Conc. | CPS       | Ratio  | Det<br>. | RSD |
|---|--------------------------|----------|------------|-----------|--------|----------|-----|
| 1 | <input type="checkbox"/> | 0.000    | 0.000      | 675.04    | 0.0008 | P        | 8.2 |
| 2 | <input type="checkbox"/> | 2.500    |            |           |        |          |     |
| 3 | <input type="checkbox"/> | 25.000   | 21.785     | 10365.27  | 0.0126 | P        | 4.0 |
| 4 | <input type="checkbox"/> | 50.000   | 49.133     | 22777.11  | 0.0273 | P        | 1.3 |
| 5 | <input type="checkbox"/> | 125.000  | 123.557    | 55566.84  | 0.0674 | P        | 2.7 |
| 6 | <input type="checkbox"/> | 250.000  | 247.349    | 109152.01 | 0.1341 | P        | 1.0 |
| 7 | <input type="checkbox"/> | 500.000  | 498.433    | 212132.35 | 0.2694 | P        | 2.5 |
| 8 | <input type="checkbox"/> | 1000.000 | 1001.750   | 412572.07 | 0.5407 | P        | 1.4 |
| 9 | <input type="checkbox"/> |          |            | 19728.21  | 0.0255 | P        | 6.0 |

$$y = 5.3894\text{E-}004 * x + 8.2267\text{E-}004$$

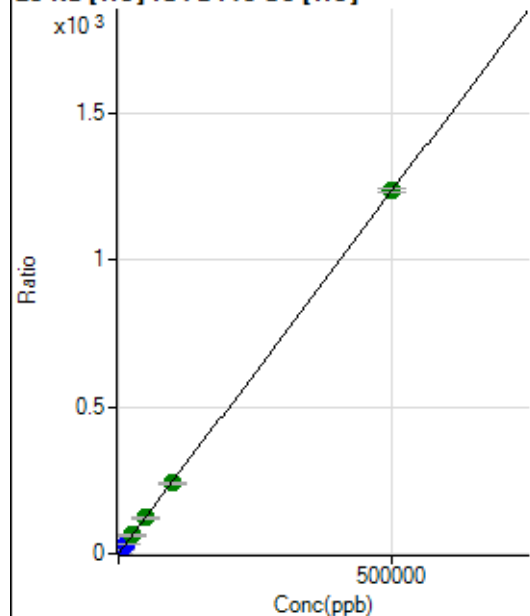
$$R = 1.0000$$

$$DL = 0.3759$$

$$BEC = 1.526$$

Weight: &lt;None&gt;

Min Conc: 0

**23 Na [He] ISTD:45 Sc [He]**

|   | Rj<br>ct                 | Conc.     | Calc Conc. | CPS         | Ratio     | Det<br>. | RSD |
|---|--------------------------|-----------|------------|-------------|-----------|----------|-----|
| 1 | <input type="checkbox"/> | 0.000     | 0.000      | 5440.16     | 0.2740    | P        | 3.0 |
| 2 | <input type="checkbox"/> | 50.000    |            |             |           |          |     |
| 3 | <input type="checkbox"/> | 500.000   | 455.704    | 27627.64    | 1.3989    | P        | 1.5 |
| 4 | <input type="checkbox"/> | 5000.000  | 4968.824   | 243348.50   | 12.5399   | P        | 1.2 |
| 5 | <input type="checkbox"/> | 12500.000 | 12268.027  | 583734.39   | 30.5584   | P        | 1.3 |
| 6 | <input type="checkbox"/> | 25000.000 | 25602.816  | 1143635.41  | 63.4763   | A        | 6.8 |
| 7 | <input type="checkbox"/> | 50000.000 | 49332.009  | 2106275.16  | 122.0535  | A        | 1.4 |
| 8 | <input type="checkbox"/> | 100000.00 | 96879.130  | 4010435.38  | 239.4269  | A        | 0.2 |
| 9 | <input type="checkbox"/> | 500000.00 | 500666.98  | 21995259.52 | 1,236.205 | A        | 1.1 |

$$y = 0.0025 * x + 0.2740$$

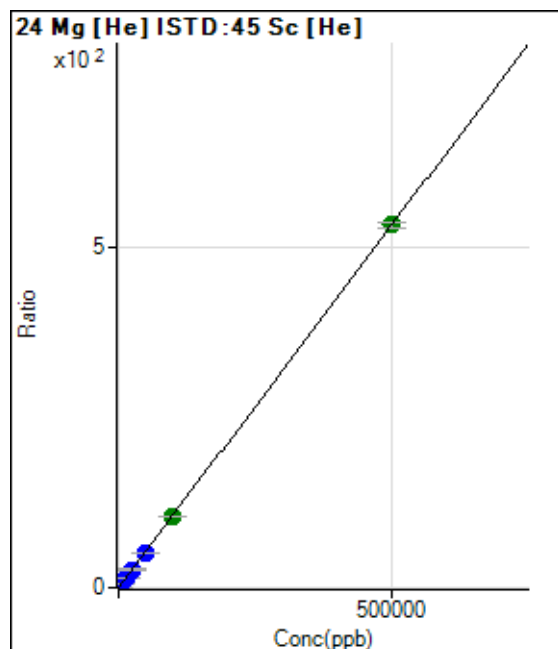
$$R = 1.0000$$

$$DL = 9.904$$

$$BEC = 111$$

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      | 491.70     | 0.0248   | P    | 12.3 |
| 2 | <input type="checkbox"/> | 50.000    |            |            |          |      |      |
| 3 | <input type="checkbox"/> | 500.000   | 459.256    | 10167.96   | 0.5148   | P    | 4.3  |
| 4 | <input type="checkbox"/> | 5000.000  | 4981.507   | 103620.49  | 5.3398   | P    | 1.5  |
| 5 | <input type="checkbox"/> | 12500.000 | 12187.165  | 248883.40  | 13.0280  | P    | 0.7  |
| 6 | <input type="checkbox"/> | 25000.000 | 24736.575  | 476138.34  | 26.4177  | P    | 5.8  |
| 7 | <input type="checkbox"/> | 50000.000 | 48442.510  | 892375.69  | 51.7109  | P    | 1.4  |
| 8 | <input type="checkbox"/> | 100000.00 | 97445.076  | 1741925.11 | 103.9945 | A    | 0.2  |
| 9 | <input type="checkbox"/> | 500000.00 | 500687.95  | 9505635.11 | 534.2375 | A    | 1.4  |

$$y = 0.0011 * x + 0.0248$$

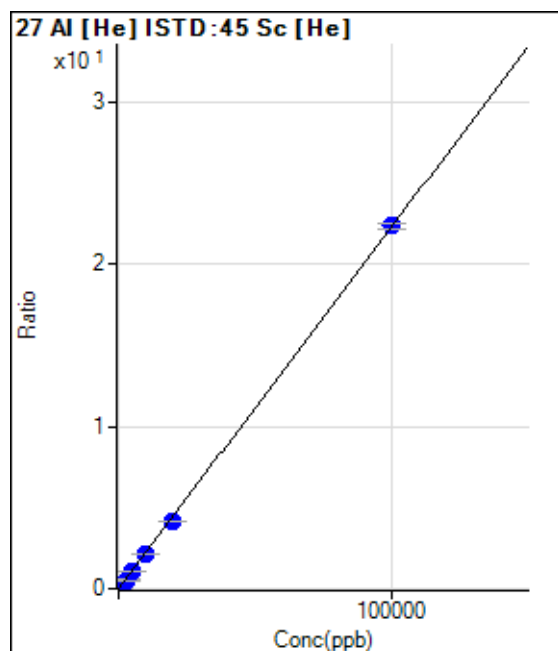
$$R = 1.0000$$

$$DL = 8.554$$

$$BEC = 23.23$$

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      | 13.89     | 0.0007  | P    | 123.8 |
| 2 | <input type="checkbox"/> | 2.000     |            |           |         |      |       |
| 3 | <input type="checkbox"/> | 20.000    | 16.459     | 86.12     | 0.0044  | P    | 6.4   |
| 4 | <input type="checkbox"/> | 1000.000  | 1003.689   | 4353.64   | 0.2243  | P    | 0.9   |
| 5 | <input type="checkbox"/> | 2500.000  | 2383.145   | 10156.86  | 0.5317  | P    | 1.5   |
| 6 | <input type="checkbox"/> | 5000.000  | 4862.104   | 19555.79  | 1.0840  | P    | 4.2   |
| 7 | <input type="checkbox"/> | 10000.000 | 9562.193   | 36782.04  | 2.1313  | P    | 0.5   |
| 8 | <input type="checkbox"/> | 20000.000 | 18577.811  | 69347.68  | 4.1401  | P    | 0.6   |
| 9 | <input type="checkbox"/> | 100000.00 | 100337.99  | 397811.28 | 22.3576 | P    | 1.6   |

$$y = 2.2282E-004 * x + 6.9429E-004$$

$$R = 0.9999$$

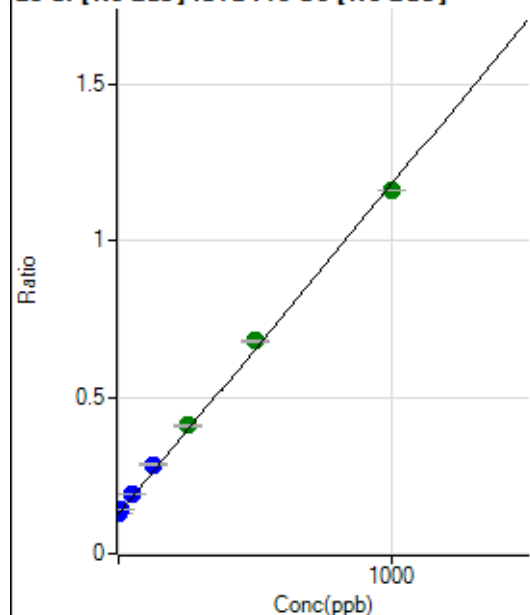
$$DL = 11.57$$

$$BEC = 3.116$$

Weight: &lt;None&gt;

Min Conc: 0

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



|   | R <sub>ct</sub>          | Conc.    | Calc Conc. | CPS        | Ratio  | Det. | RSD |
|---|--------------------------|----------|------------|------------|--------|------|-----|
| 1 | <input type="checkbox"/> | 0.000    | 0.000      | 341362.94  | 0.1272 | P    | 0.5 |
| 2 | <input type="checkbox"/> | 1.000    |            |            |        |      |     |
| 3 | <input type="checkbox"/> | 10.000   | 14.510     | 384092.83  | 0.1425 | P    | 1.3 |
| 4 | <input type="checkbox"/> | 50.000   | 57.975     | 508245.49  | 0.1883 | P    | 0.6 |
| 5 | <input type="checkbox"/> | 125.000  | 150.025    | 764706.79  | 0.2852 | P    | 0.7 |
| 6 | <input type="checkbox"/> | 250.000  | 267.386    | 1084876.98 | 0.4088 | A    | 1.3 |
| 7 | <input type="checkbox"/> | 500.000  | 524.963    | 1738898.76 | 0.6801 | A    | 0.9 |
| 8 | <input type="checkbox"/> | 1000.000 | 979.600    | 2878985.93 | 1.1590 | A    | 0.1 |
| 9 | <input type="checkbox"/> |          |            | 709078.43  | 0.2714 | P    | 1.8 |

$$y = 0.0011 * x + 0.1272$$

$$R = 0.9992$$

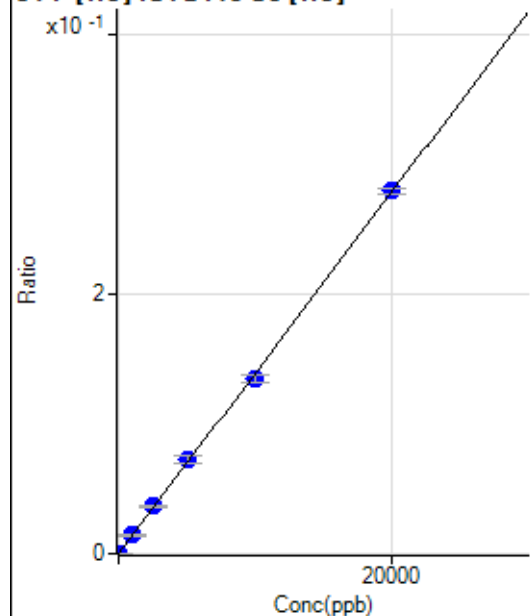
$$DL = 1.806$$

$$BEC = 120.8$$

Weight: &lt;None&gt;

Min Conc: 0

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



|   | R <sub>ct</sub>          | Conc.     | Calc Conc. | CPS     | Ratio  | Det. | RSD   |
|---|--------------------------|-----------|------------|---------|--------|------|-------|
| 1 | <input type="checkbox"/> | 0.000     | -4.973     | 0.00    | 0.0000 | P    |       |
| 2 | <input type="checkbox"/> | 0.000     |            |         |        |      |       |
| 3 | <input type="checkbox"/> | 0.000     | 4.973      | 2.78    | 0.0001 | P    | 173.2 |
| 4 | <input type="checkbox"/> | 1000.000  | 1012.420   | 275.02  | 0.0142 | P    | 5.9   |
| 5 | <input type="checkbox"/> | 2500.000  | 2616.274   | 697.27  | 0.0365 | P    | 6.3   |
| 6 | <input type="checkbox"/> | 5000.000  | 5251.037   | 1319.57 | 0.0731 | P    | 7.9   |
| 7 | <input type="checkbox"/> | 10000.000 | 9662.359   | 2322.52 | 0.1345 | P    | 4.2   |
| 8 | <input type="checkbox"/> | 20000.000 | 20090.906  | 4684.31 | 0.2797 | P    | 1.8   |
| 9 | <input type="checkbox"/> |           |            | 8.33    | 0.0005 | P    | 0.9   |

$$y = 1.3916E-005 * x + 6.9205E-005$$

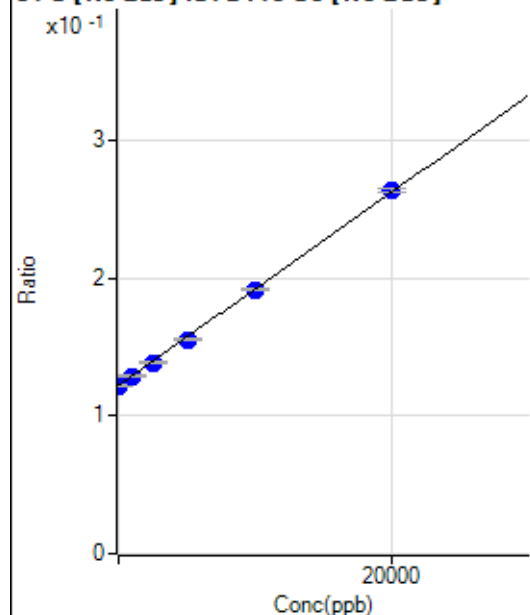
$$R = 0.9997$$

$$DL = 25.84$$

$$BEC = 4.973$$

Weight: &lt;None&gt;

Min Conc: 0

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

|   | Rj<br>ct                 | Conc.     | Calc Conc. | CPS       | Ratio  | Det. | RSD |
|---|--------------------------|-----------|------------|-----------|--------|------|-----|
| 1 | <input type="checkbox"/> | 0.000     | 62.251     | 328830.84 | 0.1225 | P    | 0.4 |
| 2 | <input type="checkbox"/> | 0.000     |            |           |        |      |     |
| 3 | <input type="checkbox"/> | 0.000     | -62.251    | 327953.57 | 0.1217 | P    | 1.4 |
| 4 | <input type="checkbox"/> | 1000.000  | 966.198    | 347901.27 | 0.1289 | P    | 1.2 |
| 5 | <input type="checkbox"/> | 2500.000  | 2348.979   | 371521.06 | 0.1386 | P    | 0.4 |
| 6 | <input type="checkbox"/> | 5000.000  | 4752.701   | 412431.97 | 0.1554 | P    | 0.7 |
| 7 | <input type="checkbox"/> | 10000.000 | 9911.824   | 489853.79 | 0.1916 | P    | 0.7 |
| 8 | <input type="checkbox"/> | 20000.000 | 20126.481  | 653773.71 | 0.2632 | P    | 1.1 |
| 9 | <input type="checkbox"/> |           |            | 284708.48 | 0.1090 | P    | 1.4 |

$$y = 7.0105\text{E-}006 * x + 0.1221$$

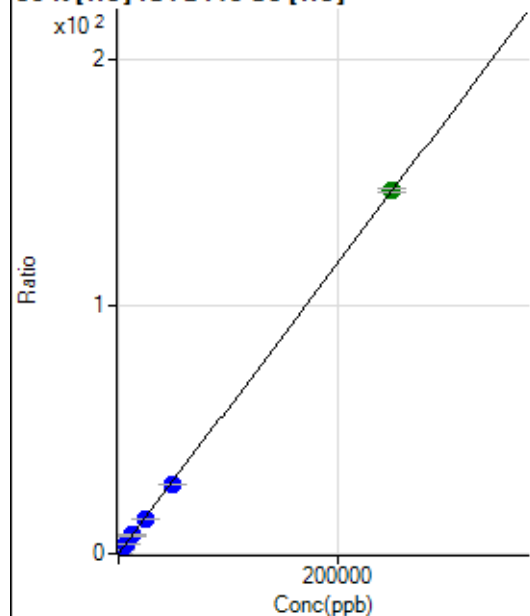
R = 0.9999

DL = 493.7

BEC = 1.742E+04

Weight: &lt;None&gt;

Min Conc: 0

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

|   | Rj<br>ct                 | Conc.     | Calc Conc. | CPS        | Ratio    | Det. | RSD |
|---|--------------------------|-----------|------------|------------|----------|------|-----|
| 1 | <input type="checkbox"/> | 0.000     | 0.000      | 1972.45    | 0.0994   | P    | 5.2 |
| 2 | <input type="checkbox"/> | 50.000    |            |            |          |      |     |
| 3 | <input type="checkbox"/> | 500.000   | 444.494    | 7099.30    | 0.3595   | P    | 4.6 |
| 4 | <input type="checkbox"/> | 2500.000  | 2527.910   | 30628.59   | 1.5786   | P    | 4.1 |
| 5 | <input type="checkbox"/> | 6250.000  | 6104.206   | 70128.01   | 3.6714   | P    | 2.0 |
| 6 | <input type="checkbox"/> | 12500.000 | 12574.322  | 134391.15  | 7.4575   | P    | 6.3 |
| 7 | <input type="checkbox"/> | 25000.000 | 23867.641  | 242741.75  | 14.0661  | P    | 1.3 |
| 8 | <input type="checkbox"/> | 50000.000 | 47660.884  | 468826.69  | 27.9894  | P    | 0.9 |
| 9 | <input type="checkbox"/> | 250000.00 | 250580.82  | 2610787.37 | 146.7332 | A    | 1.1 |

$$y = 5.8518\text{E-}004 * x + 0.0994$$

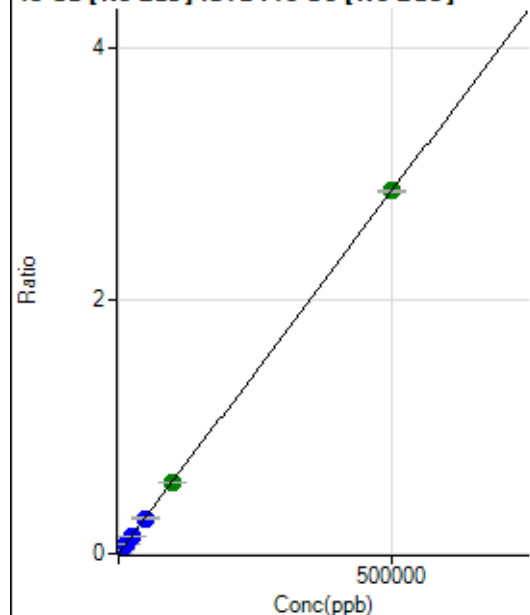
R = 0.9999

DL = 26.34

BEC = 169.8

Weight: &lt;None&gt;

Min Conc: 0

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

|   | Rj<br>ct                 | Conc.     | Calc Conc. | CPS        | Ratio  | Det. | RSD  |
|---|--------------------------|-----------|------------|------------|--------|------|------|
| 1 | <input type="checkbox"/> | 0.000     | 0.000      | 944.52     | 0.0004 | P    | 12.0 |
| 2 | <input type="checkbox"/> | 50.000    |            |            |        |      |      |
| 3 | <input type="checkbox"/> | 500.000   | 425.115    | 7513.50    | 0.0028 | P    | 4.7  |
| 4 | <input type="checkbox"/> | 5000.000  | 4957.299   | 77581.29   | 0.0287 | P    | 0.7  |
| 5 | <input type="checkbox"/> | 12500.000 | 12157.066  | 187573.34  | 0.0700 | P    | 1.6  |
| 6 | <input type="checkbox"/> | 25000.000 | 24347.386  | 370888.79  | 0.1398 | P    | 1.1  |
| 7 | <input type="checkbox"/> | 50000.000 | 48917.771  | 717069.77  | 0.2805 | P    | 0.6  |
| 8 | <input type="checkbox"/> | 100000.00 | 98792.933  | 1406060.68 | 0.5661 | A    | 1.0  |
| 9 | <input type="checkbox"/> | 500000.00 | 500391.34  | 7486660.58 | 2.8657 | A    | 0.8  |

$$y = 5.7262\text{E-}006 * x + 3.5196\text{E-}004$$

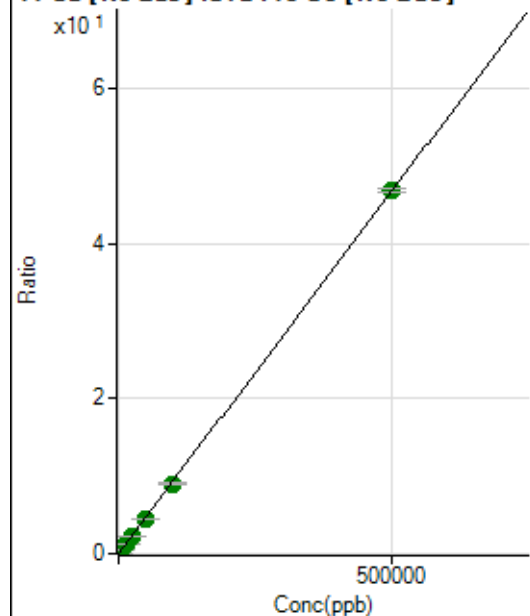
$$R = 1.0000$$

$$DL = 22.06$$

$$BEC = 61.46$$

Weight: &lt;None&gt;

Min Conc: 0

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

|   | Rj<br>ct                 | Conc.     | Calc Conc. | CPS         | Ratio   | Det. | RSD |
|---|--------------------------|-----------|------------|-------------|---------|------|-----|
| 1 | <input type="checkbox"/> | 0.000     | 0.000      | 13493.17    | 0.0050  | P    | 0.8 |
| 2 | <input type="checkbox"/> | 50.000    |            |             |         |      |     |
| 3 | <input type="checkbox"/> | 500.000   | 442.323    | 125016.48   | 0.0464  | P    | 0.2 |
| 4 | <input type="checkbox"/> | 5000.000  | 4949.653   | 1262547.38  | 0.4677  | A    | 1.4 |
| 5 | <input type="checkbox"/> | 12500.000 | 12180.095  | 3065891.15  | 1.1436  | A    | 1.3 |
| 6 | <input type="checkbox"/> | 25000.000 | 24135.996  | 6000201.13  | 2.2612  | A    | 1.1 |
| 7 | <input type="checkbox"/> | 50000.000 | 48498.513  | 11603565.79 | 4.5385  | A    | 0.7 |
| 8 | <input type="checkbox"/> | 100000.00 | 96436.072  | 22404057.79 | 9.0195  | A    | 1.0 |
| 9 | <input type="checkbox"/> | 500000.00 | 500914.69  | 122343980.5 | 46.8288 | A    | 0.9 |

$$y = 9.3477\text{E-}005 * x + 0.0050$$

$$R = 1.0000$$

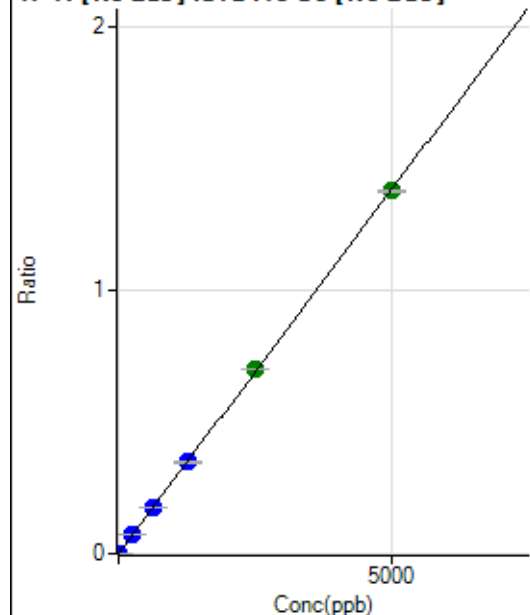
$$DL = 1.215$$

$$BEC = 53.79$$

Weight: &lt;None&gt;

Min Conc: 0

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



|   | R <sub>ct</sub>          | Conc.    | Calc Conc. | CPS        | Ratio  | Det. | RSD  |
|---|--------------------------|----------|------------|------------|--------|------|------|
| 1 | <input type="checkbox"/> | 0.000    | 0.000      | 105.56     | 0.0000 | P    | 36.4 |
| 2 | <input type="checkbox"/> | 0.500    |            |            |        |      |      |
| 3 | <input type="checkbox"/> | 5.000    | 4.584      | 3514.50    | 0.0013 | P    | 11.7 |
| 4 | <input type="checkbox"/> | 250.000  | 253.442    | 189000.26  | 0.0700 | P    | 0.8  |
| 5 | <input type="checkbox"/> | 625.000  | 623.484    | 461613.43  | 0.1722 | P    | 0.4  |
| 6 | <input type="checkbox"/> | 1250.000 | 1255.063   | 919594.89  | 0.3465 | P    | 0.7  |
| 7 | <input type="checkbox"/> | 2500.000 | 2528.423   | 1784876.41 | 0.6981 | A    | 0.3  |
| 8 | <input type="checkbox"/> | 5000.000 | 4984.540   | 3418443.52 | 1.3762 | A    | 0.7  |
| 9 | <input type="checkbox"/> |          |            | 622.26     | 0.0002 | P    | 6.8  |

$$y = 2.7608\text{E-}004 * x + 3.9331\text{E-}005$$

$$R = 1.0000$$

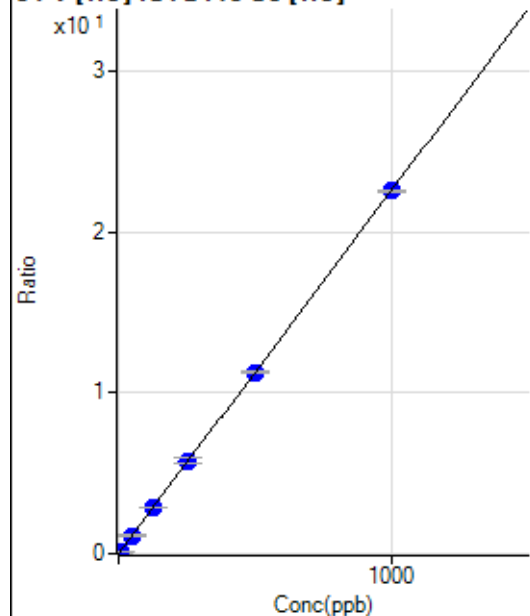
$$DL = 0.1555$$

$$BEC = 0.1425$$

Weight: &lt;None&gt;

Min Conc: 0

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



|   | R <sub>ct</sub>          | Conc.    | Calc Conc. | CPS       | Ratio   | Det. | RSD   |
|---|--------------------------|----------|------------|-----------|---------|------|-------|
| 1 | <input type="checkbox"/> | 0.000    | 0.000      | 3.33      | 0.0002  | P    | 100.4 |
| 2 | <input type="checkbox"/> | 0.500    |            |           |         |      |       |
| 3 | <input type="checkbox"/> | 5.000    | 4.611      | 2062.41   | 0.1044  | P    | 1.6   |
| 4 | <input type="checkbox"/> | 50.000   | 50.058     | 21965.23  | 1.1318  | P    | 2.1   |
| 5 | <input type="checkbox"/> | 125.000  | 124.938    | 53958.02  | 2.8246  | P    | 0.9   |
| 6 | <input type="checkbox"/> | 250.000  | 254.709    | 103758.22 | 5.7583  | P    | 6.5   |
| 7 | <input type="checkbox"/> | 500.000  | 500.065    | 195096.23 | 11.3049 | P    | 1.0   |
| 8 | <input type="checkbox"/> | 1000.000 | 998.797    | 378210.95 | 22.5795 | P    | 0.4   |
| 9 | <input type="checkbox"/> |          |            | 71.11     | 0.0040  | P    | 22.0  |

$$y = 0.0226 * x + 1.6659\text{E-}004$$

$$R = 1.0000$$

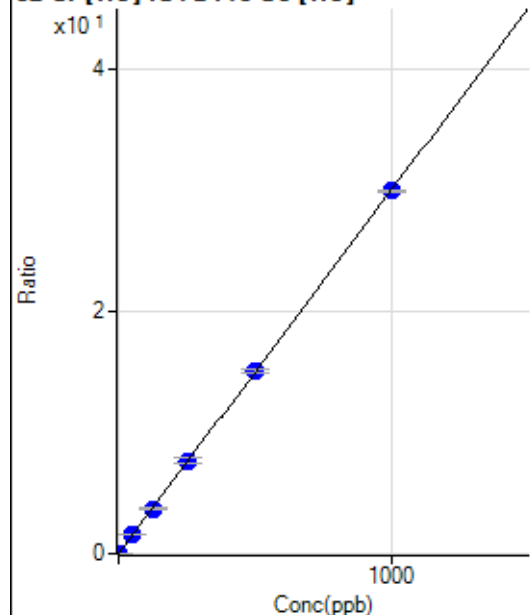
$$DL = 0.02219$$

$$BEC = 0.007369$$

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      | 181.11    | 0.0091  | P    | 5.9 |
| 2 | <input type="checkbox"/> | 0.200    |            |           |         |      |     |
| 3 | <input type="checkbox"/> | 2.000    | 1.934      | 1324.53   | 0.0671  | P    | 1.7 |
| 4 | <input type="checkbox"/> | 50.000   | 50.545     | 29558.03  | 1.5232  | P    | 1.7 |
| 5 | <input type="checkbox"/> | 125.000  | 123.840    | 71033.58  | 3.7188  | P    | 2.3 |
| 6 | <input type="checkbox"/> | 250.000  | 255.638    | 138133.21 | 7.6668  | P    | 6.7 |
| 7 | <input type="checkbox"/> | 500.000  | 502.245    | 259782.60 | 15.0540 | P    | 1.4 |
| 8 | <input type="checkbox"/> | 1000.000 | 997.586    | 500696.04 | 29.8920 | P    | 0.4 |
| 9 | <input type="checkbox"/> |          |            | 4998.76   | 0.2809  | P    | 2.6 |

$$y = 0.0300 * x + 0.0091$$

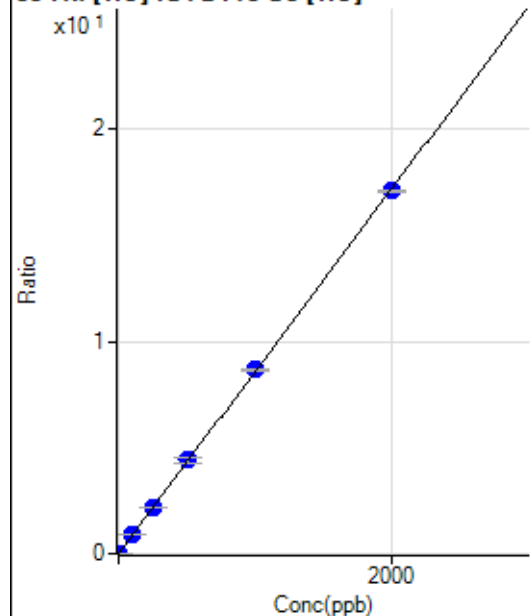
$$R = 1.0000$$

$$DL = 0.05403$$

$$BEC = 0.3045$$

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      | 18.89     | 0.0010  | P    | 63.1 |
| 2 | <input type="checkbox"/> | 0.100    |            |           |         |      |      |
| 3 | <input type="checkbox"/> | 1.000    | 0.957      | 181.11    | 0.0092  | P    | 23.3 |
| 4 | <input type="checkbox"/> | 100.000  | 101.298    | 16902.66  | 0.8709  | P    | 1.1  |
| 5 | <input type="checkbox"/> | 250.000  | 251.941    | 41352.34  | 2.1647  | P    | 1.1  |
| 6 | <input type="checkbox"/> | 500.000  | 516.451    | 79952.52  | 4.4365  | P    | 6.1  |
| 7 | <input type="checkbox"/> | 1000.000 | 1009.890   | 149696.28 | 8.6743  | P    | 1.0  |
| 8 | <input type="checkbox"/> | 2000.000 | 1990.635   | 286384.48 | 17.0974 | P    | 0.4  |
| 9 | <input type="checkbox"/> |          |            | 780.04    | 0.0438  | P    | 3.6  |

$$y = 0.0086 * x + 9.5520E-004$$

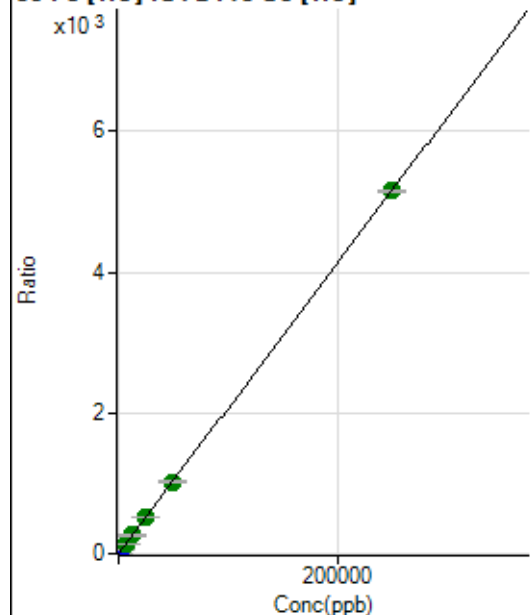
$$R = 0.9999$$

$$DL = 0.2105$$

$$BEC = 0.1112$$

Weight: &lt;None&gt;

Min Conc: 0

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

|   | R <sub>ct</sub>          | Conc.     | Calc Conc. | CPS         | Ratio     | Det. | RSD |
|---|--------------------------|-----------|------------|-------------|-----------|------|-----|
| 1 | <input type="checkbox"/> | 0.000     | 0.000      | 1364.92     | 0.0687    | P    | 4.7 |
| 2 | <input type="checkbox"/> | 5.000     |            |             |           |      |     |
| 3 | <input type="checkbox"/> | 50.000    | 46.784     | 20402.42    | 1.0331    | P    | 2.1 |
| 4 | <input type="checkbox"/> | 2500.000  | 2497.943   | 1000544.00  | 51.5601   | P    | 1.4 |
| 5 | <input type="checkbox"/> | 6250.000  | 6277.207   | 2473269.53  | 129.4640  | A    | 0.3 |
| 6 | <input type="checkbox"/> | 12500.000 | 12719.413  | 4725879.50  | 262.2606  | A    | 6.5 |
| 7 | <input type="checkbox"/> | 25000.000 | 24759.958  | 8809087.12  | 510.4585  | A    | 1.1 |
| 8 | <input type="checkbox"/> | 50000.000 | 49483.203  | 17086737.42 | 1,020.091 | A    | 0.9 |
| 9 | <input type="checkbox"/> | 250000.00 | 250115.73  | 91739105.76 | 5,155.833 | A    | 0.7 |

$$y = 0.0206 * x + 0.0687$$

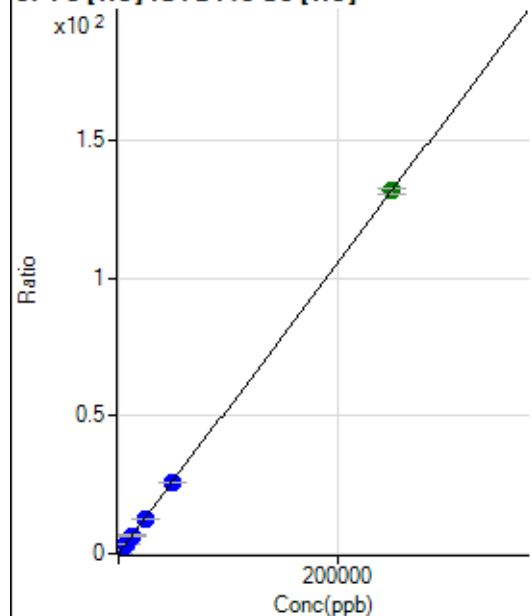
$$R = 1.0000$$

$$DL = 0.4686$$

$$BEC = 3.334$$

Weight: &lt;None&gt;

Min Conc: 0

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

|   | R <sub>ct</sub>          | Conc.     | Calc Conc. | CPS        | Ratio    | Det. | RSD  |
|---|--------------------------|-----------|------------|------------|----------|------|------|
| 1 | <input type="checkbox"/> | 0.000     | 0.000      | 31.48      | 0.0016   | P    | 25.6 |
| 2 | <input type="checkbox"/> | 5.000     |            |            |          |      |      |
| 3 | <input type="checkbox"/> | 50.000    | 43.300     | 481.51     | 0.0244   | P    | 15.2 |
| 4 | <input type="checkbox"/> | 2500.000  | 2440.710   | 24957.95   | 1.2862   | P    | 2.2  |
| 5 | <input type="checkbox"/> | 6250.000  | 6059.174   | 60951.88   | 3.1908   | P    | 1.7  |
| 6 | <input type="checkbox"/> | 12500.000 | 12467.910  | 118303.16  | 6.5641   | P    | 5.9  |
| 7 | <input type="checkbox"/> | 25000.000 | 24341.995  | 221135.04  | 12.8140  | P    | 1.3  |
| 8 | <input type="checkbox"/> | 50000.000 | 48684.255  | 429248.58  | 25.6265  | P    | 0.3  |
| 9 | <input type="checkbox"/> | 250000.00 | 250335.91  | 2344448.72 | 131.7660 | A    | 1.5  |

$$y = 5.2635E-004 * x + 0.0016$$

$$R = 1.0000$$

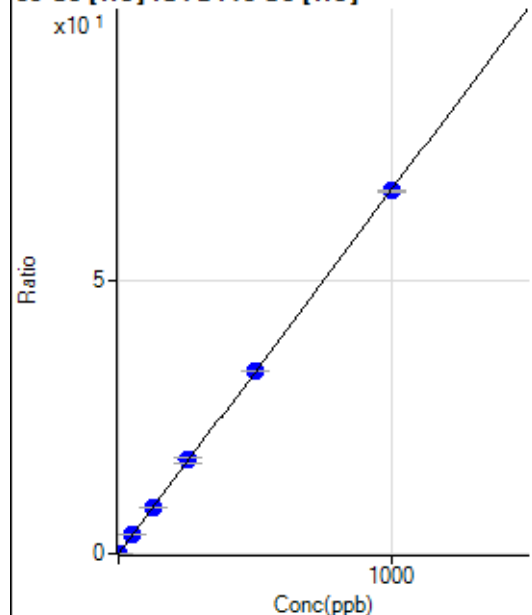
$$DL = 2.302$$

$$BEC = 3.003$$

Weight: &lt;None&gt;

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      | 56.67      | 0.0028  | P    | 32.1 |
| 2 | <input type="checkbox"/> | 0.100    |            |            |         |      |      |
| 3 | <input type="checkbox"/> | 1.000    | 0.971      | 1337.87    | 0.0677  | P    | 0.8  |
| 4 | <input type="checkbox"/> | 50.000   | 50.310     | 65287.60   | 3.3640  | P    | 0.4  |
| 5 | <input type="checkbox"/> | 125.000  | 125.303    | 159966.97  | 8.3741  | P    | 1.0  |
| 6 | <input type="checkbox"/> | 250.000  | 257.342    | 309848.69  | 17.1953 | P    | 6.5  |
| 7 | <input type="checkbox"/> | 500.000  | 501.453    | 578200.72  | 33.5037 | P    | 0.7  |
| 8 | <input type="checkbox"/> | 1000.000 | 997.384    | 1116158.93 | 66.6356 | P    | 0.7  |
| 9 | <input type="checkbox"/> |          |            | 1354.53    | 0.0761  | P    | 3.2  |

$$y = 0.0668 * x + 0.0028$$

$$R = 1.0000$$

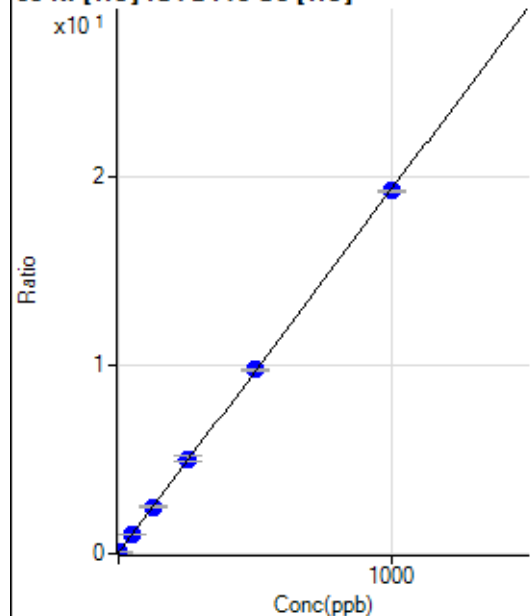
$$DL = 0.04099$$

$$BEC = 0.04262$$

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      | 897.82    | 0.0452  | P    | 5.4 |
| 2 | <input type="checkbox"/> | 0.100    |            |           |         |      |     |
| 3 | <input type="checkbox"/> | 1.000    | 1.027      | 1284.53   | 0.0650  | P    | 0.3 |
| 4 | <input type="checkbox"/> | 50.000   | 50.803     | 19920.02  | 1.0267  | P    | 2.5 |
| 5 | <input type="checkbox"/> | 125.000  | 126.078    | 47388.22  | 2.4809  | P    | 2.0 |
| 6 | <input type="checkbox"/> | 250.000  | 259.149    | 91023.89  | 5.0518  | P    | 6.6 |
| 7 | <input type="checkbox"/> | 500.000  | 503.893    | 168776.27 | 9.7800  | P    | 1.2 |
| 8 | <input type="checkbox"/> | 1000.000 | 995.591    | 322931.12 | 19.2792 | P    | 0.8 |
| 9 | <input type="checkbox"/> |          |            | 2739.21   | 0.1540  | P    | 2.2 |

$$y = 0.0193 * x + 0.0452$$

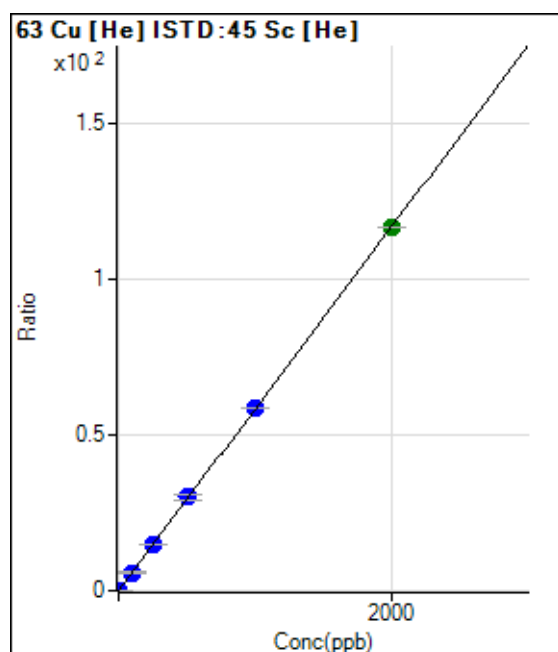
$$R = 0.9999$$

$$DL = 0.3778$$

$$BEC = 2.339$$

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      | 115.56     | 0.0058   | P    | 17.0 |
| 2 | <input type="checkbox"/> | 0.200    |            |            |          |      |      |
| 3 | <input type="checkbox"/> | 2.000    | 1.882      | 2288.01    | 0.1159   | P    | 3.2  |
| 4 | <input type="checkbox"/> | 100.000  | 100.293    | 113902.86  | 5.8695   | P    | 1.2  |
| 5 | <input type="checkbox"/> | 250.000  | 249.785    | 279085.53  | 14.6095  | P    | 1.0  |
| 6 | <input type="checkbox"/> | 500.000  | 513.142    | 540810.80  | 30.0067  | P    | 5.9  |
| 7 | <input type="checkbox"/> | 1000.000 | 1003.266   | 1012375.07 | 58.6619  | P    | 0.8  |
| 8 | <input type="checkbox"/> | 2000.000 | 1995.094   | 1953893.67 | 116.6493 | A    | 0.1  |
| 9 | <input type="checkbox"/> |          |            | 2304.67    | 0.1295   | P    | 1.0  |

$$y = 0.0585 * x + 0.0058$$

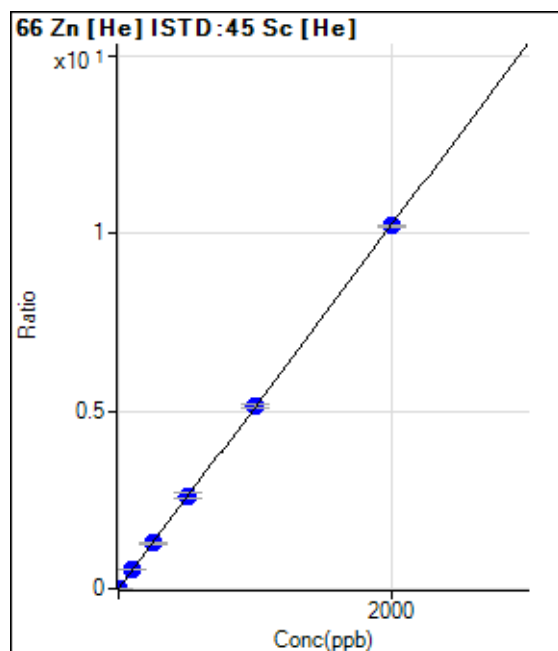
$$R = 1.0000$$

$$DL = 0.05079$$

$$BEC = 0.09954$$

Weight: <None>

Min Conc: 0



|   | R <sub>ct</sub>          | Conc.    | Calc Conc. | CPS       | Ratio   | Det. | RSD  |
|---|--------------------------|----------|------------|-----------|---------|------|------|
| 1 | <input type="checkbox"/> | 0.000    | 0.000      | 13.33     | 0.0007  | P    | 26.3 |
| 2 | <input type="checkbox"/> | 0.200    |            |           |         |      |      |
| 3 | <input type="checkbox"/> | 2.000    | 1.934      | 208.90    | 0.0106  | P    | 10.8 |
| 4 | <input type="checkbox"/> | 100.000  | 101.853    | 10138.29  | 0.5224  | P    | 0.5  |
| 5 | <input type="checkbox"/> | 250.000  | 249.474    | 24421.71  | 1.2785  | P    | 1.6  |
| 6 | <input type="checkbox"/> | 500.000  | 510.462    | 47125.39  | 2.6153  | P    | 6.5  |
| 7 | <input type="checkbox"/> | 1000.000 | 1004.863   | 88831.93  | 5.1477  | P    | 1.7  |
| 8 | <input type="checkbox"/> | 2000.000 | 1994.926   | 171170.07 | 10.2190 | P    | 0.7  |
| 9 | <input type="checkbox"/> |          |            | 527.80    | 0.0297  | P    | 10.6 |

$$y = 0.0051 * x + 6.7264E-004$$

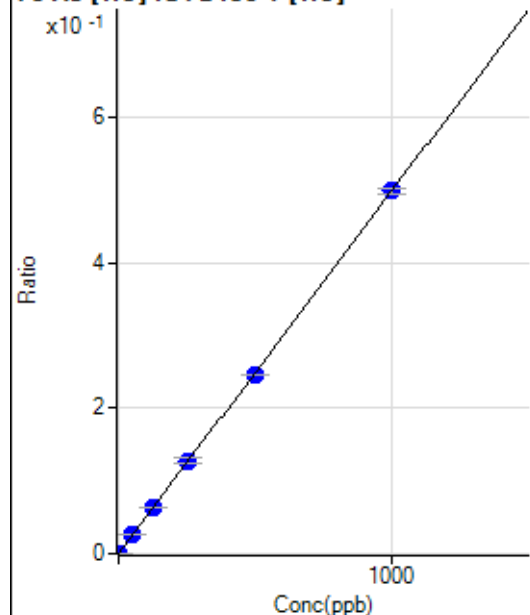
$$R = 1.0000$$

$$DL = 0.1036$$

$$BEC = 0.1313$$

Weight: <None>

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    | 43.2 |
| 2 | <input type="checkbox"/> | 0.100    |            |          |        |      |      |
| 3 | <input type="checkbox"/> | 1.000    | 0.949      | 71.61    | 0.0005 | P    | 2.9  |
| 4 | <input type="checkbox"/> | 50.000   | 51.096     | 3690.65  | 0.0255 | P    | 1.4  |
| 5 | <input type="checkbox"/> | 125.000  | 126.866    | 9043.15  | 0.0633 | P    | 0.6  |
| 6 | <input type="checkbox"/> | 250.000  | 256.751    | 17331.31 | 0.1281 | P    | 7.0  |
| 7 | <input type="checkbox"/> | 500.000  | 493.429    | 32869.25 | 0.2461 | P    | 0.5  |
| 8 | <input type="checkbox"/> | 1000.000 | 1001.310   | 64227.83 | 0.4995 | P    | 1.4  |
| 9 | <input type="checkbox"/> |          |            | 27.78    | 0.0002 | P    | 17.0 |

$$y = 4.9879\text{E-}004 * x + 1.6960\text{E-}005$$

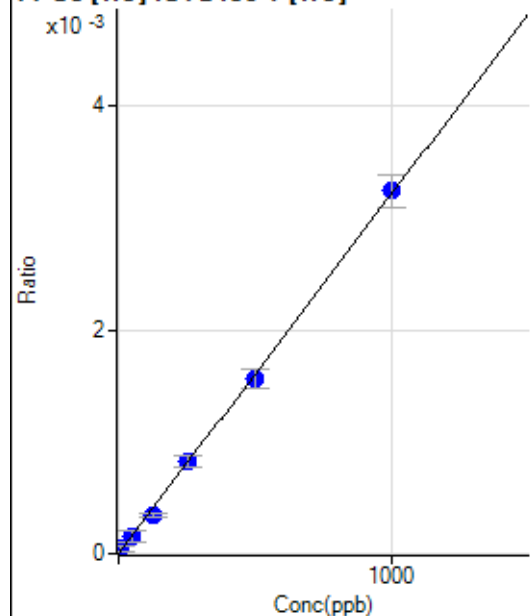
$$R = 0.9999$$

$$DL = 0.04411$$

$$BEC = 0.034$$

Weight: &lt;None&gt;

Min Conc: 0

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

|   | R <sub>j</sub><br>ct     | Conc.    | Calc Conc. | CPS    | Ratio  | Det. | RSD   |
|---|--------------------------|----------|------------|--------|--------|------|-------|
| 1 | <input type="checkbox"/> | 0.000    | 0.000      | 0.00   | 0.0000 | P    |       |
| 2 | <input type="checkbox"/> | 0.500    |            |        |        |      |       |
| 3 | <input type="checkbox"/> | 5.000    | 14.186     | 6.67   | 0.0000 | P    | 132.4 |
| 4 | <input type="checkbox"/> | 50.000   | 48.000     | 22.22  | 0.0002 | P    | 68.3  |
| 5 | <input type="checkbox"/> | 125.000  | 106.502    | 48.89  | 0.0003 | P    | 14.1  |
| 6 | <input type="checkbox"/> | 250.000  | 256.121    | 111.11 | 0.0008 | P    | 13.0  |
| 7 | <input type="checkbox"/> | 500.000  | 484.357    | 207.78 | 0.0016 | P    | 11.2  |
| 8 | <input type="checkbox"/> | 1000.000 | 1008.657   | 416.68 | 0.0032 | P    | 8.8   |
| 9 | <input type="checkbox"/> |          |            | 0.00   | 0.0000 | P    |       |

$$y = 3.2129\text{E-}006 * x + 0.0000\text{E+}000$$

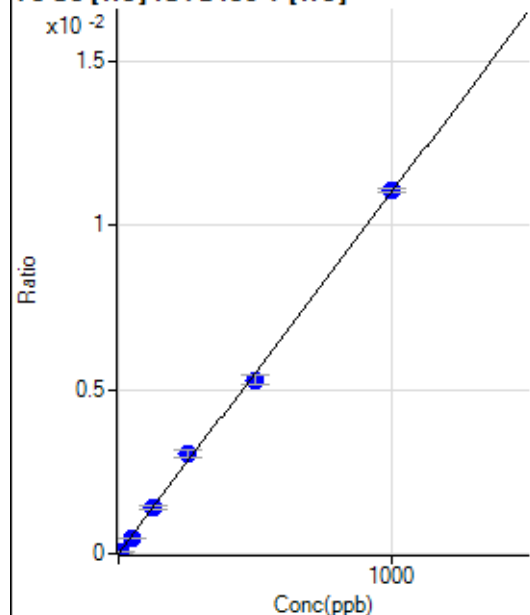
$$R = 0.9995$$

$$DL = 0$$

$$BEC = 0$$

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      | 1.23    | 0.0000 | P    | 86.6 |
| 2 | <input type="checkbox"/> | 0.500    |            |         |        |      |      |
| 3 | <input type="checkbox"/> | 5.000    | 5.378      | 9.88    | 0.0001 | P    | 11.2 |
| 4 | <input type="checkbox"/> | 50.000   | 43.016     | 69.75   | 0.0005 | P    | 5.3  |
| 5 | <input type="checkbox"/> | 125.000  | 125.630    | 198.77  | 0.0014 | P    | 10.3 |
| 6 | <input type="checkbox"/> | 250.000  | 275.953    | 411.74  | 0.0030 | P    | 9.1  |
| 7 | <input type="checkbox"/> | 500.000  | 480.081    | 706.82  | 0.0053 | P    | 5.1  |
| 8 | <input type="checkbox"/> | 1000.000 | 1003.740   | 1421.69 | 0.0111 | P    | 0.9  |
| 9 | <input type="checkbox"/> |          |            | 2.47    | 0.0000 | P    | 86.6 |

$$y = 1.1005\text{E-}005 * x + 8.4838\text{E-}006$$

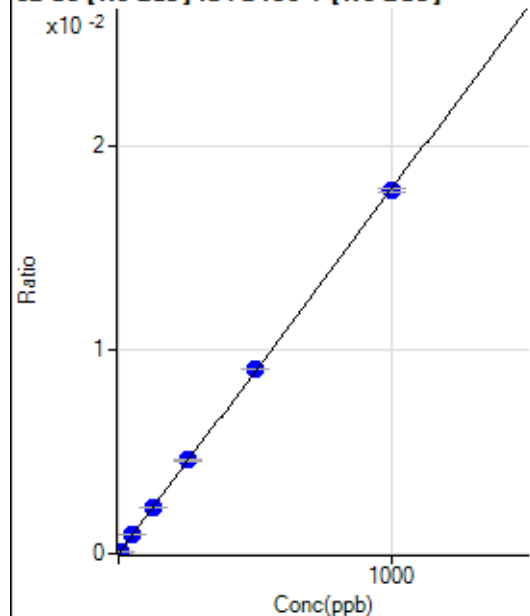
$$R = 0.9993$$

$$DL = 2.003$$

$$BEC = 0.7709$$

Weight: &lt;None&gt;

Min Conc: 0

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

|   | R <sub>ct</sub>          | Conc.    | Calc Conc. | CPS      | Ratio  | Det. | RSD   |
|---|--------------------------|----------|------------|----------|--------|------|-------|
| 1 | <input type="checkbox"/> | 0.000    | 0.000      | -20.04   | 0.0000 | P    | -120. |
| 2 | <input type="checkbox"/> | 0.500    |            |          |        |      |       |
| 3 | <input type="checkbox"/> | 5.000    | 4.827      | 423.93   | 0.0001 | P    | 8.8   |
| 4 | <input type="checkbox"/> | 50.000   | 52.692     | 4919.31  | 0.0009 | P    | 0.9   |
| 5 | <input type="checkbox"/> | 125.000  | 127.687    | 11835.68 | 0.0023 | P    | 0.7   |
| 6 | <input type="checkbox"/> | 250.000  | 256.173    | 23743.55 | 0.0046 | P    | 0.3   |
| 7 | <input type="checkbox"/> | 500.000  | 505.939    | 46432.63 | 0.0090 | P    | 0.5   |
| 8 | <input type="checkbox"/> | 1000.000 | 995.017    | 90137.30 | 0.0178 | P    | 1.2   |
| 9 | <input type="checkbox"/> |          |            | 73.13    | 0.0000 | P    | 51.0  |

$$y = 1.7860\text{E-}005 * x - 3.8954\text{E-}006$$

$$R = 1.0000$$

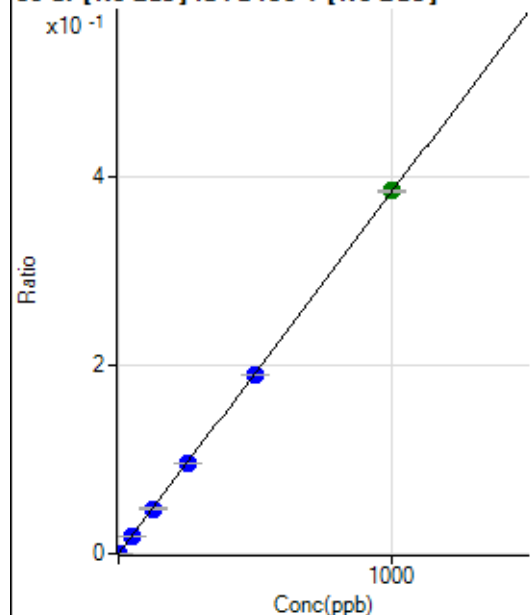
$$DL = 0.7872$$

$$BEC = -0.2181$$

Weight: &lt;None&gt;

Min Conc: 0

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



|   | R <sub>j</sub><br>ct     | Conc.    | Calc Conc. | CPS        | Ratio  | Det. | RSD  |
|---|--------------------------|----------|------------|------------|--------|------|------|
| 1 | <input type="checkbox"/> | 0.000    | 0.000      | 413.92     | 0.0001 | P    | 11.5 |
| 2 | <input type="checkbox"/> | 0.100    |            |            |        |      |      |
| 3 | <input type="checkbox"/> | 1.000    | 0.956      | 2297.54    | 0.0004 | P    | 3.7  |
| 4 | <input type="checkbox"/> | 50.000   | 49.781     | 100574.21  | 0.0192 | P    | 1.7  |
| 5 | <input type="checkbox"/> | 125.000  | 124.442    | 248344.46  | 0.0478 | P    | 1.4  |
| 6 | <input type="checkbox"/> | 250.000  | 248.249    | 494577.19  | 0.0952 | P    | 0.6  |
| 7 | <input type="checkbox"/> | 500.000  | 492.839    | 971431.07  | 0.1890 | P    | 0.2  |
| 8 | <input type="checkbox"/> | 1000.000 | 1004.099   | 1952808.94 | 0.3849 | A    | 0.5  |
| 9 | <input type="checkbox"/> |          |            | 66562.87   | 0.0128 | P    | 1.3  |

$$y = 3.8326E-004 * x + 8.0116E-005$$

$$R = 1.0000$$

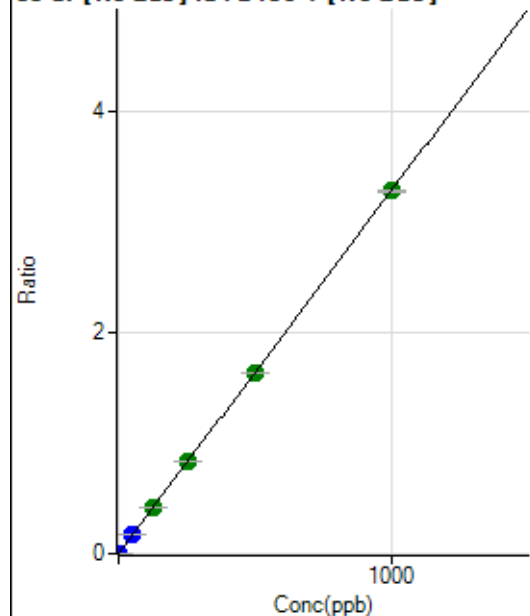
$$DL = 0.0721$$

$$BEC = 0.209$$

Weight: &lt;None&gt;

Min Conc: 0

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



|   | R <sub>j</sub><br>ct     | Conc.    | Calc Conc. | CPS         | Ratio  | Det. | RSD |
|---|--------------------------|----------|------------|-------------|--------|------|-----|
| 1 | <input type="checkbox"/> | 0.000    | 0.000      | 72.22       | 0.0000 | P    | 6.3 |
| 2 | <input type="checkbox"/> | 0.100    |            |             |        |      |     |
| 3 | <input type="checkbox"/> | 1.000    | 0.958      | 16229.78    | 0.0032 | P    | 6.0 |
| 4 | <input type="checkbox"/> | 50.000   | 50.577     | 870739.54   | 0.1659 | P    | 0.7 |
| 5 | <input type="checkbox"/> | 125.000  | 128.051    | 2183219.36  | 0.4200 | A    | 0.8 |
| 6 | <input type="checkbox"/> | 250.000  | 254.917    | 4342215.46  | 0.8360 | A    | 0.7 |
| 7 | <input type="checkbox"/> | 500.000  | 498.700    | 8408021.80  | 1.6356 | A    | 0.3 |
| 8 | <input type="checkbox"/> | 1000.000 | 999.010    | 16622095.86 | 3.2764 | A    | 0.7 |
| 9 | <input type="checkbox"/> |          |            | 582515.01   | 0.1122 | P    | 0.7 |

$$y = 0.0033 * x + 1.3973E-005$$

$$R = 1.0000$$

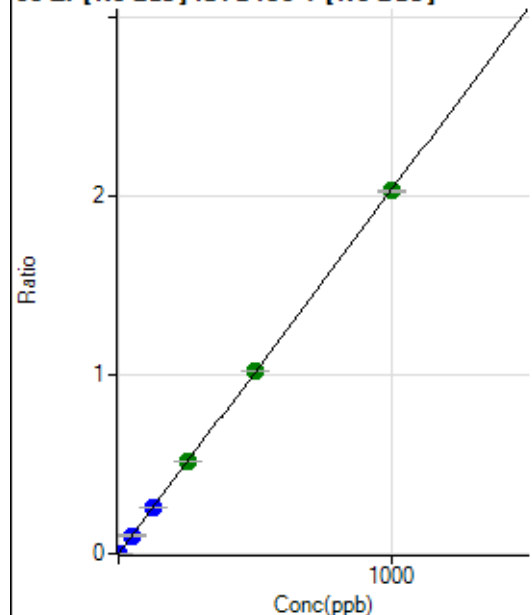
$$DL = 0.0008113$$

$$BEC = 0.004261$$

Weight: &lt;None&gt;

Min Conc: 0

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



|   | R <sub>ct</sub>          | Conc.    | Calc Conc. | CPS         | Ratio  | Det. | RSD  |
|---|--------------------------|----------|------------|-------------|--------|------|------|
| 1 | <input type="checkbox"/> | 0.000    | 0.000      | 258.35      | 0.0001 | P    | 44.0 |
| 2 | <input type="checkbox"/> | 0.100    |            |             |        |      |      |
| 3 | <input type="checkbox"/> | 1.000    | 0.932      | 10017.97    | 0.0019 | P    | 3.2  |
| 4 | <input type="checkbox"/> | 50.000   | 50.116     | 535916.93   | 0.1021 | P    | 0.8  |
| 5 | <input type="checkbox"/> | 125.000  | 125.867    | 1332658.43  | 0.2563 | P    | 0.3  |
| 6 | <input type="checkbox"/> | 250.000  | 254.907    | 2696132.67  | 0.5191 | A    | 0.3  |
| 7 | <input type="checkbox"/> | 500.000  | 502.250    | 5257672.43  | 1.0228 | A    | 0.7  |
| 8 | <input type="checkbox"/> | 1000.000 | 997.534    | 10305474.02 | 2.0313 | A    | 0.6  |
| 9 | <input type="checkbox"/> |          |            | 1850.23     | 0.0004 | P    | 5.1  |

$$y = 0.0020 * x + 5.0066E-005$$

$$R = 1.0000$$

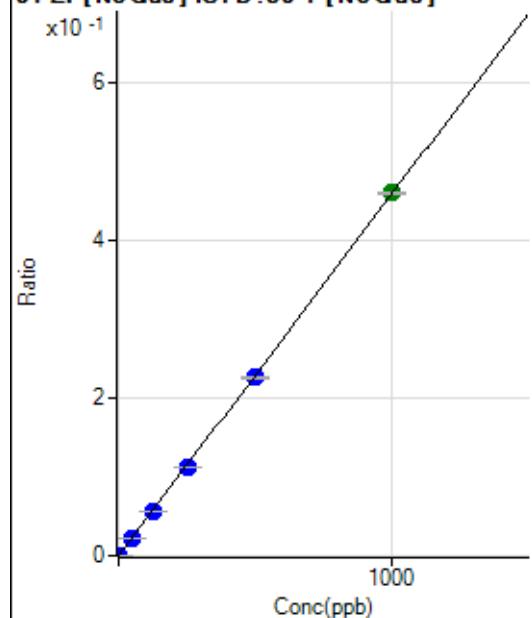
$$DL = 0.03249$$

$$BEC = 0.02459$$

Weight: &lt;None&gt;

Min Conc: 0

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



|   | R <sub>ct</sub>          | Conc.    | Calc Conc. | CPS        | Ratio  | Det. | RSD  |
|---|--------------------------|----------|------------|------------|--------|------|------|
| 1 | <input type="checkbox"/> | 0.000    | 0.000      | 55.56      | 0.0000 | P    | 34.4 |
| 2 | <input type="checkbox"/> | 0.100    |            |            |        |      |      |
| 3 | <input type="checkbox"/> | 1.000    | 0.952      | 2303.08    | 0.0004 | P    | 3.7  |
| 4 | <input type="checkbox"/> | 50.000   | 49.228     | 118633.29  | 0.0226 | P    | 0.9  |
| 5 | <input type="checkbox"/> | 125.000  | 123.971    | 295783.88  | 0.0569 | P    | 1.4  |
| 6 | <input type="checkbox"/> | 250.000  | 246.706    | 588059.93  | 0.1132 | P    | 0.6  |
| 7 | <input type="checkbox"/> | 500.000  | 492.938    | 1162904.44 | 0.2262 | P    | 0.6  |
| 8 | <input type="checkbox"/> | 1000.000 | 1004.522   | 2338749.57 | 0.4610 | A    | 0.4  |
| 9 | <input type="checkbox"/> |          |            | 452.81     | 0.0001 | P    | 26.6 |

$$y = 4.5889E-004 * x + 1.0742E-005$$

$$R = 1.0000$$

$$DL = 0.02416$$

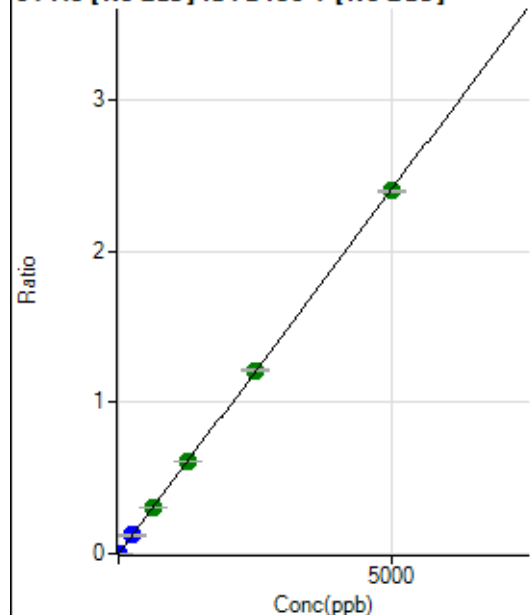
$$BEC = 0.02341$$

Weight: &lt;None&gt;

Min Conc: 0



94 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      | 133.34      | 0.0000 | P    | 22.4 |
| 2 | <input type="checkbox"/> | 0.500    |            |             |        |      |      |
| 3 | <input type="checkbox"/> | 5.000    | 4.816      | 12050.29    | 0.0023 | P    | 3.0  |
| 4 | <input type="checkbox"/> | 250.000  | 251.742    | 635836.35   | 0.1211 | P    | 0.8  |
| 5 | <input type="checkbox"/> | 625.000  | 640.682    | 1602432.14  | 0.3082 | A    | 0.6  |
| 6 | <input type="checkbox"/> | 1250.000 | 1273.145   | 3181340.37  | 0.6125 | A    | 0.8  |
| 7 | <input type="checkbox"/> | 2500.000 | 2517.363   | 6225840.16  | 1.2111 | A    | 0.6  |
| 8 | <input type="checkbox"/> | 5000.000 | 4983.485   | 12163209.39 | 2.3975 | A    | 0.8  |
| 9 | <input type="checkbox"/> |          |            | 4081.36     | 0.0008 | P    | 3.5  |

$$y = 4.8109\text{E-}004 * x + 2.5794\text{E-}005$$

$$R = 1.0000$$

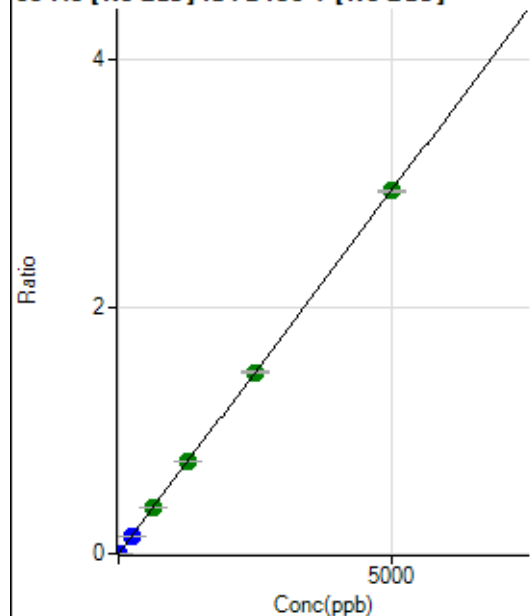
$$DL = 0.03606$$

$$BEC = 0.05362$$

Weight: &lt;None&gt;

Min Conc: 0

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



|   | R <sub>j</sub><br>ct     | Conc.    | Calc Conc. | CPS         | Ratio  | Det. | RSD  |
|---|--------------------------|----------|------------|-------------|--------|------|------|
| 1 | <input type="checkbox"/> | 0.000    | 0.000      | 58.34       | 0.0000 | P    | 14.7 |
| 2 | <input type="checkbox"/> | 0.500    |            |             |        |      |      |
| 3 | <input type="checkbox"/> | 5.000    | 4.797      | 14572.22    | 0.0028 | P    | 2.0  |
| 4 | <input type="checkbox"/> | 250.000  | 249.820    | 771214.83   | 0.1469 | P    | 1.1  |
| 5 | <input type="checkbox"/> | 625.000  | 639.608    | 1955547.76  | 0.3762 | A    | 0.7  |
| 6 | <input type="checkbox"/> | 1250.000 | 1266.792   | 3869429.34  | 0.7450 | A    | 0.4  |
| 7 | <input type="checkbox"/> | 2500.000 | 2495.423   | 7544456.07  | 1.4676 | A    | 0.7  |
| 8 | <input type="checkbox"/> | 5000.000 | 4996.274   | 14906788.70 | 2.9383 | A    | 0.9  |
| 9 | <input type="checkbox"/> |          |            | 6335.10     | 0.0012 | P    | 4.2  |

$$y = 5.8809\text{E-}004 * x + 1.1293\text{E-}005$$

$$R = 1.0000$$

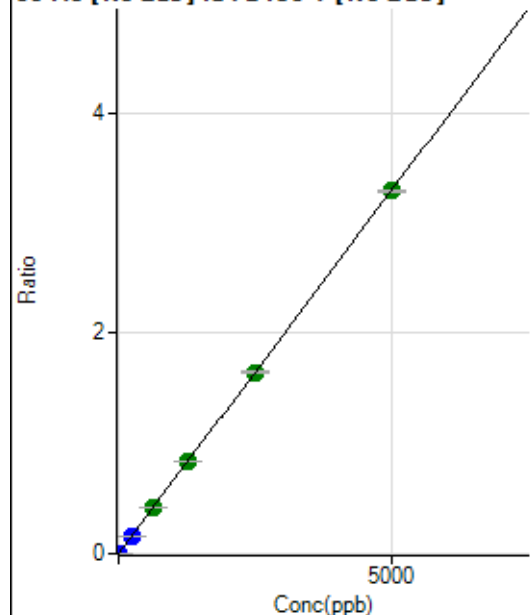
$$DL = 0.008487$$

$$BEC = 0.0192$$

Weight: &lt;None&gt;

Min Conc: 0

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



|   | Rj<br>ct                 | Conc.    | Calc Conc. | CPS         | Ratio  | Det. | RSD  |
|---|--------------------------|----------|------------|-------------|--------|------|------|
| 1 | <input type="checkbox"/> | 0.000    | 0.000      | 66.67       | 0.0000 | P    | 11.9 |
| 2 | <input type="checkbox"/> | 0.500    |            |             |        |      |      |
| 3 | <input type="checkbox"/> | 5.000    | 4.673      | 15921.06    | 0.0031 | P    | 1.9  |
| 4 | <input type="checkbox"/> | 250.000  | 248.490    | 859884.49   | 0.1638 | P    | 1.2  |
| 5 | <input type="checkbox"/> | 625.000  | 641.286    | 2197689.81  | 0.4228 | A    | 1.2  |
| 6 | <input type="checkbox"/> | 1250.000 | 1271.522   | 4353597.80  | 0.8382 | A    | 0.5  |
| 7 | <input type="checkbox"/> | 2500.000 | 2497.071   | 8462201.32  | 1.6461 | A    | 1.2  |
| 8 | <input type="checkbox"/> | 5000.000 | 4994.124   | 16702505.06 | 3.2922 | A    | 0.7  |
| 9 | <input type="checkbox"/> |          |            | 8647.57     | 0.0017 | P    | 1.2  |

$$y = 6.5922\text{E-}004 * x + 1.2895\text{E-}005$$

$$R = 1.0000$$

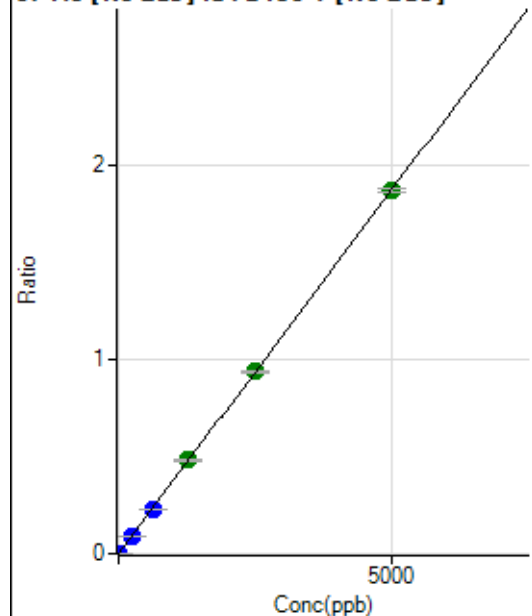
$$DL = 0.007012$$

$$BEC = 0.01956$$

Weight: &lt;None&gt;

Min Conc: 0

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



|   | Rj<br>ct                 | Conc.    | Calc Conc. | CPS        | Ratio  | Det. | RSD  |
|---|--------------------------|----------|------------|------------|--------|------|------|
| 1 | <input type="checkbox"/> | 0.000    | 0.000      | 38.89      | 0.0000 | P    | 12.9 |
| 2 | <input type="checkbox"/> | 0.500    |            |            |        |      |      |
| 3 | <input type="checkbox"/> | 5.000    | 4.516      | 8744.83    | 0.0017 | P    | 3.7  |
| 4 | <input type="checkbox"/> | 250.000  | 245.172    | 482305.78  | 0.0919 | P    | 1.0  |
| 5 | <input type="checkbox"/> | 625.000  | 617.322    | 1202721.08 | 0.2314 | P    | 0.7  |
| 6 | <input type="checkbox"/> | 1250.000 | 1286.753   | 2504511.71 | 0.4822 | A    | 1.3  |
| 7 | <input type="checkbox"/> | 2500.000 | 2504.434   | 4824891.99 | 0.9386 | A    | 0.6  |
| 8 | <input type="checkbox"/> | 5000.000 | 4989.796   | 9486768.61 | 1.8700 | A    | 0.9  |
| 9 | <input type="checkbox"/> |          |            | 3934.08    | 0.0008 | P    | 1.0  |

$$y = 3.7475\text{E-}004 * x + 7.5289\text{E-}006$$

$$R = 1.0000$$

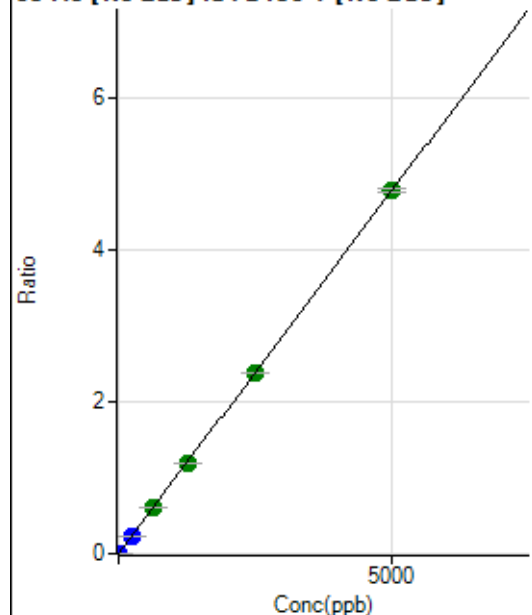
$$DL = 0.007786$$

$$BEC = 0.02009$$

Weight: &lt;None&gt;

Min Conc: 0

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



|   | R <sub>j</sub><br>ct     | Conc.    | Calc Conc. | CPS         | Ratio  | Det. | RSD  |
|---|--------------------------|----------|------------|-------------|--------|------|------|
| 1 | <input type="checkbox"/> | 0.000    | 0.000      | 136.12      | 0.0000 | P    | 34.2 |
| 2 | <input type="checkbox"/> | 0.500    |            |             |        |      |      |
| 3 | <input type="checkbox"/> | 5.000    | 4.529      | 22369.23    | 0.0043 | P    | 2.3  |
| 4 | <input type="checkbox"/> | 250.000  | 247.802    | 1241470.87  | 0.2365 | P    | 0.9  |
| 5 | <input type="checkbox"/> | 625.000  | 632.964    | 3140371.27  | 0.6041 | A    | 1.1  |
| 6 | <input type="checkbox"/> | 1250.000 | 1250.800   | 6200085.47  | 1.1937 | A    | 0.1  |
| 7 | <input type="checkbox"/> | 2500.000 | 2493.123   | 12231781.44 | 2.3794 | A    | 0.5  |
| 8 | <input type="checkbox"/> | 5000.000 | 5002.353   | 24219760.61 | 4.7741 | A    | 1.0  |
| 9 | <input type="checkbox"/> |          |            | 9695.57     | 0.0019 | P    | 0.5  |

$$y = 9.5436\text{E-}004 * x + 2.6374\text{E-}005$$

$$R = 1.0000$$

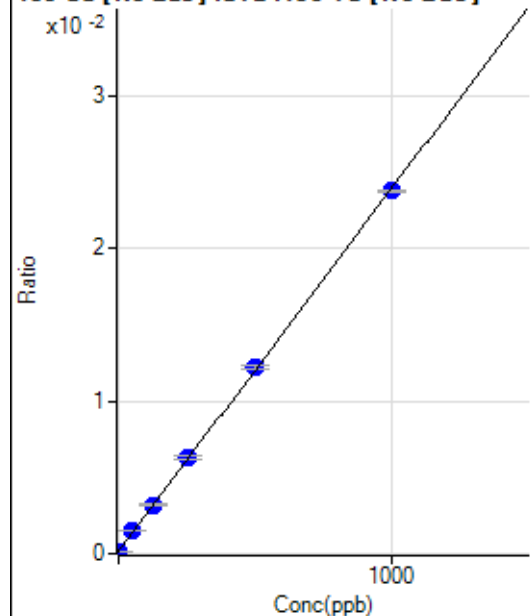
$$DL = 0.02831$$

$$BEC = 0.02764$$

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      | 1005.64   | 0.0002 | P    | 6.9 |
| 2 | <input type="checkbox"/> | 0.100    |            |           |        |      |     |
| 3 | <input type="checkbox"/> | 1.000    | 1.093      | 1169.55   | 0.0002 | P    | 2.2 |
| 4 | <input type="checkbox"/> | 50.000   | 54.884     | 9587.16   | 0.0015 | P    | 0.7 |
| 5 | <input type="checkbox"/> | 125.000  | 127.744    | 21300.97  | 0.0032 | P    | 1.9 |
| 6 | <input type="checkbox"/> | 250.000  | 258.510    | 42311.94  | 0.0063 | P    | 2.1 |
| 7 | <input type="checkbox"/> | 500.000  | 506.965    | 82124.74  | 0.0122 | P    | 1.7 |
| 8 | <input type="checkbox"/> | 1000.000 | 993.803    | 160512.45 | 0.0237 | P    | 0.8 |
| 9 | <input type="checkbox"/> |          |            | 952.86    | 0.0001 | P    | 9.4 |

$$y = 2.3740\text{E-}005 * x + 1.5398\text{E-}004$$

$$R = 0.9999$$

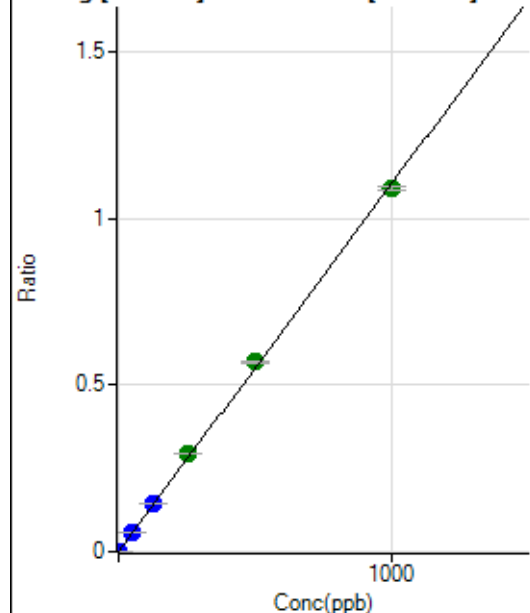
$$DL = 1.35$$

$$BEC = 6.486$$

Weight: &lt;None&gt;

Min Conc: 0

107 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    | 42.5 |
| 2 | <input type="checkbox"/> | 0.100    |            |            |        |      |      |
| 3 | <input type="checkbox"/> | 1.000    | 0.996      | 7207.84    | 0.0011 | P    | 3.3  |
| 4 | <input type="checkbox"/> | 50.000   | 54.230     | 393810.00  | 0.0598 | P    | 0.1  |
| 5 | <input type="checkbox"/> | 125.000  | 132.456    | 977026.87  | 0.1462 | P    | 1.0  |
| 6 | <input type="checkbox"/> | 250.000  | 266.604    | 1978463.20 | 0.2942 | A    | 1.4  |
| 7 | <input type="checkbox"/> | 500.000  | 516.547    | 3840466.75 | 0.5700 | A    | 0.6  |
| 8 | <input type="checkbox"/> | 1000.000 | 986.432    | 7356798.08 | 1.0884 | A    | 0.9  |
| 9 | <input type="checkbox"/> |          |            | 583.37     | 0.0001 | P    | 14.7 |

$$y = 0.0011 * x + 9.8080E-006$$

$$R = 0.9996$$

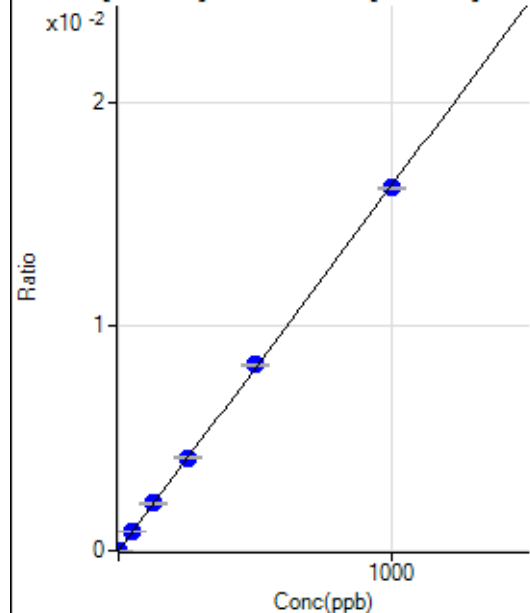
$$DL = 0.01133$$

$$BEC = 0.008889$$

Weight: &lt;None&gt;

Min Conc: 0

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



|   | R <sub>j</sub><br>ct     | Conc.    | Calc Conc. | CPS       | Ratio  | Det. | RSD  |
|---|--------------------------|----------|------------|-----------|--------|------|------|
| 1 | <input type="checkbox"/> | 0.000    | 0.000      | 4.17      | 0.0000 | P    | 99.8 |
| 2 | <input type="checkbox"/> | 0.100    |            |           |        |      |      |
| 3 | <input type="checkbox"/> | 1.000    | 0.958      | 105.56    | 0.0000 | P    | 30.3 |
| 4 | <input type="checkbox"/> | 50.000   | 54.129     | 5805.54   | 0.0009 | P    | 2.0  |
| 5 | <input type="checkbox"/> | 125.000  | 129.435    | 14096.47  | 0.0021 | P    | 0.8  |
| 6 | <input type="checkbox"/> | 250.000  | 253.394    | 27762.16  | 0.0041 | P    | 2.0  |
| 7 | <input type="checkbox"/> | 500.000  | 509.148    | 55879.41  | 0.0083 | P    | 0.5  |
| 8 | <input type="checkbox"/> | 1000.000 | 993.817    | 109411.29 | 0.0162 | P    | 0.5  |
| 9 | <input type="checkbox"/> |          |            | 38.89     | 0.0000 | P    | 44.4 |

$$y = 1.6287E-005 * x + 6.3447E-007$$

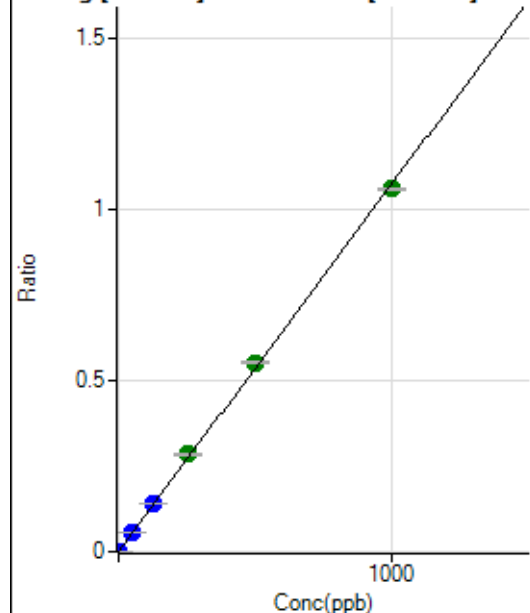
$$R = 0.9999$$

$$DL = 0.1166$$

$$BEC = 0.03896$$

Weight: &lt;None&gt;

Min Conc: 0

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

|   | Rj<br>ct                 | Conc.    | Calc Conc. | CPS        | Ratio  | Det. | RSD  |
|---|--------------------------|----------|------------|------------|--------|------|------|
| 1 | <input type="checkbox"/> | 0.000    | 0.000      | 44.45      | 0.0000 | P    | 10.1 |
| 2 | <input type="checkbox"/> | 0.100    |            |            |        |      |      |
| 3 | <input type="checkbox"/> | 1.000    | 0.995      | 6974.35    | 0.0011 | P    | 1.9  |
| 4 | <input type="checkbox"/> | 50.000   | 53.579     | 377715.32  | 0.0574 | P    | 0.9  |
| 5 | <input type="checkbox"/> | 125.000  | 131.144    | 939168.53  | 0.1405 | P    | 0.8  |
| 6 | <input type="checkbox"/> | 250.000  | 265.710    | 1914312.24 | 0.2846 | A    | 1.3  |
| 7 | <input type="checkbox"/> | 500.000  | 514.706    | 3714886.89 | 0.5514 | A    | 1.1  |
| 8 | <input type="checkbox"/> | 1000.000 | 987.773    | 7152047.47 | 1.0581 | A    | 0.4  |
| 9 | <input type="checkbox"/> |          |            | 511.15     | 0.0001 | P    | 25.7 |

$$y = 0.0011 * x + 6.8056E-006$$

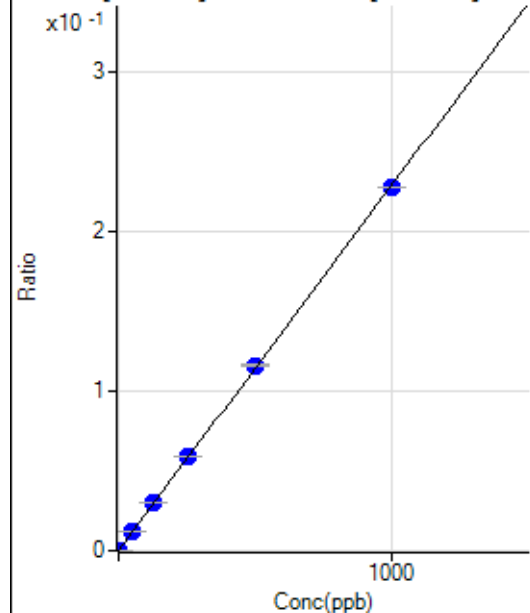
$$R = 0.9997$$

$$DL = 0.001933$$

$$BEC = 0.006353$$

Weight: &lt;None&gt;

Min Conc: 0

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

|   | Rj<br>ct                 | Conc.    | Calc Conc. | CPS        | Ratio  | Det. | RSD |
|---|--------------------------|----------|------------|------------|--------|------|-----|
| 1 | <input type="checkbox"/> | 0.000    | 0.000      | 713.53     | 0.0001 | P    | 5.4 |
| 2 | <input type="checkbox"/> | 0.100    |            |            |        |      |     |
| 3 | <input type="checkbox"/> | 1.000    | 0.987      | 2178.23    | 0.0003 | P    | 2.0 |
| 4 | <input type="checkbox"/> | 50.000   | 53.421     | 81146.76   | 0.0123 | P    | 0.9 |
| 5 | <input type="checkbox"/> | 125.000  | 130.415    | 200192.32  | 0.0299 | P    | 1.0 |
| 6 | <input type="checkbox"/> | 250.000  | 258.249    | 398132.28  | 0.0592 | P    | 0.6 |
| 7 | <input type="checkbox"/> | 500.000  | 506.780    | 781971.93  | 0.1161 | P    | 0.8 |
| 8 | <input type="checkbox"/> | 1000.000 | 993.700    | 1537472.25 | 0.2275 | P    | 0.2 |
| 9 | <input type="checkbox"/> |          |            | 898.12     | 0.0001 | P    | 8.6 |

$$y = 2.2879E-004 * x + 1.0926E-004$$

$$R = 0.9999$$

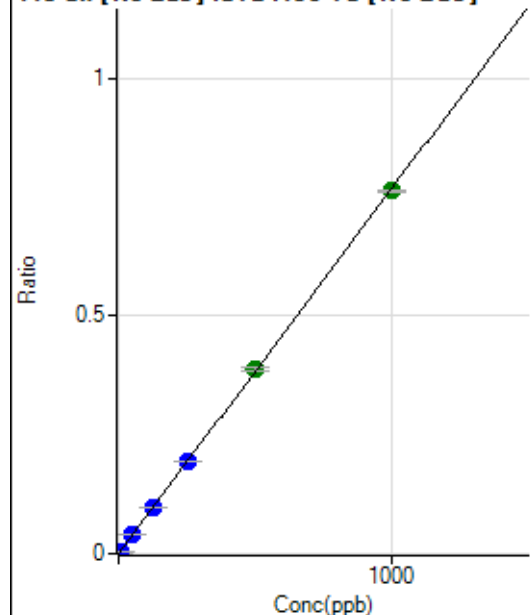
$$DL = 0.07672$$

$$BEC = 0.4776$$

Weight: &lt;None&gt;

Min Conc: 0

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



|   | R <sub>j</sub><br>ct     | Conc.    | Calc Conc. | CPS        | Ratio  | Det. | RSD |
|---|--------------------------|----------|------------|------------|--------|------|-----|
| 1 | <input type="checkbox"/> | 0.000    | 0.000      | 511.15     | 0.0001 | P    | 6.3 |
| 2 | <input type="checkbox"/> | 0.500    |            |            |        |      |     |
| 3 | <input type="checkbox"/> | 5.000    | 4.723      | 24033.54   | 0.0037 | P    | 0.8 |
| 4 | <input type="checkbox"/> | 50.000   | 51.932     | 262395.47  | 0.0399 | P    | 0.8 |
| 5 | <input type="checkbox"/> | 125.000  | 127.763    | 655008.60  | 0.0980 | P    | 1.3 |
| 6 | <input type="checkbox"/> | 250.000  | 254.308    | 1311317.24 | 0.1950 | P    | 0.3 |
| 7 | <input type="checkbox"/> | 500.000  | 507.573    | 2621141.75 | 0.3891 | A    | 1.9 |
| 8 | <input type="checkbox"/> | 1000.000 | 994.696    | 5152911.18 | 0.7624 | A    | 0.7 |
| 9 | <input type="checkbox"/> |          |            | 5529.17    | 0.0008 | P    | 2.7 |

$$y = 7.6634\text{E-}004 * x + 7.8287\text{E-}005$$

$$R = 0.9999$$

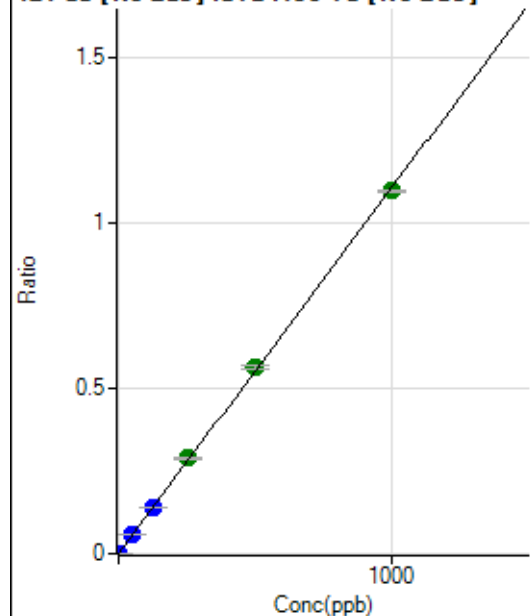
$$DL = 0.01937$$

$$BEC = 0.1022$$

Weight: &lt;None&gt;

Min Conc: 0

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



|   | R <sub>j</sub><br>ct     | Conc.    | Calc Conc. | CPS        | Ratio  | Det. | RSD  |
|---|--------------------------|----------|------------|------------|--------|------|------|
| 1 | <input type="checkbox"/> | 0.000    | 0.000      | 125.01     | 0.0000 | P    | 26.1 |
| 2 | <input type="checkbox"/> | 0.200    |            |            |        |      |      |
| 3 | <input type="checkbox"/> | 2.000    | 1.928      | 13971.74   | 0.0021 | P    | 2.2  |
| 4 | <input type="checkbox"/> | 50.000   | 51.897     | 377605.12  | 0.0574 | P    | 0.2  |
| 5 | <input type="checkbox"/> | 125.000  | 128.123    | 946830.27  | 0.1416 | P    | 0.9  |
| 6 | <input type="checkbox"/> | 250.000  | 260.402    | 1936098.96 | 0.2879 | A    | 0.3  |
| 7 | <input type="checkbox"/> | 500.000  | 509.306    | 3793035.85 | 0.5630 | A    | 1.7  |
| 8 | <input type="checkbox"/> | 1000.000 | 992.261    | 7413592.09 | 1.0968 | A    | 0.5  |
| 9 | <input type="checkbox"/> |          |            | 8789.40    | 0.0013 | P    | 3.5  |

$$y = 0.0011 * x + 1.9128\text{E-}005$$

$$R = 0.9999$$

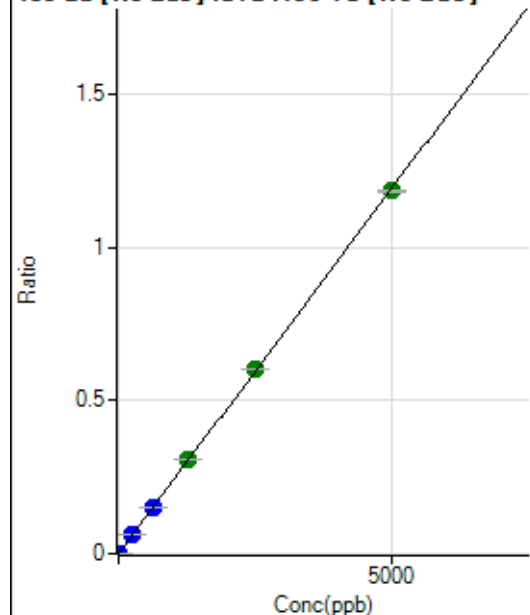
$$DL = 0.01357$$

$$BEC = 0.0173$$

Weight: &lt;None&gt;

Min Conc: 0

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



|   | R <sub>j</sub><br>ct     | Conc.    | Calc Conc. | CPS        | Ratio  | Det. | RSD  |
|---|--------------------------|----------|------------|------------|--------|------|------|
| 1 | <input type="checkbox"/> | 0.000    | 0.000      | 33.34      | 0.0000 | P    | 24.7 |
| 2 | <input type="checkbox"/> | 1.000    |            |            |        |      |      |
| 3 | <input type="checkbox"/> | 10.000   | 9.505      | 14744.90   | 0.0023 | P    | 1.0  |
| 4 | <input type="checkbox"/> | 250.000  | 258.177    | 404621.00  | 0.0615 | P    | 0.2  |
| 5 | <input type="checkbox"/> | 625.000  | 642.335    | 1022586.49 | 0.1530 | P    | 1.0  |
| 6 | <input type="checkbox"/> | 1250.000 | 1289.346   | 2065245.88 | 0.3071 | A    | 0.8  |
| 7 | <input type="checkbox"/> | 2500.000 | 2530.967   | 4061182.94 | 0.6027 | A    | 0.7  |
| 8 | <input type="checkbox"/> | 5000.000 | 4972.105   | 8003481.34 | 1.1841 | A    | 0.8  |
| 9 | <input type="checkbox"/> |          |            | 2069.71    | 0.0003 | P    | 3.3  |

$$y = 2.3815E-004 * x + 5.1048E-006$$

$$R = 0.9999$$

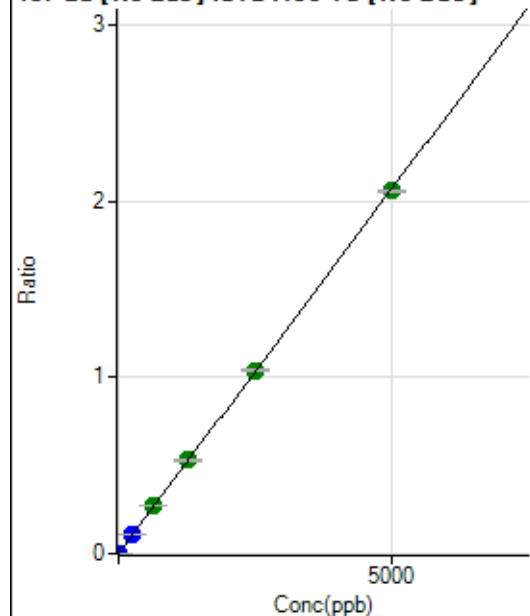
$$DL = 0.01586$$

$$BEC = 0.02144$$

Weight: &lt;None&gt;

Min Conc: 0

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



|   | R <sub>j</sub><br>ct     | Conc.    | Calc Conc. | CPS         | Ratio  | Det. | RSD  |
|---|--------------------------|----------|------------|-------------|--------|------|------|
| 1 | <input type="checkbox"/> | 0.000    | 0.000      | 33.33       | 0.0000 | P    | 50.7 |
| 2 | <input type="checkbox"/> | 1.000    |            |             |        |      |      |
| 3 | <input type="checkbox"/> | 10.000   | 9.521      | 25631.26    | 0.0039 | P    | 2.7  |
| 4 | <input type="checkbox"/> | 250.000  | 260.871    | 710164.40   | 0.1079 | P    | 0.7  |
| 5 | <input type="checkbox"/> | 625.000  | 654.755    | 1810625.65  | 0.2709 | A    | 1.1  |
| 6 | <input type="checkbox"/> | 1250.000 | 1284.321   | 3573362.19  | 0.5313 | A    | 0.8  |
| 7 | <input type="checkbox"/> | 2500.000 | 2517.994   | 7018321.95  | 1.0417 | A    | 1.1  |
| 8 | <input type="checkbox"/> | 5000.000 | 4978.161   | 13919730.86 | 2.0594 | A    | 0.5  |
| 9 | <input type="checkbox"/> |          |            | 3653.46     | 0.0005 | P    | 3.6  |

$$y = 4.1368E-004 * x + 5.1176E-006$$

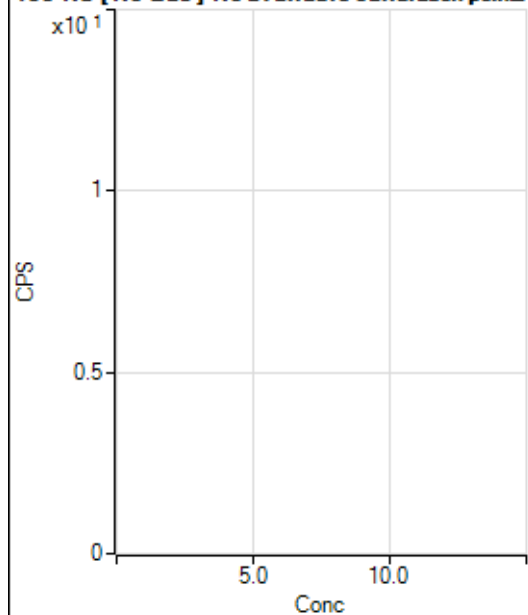
$$R = 1.0000$$

$$DL = 0.01883$$

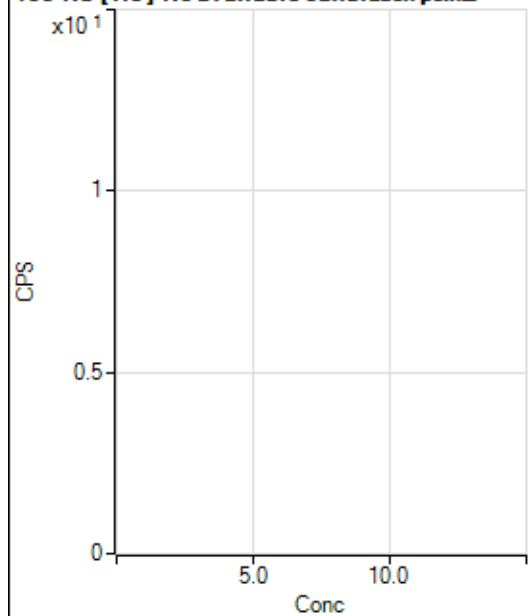
$$BEC = 0.01237$$

Weight: &lt;None&gt;

Min Conc: 0

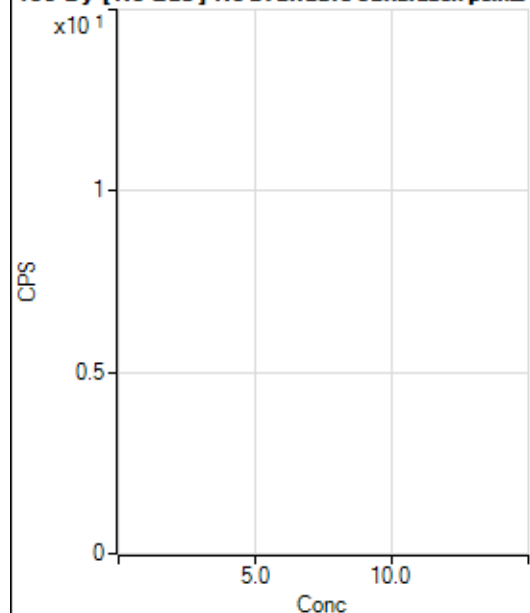
**150 Nd [ No Gas ] No available calibration points**

|   | Rj<br>ct                 | Conc. | Calc Conc. | CPS    | Ratio | Det<br>. | RSD  |
|---|--------------------------|-------|------------|--------|-------|----------|------|
| 1 | <input type="checkbox"/> |       |            | 11.11  |       | P        | 34.6 |
| 2 | <input type="checkbox"/> |       |            |        |       |          |      |
| 3 | <input type="checkbox"/> |       |            | 8.89   |       | P        | 86.6 |
| 4 | <input type="checkbox"/> |       |            | 26.67  |       | P        | 75.0 |
| 5 | <input type="checkbox"/> |       |            | 73.34  |       | P        | 32.8 |
| 6 | <input type="checkbox"/> |       |            | 93.34  |       | P        | 18.9 |
| 7 | <input type="checkbox"/> |       |            | 213.34 |       | P        | 16.5 |
| 8 | <input type="checkbox"/> |       |            | 333.35 |       | P        | 30.3 |
| 9 | <input type="checkbox"/> |       |            | 82.23  |       | P        | 48.9 |

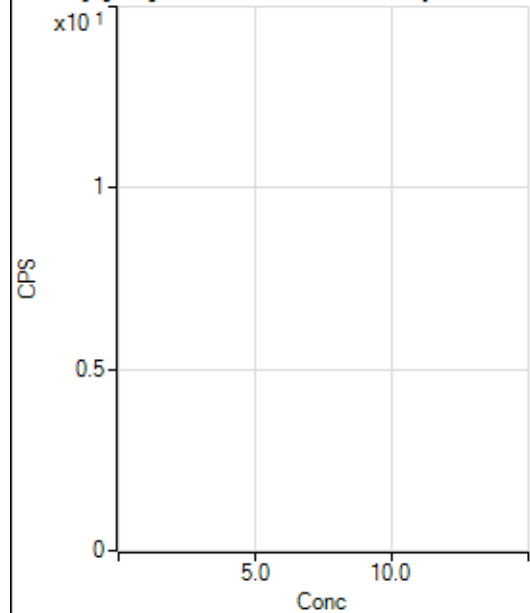
**150 Nd [ He ] No available calibration points**

|   | 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"/> |       |            | 1.11  |       | P        | 173.2 |
| 6 | <input type="checkbox"/> |       |            | 5.56  |       | P        | 34.7  |
| 7 | <input type="checkbox"/> |       |            | 4.44  |       | P        | 43.4  |
| 8 | <input type="checkbox"/> |       |            | 11.11 |       | P        | 121.3 |
| 9 | <input type="checkbox"/> |       |            | 8.89  |       | P        | 57.3  |

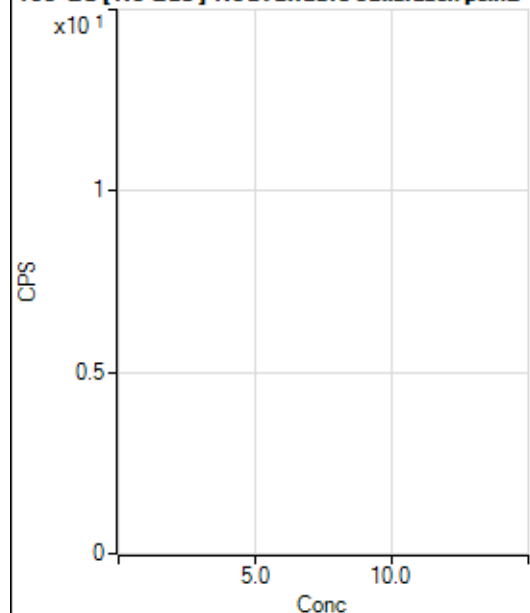


**156 Dy [ No Gas ] No available calibration points**

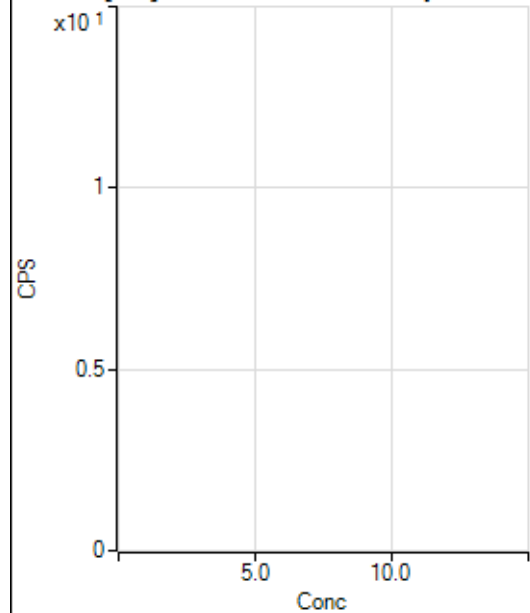
|   | Rj<br>ct                 | Conc. | Calc Conc. | CPS    | Ratio | Det<br>. | RSD   |
|---|--------------------------|-------|------------|--------|-------|----------|-------|
| 1 | <input type="checkbox"/> |       |            | 5.55   |       | P        | 86.6  |
| 2 | <input type="checkbox"/> |       |            |        |       |          |       |
| 3 | <input type="checkbox"/> |       |            | 11.11  |       | P        | 114.6 |
| 4 | <input type="checkbox"/> |       |            | 8.33   |       | P        | 0.0   |
| 5 | <input type="checkbox"/> |       |            | 19.44  |       | P        | 137.8 |
| 6 | <input type="checkbox"/> |       |            | 52.78  |       | P        | 39.7  |
| 7 | <input type="checkbox"/> |       |            | 61.12  |       | P        | 7.9   |
| 8 | <input type="checkbox"/> |       |            | 119.45 |       | P        | 10.7  |
| 9 | <input type="checkbox"/> |       |            | 66.67  |       | P        | 37.5  |

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

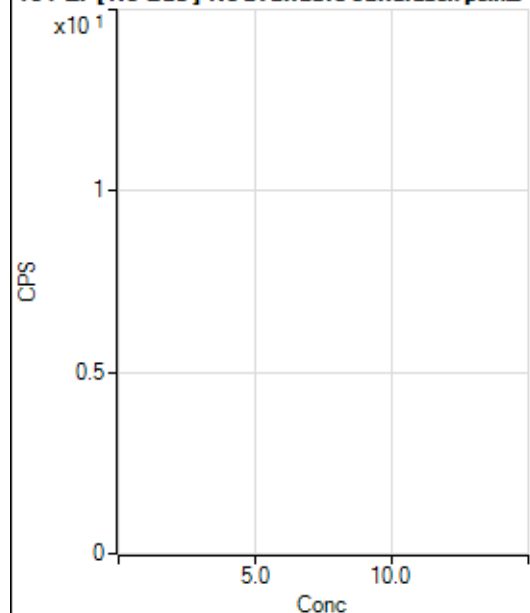
|   | Rj<br>ct                 | Conc. | Calc Conc. | CPS   | Ratio | Det<br>. | RSD   |
|---|--------------------------|-------|------------|-------|-------|----------|-------|
| 1 | <input type="checkbox"/> |       |            | 0.00  |       | P        |       |
| 2 | <input type="checkbox"/> |       |            |       |       |          |       |
| 3 | <input type="checkbox"/> |       |            | 0.00  |       | P        |       |
| 4 | <input type="checkbox"/> |       |            | 2.22  |       | P        | 86.6  |
| 5 | <input type="checkbox"/> |       |            | 4.44  |       | P        | 43.4  |
| 6 | <input type="checkbox"/> |       |            | 3.33  |       | P        | 100.1 |
| 7 | <input type="checkbox"/> |       |            | 7.78  |       | P        | 49.5  |
| 8 | <input type="checkbox"/> |       |            | 15.55 |       | P        | 68.9  |
| 9 | <input type="checkbox"/> |       |            | 11.11 |       | P        | 17.3  |

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

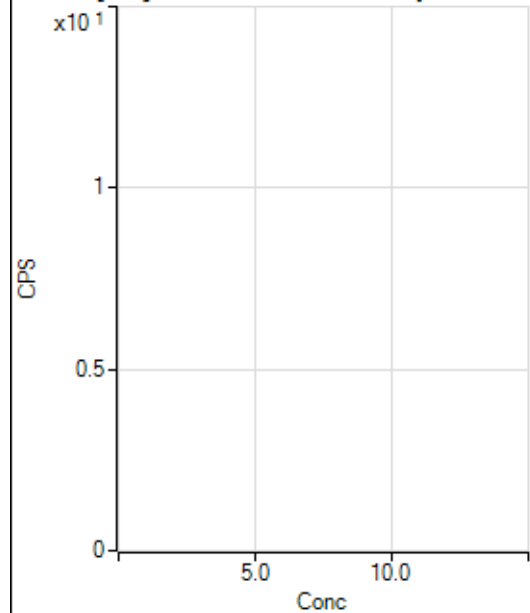
|   | Rj<br>ct                 | Conc. | Calc Conc. | CPS   | Ratio | Det<br>. | RSD   |
|---|--------------------------|-------|------------|-------|-------|----------|-------|
| 1 | <input type="checkbox"/> |       |            | 50.00 |       | P        | 50.0  |
| 2 | <input type="checkbox"/> |       |            |       |       |          |       |
| 3 | <input type="checkbox"/> |       |            | 52.78 |       | P        | 18.2  |
| 4 | <input type="checkbox"/> |       |            | 38.89 |       | P        | 101.3 |
| 5 | <input type="checkbox"/> |       |            | 36.11 |       | P        | 70.5  |
| 6 | <input type="checkbox"/> |       |            | 58.34 |       | P        | 24.7  |
| 7 | <input type="checkbox"/> |       |            | 58.34 |       | P        | 14.3  |
| 8 | <input type="checkbox"/> |       |            | 66.67 |       | P        | 21.7  |
| 9 | <input type="checkbox"/> |       |            | 69.45 |       | P        | 6.9   |

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

|   | Rj<br>ct                 | Conc. | Calc Conc. | CPS   | Ratio | Det<br>. | RSD   |
|---|--------------------------|-------|------------|-------|-------|----------|-------|
| 1 | <input type="checkbox"/> |       |            | 3.33  |       | P        | 100.1 |
| 2 | <input type="checkbox"/> |       |            |       |       |          |       |
| 3 | <input type="checkbox"/> |       |            | 4.44  |       | P        | 43.4  |
| 4 | <input type="checkbox"/> |       |            | 4.44  |       | P        | 43.4  |
| 5 | <input type="checkbox"/> |       |            | 1.11  |       | P        | 173.2 |
| 6 | <input type="checkbox"/> |       |            | 2.22  |       | P        | 173.2 |
| 7 | <input type="checkbox"/> |       |            | 4.44  |       | P        | 43.4  |
| 8 | <input type="checkbox"/> |       |            | 13.33 |       | P        | 25.0  |
| 9 | <input type="checkbox"/> |       |            | 10.00 |       | P        | 57.7  |

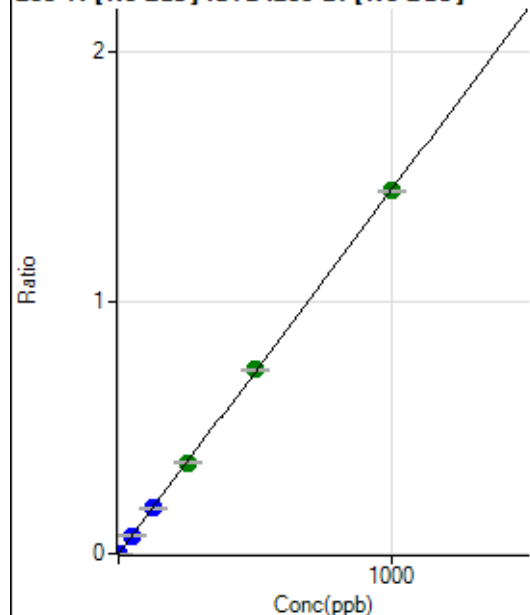
**164 Er [ No Gas ] No available calibration points**

|   | Rj<br>ct                 | Conc. | Calc Conc. | CPS   | Ratio | Det<br>. | RSD  |
|---|--------------------------|-------|------------|-------|-------|----------|------|
| 1 | <input type="checkbox"/> |       |            | 13.89 |       | P        | 91.6 |
| 2 | <input type="checkbox"/> |       |            |       |       |          |      |
| 3 | <input type="checkbox"/> |       |            | 36.11 |       | P        | 58.1 |
| 4 | <input type="checkbox"/> |       |            | 30.55 |       | P        | 15.7 |
| 5 | <input type="checkbox"/> |       |            | 25.00 |       | P        | 57.7 |
| 6 | <input type="checkbox"/> |       |            | 25.00 |       | P        | 57.7 |
| 7 | <input type="checkbox"/> |       |            | 30.56 |       | P        | 41.7 |
| 8 | <input type="checkbox"/> |       |            | 52.78 |       | P        | 24.1 |
| 9 | <input type="checkbox"/> |       |            | 61.11 |       | P        | 67.3 |

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

|   | Rj<br>ct                 | Conc. | Calc Conc. | CPS  | Ratio | Det<br>. | RSD   |
|---|--------------------------|-------|------------|------|-------|----------|-------|
| 1 | <input type="checkbox"/> |       |            | 1.11 |       | P        | 173.2 |
| 2 | <input type="checkbox"/> |       |            |      |       |          |       |
| 3 | <input type="checkbox"/> |       |            | 6.67 |       | P        | 100.0 |
| 4 | <input type="checkbox"/> |       |            | 2.22 |       | P        | 86.6  |
| 5 | <input type="checkbox"/> |       |            | 3.33 |       | P        | 100.1 |
| 6 | <input type="checkbox"/> |       |            | 4.45 |       | P        | 86.6  |
| 7 | <input type="checkbox"/> |       |            | 4.44 |       | P        | 114.6 |
| 8 | <input type="checkbox"/> |       |            | 5.56 |       | P        | 91.6  |
| 9 | <input type="checkbox"/> |       |            | 6.66 |       | P        | 86.6  |

203 Tl [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      | 138.90     | 0.0000 | P    | 28.6 |
| 2 | <input type="checkbox"/> | 0.100    |            |            |        |      |      |
| 3 | <input type="checkbox"/> | 1.000    | 0.937      | 6087.88    | 0.0014 | P    | 3.7  |
| 4 | <input type="checkbox"/> | 50.000   | 49.848     | 320825.42  | 0.0722 | P    | 1.4  |
| 5 | <input type="checkbox"/> | 125.000  | 124.801    | 806002.39  | 0.1807 | P    | 1.1  |
| 6 | <input type="checkbox"/> | 250.000  | 249.416    | 1629164.80 | 0.3611 | A    | 1.6  |
| 7 | <input type="checkbox"/> | 500.000  | 505.320    | 3280354.07 | 0.7316 | A    | 0.8  |
| 8 | <input type="checkbox"/> | 1000.000 | 997.519    | 6518851.27 | 1.4441 | A    | 0.4  |
| 9 | <input type="checkbox"/> |          |            | 2794.89    | 0.0006 | P    | 9.1  |

$$y = 0.0014 * x + 3.1809E-005$$

$$R = 1.0000$$

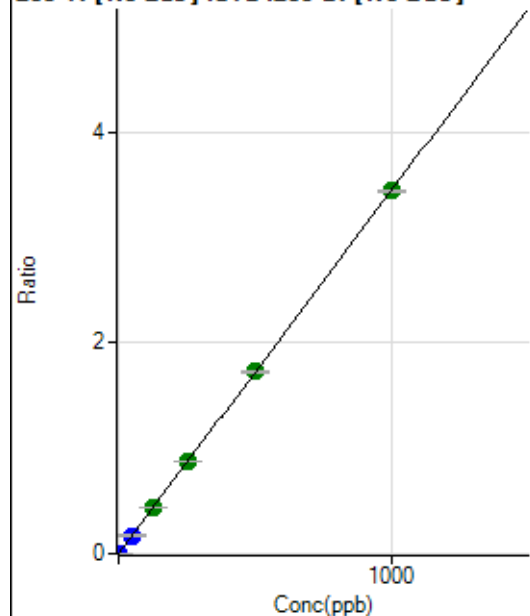
$$DL = 0.01885$$

$$BEC = 0.02197$$

Weight: &lt;None&gt;

Min Conc: 0

205 Tl [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      | 325.02      | 0.0001 | P    | 21.1 |
| 2 | <input type="checkbox"/> | 0.100    |            |             |        |      |      |
| 3 | <input type="checkbox"/> | 1.000    | 0.928      | 14339.24    | 0.0033 | P    | 2.6  |
| 4 | <input type="checkbox"/> | 50.000   | 50.139     | 767780.44   | 0.1728 | P    | 1.2  |
| 5 | <input type="checkbox"/> | 125.000  | 128.128    | 1968806.23  | 0.4414 | A    | 0.3  |
| 6 | <input type="checkbox"/> | 250.000  | 253.371    | 3937711.02  | 0.8728 | A    | 1.3  |
| 7 | <input type="checkbox"/> | 500.000  | 500.639    | 7732328.99  | 1.7245 | A    | 0.7  |
| 8 | <input type="checkbox"/> | 1000.000 | 998.440    | 15524146.35 | 3.4391 | A    | 0.5  |
| 9 | <input type="checkbox"/> |          |            | 6524.18     | 0.0015 | P    | 1.8  |

$$y = 0.0034 * x + 7.4421E-005$$

$$R = 1.0000$$

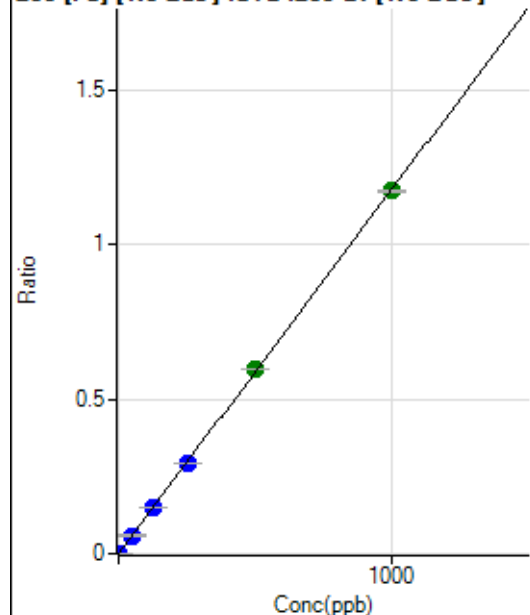
$$DL = 0.01369$$

$$BEC = 0.02161$$

Weight: &lt;None&gt;

Min Conc: 0

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



|   | Rj<br>ct                 | Conc.    | Calc Conc. | CPS        | Ratio  | Det. | RSD  |
|---|--------------------------|----------|------------|------------|--------|------|------|
| 1 | <input type="checkbox"/> | 0.000    | 0.000      | 237.05     | 0.0001 | P    | 19.2 |
| 2 | <input type="checkbox"/> | 0.100    |            |            |        |      |      |
| 3 | <input type="checkbox"/> | 1.000    | 0.944      | 5108.62    | 0.0012 | P    | 3.5  |
| 4 | <input type="checkbox"/> | 50.000   | 49.992     | 261730.73  | 0.0589 | P    | 1.7  |
| 5 | <input type="checkbox"/> | 125.000  | 125.142    | 657271.85  | 0.1474 | P    | 0.8  |
| 6 | <input type="checkbox"/> | 250.000  | 247.870    | 1316629.92 | 0.2918 | P    | 1.0  |
| 7 | <input type="checkbox"/> | 500.000  | 507.200    | 2677297.63 | 0.5971 | A    | 0.4  |
| 8 | <input type="checkbox"/> | 1000.000 | 996.915    | 5297327.14 | 1.1735 | A    | 0.4  |
| 9 | <input type="checkbox"/> |          |            | 9034.97    | 0.0021 | P    | 4.0  |

$$y = 0.0012 * x + 5.4283E-005$$

$$R = 1.0000$$

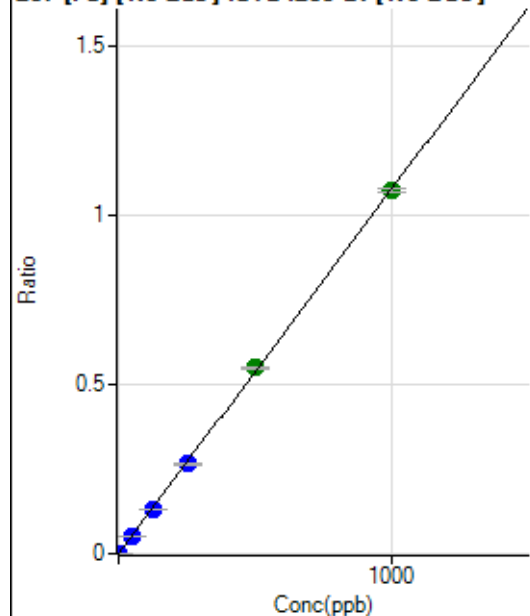
$$DL = 0.02655$$

$$BEC = 0.04612$$

Weight: &lt;None&gt;

Min Conc: 0

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



|   | Rj<br>ct                 | Conc.    | Calc Conc. | CPS        | Ratio  | Det. | RSD  |
|---|--------------------------|----------|------------|------------|--------|------|------|
| 1 | <input type="checkbox"/> | 0.000    | 0.000      | 237.05     | 0.0001 | P    | 17.4 |
| 2 | <input type="checkbox"/> | 0.100    |            |            |        |      |      |
| 3 | <input type="checkbox"/> | 1.000    | 0.919      | 4578.75    | 0.0010 | P    | 3.3  |
| 4 | <input type="checkbox"/> | 50.000   | 49.381     | 236675.52  | 0.0533 | P    | 1.7  |
| 5 | <input type="checkbox"/> | 125.000  | 123.633    | 594410.63  | 0.1333 | P    | 0.3  |
| 6 | <input type="checkbox"/> | 250.000  | 245.757    | 1194952.78 | 0.2649 | P    | 0.9  |
| 7 | <input type="checkbox"/> | 500.000  | 510.923    | 2468579.08 | 0.5506 | A    | 1.1  |
| 8 | <input type="checkbox"/> | 1000.000 | 995.801    | 4843518.11 | 1.0730 | A    | 1.0  |
| 9 | <input type="checkbox"/> |          |            | 7813.76    | 0.0018 | P    | 2.2  |

$$y = 0.0011 * x + 5.4249E-005$$

$$R = 0.9999$$

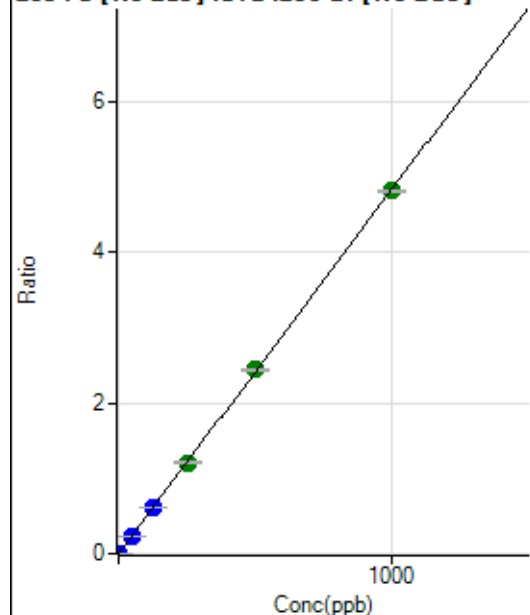
$$DL = 0.02625$$

$$BEC = 0.05035$$

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      | 1024.12     | 0.0002 | P        | 1.6 |
| 2 | <input type="checkbox"/> | 0.100    |            |             |        |          |     |
| 3 | <input type="checkbox"/> | 1.000    | 0.937      | 20862.98    | 0.0048 | P        | 0.8 |
| 4 | <input type="checkbox"/> | 50.000   | 49.590     | 1065181.55  | 0.2397 | P        | 1.0 |
| 5 | <input type="checkbox"/> | 125.000  | 124.316    | 2678602.72  | 0.6005 | P        | 0.1 |
| 6 | <input type="checkbox"/> | 250.000  | 250.521    | 5458798.64  | 1.2100 | A        | 1.4 |
| 7 | <input type="checkbox"/> | 500.000  | 505.552    | 10947031.41 | 2.4415 | A        | 0.9 |
| 8 | <input type="checkbox"/> | 1000.000 | 997.200    | 21737332.78 | 4.8155 | A        | 0.5 |
| 9 | <input type="checkbox"/> |          |            | 35978.41    | 0.0083 | P        | 1.0 |

$$y = 0.0048 * x + 2.3445E-004$$

$$R = 1.0000$$

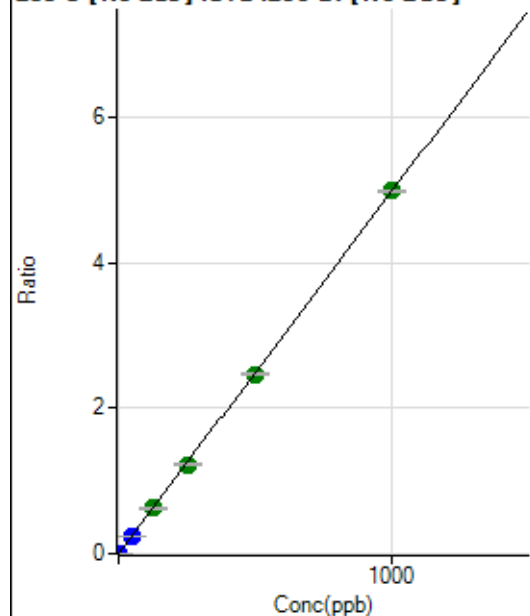
$$DL = 0.002381$$

$$BEC = 0.04855$$

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      | 111.12      | 0.0000 | P        | 24.1 |
| 2 | <input type="checkbox"/> | 0.100    |            |             |        |          |      |
| 3 | <input type="checkbox"/> | 1.000    | 0.885      | 19388.11    | 0.0044 | P        | 5.4  |
| 4 | <input type="checkbox"/> | 50.000   | 48.706     | 1075439.26  | 0.2420 | P        | 1.2  |
| 5 | <input type="checkbox"/> | 125.000  | 125.081    | 2771936.78  | 0.6215 | A        | 0.4  |
| 6 | <input type="checkbox"/> | 250.000  | 246.855    | 5533735.06  | 1.2265 | A        | 0.5  |
| 7 | <input type="checkbox"/> | 500.000  | 496.337    | 11057168.74 | 2.4660 | A        | 0.8  |
| 8 | <input type="checkbox"/> | 1000.000 | 1002.673   | 22486918.04 | 4.9816 | A        | 0.4  |
| 9 | <input type="checkbox"/> |          |            | 1419.59     | 0.0003 | P        | 8.9  |

$$y = 0.0050 * x + 2.5438E-005$$

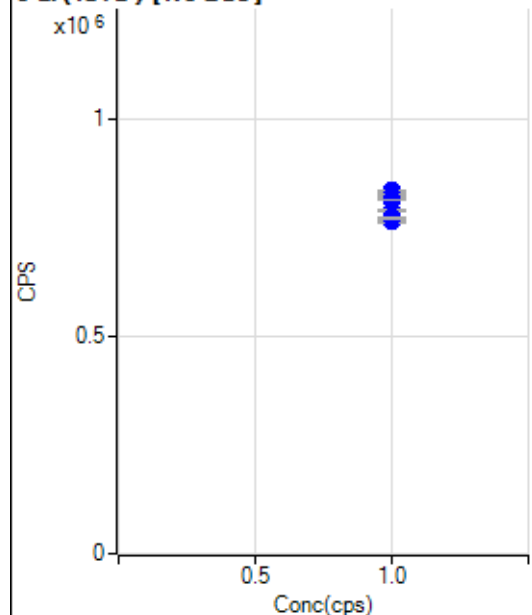
$$R = 1.0000$$

$$DL = 0.003704$$

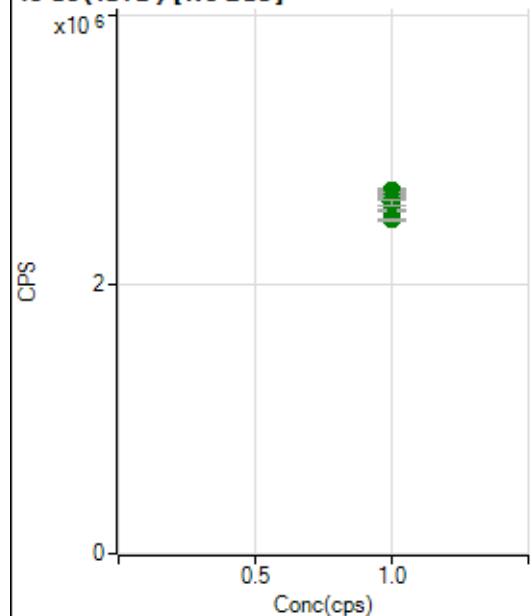
$$BEC = 0.00512$$

Weight: &lt;None&gt;

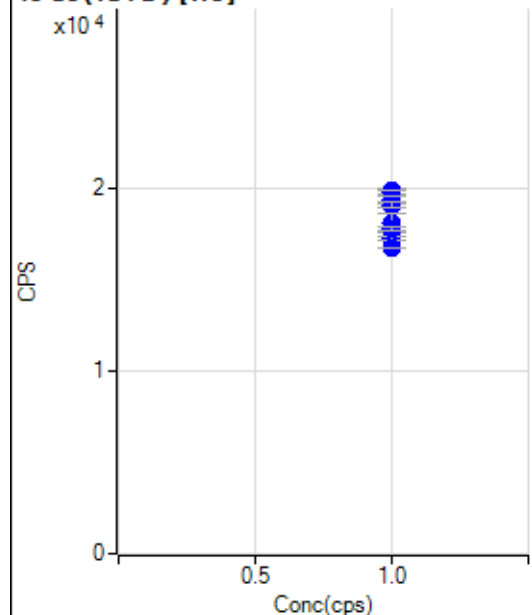
Min Conc: 0

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

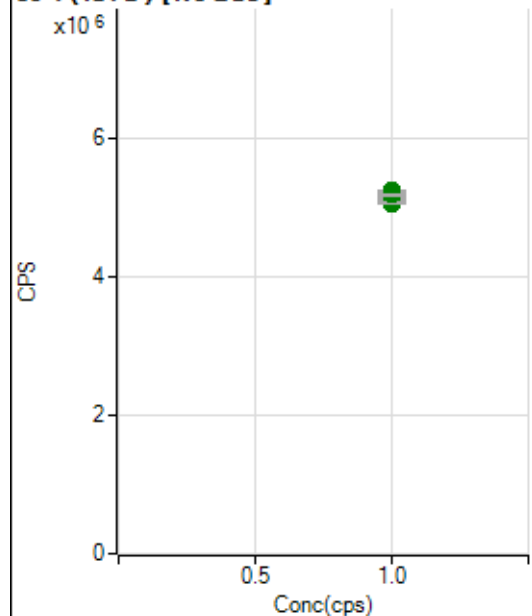
|   | Rj<br>ct                 | Conc. | Calc Conc. | CPS       | Ratio | Det<br>. | RSD |
|---|--------------------------|-------|------------|-----------|-------|----------|-----|
| 1 | <input type="checkbox"/> | 1.000 |            | 820596.07 |       | P        | 0.5 |
| 2 | <input type="checkbox"/> | 1.000 |            |           |       |          |     |
| 3 | <input type="checkbox"/> | 1.000 |            | 825159.15 |       | P        | 0.7 |
| 4 | <input type="checkbox"/> | 1.000 |            | 834208.26 |       | P        | 0.6 |
| 5 | <input type="checkbox"/> | 1.000 |            | 824349.68 |       | P        | 0.5 |
| 6 | <input type="checkbox"/> | 1.000 |            | 813798.15 |       | P        | 0.4 |
| 7 | <input type="checkbox"/> | 1.000 |            | 787352.28 |       | P        | 0.5 |
| 8 | <input type="checkbox"/> | 1.000 |            | 763015.56 |       | P        | 0.4 |
| 9 | <input type="checkbox"/> | 1.000 |            | 772685.46 |       | P        | 0.4 |

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

|   | Rj<br>ct                 | Conc. | Calc Conc. | CPS        | Ratio | Det<br>. | RSD |
|---|--------------------------|-------|------------|------------|-------|----------|-----|
| 1 | <input type="checkbox"/> | 1.000 |            | 2683454.72 |       | A        | 0.1 |
| 2 | <input type="checkbox"/> | 1.000 |            |            |       |          |     |
| 3 | <input type="checkbox"/> | 1.000 |            | 2695760.80 |       | A        | 1.3 |
| 4 | <input type="checkbox"/> | 1.000 |            | 2699541.90 |       | A        | 0.4 |
| 5 | <input type="checkbox"/> | 1.000 |            | 2681145.46 |       | A        | 0.9 |
| 6 | <input type="checkbox"/> | 1.000 |            | 2653724.78 |       | A        | 0.8 |
| 7 | <input type="checkbox"/> | 1.000 |            | 2556768.22 |       | A        | 0.6 |
| 8 | <input type="checkbox"/> | 1.000 |            | 2484050.73 |       | A        | 0.7 |
| 9 | <input type="checkbox"/> | 1.000 |            | 2612689.88 |       | A        | 1.4 |

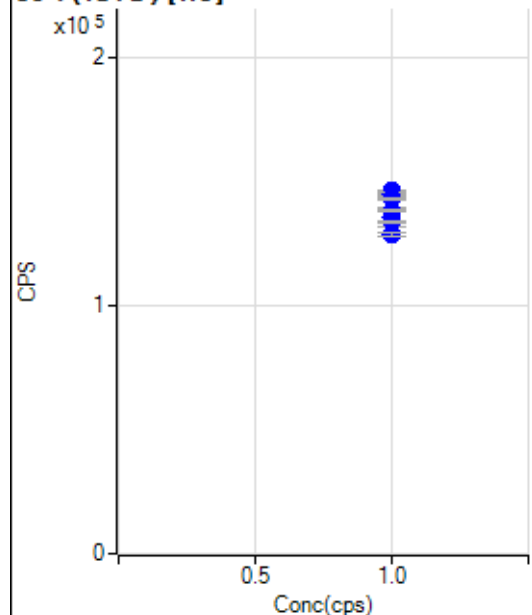
**45 Sc (ISTD) [He]**

|   | Rj<br>ct                 | Conc. | Calc Conc. | CPS      | Ratio | Det<br>. | RSD |
|---|--------------------------|-------|------------|----------|-------|----------|-----|
| 1 | <input type="checkbox"/> | 1.000 |            | 19863.15 |       | P        | 1.6 |
| 2 | <input type="checkbox"/> | 1.000 |            |          |       |          |     |
| 3 | <input type="checkbox"/> | 1.000 |            | 19751.85 |       | P        | 1.4 |
| 4 | <input type="checkbox"/> | 1.000 |            | 19409.16 |       | P        | 2.1 |
| 5 | <input type="checkbox"/> | 1.000 |            | 19104.33 |       | P        | 1.3 |
| 6 | <input type="checkbox"/> | 1.000 |            | 18064.09 |       | P        | 5.8 |
| 7 | <input type="checkbox"/> | 1.000 |            | 17258.57 |       | P        | 1.2 |
| 8 | <input type="checkbox"/> | 1.000 |            | 16750.15 |       | P        | 0.1 |
| 9 | <input type="checkbox"/> | 1.000 |            | 17793.70 |       | P        | 0.9 |

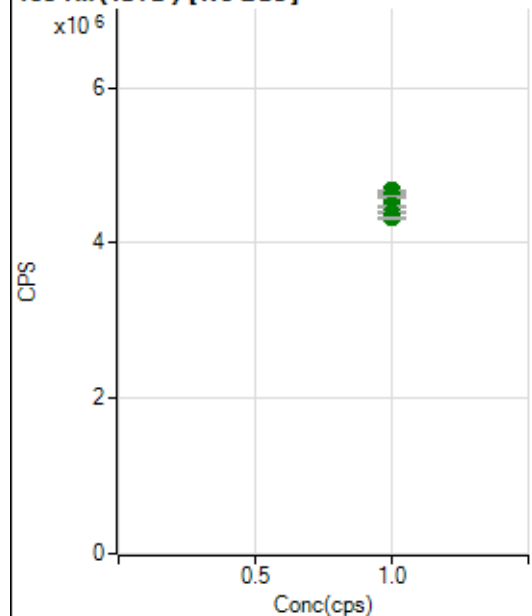
**89 Y (ISTD) [No Gas]**

|   | Rj<br>ct                 | Conc. | Calc Conc. | CPS        | Ratio | Det<br>. | RSD |
|---|--------------------------|-------|------------|------------|-------|----------|-----|
| 1 | <input type="checkbox"/> | 1.000 |            | 5168054.68 |       | A        | 0.6 |
| 2 | <input type="checkbox"/> | 1.000 |            |            |       |          |     |
| 3 | <input type="checkbox"/> | 1.000 |            | 5145651.55 |       | A        | 1.6 |
| 4 | <input type="checkbox"/> | 1.000 |            | 5249108.12 |       | A        | 0.5 |
| 5 | <input type="checkbox"/> | 1.000 |            | 5198666.21 |       | A        | 0.8 |
| 6 | <input type="checkbox"/> | 1.000 |            | 5193846.21 |       | A        | 0.4 |
| 7 | <input type="checkbox"/> | 1.000 |            | 5140762.39 |       | A        | 0.5 |
| 8 | <input type="checkbox"/> | 1.000 |            | 5073501.11 |       | A        | 0.9 |
| 9 | <input type="checkbox"/> | 1.000 |            | 5192602.49 |       | A        | 0.4 |

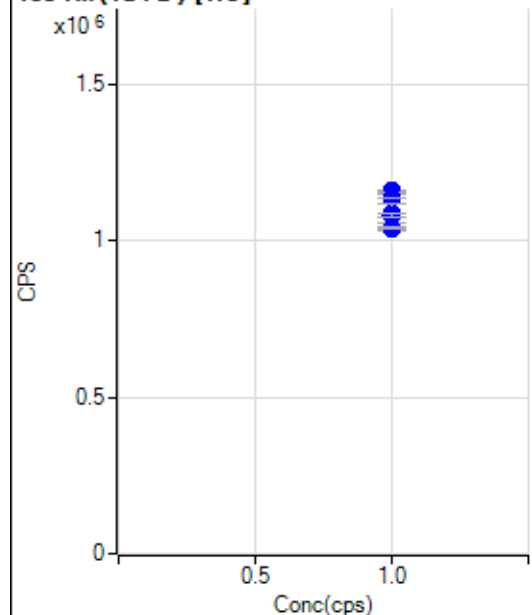


**89 Y(ISTD) [He]**

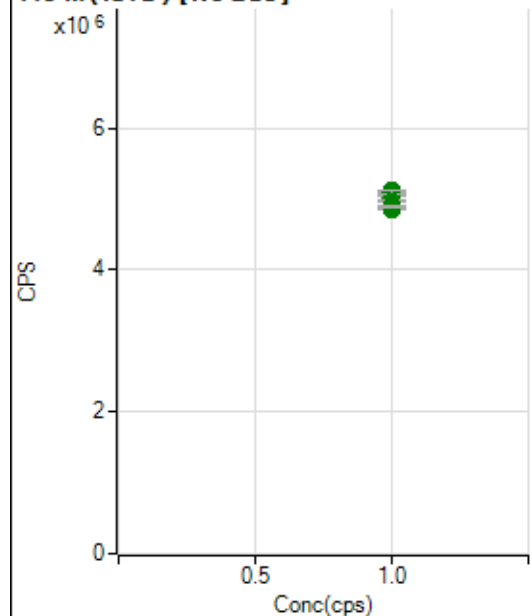
|   | Rj<br>ct                 | Conc. | Calc Conc. | CPS       | Ratio | Det<br>. | RSD |
|---|--------------------------|-------|------------|-----------|-------|----------|-----|
| 1 | <input type="checkbox"/> | 1.000 |            | 145425.95 |       | P        | 0.8 |
| 2 | <input type="checkbox"/> | 1.000 |            |           |       |          |     |
| 3 | <input type="checkbox"/> | 1.000 |            | 146003.60 |       | P        | 0.4 |
| 4 | <input type="checkbox"/> | 1.000 |            | 144706.98 |       | P        | 0.9 |
| 5 | <input type="checkbox"/> | 1.000 |            | 142871.25 |       | P        | 0.2 |
| 6 | <input type="checkbox"/> | 1.000 |            | 135648.68 |       | P        | 5.5 |
| 7 | <input type="checkbox"/> | 1.000 |            | 133545.18 |       | P        | 0.7 |
| 8 | <input type="checkbox"/> | 1.000 |            | 128607.31 |       | P        | 1.0 |
| 9 | <input type="checkbox"/> | 1.000 |            | 137926.32 |       | P        | 0.8 |

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

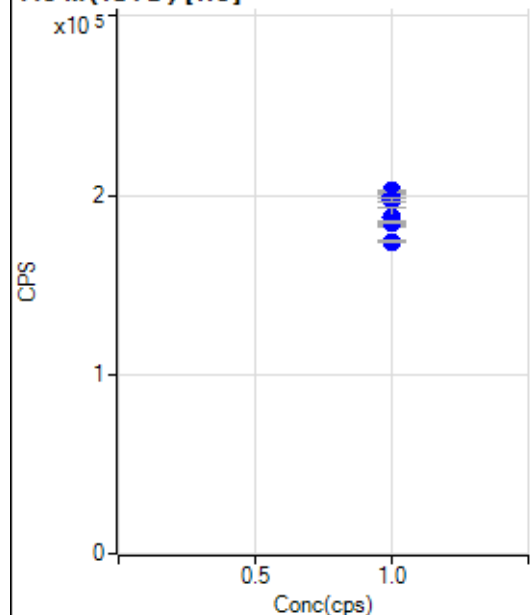
|   | Rj<br>ct                 | Conc. | Calc Conc. | CPS        | Ratio | Det<br>. | RSD |
|---|--------------------------|-------|------------|------------|-------|----------|-----|
| 1 | <input type="checkbox"/> | 1.000 |            | 4672074.24 |       | A        | 0.6 |
| 2 | <input type="checkbox"/> | 1.000 |            |            |       |          |     |
| 3 | <input type="checkbox"/> | 1.000 |            | 4659928.88 |       | A        | 0.7 |
| 4 | <input type="checkbox"/> | 1.000 |            | 4669195.55 |       | A        | 0.6 |
| 5 | <input type="checkbox"/> | 1.000 |            | 4607869.81 |       | A        | 0.6 |
| 6 | <input type="checkbox"/> | 1.000 |            | 4586371.85 |       | A        | 0.4 |
| 7 | <input type="checkbox"/> | 1.000 |            | 4473314.34 |       | A        | 0.2 |
| 8 | <input type="checkbox"/> | 1.000 |            | 4395048.01 |       | A        | 0.2 |
| 9 | <input type="checkbox"/> | 1.000 |            | 4329802.53 |       | A        | 0.5 |

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

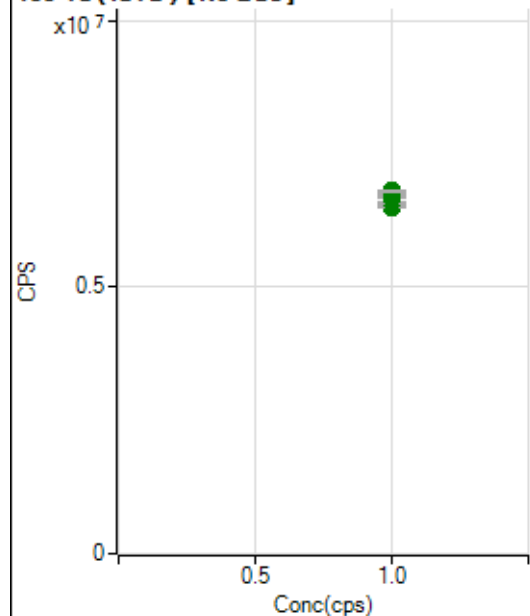
|   | Rj<br>ct                 | Conc. | Calc Conc. | CPS        | Ratio | Det<br>. | RSD |
|---|--------------------------|-------|------------|------------|-------|----------|-----|
| 1 | <input type="checkbox"/> | 1.000 |            | 1154149.69 |       | P        | 1.1 |
| 2 | <input type="checkbox"/> | 1.000 |            |            |       |          |     |
| 3 | <input type="checkbox"/> | 1.000 |            | 1157819.49 |       | P        | 0.3 |
| 4 | <input type="checkbox"/> | 1.000 |            | 1152969.26 |       | P        | 0.6 |
| 5 | <input type="checkbox"/> | 1.000 |            | 1136228.26 |       | P        | 0.0 |
| 6 | <input type="checkbox"/> | 1.000 |            | 1085239.78 |       | P        | 5.3 |
| 7 | <input type="checkbox"/> | 1.000 |            | 1082059.14 |       | P        | 1.3 |
| 8 | <input type="checkbox"/> | 1.000 |            | 1036520.09 |       | P        | 0.8 |
| 9 | <input type="checkbox"/> | 1.000 |            | 1039590.95 |       | P        | 0.3 |

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

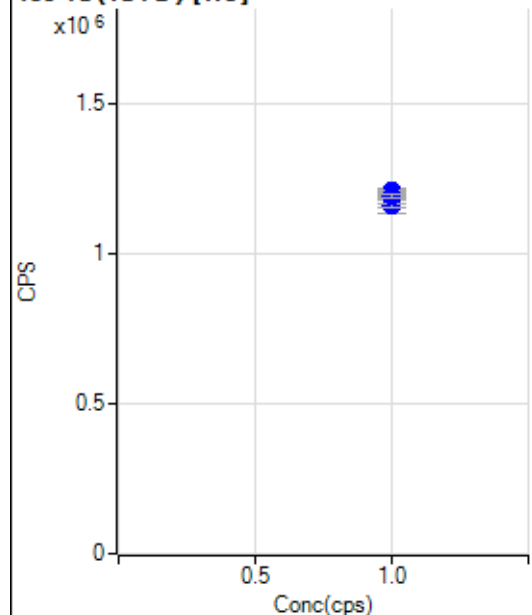
|   | Rj<br>ct                 | Conc. | Calc Conc. | CPS        | Ratio | Det<br>. | RSD |
|---|--------------------------|-------|------------|------------|-------|----------|-----|
| 1 | <input type="checkbox"/> | 1.000 |            | 5045141.30 |       | A        | 0.0 |
| 2 | <input type="checkbox"/> | 1.000 |            |            |       |          |     |
| 3 | <input type="checkbox"/> | 1.000 |            | 5027244.76 |       | A        | 1.0 |
| 4 | <input type="checkbox"/> | 1.000 |            | 5084893.69 |       | A        | 0.3 |
| 5 | <input type="checkbox"/> | 1.000 |            | 5115666.47 |       | A        | 0.7 |
| 6 | <input type="checkbox"/> | 1.000 |            | 5094167.25 |       | A        | 0.7 |
| 7 | <input type="checkbox"/> | 1.000 |            | 4967665.44 |       | A        | 0.6 |
| 8 | <input type="checkbox"/> | 1.000 |            | 4858908.41 |       | A        | 0.4 |
| 9 | <input type="checkbox"/> | 1.000 |            | 4899812.35 |       | A        | 0.5 |

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

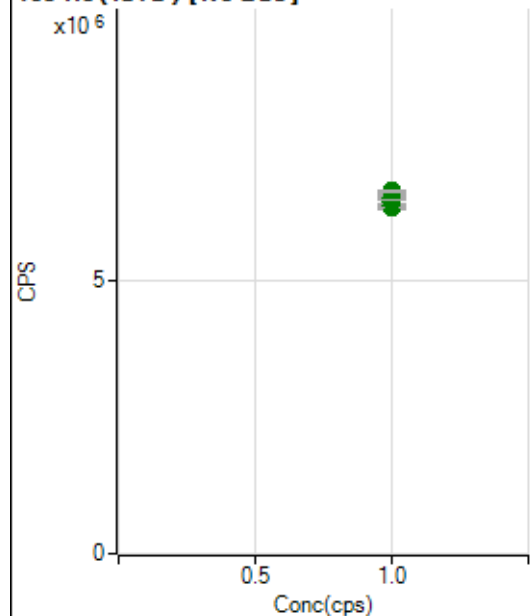
|   | Rj<br>ct                 | Conc. | Calc Conc. | CPS       | Ratio | Det<br>. | RSD |
|---|--------------------------|-------|------------|-----------|-------|----------|-----|
| 1 | <input type="checkbox"/> | 1.000 |            | 201261.54 |       | P        | 0.9 |
| 2 | <input type="checkbox"/> | 1.000 |            |           |       |          |     |
| 3 | <input type="checkbox"/> | 1.000 |            | 202345.17 |       | P        | 0.4 |
| 4 | <input type="checkbox"/> | 1.000 |            | 199998.20 |       | P        | 1.1 |
| 5 | <input type="checkbox"/> | 1.000 |            | 197079.15 |       | P        | 0.9 |
| 6 | <input type="checkbox"/> | 1.000 |            | 187450.66 |       | P        | 5.7 |
| 7 | <input type="checkbox"/> | 1.000 |            | 184193.21 |       | P        | 1.2 |
| 8 | <input type="checkbox"/> | 1.000 |            | 174139.24 |       | P        | 0.9 |
| 9 | <input type="checkbox"/> | 1.000 |            | 184937.44 |       | P        | 0.7 |

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

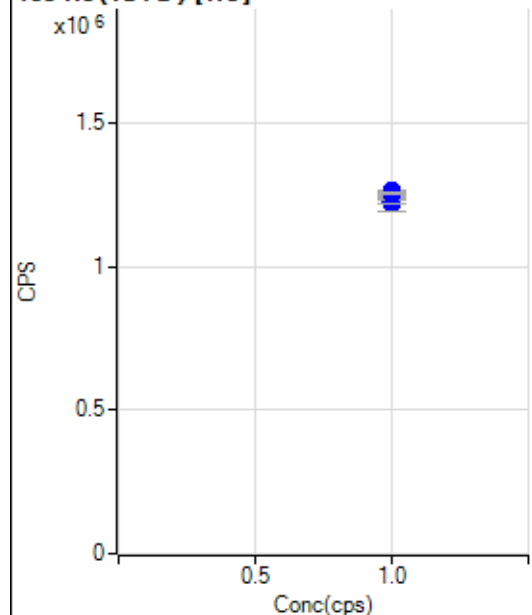
|   | Rj<br>ct                 | Conc. | Calc Conc. | CPS        | Ratio | Det<br>. | RSD |
|---|--------------------------|-------|------------|------------|-------|----------|-----|
| 1 | <input type="checkbox"/> | 1.000 |            | 6528169.97 |       | A        | 0.9 |
| 2 | <input type="checkbox"/> | 1.000 |            |            |       |          |     |
| 3 | <input type="checkbox"/> | 1.000 |            | 6499289.21 |       | A        | 0.7 |
| 4 | <input type="checkbox"/> | 1.000 |            | 6580393.10 |       | A        | 0.5 |
| 5 | <input type="checkbox"/> | 1.000 |            | 6685088.93 |       | A        | 1.0 |
| 6 | <input type="checkbox"/> | 1.000 |            | 6725956.43 |       | A        | 0.9 |
| 7 | <input type="checkbox"/> | 1.000 |            | 6738170.46 |       | A        | 1.2 |
| 8 | <input type="checkbox"/> | 1.000 |            | 6759220.94 |       | A        | 0.1 |
| 9 | <input type="checkbox"/> | 1.000 |            | 6799517.74 |       | A        | 0.7 |

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

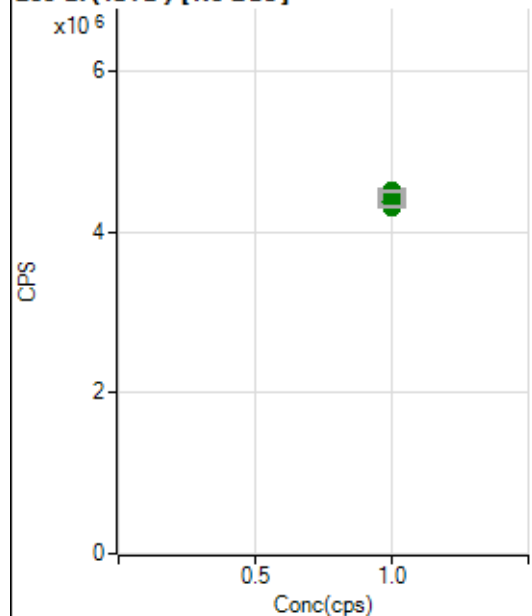
|   | Rj<br>ct                 | Conc. | Calc Conc. | CPS        | Ratio | Det<br>. | RSD |
|---|--------------------------|-------|------------|------------|-------|----------|-----|
| 1 | <input type="checkbox"/> | 1.000 |            | 1198233.68 |       | P        | 0.8 |
| 2 | <input type="checkbox"/> | 1.000 |            |            |       |          |     |
| 3 | <input type="checkbox"/> | 1.000 |            | 1204206.51 |       | P        | 0.2 |
| 4 | <input type="checkbox"/> | 1.000 |            | 1210375.29 |       | P        | 1.0 |
| 5 | <input type="checkbox"/> | 1.000 |            | 1208003.72 |       | P        | 0.7 |
| 6 | <input type="checkbox"/> | 1.000 |            | 1166550.22 |       | P        | 5.4 |
| 7 | <input type="checkbox"/> | 1.000 |            | 1185004.36 |       | P        | 0.8 |
| 8 | <input type="checkbox"/> | 1.000 |            | 1161844.59 |       | P        | 1.1 |
| 9 | <input type="checkbox"/> | 1.000 |            | 1193215.71 |       | P        | 1.1 |

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

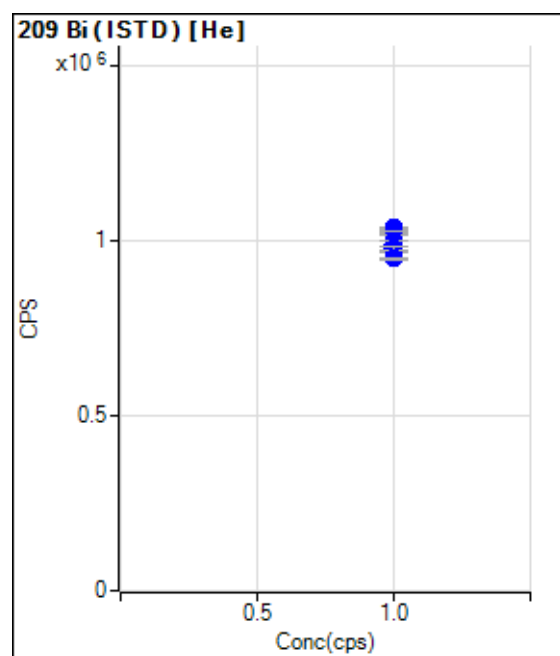
|   | Rj<br>ct                 | Conc. | Calc Conc. | CPS        | Ratio | Det<br>. | RSD |
|---|--------------------------|-------|------------|------------|-------|----------|-----|
| 1 | <input type="checkbox"/> | 1.000 |            | 6339514.86 |       | A        | 0.7 |
| 2 | <input type="checkbox"/> | 1.000 |            |            |       |          |     |
| 3 | <input type="checkbox"/> | 1.000 |            | 6363064.72 |       | A        | 1.4 |
| 4 | <input type="checkbox"/> | 1.000 |            | 6453181.91 |       | A        | 1.2 |
| 5 | <input type="checkbox"/> | 1.000 |            | 6490694.59 |       | A        | 0.6 |
| 6 | <input type="checkbox"/> | 1.000 |            | 6574989.08 |       | A        | 0.7 |
| 7 | <input type="checkbox"/> | 1.000 |            | 6527058.52 |       | A        | 1.5 |
| 8 | <input type="checkbox"/> | 1.000 |            | 6641135.57 |       | A        | 0.5 |
| 9 | <input type="checkbox"/> | 1.000 |            | 6640827.75 |       | A        | 0.6 |

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

|   | Rj<br>ct                 | Conc. | Calc Conc. | CPS        | Ratio | Det<br>. | RSD |
|---|--------------------------|-------|------------|------------|-------|----------|-----|
| 1 | <input type="checkbox"/> | 1.000 |            | 1250021.77 |       | P        | 1.0 |
| 2 | <input type="checkbox"/> | 1.000 |            |            |       |          |     |
| 3 | <input type="checkbox"/> | 1.000 |            | 1255278.72 |       | P        | 0.4 |
| 4 | <input type="checkbox"/> | 1.000 |            | 1263793.77 |       | P        | 0.6 |
| 5 | <input type="checkbox"/> | 1.000 |            | 1261685.60 |       | P        | 0.6 |
| 6 | <input type="checkbox"/> | 1.000 |            | 1219670.37 |       | P        | 5.0 |
| 7 | <input type="checkbox"/> | 1.000 |            | 1236929.14 |       | P        | 0.5 |
| 8 | <input type="checkbox"/> | 1.000 |            | 1224919.36 |       | P        | 1.3 |
| 9 | <input type="checkbox"/> | 1.000 |            | 1255240.77 |       | P        | 0.4 |

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

|   | Rj<br>ct                 | Conc. | Calc Conc. | CPS        | Ratio | Det<br>. | RSD |
|---|--------------------------|-------|------------|------------|-------|----------|-----|
| 1 | <input type="checkbox"/> | 1.000 |            | 4368364.34 |       | A        | 0.3 |
| 2 | <input type="checkbox"/> | 1.000 |            |            |       |          |     |
| 3 | <input type="checkbox"/> | 1.000 |            | 4384366.63 |       | A        | 0.9 |
| 4 | <input type="checkbox"/> | 1.000 |            | 4444106.11 |       | A        | 0.9 |
| 5 | <input type="checkbox"/> | 1.000 |            | 4460367.40 |       | A        | 0.3 |
| 6 | <input type="checkbox"/> | 1.000 |            | 4512024.69 |       | A        | 1.1 |
| 7 | <input type="checkbox"/> | 1.000 |            | 4484033.20 |       | A        | 0.8 |
| 8 | <input type="checkbox"/> | 1.000 |            | 4514022.95 |       | A        | 0.2 |
| 9 | <input type="checkbox"/> | 1.000 |            | 4316138.30 |       | A        | 0.8 |



|   | Rj<br>ct                 | Conc. | Calc Conc. | CPS        | Ratio | Det<br>. | RSD |
|---|--------------------------|-------|------------|------------|-------|----------|-----|
| 1 | <input type="checkbox"/> | 1.000 |            | 1026325.38 |       | P        | 1.0 |
| 2 | <input type="checkbox"/> | 1.000 |            |            |       |          |     |
| 3 | <input type="checkbox"/> | 1.000 |            | 1034840.56 |       | P        | 0.2 |
| 4 | <input type="checkbox"/> | 1.000 |            | 1033458.14 |       | P        | 0.9 |
| 5 | <input type="checkbox"/> | 1.000 |            | 1024921.95 |       | P        | 0.3 |
| 6 | <input type="checkbox"/> | 1.000 |            | 989686.01  |       | P        | 5.0 |
| 7 | <input type="checkbox"/> | 1.000 |            | 998716.46  |       | P        | 0.5 |
| 8 | <input type="checkbox"/> | 1.000 |            | 978172.55  |       | P        | 1.0 |
| 9 | <input type="checkbox"/> | 1.000 |            | 948014.98  |       | P        | 0.7 |

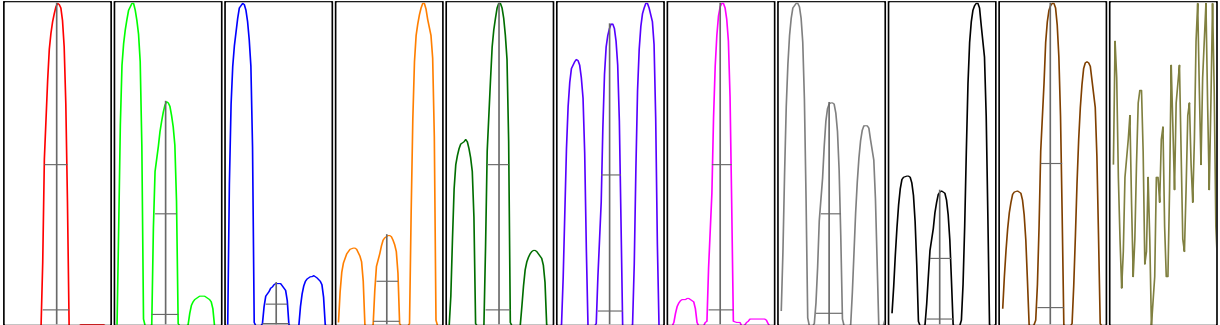
US EPA Tune Check Sample Report

Batch Folder D:\P8012218 MS.b  
Report Comment  
Instrument Name G8403A JP17141814

| [No Gas] |                 |                  |                    |                |
|----------|-----------------|------------------|--------------------|----------------|
| Mass     | Count<br>(Mean) | RSD%<br>(Actual) | RSD%<br>(Required) | RSD%<br>(Flag) |
| 9        | 4657            | 1.07             | 5.00               |                |
| 24       | 28870           | 0.86             | 5.00               |                |
| 25       | 3871            | 0.91             | 5.00               |                |
| 26       | 4481            | 0.87             | 5.00               |                |
| 59       | 53228           | 0.78             | 5.00               |                |
| 113      | 7744            | 0.92             | 5.00               |                |
| 115      | 100482          | 1.31             | 5.00               |                |
| 206      | 25479           | 1.26             | 5.00               |                |
| 207      | 23188           | 1.04             | 5.00               |                |
| 208      | 55426           | 1.43             | 5.00               |                |
| 220      | 1               | 14.20            |                    |                |

| Mass | Replicate 1<br>Count | Replicate 2<br>Count | Replicate 3<br>Count | Replicate 4<br>Count | Replicate 5<br>Count |
|------|----------------------|----------------------|----------------------|----------------------|----------------------|
| 9    | 4613                 | 4713                 | 4696                 | 4600                 | 4665                 |
| 24   | 28687                | 29006                | 29030                | 28528                | 29100                |
| 25   | 3828                 | 3909                 | 3891                 | 3839                 | 3885                 |
| 26   | 4449                 | 4520                 | 4512                 | 4431                 | 4494                 |
| 59   | 52891                | 53453                | 53705                | 52711                | 53382                |
| 113  | 7701                 | 7743                 | 7813                 | 7650                 | 7812                 |
| 115  | 100181               | 101114               | 100962               | 98359                | 101795               |
| 206  | 25085                | 25664                | 25631                | 25194                | 25822                |
| 207  | 22909                | 23233                | 23423                | 22967                | 23408                |
| 208  | 54387                | 55508                | 56031                | 54889                | 56313                |
| 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-X%<br>X%<br>(Flag) |
|------|----------------|------------------|--------------------|----------------|----------------------|------------------------|--------------------------|
| 9    | 7679           | 9.00             | 8.9 - 9.1          |                | 0.781                | 0.900                  |                          |
| 24   | 47612          | 23.95            | 23.9 - 24.1        |                | 0.741                | 0.900                  |                          |
| 25   | 6297           | 24.95            | 24.9 - 25.1        |                | 0.746                | 0.900                  |                          |
| 26   | 7322           | 25.95            | 25.9 - 26.1        |                | 0.742                | 0.900                  |                          |
| 59   | 90639          | 59.00            | 58.9 - 59.1        |                | 0.736                | 0.900                  |                          |
| 113  | 14261          | 113.00           | 112.9 - 113.1      |                | 0.729                | 0.900                  |                          |
| 115  | 182955         | 115.00           | 114.9 - 115.1      |                | 0.734                | 0.900                  |                          |
| 206  | 45274          | 205.95           | 205.9 - 206.1      |                | 0.773                | 0.900                  |                          |
| 207  | 40688          | 206.95           | 206.9 - 207.1      |                | 0.778                | 0.900                  |                          |
| 208  | 97421          | 207.95           | 207.9 - 208.1      |                | 0.773                | 0.900                  |                          |
| 220  |                |                  | -                  |                |                      |                        |                          |

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

Tune Parameters

## Plasma Paramters ##

| ParameterName | Value | Unit | ParameterName    | Value | Unit  | ParameterName | Value | Unit |
|---------------|-------|------|------------------|-------|-------|---------------|-------|------|
| 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    | 9.2   | V    | Deflect       | 14.0  | V    |
| Extract 2     | -220.0 | 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       | 190   | V    |                       |       |      |

[He]

| Mass | Count<br>(Mean) | RSD%<br>(Actual) | RSD%<br>(Required) |
|------|-----------------|------------------|--------------------|
| 59   | 6487            | 0.59             |                    |
| 89   | 1401            | 0.73             |                    |
| 205  | 10738           | 0.60             |                    |

| Mass | Replicate 1<br>Count | Replicate 2<br>Count | Replicate 3<br>Count | Replicate 4<br>Count | Replicate 5<br>Count |
|------|----------------------|----------------------|----------------------|----------------------|----------------------|
| 59   | 6536                 | 6490                 | 6465                 | 6506                 | 6436                 |
| 89   | 1411                 | 1403                 | 1386                 | 1410                 | 1395                 |
| 205  | 10828                | 10682                | 10681                | 10778                | 10719                |

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    | 9.2   | V    | Deflect       | 2.0   | V    |
| Extract 2     | -220.0 | 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       | 200   | V    |                       |       |      |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB92809             | Operator :        | Jaswal    |
| Lab Sample ID :         | S00                 | Instrumnet Name : | P8        |
| Client Sample ID :      | S00                 | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2018-01-22 13:36:39 | DataFile Name :   | 003CALB.d |

| Parameter  | Mass  | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|------------|-------|---------|---------|---------|------------|---------|-------|
| Aluminium  | 27-2  | -1.20   | -3.12   | 4.32    | 0.00       | N/A     | ppb   |
| Antimony   | 121-1 | 0.00    | 0.00    | 0.00    | 0.00       | N/A     | ppb   |
| Arsenic    | 75-2  | -0.01   | 0.02    | -0.01   | 0.00       | N/A     | ppb   |
| Barium     | 135-1 | 0.00    | -0.01   | 0.01    | 0.00       | N/A     | ppb   |
| Barium     | 137-1 | 0.01    | -0.01   | 0.00    | 0.00       | N/A     | ppb   |
| Beryllium  | 9-1   | 0.02    | 0.00    | -0.03   | 0.00       | N/A     | ppb   |
| Bismuth    | 209-1 |         |         |         | 100        |         | %     |
| Bismuth    | 209-2 |         |         |         | 100        |         | %     |
| Boron      | 10-1  | 0.18    | -0.35   | 0.16    | 0.00       | N/A     | ppb   |
| Boron      | 11-1  | 0.14    | -0.11   | -0.03   | 0.00       | N/A     | ppb   |
| Cadmium    | 111-1 | -0.03   | 0.01    | 0.02    | 0.00       | N/A     | ppb   |
| Cadmium    | 106-1 | -0.51   | 0.16    | 0.35    | 0.00       | N/A     | ppb   |
| Cadmium    | 108-1 | -0.04   | 0.00    | 0.04    | 0.00       | N/A     | ppb   |
| Calcium    | 43-1  | -5.04   | 8.44    | -3.40   | 0.00       | N/A     | ppb   |
| Calcium    | 44-1  | 0.44    | -0.09   | -0.35   | 0.00       | N/A     | ppb   |
| Chromium   | 52-2  | 0.01    | -0.02   | 0.01    | 0.00       | N/A     | ppb   |
| Cobalt     | 59-2  | -0.01   | 0.01    | 0.00    | 0.00       | N/A     | ppb   |
| Copper     | 63-2  | 0.01    | -0.02   | 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  | 0.05    | 0.12    | -0.18   | 0.00       | N/A     | ppb   |
| Iron       | 57-2  | -0.84   | 0.17    | 0.67    | 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    | -0.01   | 0.00       | N/A     | ppb   |
| Lead       | 208-1 | 0.00    | 0.00    | 0.00    | 0.00       | N/A     | ppb   |
| Lithium    | 6-1   |         |         |         | 100        |         | %     |
| Magnesium  | 24-2  | 3.20    | -0.91   | -2.28   | 0.00       | N/A     | ppb   |
| Manganese  | 55-2  | 0.07    | -0.07   | 0.00    | 0.00       | N/A     | ppb   |



|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB92809             | Operator :        | Jaswal    |
| Lab Sample ID :         | S00                 | Instrumnet Name : | P8        |
| Client Sample ID :      | S00                 | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2018-01-22 13:36:39 | DataFile Name :   | 003CALB.d |

| Parameter  | Mass  | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|------------|-------|---------|---------|---------|------------|---------|-------|
| Molybdenum | 94-1  | 0.00    | 0.01    | -0.01   | 0.00       | N/A     | ppb   |
| Molybdenum | 95-1  | 0.00    | 0.00    | 0.00    | 0.00       | N/A     | ppb   |
| Molybdenum | 96-1  | 0.00    | 0.00    | 0.00    | 0.00       | N/A     | ppb   |
| Molybdenum | 97-1  | 0.00    | 0.00    | 0.00    | 0.00       | N/A     | ppb   |
| Molybdenum | 98-1  | -0.01   | 0.00    | 0.01    | 0.00       | N/A     | ppb   |
| Neodymium  | 150-1 |         |         |         |            |         | cps   |
| Neodymium  | 150-2 |         |         |         |            |         | cps   |
| Nickel     | 60-2  | -0.09   | 0.14    | -0.05   | 0.00       | N/A     | ppb   |
| Phosphorus | 31-2  | -4.97   | -4.97   | -4.97   | -4.97      |         | ppb   |
| Potassium  | 39-2  | 9.82    | -2.72   | -7.10   | 0.00       | N/A     | ppb   |
| Rhodium    | 103-1 |         |         |         | 100        |         | %     |
| Rhodium    | 103-2 |         |         |         | 100        |         | %     |
| Scandium   | 45-1  |         |         |         | 100        |         | %     |
| Scandium   | 45-2  |         |         |         | 100        |         | %     |
| Selenium   | 77-2  | 0.00    | 0.00    | 0.00    | 0.00       | N/A     | ppb   |
| Selenium   | 78-2  | 0.39    | -0.77   | 0.38    | 0.00       | N/A     | ppb   |
| Selenium   | 82-1  | 0.28    | -0.04   | -0.24   | 0.00       | N/A     | ppb   |
| Silicon    | 28-1  | 0.50    | -0.67   | 0.17    | 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  | 3.43    | -0.28   | -3.15   | 0.00       | N/A     | ppb   |
| Strontium  | 86-1  | -0.02   | -0.01   | 0.03    | 0.00       | N/A     | ppb   |
| Strontium  | 88-1  | 0.00    | 0.00    | 0.00    | 0.00       | N/A     | ppb   |
| Sulfur     | 34-1  | 29.74   | 151.80  | 5.21    | 62.25      | 126.13  | ppb   |
| Terbium    | 159-1 |         |         |         | 100        |         | %     |
| Terbium    | 159-2 |         |         |         | 100        |         | %     |
| Thallium   | 203-1 | 0.00    | 0.00    | 0.01    | 0.00       | N/A     | ppb   |
| Thallium   | 205-1 | 0.00    | -0.01   | 0.00    | 0.00       | N/A     | ppb   |
| Tin        | 118-1 | 0.00    | -0.01   | 0.01    | 0.00       | N/A     | ppb   |
| Titanium   | 47-1  | -0.03   | 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  | -0.01   | 0.01    | 0.00    | 0.00       | N/A     | ppb   |
| Yttrium    | 89-1  |         |         |         | 100        |         | %     |
| Yttrium    | 89-2  |         |         |         | 100        |         | %     |
| Zinc       | 66-2  | 0.04    | -0.03   | 0.00    | 0.00       | N/A     | ppb   |
| Zirconium  | 90-1  | -0.01   | 0.00    | 0.01    | 0.00       | N/A     | ppb   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB92809             | Operator :        | Jaswal    |
| Lab Sample ID :         | S00                 | Instrumnet Name : | P8        |
| Client Sample ID :      | S00                 | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2018-01-22 13:36:39 | DataFile Name :   | 003CALB.d |

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

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB92809             | Operator :        | Jaswal    |
| Lab Sample ID :         | S02                 | Instrumnet Name : | P8        |
| Client Sample ID :      | S02                 | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2018-01-22 13:43:43 | DataFile Name :   | 005CALS.d |

| Parameter  | Mass  | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|------------|-------|---------|---------|---------|------------|---------|-------|
| Aluminium  | 27-2  | 15.95   | 15.53   | 17.90   | 16.46      | 7.67    | ppb   |
| Antimony   | 121-1 | 1.97    | 1.89    | 1.93    | 1.93       | 2.18    | ppb   |
| Arsenic    | 75-2  | 0.93    | 0.98    | 0.94    | 0.95       | 2.98    | ppb   |
| Barium     | 135-1 | 9.55    | 9.39    | 9.57    | 9.51       | 1.02    | ppb   |
| Barium     | 137-1 | 9.72    | 9.22    | 9.62    | 9.52       | 2.75    | ppb   |
| Beryllium  | 9-1   | 1.18    | 0.96    | 1.05    | 1.06       | 10.45   | ppb   |
| Bismuth    | 209-1 |         |         |         | 100        |         | %     |
| Bismuth    | 209-2 |         |         |         | 101        |         | %     |
| Boron      | 10-1  | 19.72   | 19.63   | 24.54   | 21.30      | 13.18   | ppb   |
| Boron      | 11-1  | 21.31   | 21.20   | 22.85   | 21.78      | 4.25    | ppb   |
| Cadmium    | 111-1 | 0.99    | 0.96    | 1.02    | 0.99       | 3.04    | ppb   |
| Cadmium    | 106-1 | 1.10    | 1.26    | 0.92    | 1.09       | 15.33   | ppb   |
| Cadmium    | 108-1 | 0.71    | 1.29    | 0.87    | 0.96       | 31.56   | ppb   |
| Calcium    | 43-1  | 450.58  | 418.35  | 406.42  | 425.12     | 5.37    | ppb   |
| Calcium    | 44-1  | 441.80  | 443.19  | 441.98  | 442.32     | 0.17    | ppb   |
| Chromium   | 52-2  | 1.89    | 1.96    | 1.95    | 1.93       | 1.97    | ppb   |
| Cobalt     | 59-2  | 0.97    | 0.96    | 0.98    | 0.97       | 0.81    | ppb   |
| Copper     | 63-2  | 1.88    | 1.82    | 1.94    | 1.88       | 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 |         |         |         | 100        |         | %     |
| Holmium    | 165-2 |         |         |         | 100        |         | %     |
| Indium     | 115-1 |         |         |         | 100        |         | %     |
| Indium     | 115-2 |         |         |         | 101        |         | %     |
| Iron       | 56-2  | 46.77   | 45.75   | 47.82   | 46.78      | 2.22    | ppb   |
| Iron       | 57-2  | 49.74   | 44.35   | 35.81   | 43.30      | 16.22   | ppb   |
| Lead       | 206-1 | 0.97    | 0.95    | 0.91    | 0.94       | 3.70    | ppb   |
| Lead       | 207-1 | 0.96    | 0.90    | 0.90    | 0.92       | 3.45    | ppb   |
| Lead       | 208-1 | 0.94    | 0.94    | 0.93    | 0.94       | 0.81    | ppb   |
| Lithium    | 6-1   |         |         |         | 101        |         | %     |
| Magnesium  | 24-2  | 438.07  | 459.73  | 479.97  | 459.26     | 4.56    | ppb   |
| Manganese  | 55-2  | 0.76    | 0.88    | 1.24    | 0.96       | 26.00   | ppb   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB92809             | Operator :        | Jaswal    |
| Lab Sample ID :         | S02                 | Instrumnet Name : | P8        |
| Client Sample ID :      | S02                 | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2018-01-22 13:43:43 | DataFile Name :   | 005CALS.d |

| Parameter  | Mass  | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|------------|-------|---------|---------|---------|------------|---------|-------|
| Molybdenum | 94-1  | 4.87    | 4.65    | 4.93    | 4.82       | 2.99    | ppb   |
| Molybdenum | 95-1  | 4.81    | 4.70    | 4.89    | 4.80       | 2.00    | ppb   |
| Molybdenum | 96-1  | 4.75    | 4.69    | 4.58    | 4.67       | 1.91    | ppb   |
| Molybdenum | 97-1  | 4.40    | 4.44    | 4.71    | 4.52       | 3.67    | ppb   |
| Molybdenum | 98-1  | 4.51    | 4.44    | 4.64    | 4.53       | 2.32    | ppb   |
| Neodymium  | 150-1 |         |         |         |            |         | cps   |
| Neodymium  | 150-2 |         |         |         |            |         | cps   |
| Nickel     | 60-2  | 1.04    | 1.02    | 1.02    | 1.03       | 1.04    | ppb   |
| Phosphorus | 31-2  | -4.97   | 24.87   | -4.97   | 4.97       | 346.41  | ppb   |
| Potassium  | 39-2  | 476.59  | 433.77  | 423.12  | 444.49     | 6.37    | ppb   |
| Rhodium    | 103-1 |         |         |         | 100        |         | %     |
| Rhodium    | 103-2 |         |         |         | 100        |         | %     |
| Scandium   | 45-1  |         |         |         | 100        |         | %     |
| Scandium   | 45-2  |         |         |         | 99         |         | %     |
| Selenium   | 77-2  | 7.08    | 35.48   | 0.00    | 14.19      | 132.37  | ppb   |
| Selenium   | 78-2  | 4.98    | 4.98    | 6.17    | 5.38       | 12.83   | ppb   |
| Selenium   | 82-1  | 5.07    | 5.05    | 4.36    | 4.83       | 8.39    | ppb   |
| Silicon    | 28-1  | 12.74   | 14.67   | 16.12   | 14.51      | 11.70   | ppb   |
| Silver     | 109-1 | 0.99    | 1.02    | 0.98    | 1.00       | 1.88    | ppb   |
| Silver     | 107-1 | 1.02    | 1.01    | 0.96    | 1.00       | 3.33    | ppb   |
| Sodium     | 23-2  | 463.76  | 446.73  | 456.62  | 455.70     | 1.88    | ppb   |
| Strontium  | 86-1  | 0.94    | 1.01    | 0.93    | 0.96       | 4.55    | ppb   |
| Strontium  | 88-1  | 0.99    | 0.89    | 0.99    | 0.96       | 6.06    | ppb   |
| Sulfur     | 34-1  | -73.37  | -307.12 | 193.74  | -62.25     |         | ppb   |
| Terbium    | 159-1 |         |         |         | 100        |         | %     |
| Terbium    | 159-2 |         |         |         | 100        |         | %     |
| Thallium   | 203-1 | 0.96    | 0.90    | 0.95    | 0.94       | 3.81    | ppb   |
| Thallium   | 205-1 | 0.91    | 0.96    | 0.92    | 0.93       | 2.62    | ppb   |
| Tin        | 118-1 | 4.75    | 4.74    | 4.68    | 4.72       | 0.83    | ppb   |
| Titanium   | 47-1  | 4.23    | 4.30    | 5.22    | 4.58       | 12.04   | ppb   |
| Uranium    | 238-1 | 0.94    | 0.84    | 0.87    | 0.88       | 5.48    | ppb   |
| Vanadium   | 51-2  | 4.67    | 4.64    | 4.53    | 4.61       | 1.63    | ppb   |
| Yttrium    | 89-1  |         |         |         | 100        |         | %     |
| Yttrium    | 89-2  |         |         |         | 100        |         | %     |
| Zinc       | 66-2  | 2.19    | 1.82    | 1.80    | 1.93       | 11.52   | ppb   |
| Zirconium  | 90-1  | 0.95    | 0.90    | 0.95    | 0.93       | 3.25    | ppb   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB92809             | Operator :        | Jaswal    |
| Lab Sample ID :         | S02                 | Instrumnet Name : | P8        |
| Client Sample ID :      | S02                 | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2018-01-22 13:43:43 | DataFile Name :   | 005CALS.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|-----------|------|---------|---------|---------|------------|---------|-------|
| Zirconium | 91-1 | 0.99    | 0.92    | 0.94    | 0.95       | 3.74    | ppb   |

|                         |                     |                   |            |
|-------------------------|---------------------|-------------------|------------|
| LB Number :             | LB92809             | Operator :        | Jaswal     |
| Lab Sample ID :         | S03                 | Instrumnet Name : | P8         |
| Client Sample ID :      | S03                 | Dilution Factor : | 1          |
| Date & Time Acquired :: | 2018-01-22 13:47:14 | DataFile Name :   | 006CAL.S.d |

| Parameter  | Mass  | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|------------|-------|---------|---------|---------|------------|---------|-------|
| Aluminium  | 27-2  | 994.63  | 1004.14 | 1012.30 | 1003.69    | 0.88    | ppb   |
| Antimony   | 121-1 | 51.85   | 52.04   | 51.80   | 51.90      | 0.24    | ppb   |
| Arsenic    | 75-2  | 51.89   | 50.45   | 50.94   | 51.10      | 1.43    | ppb   |
| Barium     | 135-1 | 257.56  | 258.44  | 258.53  | 258.18     | 0.21    | ppb   |
| Barium     | 137-1 | 258.91  | 262.22  | 261.49  | 260.87     | 0.67    | ppb   |
| Beryllium  | 9-1   | 53.44   | 54.42   | 52.38   | 53.41      | 1.91    | ppb   |
| Bismuth    | 209-1 |         |         |         | 102        |         | %     |
| Bismuth    | 209-2 |         |         |         | 101        |         | %     |
| Boron      | 10-1  | 45.46   | 45.80   | 49.56   | 46.94      | 4.85    | ppb   |
| Boron      | 11-1  | 48.85   | 48.66   | 49.89   | 49.13      | 1.35    | ppb   |
| Cadmium    | 111-1 | 53.62   | 53.77   | 52.87   | 53.42      | 0.90    | ppb   |
| Cadmium    | 106-1 | 54.39   | 55.21   | 55.05   | 54.88      | 0.79    | ppb   |
| Cadmium    | 108-1 | 53.16   | 53.95   | 55.28   | 54.13      | 1.97    | ppb   |
| Calcium    | 43-1  | 4935.38 | 4936.42 | 5000.09 | 4957.30    | 0.75    | ppb   |
| Calcium    | 44-1  | 5027.29 | 4930.84 | 4890.83 | 4949.65    | 1.42    | ppb   |
| Chromium   | 52-2  | 49.63   | 50.69   | 51.32   | 50.55      | 1.68    | ppb   |
| Cobalt     | 59-2  | 50.06   | 50.44   | 50.43   | 50.31      | 0.43    | ppb   |
| Copper     | 63-2  | 98.92   | 100.95  | 101.01  | 100.29     | 1.19    | ppb   |
| Dysprosium | 156-1 |         |         |         |            |         | cps   |
| Dysprosium | 156-2 |         |         |         |            |         | cps   |
| Erbium     | 164-1 |         |         |         |            |         | cps   |
| Erbium     | 164-2 |         |         |         |            |         | cps   |
| Gadolinium | 160-1 |         |         |         |            |         | cps   |
| Gadolinium | 160-2 |         |         |         |            |         | cps   |
| Holmium    | 165-1 |         |         |         | 102        |         | %     |
| Holmium    | 165-2 |         |         |         | 101        |         | %     |
| Indium     | 115-1 |         |         |         | 101        |         | %     |
| Indium     | 115-2 |         |         |         | 99         |         | %     |
| Iron       | 56-2  | 2456.94 | 2515.76 | 2521.13 | 2497.94    | 1.43    | ppb   |
| Iron       | 57-2  | 2383.60 | 2491.05 | 2447.48 | 2440.71    | 2.21    | ppb   |
| Lead       | 206-1 | 50.21   | 50.70   | 49.07   | 49.99      | 1.68    | ppb   |
| Lead       | 207-1 | 48.99   | 50.36   | 48.79   | 49.38      | 1.74    | ppb   |
| Lead       | 208-1 | 49.65   | 50.04   | 49.09   | 49.59      | 0.97    | ppb   |
| Lithium    | 6-1   |         |         |         | 102        |         | %     |
| Magnesium  | 24-2  | 4895.35 | 5036.35 | 5012.82 | 4981.51    | 1.52    | ppb   |
| Manganese  | 55-2  | 100.52  | 102.60  | 100.77  | 101.30     | 1.12    | ppb   |

|                         |                     |                   |            |
|-------------------------|---------------------|-------------------|------------|
| LB Number :             | LB92809             | Operator :        | Jaswal     |
| Lab Sample ID :         | S03                 | Instrumnet Name : | P8         |
| Client Sample ID :      | S03                 | Dilution Factor : | 1          |
| Date & Time Acquired :: | 2018-01-22 13:47:14 | DataFile Name :   | 006CAL.S.d |

| Parameter  | Mass  | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|------------|-------|---------|---------|---------|------------|---------|-------|
| Molybdenum | 94-1  | 251.44  | 253.91  | 249.88  | 251.74     | 0.81    | ppb   |
| Molybdenum | 95-1  | 249.78  | 252.71  | 246.97  | 249.82     | 1.15    | ppb   |
| Molybdenum | 96-1  | 245.84  | 251.80  | 247.82  | 248.49     | 1.22    | ppb   |
| Molybdenum | 97-1  | 244.80  | 247.87  | 242.85  | 245.17     | 1.03    | ppb   |
| Molybdenum | 98-1  | 246.17  | 250.22  | 247.02  | 247.80     | 0.86    | ppb   |
| Neodymium  | 150-1 |         |         |         |            |         | cps   |
| Neodymium  | 150-2 |         |         |         |            |         | cps   |
| Nickel     | 60-2  | 49.28   | 51.60   | 51.53   | 50.80      | 2.59    | ppb   |
| Phosphorus | 31-2  | 1079.99 | 963.80  | 993.47  | 1012.42    | 5.96    | ppb   |
| Potassium  | 39-2  | 2448.20 | 2654.37 | 2481.16 | 2527.91    | 4.38    | ppb   |
| Rhodium    | 103-1 |         |         |         | 100        |         | %     |
| Rhodium    | 103-2 |         |         |         | 100        |         | %     |
| Scandium   | 45-1  |         |         |         | 101        |         | %     |
| Scandium   | 45-2  |         |         |         | 98         |         | %     |
| Selenium   | 77-2  | 14.22   | 50.12   | 79.66   | 48.00      | 68.27   | ppb   |
| Selenium   | 78-2  | 44.19   | 44.52   | 40.34   | 43.02      | 5.41    | ppb   |
| Selenium   | 82-1  | 52.79   | 53.12   | 52.16   | 52.69      | 0.92    | ppb   |
| Silicon    | 28-1  | 59.13   | 57.38   | 57.42   | 57.98      | 1.72    | ppb   |
| Silver     | 109-1 | 53.89   | 53.83   | 53.02   | 53.58      | 0.91    | ppb   |
| Silver     | 107-1 | 54.30   | 54.25   | 54.14   | 54.23      | 0.15    | ppb   |
| Sodium     | 23-2  | 4898.98 | 4994.82 | 5012.67 | 4968.82    | 1.23    | ppb   |
| Strontium  | 86-1  | 50.67   | 49.03   | 49.64   | 49.78      | 1.66    | ppb   |
| Strontium  | 88-1  | 50.71   | 50.84   | 50.18   | 50.58      | 0.69    | ppb   |
| Sulfur     | 34-1  | 1165.74 | 992.92  | 739.93  | 966.20     | 22.16   | ppb   |
| Terbium    | 159-1 |         |         |         | 101        |         | %     |
| Terbium    | 159-2 |         |         |         | 101        |         | %     |
| Thallium   | 203-1 | 49.64   | 50.65   | 49.25   | 49.85      | 1.44    | ppb   |
| Thallium   | 205-1 | 49.94   | 50.83   | 49.65   | 50.14      | 1.23    | ppb   |
| Tin        | 118-1 | 51.54   | 52.39   | 51.87   | 51.93      | 0.83    | ppb   |
| Titanium   | 47-1  | 251.58  | 255.47  | 253.27  | 253.44     | 0.77    | ppb   |
| Uranium    | 238-1 | 48.62   | 49.33   | 48.17   | 48.71      | 1.20    | ppb   |
| Vanadium   | 51-2  | 49.68   | 51.26   | 49.24   | 50.06      | 2.13    | ppb   |
| Yttrium    | 89-1  |         |         |         | 102        |         | %     |
| Yttrium    | 89-2  |         |         |         | 100        |         | %     |
| Zinc       | 66-2  | 101.33  | 102.40  | 101.83  | 101.85     | 0.52    | ppb   |
| Zirconium  | 90-1  | 49.93   | 50.56   | 49.86   | 50.12      | 0.77    | ppb   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB92809             | Operator :        | Jaswal    |
| Lab Sample ID :         | S03                 | Instrumnet Name : | P8        |
| Client Sample ID :      | S03                 | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2018-01-22 13:47:14 | DataFile Name :   | 006CALS.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|-----------|------|---------|---------|---------|------------|---------|-------|
| Zirconium | 91-1 | 48.86   | 49.68   | 49.14   | 49.23      | 0.85    | ppb   |



|                         |                     |                   |            |
|-------------------------|---------------------|-------------------|------------|
| LB Number :             | LB92809             | Operator :        | Jaswal     |
| Lab Sample ID :         | S04                 | Instrumnet Name : | P8         |
| Client Sample ID :      | S04                 | Dilution Factor : | 1          |
| Date & Time Acquired :: | 2018-01-22 13:50:45 | DataFile Name :   | 007CAL.S.d |

| Parameter  | Mass  | ConRep1  | ConRep2  | ConRep3  | Avg. Conc. | ConcRSD | Units |
|------------|-------|----------|----------|----------|------------|---------|-------|
| Aluminium  | 27-2  | 2349.05  | 2420.69  | 2379.69  | 2383.15    | 1.51    | ppb   |
| Antimony   | 121-1 | 129.03   | 126.74   | 128.60   | 128.12     | 0.95    | ppb   |
| Arsenic    | 75-2  | 126.98   | 126.03   | 127.59   | 126.87     | 0.62    | ppb   |
| Barium     | 135-1 | 645.55   | 634.93   | 646.53   | 642.34     | 1.00    | ppb   |
| Barium     | 137-1 | 657.41   | 646.42   | 660.44   | 654.75     | 1.13    | ppb   |
| Beryllium  | 9-1   | 130.72   | 130.15   | 131.66   | 130.84     | 0.58    | ppb   |
| Bismuth    | 209-1 |          |          |          | 102        |         | %     |
| Bismuth    | 209-2 |          |          |          | 100        |         | %     |
| Boron      | 10-1  | 122.99   | 124.66   | 122.04   | 123.23     | 1.07    | ppb   |
| Boron      | 11-1  | 119.74   | 124.84   | 126.08   | 123.56     | 2.72    | ppb   |
| Cadmium    | 111-1 | 131.51   | 128.93   | 130.80   | 130.42     | 1.02    | ppb   |
| Cadmium    | 106-1 | 129.86   | 124.86   | 128.52   | 127.74     | 2.03    | ppb   |
| Cadmium    | 108-1 | 130.02   | 128.17   | 130.11   | 129.43     | 0.84    | ppb   |
| Calcium    | 43-1  | 11950.02 | 12329.53 | 12191.65 | 12157.07   | 1.58    | ppb   |
| Calcium    | 44-1  | 12002.38 | 12289.22 | 12248.69 | 12180.09   | 1.27    | ppb   |
| Chromium   | 52-2  | 120.86   | 126.51   | 124.15   | 123.84     | 2.29    | ppb   |
| Cobalt     | 59-2  | 123.94   | 125.76   | 126.21   | 125.30     | 0.96    | ppb   |
| Copper     | 63-2  | 247.08   | 252.13   | 250.14   | 249.78     | 1.02    | ppb   |
| Dysprosium | 156-1 |          |          |          |            |         | cps   |
| Dysprosium | 156-2 |          |          |          |            |         | cps   |
| Erbium     | 164-1 |          |          |          |            |         | cps   |
| Erbium     | 164-2 |          |          |          |            |         | cps   |
| Gadolinium | 160-1 |          |          |          |            |         | cps   |
| Gadolinium | 160-2 |          |          |          |            |         | cps   |
| Holmium    | 165-1 |          |          |          | 102        |         | %     |
| Holmium    | 165-2 |          |          |          | 101        |         | %     |
| Indium     | 115-1 |          |          |          | 101        |         | %     |
| Indium     | 115-2 |          |          |          | 98         |         | %     |
| Iron       | 56-2  | 6258.85  | 6286.22  | 6286.55  | 6277.21    | 0.25    | ppb   |
| Iron       | 57-2  | 5952.51  | 6162.88  | 6062.13  | 6059.17    | 1.74    | ppb   |
| Lead       | 206-1 | 125.07   | 124.22   | 126.14   | 125.14     | 0.77    | ppb   |
| Lead       | 207-1 | 123.24   | 123.82   | 123.84   | 123.63     | 0.28    | ppb   |
| Lead       | 208-1 | 124.44   | 124.16   | 124.34   | 124.32     | 0.11    | ppb   |
| Lithium    | 6-1   |          |          |          | 100        |         | %     |
| Magnesium  | 24-2  | 12119.33 | 12280.52 | 12161.64 | 12187.16   | 0.69    | ppb   |
| Manganese  | 55-2  | 248.88   | 253.98   | 252.96   | 251.94     | 1.07    | ppb   |

|                         |                     |                   |            |
|-------------------------|---------------------|-------------------|------------|
| LB Number :             | LB92809             | Operator :        | Jaswal     |
| Lab Sample ID :         | S04                 | Instrumnet Name : | P8         |
| Client Sample ID :      | S04                 | Dilution Factor : | 1          |
| Date & Time Acquired :: | 2018-01-22 13:50:45 | DataFile Name :   | 007CAL.S.d |

| Parameter  | Mass  | ConRep1  | ConRep2  | ConRep3  | Avg. Conc. | ConcRSD | Units |
|------------|-------|----------|----------|----------|------------|---------|-------|
| Molybdenum | 94-1  | 636.65   | 640.87   | 644.52   | 640.68     | 0.61    | ppb   |
| Molybdenum | 95-1  | 641.87   | 634.11   | 642.85   | 639.61     | 0.75    | ppb   |
| Molybdenum | 96-1  | 636.82   | 636.98   | 650.06   | 641.29     | 1.19    | ppb   |
| Molybdenum | 97-1  | 618.57   | 612.69   | 620.71   | 617.32     | 0.67    | ppb   |
| Molybdenum | 98-1  | 627.87   | 630.35   | 640.68   | 632.96     | 1.07    | ppb   |
| Neodymium  | 150-1 |          |          |          |            |         | cps   |
| Neodymium  | 150-2 |          |          |          |            |         | cps   |
| Nickel     | 60-2  | 123.18   | 127.36   | 127.70   | 126.08     | 2.00    | ppb   |
| Phosphorus | 31-2  | 2805.55  | 2543.66  | 2499.61  | 2616.27    | 6.32    | ppb   |
| Potassium  | 39-2  | 5960.99  | 6194.05  | 6157.58  | 6104.21    | 2.05    | ppb   |
| Rhodium    | 103-1 |          |          |          | 99         |         | %     |
| Rhodium    | 103-2 |          |          |          | 98         |         | %     |
| Scandium   | 45-1  |          |          |          | 100        |         | %     |
| Scandium   | 45-2  |          |          |          | 96         |         | %     |
| Selenium   | 77-2  | 94.57    | 101.51   | 123.42   | 106.50     | 14.14   | ppb   |
| Selenium   | 78-2  | 111.32   | 136.82   | 128.75   | 125.63     | 10.37   | ppb   |
| Selenium   | 82-1  | 127.87   | 128.50   | 126.69   | 127.69     | 0.72    | ppb   |
| Silicon    | 28-1  | 147.99   | 151.02   | 151.07   | 150.03     | 1.17    | ppb   |
| Silver     | 109-1 | 132.24   | 130.30   | 130.89   | 131.14     | 0.76    | ppb   |
| Silver     | 107-1 | 132.95   | 130.99   | 133.43   | 132.46     | 0.97    | ppb   |
| Sodium     | 23-2  | 12078.23 | 12385.54 | 12340.31 | 12268.03   | 1.35    | ppb   |
| Strontium  | 86-1  | 122.46   | 125.95   | 124.92   | 124.44     | 1.44    | ppb   |
| Strontium  | 88-1  | 126.96   | 128.27   | 128.92   | 128.05     | 0.78    | ppb   |
| Sulfur     | 34-1  | 2266.41  | 2408.78  | 2371.75  | 2348.98    | 3.14    | ppb   |
| Terbium    | 159-1 |          |          |          | 102        |         | %     |
| Terbium    | 159-2 |          |          |          | 101        |         | %     |
| Thallium   | 203-1 | 124.86   | 123.46   | 126.08   | 124.80     | 1.05    | ppb   |
| Thallium   | 205-1 | 128.42   | 127.74   | 128.23   | 128.13     | 0.27    | ppb   |
| Tin        | 118-1 | 128.38   | 125.87   | 129.04   | 127.76     | 1.31    | ppb   |
| Titanium   | 47-1  | 621.26   | 623.22   | 625.97   | 623.48     | 0.38    | ppb   |
| Uranium    | 238-1 | 124.85   | 124.74   | 125.66   | 125.08     | 0.40    | ppb   |
| Vanadium   | 51-2  | 123.72   | 125.72   | 125.38   | 124.94     | 0.86    | ppb   |
| Yttrium    | 89-1  |          |          |          | 101        |         | %     |
| Yttrium    | 89-2  |          |          |          | 98         |         | %     |
| Zinc       | 66-2  | 244.78   | 251.30   | 252.34   | 249.47     | 1.64    | ppb   |
| Zirconium  | 90-1  | 125.57   | 126.30   | 125.73   | 125.87     | 0.31    | ppb   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB92809             | Operator :        | Jaswal    |
| Lab Sample ID :         | S04                 | Instrumnet Name : | P8        |
| Client Sample ID :      | S04                 | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2018-01-22 13:50:45 | DataFile Name :   | 007CALS.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|-----------|------|---------|---------|---------|------------|---------|-------|
| Zirconium | 91-1 | 122.20  | 123.96  | 125.75  | 123.97     | 1.43    | ppb   |

|                         |                     |                   |            |
|-------------------------|---------------------|-------------------|------------|
| LB Number :             | LB92809             | Operator :        | Jaswal     |
| Lab Sample ID :         | S05                 | Instrumnet Name : | P8         |
| Client Sample ID :      | S05                 | Dilution Factor : | 1          |
| Date & Time Acquired :: | 2018-01-22 13:54:10 | DataFile Name :   | 008CAL.S.d |

| Parameter  | Mass  | ConRep1  | ConRep2  | ConRep3  | Avg. Conc. | ConcRSD | Units |
|------------|-------|----------|----------|----------|------------|---------|-------|
| Aluminium  | 27-2  | 5072.53  | 4847.90  | 4665.87  | 4862.10    | 4.19    | ppb   |
| Antimony   | 121-1 | 260.77   | 259.64   | 260.80   | 260.40     | 0.25    | ppb   |
| Arsenic    | 75-2  | 276.27   | 252.74   | 241.25   | 256.75     | 6.95    | ppb   |
| Barium     | 135-1 | 1283.52  | 1300.69  | 1283.83  | 1289.35    | 0.76    | ppb   |
| Barium     | 137-1 | 1272.60  | 1287.35  | 1293.00  | 1284.32    | 0.82    | ppb   |
| Beryllium  | 9-1   | 257.64   | 256.09   | 258.71   | 257.48     | 0.51    | ppb   |
| Bismuth    | 209-1 |          |          |          | 103        |         | %     |
| Bismuth    | 209-2 |          |          |          | 96         |         | %     |
| Boron      | 10-1  | 245.12   | 246.67   | 257.71   | 249.83     | 2.75    | ppb   |
| Boron      | 11-1  | 245.20   | 246.81   | 250.04   | 247.35     | 1.00    | ppb   |
| Cadmium    | 111-1 | 256.50   | 259.01   | 259.24   | 258.25     | 0.59    | ppb   |
| Cadmium    | 106-1 | 254.30   | 264.98   | 256.25   | 258.51     | 2.20    | ppb   |
| Cadmium    | 108-1 | 254.88   | 247.70   | 257.60   | 253.39     | 2.02    | ppb   |
| Calcium    | 43-1  | 24151.24 | 24668.23 | 24222.68 | 24347.39   | 1.15    | ppb   |
| Calcium    | 44-1  | 24004.46 | 24445.46 | 23958.07 | 24136.00   | 1.11    | ppb   |
| Chromium   | 52-2  | 275.52   | 244.41   | 246.98   | 255.64     | 6.75    | ppb   |
| Cobalt     | 59-2  | 276.52   | 247.88   | 247.63   | 257.34     | 6.45    | ppb   |
| Copper     | 63-2  | 548.06   | 493.91   | 497.45   | 513.14     | 5.90    | ppb   |
| Dysprosium | 156-1 |          |          |          |            |         | cps   |
| Dysprosium | 156-2 |          |          |          |            |         | cps   |
| Erbium     | 164-1 |          |          |          |            |         | cps   |
| Erbium     | 164-2 |          |          |          |            |         | cps   |
| Gadolinium | 160-1 |          |          |          |            |         | cps   |
| Gadolinium | 160-2 |          |          |          |            |         | cps   |
| Holmium    | 165-1 |          |          |          | 104        |         | %     |
| Holmium    | 165-2 |          |          |          | 98         |         | %     |
| Indium     | 115-1 |          |          |          | 101        |         | %     |
| Indium     | 115-2 |          |          |          | 93         |         | %     |
| Iron       | 56-2  | 13666.59 | 12308.11 | 12183.54 | 12719.41   | 6.47    | ppb   |
| Iron       | 57-2  | 13318.77 | 11993.19 | 12091.77 | 12467.91   | 5.92    | ppb   |
| Lead       | 206-1 | 246.46   | 250.66   | 246.49   | 247.87     | 0.97    | ppb   |
| Lead       | 207-1 | 244.94   | 248.15   | 244.17   | 245.76     | 0.86    | ppb   |
| Lead       | 208-1 | 247.38   | 254.22   | 249.96   | 250.52     | 1.38    | ppb   |
| Lithium    | 6-1   |          |          |          | 99         |         | %     |
| Magnesium  | 24-2  | 26407.15 | 23865.18 | 23937.39 | 24736.57   | 5.85    | ppb   |
| Manganese  | 55-2  | 553.06   | 498.90   | 497.39   | 516.45     | 6.14    | ppb   |

|                         |                     |                   |            |
|-------------------------|---------------------|-------------------|------------|
| LB Number :             | LB92809             | Operator :        | Jaswal     |
| Lab Sample ID :         | S05                 | Instrumnet Name : | P8         |
| Client Sample ID :      | S05                 | Dilution Factor : | 1          |
| Date & Time Acquired :: | 2018-01-22 13:54:10 | DataFile Name :   | 008CAL.S.d |

| Parameter  | Mass  | ConRep1  | ConRep2  | ConRep3  | Avg. Conc. | ConcRSD | Units |
|------------|-------|----------|----------|----------|------------|---------|-------|
| Molybdenum | 94-1  | 1283.91  | 1272.71  | 1262.81  | 1273.14    | 0.83    | ppb   |
| Molybdenum | 95-1  | 1271.82  | 1266.22  | 1262.34  | 1266.79    | 0.38    | ppb   |
| Molybdenum | 96-1  | 1278.89  | 1270.00  | 1265.68  | 1271.52    | 0.53    | ppb   |
| Molybdenum | 97-1  | 1299.29  | 1267.23  | 1293.73  | 1286.75    | 1.33    | ppb   |
| Molybdenum | 98-1  | 1251.68  | 1251.04  | 1249.68  | 1250.80    | 0.08    | ppb   |
| Neodymium  | 150-1 |          |          |          |            |         | cps   |
| Neodymium  | 150-2 |          |          |          |            |         | cps   |
| Nickel     | 60-2  | 278.87   | 247.40   | 251.18   | 259.15     | 6.63    | ppb   |
| Phosphorus | 31-2  | 5499.56  | 5480.17  | 4773.38  | 5251.04    | 7.88    | ppb   |
| Potassium  | 39-2  | 13498.35 | 12153.29 | 12071.33 | 12574.32   | 6.37    | ppb   |
| Rhodium    | 103-1 |          |          |          | 98         |         | %     |
| Rhodium    | 103-2 |          |          |          | 94         |         | %     |
| Scandium   | 45-1  |          |          |          | 99         |         | %     |
| Scandium   | 45-2  |          |          |          | 91         |         | %     |
| Selenium   | 77-2  | 293.85   | 230.82   | 243.69   | 256.12     | 13.00   | ppb   |
| Selenium   | 78-2  | 305.05   | 262.48   | 260.32   | 275.95     | 9.14    | ppb   |
| Selenium   | 82-1  | 256.53   | 256.81   | 255.18   | 256.17     | 0.34    | ppb   |
| Silicon    | 28-1  | 265.23   | 273.04   | 263.88   | 267.39     | 1.85    | ppb   |
| Silver     | 109-1 | 262.46   | 265.29   | 269.38   | 265.71     | 1.31    | ppb   |
| Silver     | 107-1 | 262.45   | 268.93   | 268.43   | 266.60     | 1.35    | ppb   |
| Sodium     | 23-2  | 27627.87 | 24557.39 | 24623.19 | 25602.82   | 6.85    | ppb   |
| Strontium  | 86-1  | 248.19   | 246.83   | 249.73   | 248.25     | 0.59    | ppb   |
| Strontium  | 88-1  | 255.76   | 252.79   | 256.20   | 254.92     | 0.73    | ppb   |
| Sulfur     | 34-1  | 4685.40  | 4939.95  | 4632.75  | 4752.70    | 3.46    | ppb   |
| Terbium    | 159-1 |          |          |          | 103        |         | %     |
| Terbium    | 159-2 |          |          |          | 97         |         | %     |
| Thallium   | 203-1 | 246.36   | 253.78   | 248.11   | 249.42     | 1.56    | ppb   |
| Thallium   | 205-1 | 251.15   | 257.03   | 251.93   | 253.37     | 1.26    | ppb   |
| Tin        | 118-1 | 254.21   | 253.65   | 255.06   | 254.31     | 0.28    | ppb   |
| Titanium   | 47-1  | 1251.44  | 1265.46  | 1248.29  | 1255.06    | 0.73    | ppb   |
| Uranium    | 238-1 | 246.76   | 248.12   | 245.69   | 246.85     | 0.49    | ppb   |
| Vanadium   | 51-2  | 273.90   | 245.64   | 244.59   | 254.71     | 6.53    | ppb   |
| Yttrium    | 89-1  |          |          |          | 100        |         | %     |
| Yttrium    | 89-2  |          |          |          | 93         |         | %     |
| Zinc       | 66-2  | 548.55   | 488.02   | 494.82   | 510.46     | 6.50    | ppb   |
| Zirconium  | 90-1  | 255.39   | 253.88   | 255.45   | 254.91     | 0.35    | ppb   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB92809             | Operator :        | Jaswal    |
| Lab Sample ID :         | S05                 | Instrumnet Name : | P8        |
| Client Sample ID :      | S05                 | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2018-01-22 13:54:10 | DataFile Name :   | 008CALS.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|-----------|------|---------|---------|---------|------------|---------|-------|
| Zirconium | 91-1 | 248.25  | 246.42  | 245.45  | 246.71     | 0.58    | ppb   |

|                         |                     |                   |            |
|-------------------------|---------------------|-------------------|------------|
| LB Number :             | LB92809             | Operator :        | Jaswal     |
| Lab Sample ID :         | S06                 | Instrumnet Name : | P8         |
| Client Sample ID :      | S06                 | Dilution Factor : | 1          |
| Date & Time Acquired :: | 2018-01-22 13:57:30 | DataFile Name :   | 009CAL.S.d |

| Parameter  | Mass  | ConRep1  | ConRep2  | ConRep3  | Avg. Conc. | ConcRSD | Units |
|------------|-------|----------|----------|----------|------------|---------|-------|
| Aluminium  | 27-2  | 9546.08  | 9612.82  | 9527.68  | 9562.19    | 0.47    | ppb   |
| Antimony   | 121-1 | 513.55   | 499.53   | 514.84   | 509.31     | 1.67    | ppb   |
| Arsenic    | 75-2  | 490.96   | 495.27   | 494.06   | 493.43     | 0.45    | ppb   |
| Barium     | 135-1 | 2534.07  | 2511.69  | 2547.14  | 2530.97    | 0.71    | ppb   |
| Barium     | 137-1 | 2530.45  | 2487.06  | 2536.48  | 2517.99    | 1.07    | ppb   |
| Beryllium  | 9-1   | 510.21   | 506.17   | 506.93   | 507.77     | 0.42    | ppb   |
| Bismuth    | 209-1 |          |          |          | 103        |         | %     |
| Bismuth    | 209-2 |          |          |          | 97         |         | %     |
| Boron      | 10-1  | 493.19   | 487.48   | 509.67   | 496.78     | 2.32    | ppb   |
| Boron      | 11-1  | 486.56   | 497.62   | 511.12   | 498.43     | 2.47    | ppb   |
| Cadmium    | 111-1 | 506.83   | 502.80   | 510.72   | 506.78     | 0.78    | ppb   |
| Cadmium    | 106-1 | 509.63   | 497.34   | 513.93   | 506.97     | 1.70    | ppb   |
| Cadmium    | 108-1 | 506.50   | 508.99   | 511.95   | 509.15     | 0.54    | ppb   |
| Calcium    | 43-1  | 48652.65 | 48895.48 | 49205.18 | 48917.77   | 0.57    | ppb   |
| Calcium    | 44-1  | 48355.26 | 48233.40 | 48906.88 | 48498.51   | 0.74    | ppb   |
| Chromium   | 52-2  | 496.98   | 509.98   | 499.78   | 502.24     | 1.36    | ppb   |
| Cobalt     | 59-2  | 501.28   | 505.08   | 498.00   | 501.45     | 0.71    | ppb   |
| Copper     | 63-2  | 1003.48  | 1010.77  | 995.55   | 1003.27    | 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 |          |          |          | 103        |         | %     |
| Holmium    | 165-2 |          |          |          | 99         |         | %     |
| Indium     | 115-1 |          |          |          | 98         |         | %     |
| Indium     | 115-2 |          |          |          | 92         |         | %     |
| Iron       | 56-2  | 24680.40 | 25069.79 | 24529.69 | 24759.96   | 1.13    | ppb   |
| Iron       | 57-2  | 24372.89 | 24642.54 | 24010.56 | 24341.99   | 1.30    | ppb   |
| Lead       | 206-1 | 508.16   | 508.31   | 505.13   | 507.20     | 0.35    | ppb   |
| Lead       | 207-1 | 510.72   | 516.71   | 505.34   | 510.92     | 1.11    | ppb   |
| Lead       | 208-1 | 505.17   | 510.24   | 501.24   | 505.55     | 0.89    | ppb   |
| Lithium    | 6-1   |          |          |          | 96         |         | %     |
| Magnesium  | 24-2  | 48395.46 | 49154.68 | 47777.39 | 48442.51   | 1.42    | ppb   |
| Manganese  | 55-2  | 1008.33  | 1021.12  | 1000.22  | 1009.89    | 1.04    | ppb   |

|                         |                     |                   |            |
|-------------------------|---------------------|-------------------|------------|
| LB Number :             | LB92809             | Operator :        | Jaswal     |
| Lab Sample ID :         | S06                 | Instrumnet Name : | P8         |
| Client Sample ID :      | S06                 | Dilution Factor : | 1          |
| Date & Time Acquired :: | 2018-01-22 13:57:30 | DataFile Name :   | 009CAL.S.d |

| Parameter  | Mass  | ConRep1  | ConRep2  | ConRep3  | Avg. Conc. | ConcRSD | Units |
|------------|-------|----------|----------|----------|------------|---------|-------|
| Molybdenum | 94-1  | 2516.12  | 2532.54  | 2503.43  | 2517.36    | 0.58    | ppb   |
| Molybdenum | 95-1  | 2512.57  | 2477.21  | 2496.48  | 2495.42    | 0.71    | ppb   |
| Molybdenum | 96-1  | 2522.75  | 2504.25  | 2464.21  | 2497.07    | 1.20    | ppb   |
| Molybdenum | 97-1  | 2521.38  | 2498.51  | 2493.41  | 2504.43    | 0.59    | ppb   |
| Molybdenum | 98-1  | 2507.57  | 2484.36  | 2487.44  | 2493.12    | 0.51    | ppb   |
| Neodymium  | 150-1 |          |          |          |            |         | cps   |
| Neodymium  | 150-2 |          |          |          |            |         | cps   |
| Nickel     | 60-2  | 502.98   | 510.15   | 498.55   | 503.89     | 1.16    | ppb   |
| Phosphorus | 31-2  | 9804.17  | 9208.58  | 9974.33  | 9662.36    | 4.16    | ppb   |
| Potassium  | 39-2  | 23848.80 | 24183.26 | 23570.87 | 23867.64   | 1.28    | ppb   |
| Rhodium    | 103-1 |          |          |          | 96         |         | %     |
| Rhodium    | 103-2 |          |          |          | 94         |         | %     |
| Scandium   | 45-1  |          |          |          | 95         |         | %     |
| Scandium   | 45-2  |          |          |          | 87         |         | %     |
| Selenium   | 77-2  | 462.63   | 545.98   | 444.46   | 484.36     | 11.18   | ppb   |
| Selenium   | 78-2  | 498.20   | 452.11   | 489.93   | 480.08     | 5.12    | ppb   |
| Selenium   | 82-1  | 505.78   | 508.30   | 503.74   | 505.94     | 0.45    | ppb   |
| Silicon    | 28-1  | 518.44   | 526.10   | 530.35   | 524.96     | 1.15    | ppb   |
| Silver     | 109-1 | 516.64   | 508.22   | 519.26   | 514.71     | 1.12    | ppb   |
| Silver     | 107-1 | 520.30   | 514.55   | 514.80   | 516.55     | 0.63    | ppb   |
| Sodium     | 23-2  | 49273.73 | 50071.98 | 48650.31 | 49332.01   | 1.44    | ppb   |
| Strontium  | 86-1  | 492.28   | 494.16   | 492.08   | 492.84     | 0.23    | ppb   |
| Strontium  | 88-1  | 499.90   | 499.13   | 497.06   | 498.70     | 0.29    | ppb   |
| Sulfur     | 34-1  | 10121.51 | 9735.73  | 9878.23  | 9911.82    | 1.97    | ppb   |
| Terbium    | 159-1 |          |          |          | 103        |         | %     |
| Terbium    | 159-2 |          |          |          | 99         |         | %     |
| Thallium   | 203-1 | 508.30   | 506.78   | 500.88   | 505.32     | 0.78    | ppb   |
| Thallium   | 205-1 | 501.01   | 504.07   | 496.84   | 500.64     | 0.72    | ppb   |
| Tin        | 118-1 | 510.81   | 496.53   | 515.38   | 507.57     | 1.94    | ppb   |
| Titanium   | 47-1  | 2523.16  | 2535.59  | 2526.52  | 2528.42    | 0.25    | ppb   |
| Uranium    | 238-1 | 492.43   | 500.26   | 496.32   | 496.34     | 0.79    | ppb   |
| Vanadium   | 51-2  | 500.92   | 504.58   | 494.69   | 500.06     | 1.00    | ppb   |
| Yttrium    | 89-1  |          |          |          | 99         |         | %     |
| Yttrium    | 89-2  |          |          |          | 92         |         | %     |
| Zinc       | 66-2  | 997.80   | 1023.89  | 992.91   | 1004.86    | 1.66    | ppb   |
| Zirconium  | 90-1  | 503.47   | 505.06   | 498.23   | 502.25     | 0.71    | ppb   |



|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB92809             | Operator :        | Jaswal    |
| Lab Sample ID :         | S06                 | Instrumnet Name : | P8        |
| Client Sample ID :      | S06                 | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2018-01-22 13:57:30 | DataFile Name :   | 009CALS.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|-----------|------|---------|---------|---------|------------|---------|-------|
| Zirconium | 91-1 | 493.18  | 495.99  | 489.65  | 492.94     | 0.65    | ppb   |

|                         |                     |                   |            |
|-------------------------|---------------------|-------------------|------------|
| LB Number :             | LB92809             | Operator :        | Jaswal     |
| Lab Sample ID :         | S07                 | Instrumnet Name : | P8         |
| Client Sample ID :      | S07                 | Dilution Factor : | 1          |
| Date & Time Acquired :: | 2018-01-22 14:00:46 | DataFile Name :   | 010CAL.S.d |

| Parameter  | Mass  | ConRep1  | ConRep2  | ConRep3  | Avg. Conc. | ConcRSD | Units |
|------------|-------|----------|----------|----------|------------|---------|-------|
| Aluminium  | 27-2  | 18512.89 | 18702.62 | 18517.92 | 18577.81   | 0.58    | ppb   |
| Antimony   | 121-1 | 997.68   | 987.41   | 991.69   | 992.26     | 0.52    | ppb   |
| Arsenic    | 75-2  | 1017.63  | 990.98   | 995.32   | 1001.31    | 1.43    | ppb   |
| Barium     | 135-1 | 5008.19  | 4980.80  | 4927.33  | 4972.11    | 0.83    | ppb   |
| Barium     | 137-1 | 5007.58  | 4965.93  | 4960.97  | 4978.16    | 0.51    | ppb   |
| Beryllium  | 9-1   | 996.20   | 995.57   | 988.26   | 993.34     | 0.44    | ppb   |
| Bismuth    | 209-1 |          |          |          | 103        |         | %     |
| Bismuth    | 209-2 |          |          |          | 95         |         | %     |
| Boron      | 10-1  | 971.00   | 1019.92  | 1015.43  | 1002.12    | 2.70    | ppb   |
| Boron      | 11-1  | 986.54   | 1005.09  | 1013.62  | 1001.75    | 1.38    | ppb   |
| Cadmium    | 111-1 | 992.60   | 992.94   | 995.56   | 993.70     | 0.16    | ppb   |
| Cadmium    | 106-1 | 994.83   | 985.47   | 1001.10  | 993.80     | 0.79    | ppb   |
| Cadmium    | 108-1 | 995.65   | 997.42   | 988.39   | 993.82     | 0.48    | ppb   |
| Calcium    | 43-1  | 99767.67 | 98901.11 | 97710.02 | 98792.93   | 1.05    | ppb   |
| Calcium    | 44-1  | 97489.52 | 96149.14 | 95669.56 | 96436.07   | 0.98    | ppb   |
| Chromium   | 52-2  | 1001.85  | 993.83   | 997.08   | 997.59     | 0.40    | ppb   |
| Cobalt     | 59-2  | 1005.32  | 990.75   | 996.08   | 997.38     | 0.74    | ppb   |
| Copper     | 63-2  | 1996.96  | 1992.66  | 1995.66  | 1995.09    | 0.11    | ppb   |
| Dysprosium | 156-1 |          |          |          |            |         | cps   |
| Dysprosium | 156-2 |          |          |          |            |         | cps   |
| Erbium     | 164-1 |          |          |          |            |         | cps   |
| Erbium     | 164-2 |          |          |          |            |         | cps   |
| Gadolinium | 160-1 |          |          |          |            |         | cps   |
| Gadolinium | 160-2 |          |          |          |            |         | cps   |
| Holmium    | 165-1 |          |          |          | 105        |         | %     |
| Holmium    | 165-2 |          |          |          | 98         |         | %     |
| Indium     | 115-1 |          |          |          | 96         |         | %     |
| Indium     | 115-2 |          |          |          | 87         |         | %     |
| Iron       | 56-2  | 49882.31 | 48983.64 | 49583.67 | 49483.20   | 0.92    | ppb   |
| Iron       | 57-2  | 48534.23 | 48732.16 | 48786.37 | 48684.25   | 0.27    | ppb   |
| Lead       | 206-1 | 991.76   | 999.47   | 999.52   | 996.92     | 0.45    | ppb   |
| Lead       | 207-1 | 999.22   | 984.17   | 1004.01  | 995.80     | 1.04    | ppb   |
| Lead       | 208-1 | 997.67   | 991.73   | 1002.19  | 997.20     | 0.53    | ppb   |
| Lithium    | 6-1   |          |          |          | 93         |         | %     |
| Magnesium  | 24-2  | 97687.85 | 97283.27 | 97364.11 | 97445.08   | 0.22    | ppb   |
| Manganese  | 55-2  | 1994.45  | 1981.18  | 1996.27  | 1990.63    | 0.41    | ppb   |

|                         |                     |                   |            |
|-------------------------|---------------------|-------------------|------------|
| LB Number :             | LB92809             | Operator :        | Jaswal     |
| Lab Sample ID :         | S07                 | Instrumnet Name : | P8         |
| Client Sample ID :      | S07                 | Dilution Factor : | 1          |
| Date & Time Acquired :: | 2018-01-22 14:00:46 | DataFile Name :   | 010CAL.S.d |

| Parameter  | Mass  | ConRep1  | ConRep2  | ConRep3  | Avg. Conc. | ConcRSD | Units |
|------------|-------|----------|----------|----------|------------|---------|-------|
| Molybdenum | 94-1  | 4973.54  | 5027.55  | 4949.36  | 4983.49    | 0.80    | ppb   |
| Molybdenum | 95-1  | 4953.67  | 5041.04  | 4994.10  | 4996.27    | 0.88    | ppb   |
| Molybdenum | 96-1  | 5005.84  | 5022.94  | 4953.59  | 4994.12    | 0.72    | ppb   |
| Molybdenum | 97-1  | 5001.70  | 5027.40  | 4940.28  | 4989.80    | 0.90    | ppb   |
| Molybdenum | 98-1  | 4996.12  | 5055.60  | 4955.34  | 5002.35    | 1.01    | ppb   |
| Neodymium  | 150-1 |          |          |          |            |         | cps   |
| Neodymium  | 150-2 |          |          |          |            |         | cps   |
| Nickel     | 60-2  | 1001.19  | 986.56   | 999.02   | 995.59     | 0.79    | ppb   |
| Phosphorus | 31-2  | 20122.70 | 19709.29 | 20440.72 | 20090.91   | 1.83    | ppb   |
| Potassium  | 39-2  | 48177.75 | 47355.38 | 47449.52 | 47660.88   | 0.94    | ppb   |
| Rhodium    | 103-1 |          |          |          | 94         |         | %     |
| Rhodium    | 103-2 |          |          |          | 90         |         | %     |
| Scandium   | 45-1  |          |          |          | 93         |         | %     |
| Scandium   | 45-2  |          |          |          | 84         |         | %     |
| Selenium   | 77-2  | 1052.71  | 1066.54  | 906.72   | 1008.66    | 8.78    | ppb   |
| Selenium   | 78-2  | 1011.77  | 1005.91  | 993.53   | 1003.74    | 0.93    | ppb   |
| Selenium   | 82-1  | 988.43   | 1008.40  | 988.22   | 995.02     | 1.17    | ppb   |
| Silicon    | 28-1  | 980.47   | 978.57   | 979.76   | 979.60     | 0.10    | ppb   |
| Silver     | 109-1 | 985.46   | 992.63   | 985.23   | 987.77     | 0.43    | ppb   |
| Silver     | 107-1 | 990.96   | 991.97   | 976.38   | 986.43     | 0.88    | ppb   |
| Sodium     | 23-2  | 97073.47 | 96934.29 | 96629.63 | 96879.13   | 0.23    | ppb   |
| Strontium  | 86-1  | 1001.31  | 1010.20  | 1000.78  | 1004.10    | 0.53    | ppb   |
| Strontium  | 88-1  | 995.63   | 1007.45  | 993.95   | 999.01     | 0.74    | ppb   |
| Sulfur     | 34-1  | 20595.47 | 19856.13 | 19927.85 | 20126.48   | 2.03    | ppb   |
| Terbium    | 159-1 |          |          |          | 104        |         | %     |
| Terbium    | 159-2 |          |          |          | 97         |         | %     |
| Thallium   | 203-1 | 995.17   | 995.36   | 1002.03  | 997.52     | 0.39    | ppb   |
| Thallium   | 205-1 | 997.58   | 993.62   | 1004.12  | 998.44     | 0.53    | ppb   |
| Tin        | 118-1 | 996.40   | 1001.09  | 986.60   | 994.70     | 0.74    | ppb   |
| Titanium   | 47-1  | 5026.52  | 4956.90  | 4970.20  | 4984.54    | 0.74    | ppb   |
| Uranium    | 238-1 | 997.99   | 1004.14  | 1005.88  | 1002.67    | 0.41    | ppb   |
| Vanadium   | 51-2  | 999.80   | 994.60   | 1001.99  | 998.80     | 0.38    | ppb   |
| Yttrium    | 89-1  |          |          |          | 98         |         | %     |
| Yttrium    | 89-2  |          |          |          | 88         |         | %     |
| Zinc       | 66-2  | 2009.25  | 1994.37  | 1981.17  | 1994.93    | 0.70    | ppb   |
| Zirconium  | 90-1  | 990.80   | 1003.56  | 998.24   | 997.53     | 0.64    | ppb   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB92809             | Operator :        | Jaswal    |
| Lab Sample ID :         | S07                 | Instrumnet Name : | P8        |
| Client Sample ID :      | S07                 | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2018-01-22 14:00:46 | DataFile Name :   | 010CALS.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|-----------|------|---------|---------|---------|------------|---------|-------|
| Zirconium | 91-1 | 999.97  | 1007.60 | 1006.00 | 1004.52    | 0.40    | ppb   |

|                         |                     |                   |            |
|-------------------------|---------------------|-------------------|------------|
| LB Number :             | LB92809             | Operator :        | Jaswal     |
| Lab Sample ID :         | S08                 | Instrumnet Name : | P8         |
| Client Sample ID :      | S08                 | Dilution Factor : | 1          |
| Date & Time Acquired :: | 2018-01-22 14:03:59 | DataFile Name :   | 011CAL.S.d |

| Parameter  | Mass  | ConRep1   | ConRep2   | ConRep3   | Avg. Conc. | ConcRSD | Units |
|------------|-------|-----------|-----------|-----------|------------|---------|-------|
| Aluminium  | 27-2  | 98550.04  | 100779.63 | 101684.32 | 100338.00  | 1.61    | ppb   |
| Antimony   | 121-1 | 1.16      | 1.11      | 1.19      | 1.15       | 3.58    | ppb   |
| Arsenic    | 75-2  | 0.32      | 0.35      | 0.45      | 0.37       | 18.54   | ppb   |
| Barium     | 135-1 | 1.31      | 1.23      | 1.23      | 1.26       | 3.36    | ppb   |
| Barium     | 137-1 | 1.24      | 1.30      | 1.33      | 1.29       | 3.61    | ppb   |
| Beryllium  | 9-1   | 0.74      | 0.69      | 0.56      | 0.66       | 14.53   | ppb   |
| Bismuth    | 209-1 |           |           |           | 99         |         | %     |
| Bismuth    | 209-2 |           |           |           | 92         |         | %     |
| Boron      | 10-1  | 52.27     | 48.53     | 42.92     | 47.91      | 9.82    | ppb   |
| Boron      | 11-1  | 48.93     | 45.28     | 43.36     | 45.86      | 6.17    | ppb   |
| Cadmium    | 111-1 | 0.15      | 0.11      | 0.05      | 0.10       | 49.63   | ppb   |
| Cadmium    | 106-1 | 0.04      | -0.77     | -1.02     | -0.59      |         | ppb   |
| Cadmium    | 108-1 | 0.19      | 0.49      | 0.26      | 0.31       | 49.95   | ppb   |
| Calcium    | 43-1  | 502187.61 | 503077.79 | 495908.63 | 500391.34  | 0.78    | ppb   |
| Calcium    | 44-1  | 498781.55 | 506115.52 | 497847.00 | 500914.69  | 0.90    | ppb   |
| Chromium   | 52-2  | 9.35      | 8.96      | 8.91      | 9.07       | 2.65    | ppb   |
| Cobalt     | 59-2  | 1.07      | 1.08      | 1.14      | 1.10       | 3.32    | ppb   |
| Copper     | 63-2  | 2.09      | 2.11      | 2.14      | 2.12       | 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 |           |           |           | 105        |         | %     |
| Holmium    | 165-2 |           |           |           | 100        |         | %     |
| Indium     | 115-1 |           |           |           | 97         |         | %     |
| Indium     | 115-2 |           |           |           | 92         |         | %     |
| Iron       | 56-2  | 248057.59 | 251072.04 | 251217.57 | 250115.73  | 0.71    | ppb   |
| Iron       | 57-2  | 245978.23 | 253108.39 | 251921.14 | 250335.92  | 1.53    | ppb   |
| Lead       | 206-1 | 1.80      | 1.65      | 1.75      | 1.73       | 4.13    | ppb   |
| Lead       | 207-1 | 1.59      | 1.64      | 1.66      | 1.63       | 2.26    | ppb   |
| Lead       | 208-1 | 1.69      | 1.66      | 1.69      | 1.68       | 1.07    | ppb   |
| Lithium    | 6-1   |           |           |           | 94         |         | %     |
| Magnesium  | 24-2  | 492793.83 | 504171.73 | 505098.30 | 500687.95  | 1.37    | ppb   |
| Manganese  | 55-2  | 5.03      | 5.16      | 4.80      | 4.99       | 3.64    | ppb   |

|                         |                     |                   |            |
|-------------------------|---------------------|-------------------|------------|
| LB Number :             | LB92809             | Operator :        | Jaswal     |
| Lab Sample ID :         | S08                 | Instrumnet Name : | P8         |
| Client Sample ID :      | S08                 | Dilution Factor : | 1          |
| Date & Time Acquired :: | 2018-01-22 14:03:59 | DataFile Name :   | 011CAL.S.d |

| Parameter  | Mass  | ConRep1   | ConRep2   | ConRep3   | Avg. Conc. | ConcRSD | Units |
|------------|-------|-----------|-----------|-----------|------------|---------|-------|
| Molybdenum | 94-1  | 1.57      | 1.53      | 1.64      | 1.58       | 3.65    | ppb   |
| Molybdenum | 95-1  | 2.01      | 2.16      | 2.00      | 2.06       | 4.26    | ppb   |
| Molybdenum | 96-1  | 2.54      | 2.49      | 2.49      | 2.51       | 1.25    | ppb   |
| Molybdenum | 97-1  | 1.98      | 2.02      | 2.01      | 2.00       | 1.05    | ppb   |
| Molybdenum | 98-1  | 1.94      | 1.92      | 1.93      | 1.93       | 0.48    | ppb   |
| Neodymium  | 150-1 |           |           |           |            |         | cps   |
| Neodymium  | 150-2 |           |           |           |            |         | cps   |
| Nickel     | 60-2  | 5.48      | 5.82      | 5.59      | 5.63       | 3.15    | ppb   |
| Phosphorus | 31-2  | 28.46     | 29.02     | 28.53     | 28.67      | 1.07    | ppb   |
| Potassium  | 39-2  | 247457.53 | 252877.37 | 251407.56 | 250580.82  | 1.12    | ppb   |
| Rhodium    | 103-1 |           |           |           | 93         |         | %     |
| Rhodium    | 103-2 |           |           |           | 90         |         | %     |
| Scandium   | 45-1  |           |           |           | 97         |         | %     |
| Scandium   | 45-2  |           |           |           | 90         |         | %     |
| Selenium   | 77-2  | 0.00      | 0.00      | 0.00      | 0.00       | N/A     | ppb   |
| Selenium   | 78-2  | 1.67      | 1.69      | -0.77     | 0.86       | 164.18  | ppb   |
| Selenium   | 82-1  | 1.06      | 0.58      | 1.38      | 1.01       | 39.96   | ppb   |
| Silicon    | 28-1  | 131.46    | 139.70    | 139.45    | 136.87     | 3.42    | ppb   |
| Silver     | 109-1 | 0.05      | 0.05      | 0.08      | 0.06       | 28.23   | ppb   |
| Silver     | 107-1 | 0.07      | 0.06      | 0.08      | 0.07       | 16.62   | ppb   |
| Sodium     | 23-2  | 495623.54 | 506511.41 | 499866.01 | 500666.99  | 1.10    | ppb   |
| Strontium  | 86-1  | 33.09     | 32.89     | 33.73     | 33.24      | 1.32    | ppb   |
| Strontium  | 88-1  | 34.28     | 34.39     | 33.93     | 34.20      | 0.71    | ppb   |
| Sulfur     | 34-1  | -1621.11  | -1952.80  | -2041.39  | -1871.76   |         | ppb   |
| Terbium    | 159-1 |           |           |           | 104        |         | %     |
| Terbium    | 159-2 |           |           |           | 100        |         | %     |
| Thallium   | 203-1 | 0.43      | 0.46      | 0.38      | 0.43       | 9.53    | ppb   |
| Thallium   | 205-1 | 0.42      | 0.41      | 0.43      | 0.42       | 1.92    | ppb   |
| Tin        | 118-1 | 0.93      | 0.97      | 0.98      | 0.96       | 2.98    | ppb   |
| Titanium   | 47-1  | 0.74      | 0.76      | 0.65      | 0.72       | 8.16    | ppb   |
| Uranium    | 238-1 | 0.06      | 0.07      | 0.06      | 0.06       | 9.65    | ppb   |
| Vanadium   | 51-2  | 0.13      | 0.21      | 0.17      | 0.17       | 22.99   | ppb   |
| Yttrium    | 89-1  |           |           |           | 100        |         | %     |
| Yttrium    | 89-2  |           |           |           | 95         |         | %     |
| Zinc       | 66-2  | 5.18      | 5.45      | 6.35      | 5.66       | 10.88   | ppb   |
| Zirconium  | 90-1  | 0.16      | 0.14      | 0.15      | 0.15       | 5.88    | ppb   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB92809             | Operator :        | Jaswal    |
| Lab Sample ID :         | S08                 | Instrumnet Name : | P8        |
| Client Sample ID :      | S08                 | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2018-01-22 14:03:59 | DataFile Name :   | 011CALS.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|-----------|------|---------|---------|---------|------------|---------|-------|
| Zirconium | 91-1 | 0.22    | 0.15    | 0.13    | 0.17       | 30.33   | ppb   |

LB Number : LB92809 Operator : Jaswal  
 Lab Sample ID : ICV Instrumnet Name : P8  
 Client Sample ID : ICV Dilution Factor : 1  
 Date & Time Acquired :: 2018-01-22 14:12:12 DataFile Name : 013ICV.d

| Parameter  | Mass  | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|------------|-------|---------|---------|---------|------------|---------|-------|
| Aluminium  | 27-2  | 491.95  | 448.25  | 528.23  | 489.48     | 8.18    | ppb   |
| Antimony   | 121-1 | 198.45  | 199.11  | 195.11  | 197.56     | 1.09    | ppb   |
| Arsenic    | 75-2  | 198.47  | 194.42  | 194.15  | 195.68     | 1.24    | ppb   |
| Barium     | 135-1 | 99.98   | 100.50  | 99.11   | 99.86      | 0.70    | ppb   |
| Barium     | 137-1 | 100.66  | 98.91   | 100.01  | 99.86      | 0.88    | ppb   |
| Beryllium  | 9-1   | 99.94   | 100.09  | 100.78  | 100.27     | 0.45    | ppb   |
| Bismuth    | 209-1 |         |         |         | 108        |         | %     |
| Bismuth    | 209-2 |         |         |         | 104        |         | %     |
| Boron      | 10-1  | 591.07  | 583.56  | 596.81  | 590.48     | 1.13    | ppb   |
| Boron      | 11-1  | 592.85  | 593.30  | 589.58  | 591.91     | 0.34    | ppb   |
| Cadmium    | 111-1 | 104.29  | 103.80  | 103.18  | 103.75     | 0.53    | ppb   |
| Cadmium    | 106-1 | 164.01  | 163.28  | 156.93  | 161.41     | 2.41    | ppb   |
| Cadmium    | 108-1 | 126.94  | 131.46  | 132.21  | 130.20     | 2.19    | ppb   |
| Calcium    | 43-1  | 2033.68 | 2065.90 | 2057.32 | 2052.30    | 0.81    | ppb   |
| Calcium    | 44-1  | 1983.61 | 1993.74 | 1997.73 | 1991.69    | 0.37    | ppb   |
| Chromium   | 52-2  | 95.36   | 95.80   | 96.91   | 96.02      | 0.83    | ppb   |
| Cobalt     | 59-2  | 96.97   | 98.98   | 98.82   | 98.26      | 1.14    | ppb   |
| Copper     | 63-2  | 96.52   | 97.43   | 97.09   | 97.01      | 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 |         |         |         | 107        |         | %     |
| Holmium    | 165-2 |         |         |         | 104        |         | %     |
| Indium     | 115-1 |         |         |         | 104        |         | %     |
| Indium     | 115-2 |         |         |         | 99         |         | %     |
| Iron       | 56-2  | 966.98  | 959.51  | 968.35  | 964.95     | 0.49    | ppb   |
| Iron       | 57-2  | 953.47  | 933.72  | 969.78  | 952.32     | 1.90    | ppb   |
| Lead       | 206-1 | 197.19  | 196.75  | 194.22  | 196.05     | 0.82    | ppb   |
| Lead       | 207-1 | 187.79  | 186.77  | 185.52  | 186.69     | 0.61    | ppb   |
| Lead       | 208-1 | 195.93  | 195.69  | 193.79  | 195.14     | 0.60    | ppb   |
| Lithium    | 6-1   |         |         |         | 103        |         | %     |
| Magnesium  | 24-2  | 1117.65 | 1185.95 | 1142.35 | 1148.65    | 3.01    | ppb   |
| Manganese  | 55-2  | 94.28   | 98.32   | 97.98   | 96.86      | 2.31    | ppb   |



|                         |                     |                   |          |
|-------------------------|---------------------|-------------------|----------|
| LB Number :             | LB92809             | Operator :        | Jaswal   |
| Lab Sample ID :         | ICV                 | Instrumnet Name : | P8       |
| Client Sample ID :      | ICV                 | Dilution Factor : | 1        |
| Date & Time Acquired :: | 2018-01-22 14:12:12 | DataFile Name :   | 013ICV.d |

| Parameter  | Mass  | ConRep1  | ConRep2  | ConRep3  | Avg. Conc. | ConcRSD | Units |
|------------|-------|----------|----------|----------|------------|---------|-------|
| Molybdenum | 94-1  | 1060.88  | 1065.34  | 1046.56  | 1057.59    | 0.93    | ppb   |
| Molybdenum | 95-1  | 466.67   | 463.81   | 465.91   | 465.46     | 0.32    | ppb   |
| Molybdenum | 96-1  | 543.01   | 543.43   | 533.05   | 539.83     | 1.09    | ppb   |
| Molybdenum | 97-1  | 443.55   | 449.53   | 447.11   | 446.73     | 0.67    | ppb   |
| Molybdenum | 98-1  | 457.90   | 466.01   | 462.16   | 462.02     | 0.88    | ppb   |
| Neodymium  | 150-1 |          |          |          |            |         | cps   |
| Neodymium  | 150-2 |          |          |          |            |         | cps   |
| Nickel     | 60-2  | 97.14    | 97.80    | 98.62    | 97.85      | 0.76    | ppb   |
| Phosphorus | 31-2  | 25.15    | 56.28    | -4.97    | 25.49      | 120.17  | ppb   |
| Potassium  | 39-2  | 1863.00  | 1900.75  | 1894.23  | 1885.99    | 1.07    | ppb   |
| Rhodium    | 103-1 |          |          |          | 104        |         | %     |
| Rhodium    | 103-2 |          |          |          | 102        |         | %     |
| Scandium   | 45-1  |          |          |          | 104        |         | %     |
| Scandium   | 45-2  |          |          |          | 99         |         | %     |
| Selenium   | 77-2  | 170.89   | 204.84   | 189.19   | 188.31     | 9.02    | ppb   |
| Selenium   | 78-2  | 219.81   | 232.94   | 215.16   | 222.64     | 4.14    | ppb   |
| Selenium   | 82-1  | 195.08   | 200.72   | 198.95   | 198.25     | 1.45    | ppb   |
| Silicon    | 28-1  | 396.86   | 391.17   | 395.73   | 394.59     | 0.76    | ppb   |
| Silver     | 109-1 | 101.21   | 100.31   | 101.29   | 100.94     | 0.54    | ppb   |
| Silver     | 107-1 | 101.63   | 102.30   | 101.45   | 101.79     | 0.44    | ppb   |
| Sodium     | 23-2  | 1931.58  | 1975.32  | 1929.23  | 1945.38    | 1.33    | ppb   |
| Strontium  | 86-1  | 450.03   | 452.62   | 449.17   | 450.61     | 0.40    | ppb   |
| Strontium  | 88-1  | 454.23   | 455.19   | 455.19   | 454.87     | 0.12    | ppb   |
| Sulfur     | 34-1  | -2002.76 | -2286.48 | -2102.55 | -2130.60   |         | ppb   |
| Terbium    | 159-1 |          |          |          | 107        |         | %     |
| Terbium    | 159-2 |          |          |          | 104        |         | %     |
| Thallium   | 203-1 | 200.25   | 199.70   | 199.28   | 199.74     | 0.24    | ppb   |
| Thallium   | 205-1 | 203.98   | 206.73   | 202.59   | 204.43     | 1.03    | ppb   |
| Tin        | 118-1 | 482.40   | 474.32   | 475.26   | 477.33     | 0.93    | ppb   |
| Titanium   | 47-1  | 472.57   | 467.31   | 465.85   | 468.57     | 0.75    | ppb   |
| Uranium    | 238-1 | 458.86   | 456.45   | 455.13   | 456.81     | 0.41    | ppb   |
| Vanadium   | 51-2  | 96.87    | 95.46    | 95.70    | 96.01      | 0.78    | ppb   |
| Yttrium    | 89-1  |          |          |          | 106        |         | %     |
| Yttrium    | 89-2  |          |          |          | 101        |         | %     |
| Zinc       | 66-2  | 195.36   | 197.37   | 193.47   | 195.40     | 1.00    | ppb   |
| Zirconium  | 90-1  | 476.37   | 477.31   | 477.26   | 476.98     | 0.11    | ppb   |

|                         |                     |                   |          |
|-------------------------|---------------------|-------------------|----------|
| LB Number :             | LB92809             | Operator :        | Jaswal   |
| Lab Sample ID :         | ICV                 | Instrumnet Name : | P8       |
| Client Sample ID :      | ICV                 | Dilution Factor : | 1        |
| Date & Time Acquired :: | 2018-01-22 14:12:12 | DataFile Name :   | 013ICV.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|-----------|------|---------|---------|---------|------------|---------|-------|
| Zirconium | 91-1 | 462.52  | 466.26  | 463.66  | 464.15     | 0.41    | ppb   |

LB Number : LB92809 Operator : Jaswal  
 Lab Sample ID : ICB Instrumnet Name : P8  
 Client Sample ID : ICB Dilution Factor : 1  
 Date & Time Acquired :: 2018-01-22 14:16:11 DataFile Name : 014CCBE.d

| Parameter  | Mass  | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|------------|-------|---------|---------|---------|------------|---------|-------|
| Aluminium  | 27-2  | -1.00   | -3.12   | -1.18   | -1.77      |         | ppb   |
| Antimony   | 121-1 | 0.11    | 0.11    | 0.12    | 0.11       | 2.56    | ppb   |
| Arsenic    | 75-2  | 0.02    | 0.02    | 0.02    | 0.02       | 17.22   | ppb   |
| Barium     | 135-1 | 0.00    | 0.00    | 0.01    | 0.00       | 266.04  | ppb   |
| Barium     | 137-1 | 0.01    | 0.01    | 0.01    | 0.01       | 44.82   | ppb   |
| Beryllium  | 9-1   | 0.29    | 0.24    | 0.25    | 0.26       | 10.57   | ppb   |
| Bismuth    | 209-1 |         |         |         | 106        |         | %     |
| Bismuth    | 209-2 |         |         |         | 99         |         | %     |
| Boron      | 10-1  | 16.42   | 18.76   | 16.35   | 17.18      | 7.98    | ppb   |
| Boron      | 11-1  | 16.10   | 16.32   | 15.69   | 16.04      | 1.98    | ppb   |
| Cadmium    | 111-1 | -0.05   | -0.01   | 0.02    | -0.02      |         | ppb   |
| Cadmium    | 106-1 | -0.85   | -0.60   | 0.07    | -0.46      |         | ppb   |
| Cadmium    | 108-1 | 0.07    | 0.00    | 0.00    | 0.02       | 188.84  | ppb   |
| Calcium    | 43-1  | -18.55  | -24.80  | -14.81  | -19.39     |         | ppb   |
| Calcium    | 44-1  | -3.66   | -1.43   | -3.31   | -2.80      |         | ppb   |
| Chromium   | 52-2  | 0.03    | -0.08   | 0.03    | -0.01      |         | ppb   |
| Cobalt     | 59-2  | 0.01    | 0.01    | 0.00    | 0.00       | 65.38   | ppb   |
| Copper     | 63-2  | 0.04    | -0.01   | 0.03    | 0.02       | 119.46  | 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 |         |         |         | 106        |         | %     |
| Holmium    | 165-2 |         |         |         | 99         |         | %     |
| Indium     | 115-1 |         |         |         | 105        |         | %     |
| Indium     | 115-2 |         |         |         | 97         |         | %     |
| Iron       | 56-2  | 2.59    | 2.30    | 2.06    | 2.31       | 11.65   | ppb   |
| Iron       | 57-2  | 1.78    | 3.06    | 2.45    | 2.43       | 26.24   | ppb   |
| Lead       | 206-1 | 0.07    | 0.06    | 0.06    | 0.06       | 8.92    | ppb   |
| Lead       | 207-1 | 0.05    | 0.04    | 0.04    | 0.05       | 13.27   | ppb   |
| Lead       | 208-1 | 0.05    | 0.05    | 0.04    | 0.05       | 7.92    | ppb   |
| Lithium    | 6-1   |         |         |         | 102        |         | %     |
| Magnesium  | 24-2  | -1.98   | -4.47   | -3.46   | -3.30      |         | ppb   |
| Manganese  | 55-2  | -0.02   | -0.01   | 0.05    | 0.01       | 717.10  | ppb   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB92809             | Operator :        | Jaswal    |
| Lab Sample ID :         | ICB                 | Instrumnet Name : | P8        |
| Client Sample ID :      | ICB                 | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2018-01-22 14:16:11 | DataFile Name :   | 014CCBE.d |

| Parameter  | Mass  | ConRep1  | ConRep2  | ConRep3  | Avg. Conc. | ConcRSD  | Units |
|------------|-------|----------|----------|----------|------------|----------|-------|
| Molybdenum | 94-1  | 0.03     | 0.08     | 0.06     | 0.06       | 38.23    | ppb   |
| Molybdenum | 95-1  | 0.04     | 0.04     | 0.02     | 0.04       | 32.90    | ppb   |
| Molybdenum | 96-1  | 0.05     | 0.06     | 0.06     | 0.06       | 6.65     | ppb   |
| Molybdenum | 97-1  | 0.07     | 0.03     | 0.02     | 0.04       | 61.42    | ppb   |
| Molybdenum | 98-1  | 0.04     | 0.02     | 0.03     | 0.03       | 31.30    | ppb   |
| Neodymium  | 150-1 |          |          |          |            |          | cps   |
| Neodymium  | 150-2 |          |          |          |            |          | cps   |
| Nickel     | 60-2  | 0.04     | -0.09    | -0.42    | -0.16      |          | ppb   |
| Phosphorus | 31-2  | 96.86    | -4.97    | -4.97    | 28.97      | 202.94   | ppb   |
| Potassium  | 39-2  | 16.70    | -6.17    | 14.19    | 8.24       | 152.22   | ppb   |
| Rhodium    | 103-1 |          |          |          | 103        |          | %     |
| Rhodium    | 103-2 |          |          |          | 98         |          | %     |
| Scandium   | 45-1  |          |          |          | 103        |          | %     |
| Scandium   | 45-2  |          |          |          | 94         |          | %     |
| Selenium   | 77-2  | 0.00     | 0.00     | 7.15     | 2.38       | 173.21   | ppb   |
| Selenium   | 78-2  | -0.77    | 0.39     | 0.39     | 0.00       | 28508.98 | ppb   |
| Selenium   | 82-1  | 0.25     | 0.48     | 0.13     | 0.29       | 62.02    | ppb   |
| Silicon    | 28-1  | -10.65   | -9.94    | -13.75   | -11.45     |          | ppb   |
| Silver     | 109-1 | 0.01     | 0.01     | 0.01     | 0.01       | 41.62    | ppb   |
| Silver     | 107-1 | 0.01     | 0.01     | 0.01     | 0.01       | 21.67    | ppb   |
| Sodium     | 23-2  | 40.61    | 30.61    | 27.72    | 32.98      | 20.50    | ppb   |
| Strontium  | 86-1  | -0.02    | 0.03     | -0.01    | 0.00       | 2012.68  | ppb   |
| Strontium  | 88-1  | 0.01     | 0.00     | 0.01     | 0.00       | 36.75    | ppb   |
| Sulfur     | 34-1  | -2042.07 | -1915.95 | -2106.50 | -2021.51   |          | ppb   |
| Terbium    | 159-1 |          |          |          | 106        |          | %     |
| Terbium    | 159-2 |          |          |          | 99         |          | %     |
| Thallium   | 203-1 | 0.08     | 0.09     | 0.08     | 0.08       | 5.78     | ppb   |
| Thallium   | 205-1 | 0.10     | 0.09     | 0.09     | 0.09       | 7.77     | ppb   |
| Tin        | 118-1 | 0.07     | 0.05     | 0.07     | 0.07       | 14.57    | ppb   |
| Titanium   | 47-1  | 0.03     | -0.02    | 0.01     | 0.01       | 406.49   | ppb   |
| Uranium    | 238-1 | 0.00     | 0.00     | 0.00     | 0.00       | 309.64   | ppb   |
| Vanadium   | 51-2  | -0.01    | -0.01    | 0.01     | 0.00       |          | ppb   |
| Yttrium    | 89-1  |          |          |          | 104        |          | %     |
| Yttrium    | 89-2  |          |          |          | 96         |          | %     |
| Zinc       | 66-2  | 0.24     | 0.21     | -0.03    | 0.14       | 106.16   | ppb   |
| Zirconium  | 90-1  | 0.03     | 0.03     | 0.02     | 0.02       | 18.23    | ppb   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB92809             | Operator :        | Jaswal    |
| Lab Sample ID :         | ICB                 | Instrumnet Name : | P8        |
| Client Sample ID :      | ICB                 | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2018-01-22 14:16:11 | DataFile Name :   | 014CCBE.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|-----------|------|---------|---------|---------|------------|---------|-------|
| Zirconium | 91-1 | 0.03    | 0.02    | 0.03    | 0.03       | 13.51   | ppb   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB92809             | Operator :        | Jaswal    |
| Lab Sample ID :         | ICSA                | Instrumnet Name : | P8        |
| Client Sample ID :      | ICSA                | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2018-01-22 14:19:23 | DataFile Name :   | 015ICSA.d |

| Parameter  | Mass  | ConRep1   | ConRep2  | ConRep3   | Avg. Conc. | ConcRSD | Units |
|------------|-------|-----------|----------|-----------|------------|---------|-------|
| Aluminium  | 27-2  | 90140.73  | 90718.02 | 88502.51  | 89787.09   | 1.28    | ppb   |
| Antimony   | 121-1 | 1.27      | 1.16     | 1.28      | 1.23       | 5.12    | ppb   |
| Arsenic    | 75-2  | 0.22      | 0.43     | 0.47      | 0.38       | 35.90   | ppb   |
| Barium     | 135-1 | 1.50      | 1.45     | 1.58      | 1.51       | 4.24    | ppb   |
| Barium     | 137-1 | 1.72      | 1.52     | 1.65      | 1.63       | 6.18    | ppb   |
| Beryllium  | 9-1   | 0.52      | 0.41     | 0.40      | 0.45       | 15.30   | ppb   |
| Bismuth    | 209-1 |           |          |           | 100        |         | %     |
| Bismuth    | 209-2 |           |          |           | 98         |         | %     |
| Boron      | 10-1  | 18.68     | 15.79    | 15.83     | 16.77      | 9.88    | ppb   |
| Boron      | 11-1  | 17.59     | 15.42    | 15.79     | 16.27      | 7.13    | ppb   |
| Cadmium    | 111-1 | 0.25      | 0.25     | 0.43      | 0.31       | 33.71   | ppb   |
| Cadmium    | 106-1 | -0.55     | -0.77    | 0.74      | -0.19      |         | ppb   |
| Cadmium    | 108-1 | 9.33      | 7.05     | 8.60      | 8.33       | 13.99   | ppb   |
| Calcium    | 43-1  | 109087.00 | 99807.55 | 100371.70 | 103088.75  | 5.05    | ppb   |
| Calcium    | 44-1  | 106096.18 | 97629.65 | 98146.50  | 100624.11  | 4.72    | ppb   |
| Chromium   | 52-2  | 19.81     | 20.57    | 19.64     | 20.01      | 2.47    | ppb   |
| Cobalt     | 59-2  | 1.25      | 1.15     | 1.14      | 1.18       | 4.97    | ppb   |
| Copper     | 63-2  | 7.64      | 7.30     | 7.39      | 7.44       | 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 |           |          |           | 104        |         | %     |
| Holmium    | 165-2 |           |          |           | 102        |         | %     |
| Indium     | 115-1 |           |          |           | 100        |         | %     |
| Indium     | 115-2 |           |          |           | 97         |         | %     |
| Iron       | 56-2  | 98349.05  | 99306.59 | 96846.82  | 98167.48   | 1.26    | ppb   |
| Iron       | 57-2  | 97310.86  | 96973.84 | 95134.41  | 96473.03   | 1.21    | ppb   |
| Lead       | 206-1 | 5.50      | 4.91     | 4.87      | 5.09       | 6.92    | ppb   |
| Lead       | 207-1 | 4.70      | 4.23     | 4.24      | 4.39       | 6.13    | ppb   |
| Lead       | 208-1 | 5.05      | 4.49     | 4.45      | 4.67       | 7.24    | ppb   |
| Lithium    | 6-1   |           |          |           | 94         |         | %     |
| Magnesium  | 24-2  | 98846.84  | 99920.76 | 97065.43  | 98611.01   | 1.46    | ppb   |
| Manganese  | 55-2  | 8.09      | 7.47     | 8.52      | 8.03       | 6.57    | ppb   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB92809             | Operator :        | Jaswal    |
| Lab Sample ID :         | ICSA                | Instrumnet Name : | P8        |
| Client Sample ID :      | ICSA                | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2018-01-22 14:19:23 | DataFile Name :   | 015ICSA.d |

| Parameter  | Mass  | ConRep1   | ConRep2   | ConRep3  | Avg. Conc. | ConcRSD | Units |
|------------|-------|-----------|-----------|----------|------------|---------|-------|
| Molybdenum | 94-1  | 1500.39   | 1379.94   | 1381.35  | 1420.56    | 4.87    | ppb   |
| Molybdenum | 95-1  | 2166.34   | 1985.40   | 1981.48  | 2044.41    | 5.17    | ppb   |
| Molybdenum | 96-1  | 2087.43   | 1918.45   | 1920.41  | 1975.43    | 4.91    | ppb   |
| Molybdenum | 97-1  | 2139.31   | 2012.77   | 1980.39  | 2044.16    | 4.11    | ppb   |
| Molybdenum | 98-1  | 2131.10   | 1960.96   | 1974.25  | 2022.11    | 4.68    | ppb   |
| Neodymium  | 150-1 |           |           |          |            |         | cps   |
| Neodymium  | 150-2 |           |           |          |            |         | cps   |
| Nickel     | 60-2  | 4.52      | 5.15      | 4.69     | 4.79       | 6.87    | ppb   |
| Phosphorus | 31-2  | 102147.72 | 100915.85 | 97658.47 | 100240.68  | 2.31    | ppb   |
| Potassium  | 39-2  | 98171.85  | 99420.60  | 96377.87 | 97990.11   | 1.56    | ppb   |
| Rhodium    | 103-1 |           |           |          | 97         |         | %     |
| Rhodium    | 103-2 |           |           |          | 97         |         | %     |
| Scandium   | 45-1  |           |           |          | 100        |         | %     |
| Scandium   | 45-2  |           |           |          | 97         |         | %     |
| Selenium   | 77-2  | 0.00      | 0.00      | 0.00     | 0.00       | N/A     | ppb   |
| Selenium   | 78-2  | 1.55      | 3.93      | 1.53     | 2.34       | 59.20   | ppb   |
| Selenium   | 82-1  | 0.27      | 0.40      | -0.01    | 0.22       | 97.00   | ppb   |
| Silicon    | 28-1  | 34.00     | 24.06     | 22.09    | 26.71      | 23.90   | ppb   |
| Silver     | 109-1 | 0.05      | 0.08      | 0.08     | 0.07       | 27.97   | ppb   |
| Silver     | 107-1 | 0.06      | 0.07      | 0.07     | 0.07       | 8.93    | ppb   |
| Sodium     | 23-2  | 97638.81  | 98870.20  | 95866.15 | 97458.39   | 1.55    | ppb   |
| Strontium  | 86-1  | 37.19     | 33.82     | 33.55    | 34.85      | 5.81    | ppb   |
| Strontium  | 88-1  | 37.45     | 34.56     | 34.60    | 35.54      | 4.66    | ppb   |
| Sulfur     | 34-1  | 103569.59 | 94155.71  | 95174.26 | 97633.19   | 5.29    | ppb   |
| Terbium    | 159-1 |           |           |          | 103        |         | %     |
| Terbium    | 159-2 |           |           |          | 102        |         | %     |
| Thallium   | 203-1 | 0.27      | 0.19      | 0.23     | 0.23       | 18.09   | ppb   |
| Thallium   | 205-1 | 0.22      | 0.22      | 0.23     | 0.22       | 1.39    | ppb   |
| Tin        | 118-1 | 0.19      | 0.21      | 0.19     | 0.19       | 7.08    | ppb   |
| Titanium   | 47-1  | 2247.13   | 2059.94   | 2060.55  | 2122.54    | 5.08    | ppb   |
| Uranium    | 238-1 | 0.02      | 0.02      | 0.02     | 0.02       | 2.06    | ppb   |
| Vanadium   | 51-2  | 0.15      | 0.13      | 0.09     | 0.12       | 23.25   | ppb   |
| Yttrium    | 89-1  |           |           |          | 101        |         | %     |
| Yttrium    | 89-2  |           |           |          | 100        |         | %     |
| Zinc       | 66-2  | 11.45     | 11.84     | 12.31    | 11.86      | 3.63    | ppb   |
| Zirconium  | 90-1  | 0.06      | 0.04      | 0.04     | 0.05       | 23.72   | ppb   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB92809             | Operator :        | Jaswal    |
| Lab Sample ID :         | ICSA                | Instrumnet Name : | P8        |
| Client Sample ID :      | ICSA                | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2018-01-22 14:19:23 | DataFile Name :   | 015ICSA.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|-----------|------|---------|---------|---------|------------|---------|-------|
| Zirconium | 91-1 | 0.08    | 0.02    | 0.05    | 0.05       | 55.98   | ppb   |



|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB92809             | Operator :        | Jaswal    |
| Lab Sample ID :         | ICSAB               | Instrumnet Name : | P8        |
| Client Sample ID :      | ICSAB               | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2018-01-22 14:22:31 | DataFile Name :   | 016ICSB.d |

| Parameter  | Mass  | ConRep1   | ConRep2   | ConRep3   | Avg. Conc. | ConcRSD | Units |
|------------|-------|-----------|-----------|-----------|------------|---------|-------|
| Aluminium  | 27-2  | 90956.85  | 90767.66  | 91721.54  | 91148.69   | 0.55    | ppb   |
| Antimony   | 121-1 | 21.65     | 21.73     | 21.96     | 21.78      | 0.74    | ppb   |
| Arsenic    | 75-2  | 19.77     | 19.28     | 19.57     | 19.54      | 1.27    | ppb   |
| Barium     | 135-1 | 22.02     | 22.53     | 22.79     | 22.45      | 1.74    | ppb   |
| Barium     | 137-1 | 22.59     | 22.55     | 22.72     | 22.62      | 0.38    | ppb   |
| Beryllium  | 9-1   | 21.51     | 22.54     | 21.84     | 21.96      | 2.40    | ppb   |
| Bismuth    | 209-1 |           |           |           | 102        |         | %     |
| Bismuth    | 209-2 |           |           |           | 97         |         | %     |
| Boron      | 10-1  | 74.28     | 77.05     | 76.24     | 75.86      | 1.88    | ppb   |
| Boron      | 11-1  | 71.87     | 72.71     | 75.07     | 73.22      | 2.26    | ppb   |
| Cadmium    | 111-1 | 20.71     | 21.46     | 21.71     | 21.29      | 2.43    | ppb   |
| Cadmium    | 106-1 | 24.30     | 27.64     | 26.69     | 26.21      | 6.57    | ppb   |
| Cadmium    | 108-1 | 30.22     | 29.99     | 29.53     | 29.91      | 1.17    | ppb   |
| Calcium    | 43-1  | 100137.87 | 101375.78 | 101125.04 | 100879.56  | 0.65    | ppb   |
| Calcium    | 44-1  | 98261.60  | 98182.08  | 98768.41  | 98404.03   | 0.32    | ppb   |
| Chromium   | 52-2  | 40.44     | 40.83     | 41.99     | 41.08      | 1.96    | ppb   |
| Cobalt     | 59-2  | 21.40     | 21.46     | 21.85     | 21.57      | 1.12    | ppb   |
| Copper     | 63-2  | 27.56     | 28.13     | 28.22     | 27.97      | 1.28    | ppb   |
| Dysprosium | 156-1 |           |           |           |            |         | cps   |
| Dysprosium | 156-2 |           |           |           |            |         | cps   |
| Erbium     | 164-1 |           |           |           |            |         | cps   |
| Erbium     | 164-2 |           |           |           |            |         | cps   |
| Gadolinium | 160-1 |           |           |           |            |         | cps   |
| Gadolinium | 160-2 |           |           |           |            |         | cps   |
| Holmium    | 165-1 |           |           |           | 107        |         | %     |
| Holmium    | 165-2 |           |           |           | 101        |         | %     |
| Indium     | 115-1 |           |           |           | 102        |         | %     |
| Indium     | 115-2 |           |           |           | 96         |         | %     |
| Iron       | 56-2  | 100557.44 | 100227.10 | 101328.45 | 100704.33  | 0.56    | ppb   |
| Iron       | 57-2  | 98499.44  | 97802.71  | 99995.28  | 98765.81   | 1.13    | ppb   |
| Lead       | 206-1 | 25.95     | 25.95     | 25.62     | 25.84      | 0.74    | ppb   |
| Lead       | 207-1 | 23.69     | 23.61     | 23.54     | 23.61      | 0.32    | ppb   |
| Lead       | 208-1 | 24.55     | 24.60     | 24.31     | 24.49      | 0.63    | ppb   |
| Lithium    | 6-1   |           |           |           | 96         |         | %     |
| Magnesium  | 24-2  | 99255.12  | 99771.54  | 101084.13 | 100036.93  | 0.94    | ppb   |
| Manganese  | 55-2  | 28.00     | 28.20     | 27.70     | 27.97      | 0.89    | ppb   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB92809             | Operator :        | Jaswal    |
| Lab Sample ID :         | ICSAB               | Instrumnet Name : | P8        |
| Client Sample ID :      | ICSAB               | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2018-01-22 14:22:31 | DataFile Name :   | 016ICSB.d |

| Parameter  | Mass  | ConRep1   | ConRep2   | ConRep3   | Avg. Conc. | ConcRSD | Units |
|------------|-------|-----------|-----------|-----------|------------|---------|-------|
| Molybdenum | 94-1  | 1527.88   | 1524.85   | 1518.71   | 1523.81    | 0.31    | ppb   |
| Molybdenum | 95-1  | 2077.94   | 2075.77   | 2027.68   | 2060.46    | 1.38    | ppb   |
| Molybdenum | 96-1  | 1999.22   | 2002.83   | 1954.34   | 1985.46    | 1.36    | ppb   |
| Molybdenum | 97-1  | 2070.89   | 2071.89   | 2064.96   | 2069.24    | 0.18    | ppb   |
| Molybdenum | 98-1  | 2058.77   | 2050.93   | 2032.36   | 2047.35    | 0.66    | ppb   |
| Neodymium  | 150-1 |           |           |           |            |         | cps   |
| Neodymium  | 150-2 |           |           |           |            |         | cps   |
| Nickel     | 60-2  | 25.44     | 24.17     | 25.28     | 24.96      | 2.78    | ppb   |
| Phosphorus | 31-2  | 105403.63 | 101523.30 | 100645.85 | 102524.26  | 2.47    | ppb   |
| Potassium  | 39-2  | 99874.57  | 99267.12  | 100544.81 | 99895.50   | 0.64    | ppb   |
| Rhodium    | 103-1 |           |           |           | 99         |         | %     |
| Rhodium    | 103-2 |           |           |           | 96         |         | %     |
| Scandium   | 45-1  |           |           |           | 102        |         | %     |
| Scandium   | 45-2  |           |           |           | 94         |         | %     |
| Selenium   | 77-2  | 29.00     | 7.27      | 14.69     | 16.99      | 65.04   | ppb   |
| Selenium   | 78-2  | 22.76     | 22.82     | 23.05     | 22.88      | 0.67    | ppb   |
| Selenium   | 82-1  | 21.20     | 20.23     | 20.17     | 20.53      | 2.83    | ppb   |
| Silicon    | 28-1  | 81.19     | 82.31     | 82.98     | 82.16      | 1.10    | ppb   |
| Silver     | 109-1 | 19.87     | 19.93     | 19.60     | 19.80      | 0.89    | ppb   |
| Silver     | 107-1 | 20.16     | 20.10     | 20.13     | 20.13      | 0.13    | ppb   |
| Sodium     | 23-2  | 99774.01  | 98468.96  | 100225.09 | 99489.35   | 0.92    | ppb   |
| Strontium  | 86-1  | 89.39     | 89.93     | 89.60     | 89.64      | 0.30    | ppb   |
| Strontium  | 88-1  | 93.11     | 94.01     | 93.38     | 93.50      | 0.49    | ppb   |
| Sulfur     | 34-1  | 92340.97  | 93412.29  | 95811.18  | 93854.81   | 1.89    | ppb   |
| Terbium    | 159-1 |           |           |           | 105        |         | %     |
| Terbium    | 159-2 |           |           |           | 101        |         | %     |
| Thallium   | 203-1 | 20.98     | 21.33     | 21.10     | 21.14      | 0.83    | ppb   |
| Thallium   | 205-1 | 21.09     | 21.34     | 20.95     | 21.13      | 0.93    | ppb   |
| Tin        | 118-1 | 57.59     | 58.25     | 57.57     | 57.80      | 0.67    | ppb   |
| Titanium   | 47-1  | 2116.67   | 2130.88   | 2142.08   | 2129.87    | 0.60    | ppb   |
| Uranium    | 238-1 | 56.50     | 56.75     | 56.13     | 56.46      | 0.55    | ppb   |
| Vanadium   | 51-2  | 20.28     | 20.37     | 20.59     | 20.42      | 0.78    | ppb   |
| Yttrium    | 89-1  |           |           |           | 104        |         | %     |
| Yttrium    | 89-2  |           |           |           | 98         |         | %     |
| Zinc       | 66-2  | 31.15     | 35.42     | 33.75     | 33.44      | 6.42    | ppb   |
| Zirconium  | 90-1  | 59.20     | 59.37     | 58.80     | 59.12      | 0.50    | ppb   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB92809             | Operator :        | Jaswal    |
| Lab Sample ID :         | ICSAB               | Instrumnet Name : | P8        |
| Client Sample ID :      | ICSAB               | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2018-01-22 14:22:31 | DataFile Name :   | 016ICSB.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|-----------|------|---------|---------|---------|------------|---------|-------|
| Zirconium | 91-1 | 58.98   | 58.06   | 57.99   | 58.34      | 0.94    | ppb   |

|                         |                     |                   |          |
|-------------------------|---------------------|-------------------|----------|
| LB Number :             | LB92809             | Operator :        | Jaswal   |
| Lab Sample ID :         | CCV037              | Instrumnet Name : | P8       |
| Client Sample ID :      | CCV037              | Dilution Factor : | 1        |
| Date & Time Acquired :: | 2018-01-22 14:37:51 | DataFile Name :   | 017CCV.d |

| Parameter  | Mass  | ConRep1   | ConRep2   | ConRep3   | Avg. Conc. | ConcRSD | Units |
|------------|-------|-----------|-----------|-----------|------------|---------|-------|
| Aluminium  | 27-2  | 48156.68  | 48645.85  | 47144.73  | 47982.42   | 1.60    | ppb   |
| Antimony   | 121-1 | 502.29    | 501.75    | 499.99    | 501.34     | 0.24    | ppb   |
| Arsenic    | 75-2  | 511.11    | 501.84    | 492.52    | 501.82     | 1.85    | ppb   |
| Barium     | 135-1 | 2530.79   | 2531.35   | 2569.86   | 2544.00    | 0.88    | ppb   |
| Barium     | 137-1 | 2516.24   | 2501.57   | 2529.92   | 2515.91    | 0.56    | ppb   |
| Beryllium  | 9-1   | 529.95    | 523.04    | 522.04    | 525.01     | 0.82    | ppb   |
| Bismuth    | 209-1 |           |           |           | 99         |         | %     |
| Bismuth    | 209-2 |           |           |           | 93         |         | %     |
| Boron      | 10-1  | 515.01    | 513.35    | 527.12    | 518.49     | 1.45    | ppb   |
| Boron      | 11-1  | 510.85    | 518.74    | 517.62    | 515.74     | 0.83    | ppb   |
| Cadmium    | 111-1 | 490.88    | 484.53    | 483.79    | 486.40     | 0.80    | ppb   |
| Cadmium    | 106-1 | 497.78    | 486.44    | 473.01    | 485.74     | 2.55    | ppb   |
| Cadmium    | 108-1 | 491.76    | 499.07    | 483.11    | 491.32     | 1.63    | ppb   |
| Calcium    | 43-1  | 239189.97 | 240358.83 | 238531.21 | 239360.00  | 0.39    | ppb   |
| Calcium    | 44-1  | 234268.40 | 236925.49 | 233931.89 | 235041.93  | 0.70    | ppb   |
| Chromium   | 52-2  | 492.16    | 506.53    | 496.00    | 498.23     | 1.49    | ppb   |
| Cobalt     | 59-2  | 472.91    | 489.19    | 480.19    | 480.76     | 1.70    | ppb   |
| Copper     | 63-2  | 919.30    | 948.01    | 932.95    | 933.42     | 1.54    | ppb   |
| Dysprosium | 156-1 |           |           |           |            |         | cps   |
| Dysprosium | 156-2 |           |           |           |            |         | cps   |
| Erbium     | 164-1 |           |           |           |            |         | cps   |
| Erbium     | 164-2 |           |           |           |            |         | cps   |
| Gadolinium | 160-1 |           |           |           |            |         | cps   |
| Gadolinium | 160-2 |           |           |           |            |         | cps   |
| Holmium    | 165-1 |           |           |           | 104        |         | %     |
| Holmium    | 165-2 |           |           |           | 99         |         | %     |
| Indium     | 115-1 |           |           |           | 98         |         | %     |
| Indium     | 115-2 |           |           |           | 92         |         | %     |
| Iron       | 56-2  | 117829.43 | 121704.10 | 118675.26 | 119402.93  | 1.71    | ppb   |
| Iron       | 57-2  | 115444.97 | 119276.40 | 116928.38 | 117216.58  | 1.65    | ppb   |
| Lead       | 206-1 | 505.01    | 509.54    | 504.53    | 506.36     | 0.55    | ppb   |
| Lead       | 207-1 | 500.86    | 510.13    | 506.23    | 505.74     | 0.92    | ppb   |
| Lead       | 208-1 | 502.33    | 506.73    | 506.52    | 505.19     | 0.49    | ppb   |
| Lithium    | 6-1   |           |           |           | 97         |         | %     |
| Magnesium  | 24-2  | 239043.88 | 245620.02 | 239976.70 | 241546.87  | 1.47    | ppb   |
| Manganese  | 55-2  | 964.63    | 1006.11   | 980.97    | 983.90     | 2.12    | ppb   |

|                         |                     |                   |          |
|-------------------------|---------------------|-------------------|----------|
| LB Number :             | LB92809             | Operator :        | Jaswal   |
| Lab Sample ID :         | CCV037              | Instrumnet Name : | P8       |
| Client Sample ID :      | CCV037              | Dilution Factor : | 1        |
| Date & Time Acquired :: | 2018-01-22 14:37:51 | DataFile Name :   | 017CCV.d |

| Parameter  | Mass  | ConRep1   | ConRep2   | ConRep3   | Avg. Conc. | ConcRSD | Units |
|------------|-------|-----------|-----------|-----------|------------|---------|-------|
| Molybdenum | 94-1  | 2483.05   | 2491.31   | 2480.27   | 2484.88    | 0.23    | ppb   |
| Molybdenum | 95-1  | 2475.66   | 2492.52   | 2469.88   | 2479.35    | 0.47    | ppb   |
| Molybdenum | 96-1  | 2490.86   | 2497.57   | 2471.01   | 2486.48    | 0.56    | ppb   |
| Molybdenum | 97-1  | 2507.46   | 2514.90   | 2479.99   | 2500.78    | 0.74    | ppb   |
| Molybdenum | 98-1  | 2466.59   | 2507.60   | 2456.65   | 2476.94    | 1.09    | ppb   |
| Neodymium  | 150-1 |           |           |           |            |         | cps   |
| Neodymium  | 150-2 |           |           |           |            |         | cps   |
| Nickel     | 60-2  | 471.10    | 489.96    | 474.14    | 478.40     | 2.12    | ppb   |
| Phosphorus | 31-2  | 10082.64  | 10685.86  | 9524.97   | 10097.82   | 5.75    | ppb   |
| Potassium  | 39-2  | 122161.12 | 124509.15 | 124211.73 | 123627.33  | 1.03    | ppb   |
| Rhodium    | 103-1 |           |           |           | 95         |         | %     |
| Rhodium    | 103-2 |           |           |           | 92         |         | %     |
| Scandium   | 45-1  |           |           |           | 101        |         | %     |
| Scandium   | 45-2  |           |           |           | 95         |         | %     |
| Selenium   | 77-2  | 628.22    | 496.97    | 713.61    | 612.94     | 17.80   | ppb   |
| Selenium   | 78-2  | 525.66    | 541.80    | 502.34    | 523.27     | 3.79    | ppb   |
| Selenium   | 82-1  | 486.01    | 496.81    | 490.53    | 491.11     | 1.10    | ppb   |
| Silicon    | 28-1  | 545.96    | 561.77    | 567.37    | 558.37     | 1.99    | ppb   |
| Silver     | 109-1 | 497.79    | 499.84    | 496.13    | 497.92     | 0.37    | ppb   |
| Silver     | 107-1 | 499.03    | 497.94    | 497.08    | 498.02     | 0.20    | ppb   |
| Sodium     | 23-2  | 243023.27 | 247251.87 | 242862.61 | 244379.25  | 1.02    | ppb   |
| Strontium  | 86-1  | 497.86    | 504.89    | 493.57    | 498.77     | 1.15    | ppb   |
| Strontium  | 88-1  | 506.56    | 509.14    | 502.86    | 506.19     | 0.62    | ppb   |
| Sulfur     | 34-1  | 9322.64   | 9389.90   | 9069.18   | 9260.57    | 1.83    | ppb   |
| Terbium    | 159-1 |           |           |           | 103        |         | %     |
| Terbium    | 159-2 |           |           |           | 99         |         | %     |
| Thallium   | 203-1 | 509.28    | 514.33    | 509.65    | 511.09     | 0.55    | ppb   |
| Thallium   | 205-1 | 505.49    | 503.95    | 499.65    | 503.03     | 0.60    | ppb   |
| Tin        | 118-1 | 507.30    | 500.37    | 503.19    | 503.62     | 0.69    | ppb   |
| Titanium   | 47-1  | 2521.30   | 2546.18   | 2493.49   | 2520.32    | 1.05    | ppb   |
| Uranium    | 238-1 | 507.64    | 505.26    | 501.49    | 504.80     | 0.61    | ppb   |
| Vanadium   | 51-2  | 489.63    | 506.32    | 494.53    | 496.83     | 1.73    | ppb   |
| Yttrium    | 89-1  |           |           |           | 101        |         | %     |
| Yttrium    | 89-2  |           |           |           | 97         |         | %     |
| Zinc       | 66-2  | 938.90    | 951.61    | 955.42    | 948.64     | 0.91    | ppb   |
| Zirconium  | 90-1  | 495.02    | 503.57    | 492.99    | 497.19     | 1.13    | ppb   |

|                         |                     |                   |          |
|-------------------------|---------------------|-------------------|----------|
| LB Number :             | LB92809             | Operator :        | Jaswal   |
| Lab Sample ID :         | CCV037              | Instrumnet Name : | P8       |
| Client Sample ID :      | CCV037              | Dilution Factor : | 1        |
| Date & Time Acquired :: | 2018-01-22 14:37:51 | DataFile Name :   | 017CCV.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|-----------|------|---------|---------|---------|------------|---------|-------|
| Zirconium | 91-1 | 485.83  | 488.26  | 481.52  | 485.20     | 0.70    | ppb   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB92809             | Operator :        | Jaswal    |
| Lab Sample ID :         | CCB037              | Instrumnet Name : | P8        |
| Client Sample ID :      | CCB037              | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2018-01-22 14:40:53 | DataFile Name :   | 018CCBE.d |

| Parameter  | Mass  | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|------------|-------|---------|---------|---------|------------|---------|-------|
| Aluminium  | 27-2  | -3.12   | 5.25    | -1.08   | 0.35       | 1240.18 | ppb   |
| Antimony   | 121-1 | 0.25    | 0.24    | 0.25    | 0.25       | 1.84    | ppb   |
| Arsenic    | 75-2  | 0.05    | 0.11    | 0.02    | 0.06       | 75.17   | ppb   |
| Barium     | 135-1 | 0.02    | 0.00    | 0.01    | 0.01       | 118.25  | ppb   |
| Barium     | 137-1 | 0.02    | 0.03    | 0.02    | 0.02       | 23.21   | ppb   |
| Beryllium  | 9-1   | 0.34    | 0.37    | 0.35    | 0.35       | 4.83    | ppb   |
| Bismuth    | 209-1 |         |         |         | 101        |         | %     |
| Bismuth    | 209-2 |         |         |         | 96         |         | %     |
| Boron      | 10-1  | 16.71   | 18.49   | 23.53   | 19.58      | 18.07   | ppb   |
| Boron      | 11-1  | 18.29   | 19.10   | 17.98   | 18.46      | 3.15    | ppb   |
| Cadmium    | 111-1 | 0.00    | 0.03    | -0.03   | 0.00       | 2723.19 | ppb   |
| Cadmium    | 106-1 | -0.41   | 0.06    | -0.57   | -0.31      |         | ppb   |
| Cadmium    | 108-1 | 0.15    | 0.11    | 0.08    | 0.12       | 28.33   | ppb   |
| Calcium    | 43-1  | -9.78   | -13.58  | -20.34  | -14.57     |         | ppb   |
| Calcium    | 44-1  | -1.66   | -1.30   | 3.18    | 0.07       | 3801.45 | ppb   |
| Chromium   | 52-2  | -0.01   | 0.03    | 0.00    | 0.01       | 226.56  | ppb   |
| Cobalt     | 59-2  | 0.00    | 0.01    | -0.01   | 0.00       |         | ppb   |
| Copper     | 63-2  | 0.02    | 0.05    | 0.04    | 0.04       | 35.58   | ppb   |
| Dysprosium | 156-1 |         |         |         |            |         | cps   |
| Dysprosium | 156-2 |         |         |         |            |         | cps   |
| Erbium     | 164-1 |         |         |         |            |         | cps   |
| Erbium     | 164-2 |         |         |         |            |         | cps   |
| Gadolinium | 160-1 |         |         |         |            |         | cps   |
| Gadolinium | 160-2 |         |         |         |            |         | cps   |
| Holmium    | 165-1 |         |         |         | 100        |         | %     |
| Holmium    | 165-2 |         |         |         | 96         |         | %     |
| Indium     | 115-1 |         |         |         | 100        |         | %     |
| Indium     | 115-2 |         |         |         | 93         |         | %     |
| Iron       | 56-2  | 4.96    | 4.93    | 4.71    | 4.87       | 2.85    | ppb   |
| Iron       | 57-2  | 3.42    | 7.63    | 4.47    | 5.17       | 42.30   | ppb   |
| Lead       | 206-1 | 0.09    | 0.05    | 0.05    | 0.06       | 33.20   | ppb   |
| Lead       | 207-1 | 0.04    | 0.07    | 0.05    | 0.05       | 25.63   | ppb   |
| Lead       | 208-1 | 0.06    | 0.05    | 0.05    | 0.06       | 9.26    | ppb   |
| Lithium    | 6-1   |         |         |         | 97         |         | %     |
| Magnesium  | 24-2  | -3.34   | -5.75   | -4.10   | -4.40      |         | ppb   |
| Manganese  | 55-2  | 0.08    | 0.00    | 0.10    | 0.06       | 91.64   | ppb   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB92809             | Operator :        | Jaswal    |
| Lab Sample ID :         | CCB037              | Instrumnet Name : | P8        |
| Client Sample ID :      | CCB037              | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2018-01-22 14:40:53 | DataFile Name :   | 018CCBE.d |

| Parameter  | Mass  | ConRep1  | ConRep2  | ConRep3 | Avg. Conc. | ConcRSD | Units |
|------------|-------|----------|----------|---------|------------|---------|-------|
| Molybdenum | 94-1  | 0.11     | 0.13     | 0.09    | 0.11       | 18.06   | ppb   |
| Molybdenum | 95-1  | 0.14     | 0.11     | 0.14    | 0.13       | 11.41   | ppb   |
| Molybdenum | 96-1  | 0.18     | 0.11     | 0.14    | 0.14       | 23.23   | ppb   |
| Molybdenum | 97-1  | 0.16     | 0.17     | 0.12    | 0.15       | 19.02   | ppb   |
| Molybdenum | 98-1  | 0.12     | 0.12     | 0.13    | 0.12       | 4.67    | ppb   |
| Neodymium  | 150-1 |          |          |         |            |         | cps   |
| Neodymium  | 150-2 |          |          |         |            |         | cps   |
| Nickel     | 60-2  | 0.56     | 0.52     | 0.61    | 0.56       | 8.17    | ppb   |
| Phosphorus | 31-2  | -4.97    | -4.97    | 27.61   | 5.89       | 319.46  | ppb   |
| Potassium  | 39-2  | 12.33    | 19.04    | 27.93   | 19.77      | 39.59   | ppb   |
| Rhodium    | 103-1 |          |          |         | 98         |         | %     |
| Rhodium    | 103-2 |          |          |         | 95         |         | %     |
| Scandium   | 45-1  |          |          |         | 98         |         | %     |
| Scandium   | 45-2  |          |          |         | 91         |         | %     |
| Selenium   | 77-2  | 0.00     | 0.00     | 0.00    | 0.00       | N/A     | ppb   |
| Selenium   | 78-2  | 0.46     | -0.77    | -0.77   | -0.36      |         | ppb   |
| Selenium   | 82-1  | 0.43     | 0.03     | 0.33    | 0.26       | 80.07   | ppb   |
| Silicon    | 28-1  | -4.11    | -3.33    | 0.56    | -2.29      |         | ppb   |
| Silver     | 109-1 | 0.01     | 0.01     | 0.01    | 0.01       | 17.65   | ppb   |
| Silver     | 107-1 | 0.01     | 0.03     | 0.02    | 0.02       | 41.58   | ppb   |
| Sodium     | 23-2  | 40.42    | 64.33    | 35.90   | 46.88      | 32.59   | ppb   |
| Strontium  | 86-1  | 0.03     | 0.02     | 0.14    | 0.06       | 103.60  | ppb   |
| Strontium  | 88-1  | 0.00     | 0.00     | 0.00    | 0.00       | 103.79  | ppb   |
| Sulfur     | 34-1  | -1603.84 | -1236.65 | -532.58 | -1124.35   |         | ppb   |
| Terbium    | 159-1 |          |          |         | 100        |         | %     |
| Terbium    | 159-2 |          |          |         | 95         |         | %     |
| Thallium   | 203-1 | 0.13     | 0.10     | 0.14    | 0.13       | 17.62   | ppb   |
| Thallium   | 205-1 | 0.14     | 0.15     | 0.14    | 0.14       | 2.84    | ppb   |
| Tin        | 118-1 | 0.06     | 0.06     | 0.09    | 0.07       | 20.84   | ppb   |
| Titanium   | 47-1  | 0.05     | 0.02     | 0.04    | 0.03       | 44.87   | ppb   |
| Uranium    | 238-1 | 0.00     | 0.00     | 0.00    | 0.00       | 209.34  | ppb   |
| Vanadium   | 51-2  | 0.01     | -0.01    | -0.01   | 0.00       |         | ppb   |
| Yttrium    | 89-1  |          |          |         | 98         |         | %     |
| Yttrium    | 89-2  |          |          |         | 93         |         | %     |
| Zinc       | 66-2  | 0.23     | 0.09     | 0.05    | 0.12       | 79.59   | ppb   |
| Zirconium  | 90-1  | 0.03     | 0.03     | 0.04    | 0.03       | 22.11   | ppb   |



|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB92809             | Operator :        | Jaswal    |
| Lab Sample ID :         | CCB037              | Instrumnet Name : | P8        |
| Client Sample ID :      | CCB037              | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2018-01-22 14:40:53 | DataFile Name :   | 018CCBE.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|-----------|------|---------|---------|---------|------------|---------|-------|
| Zirconium | 91-1 | 0.03    | 0.02    | 0.03    | 0.03       | 21.39   | ppb   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB92809             | Operator :        | Jaswal    |
| Lab Sample ID :         | CRI                 | Instrumnet Name : | P8        |
| Client Sample ID :      | CRI                 | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2018-01-22 14:44:04 | DataFile Name :   | 019SMPL.d |

| Parameter  | Mass  | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|------------|-------|---------|---------|---------|------------|---------|-------|
| Aluminium  | 27-2  | 22.47   | 27.36   | 12.71   | 20.84      | 35.78   | ppb   |
| Antimony   | 121-1 | 1.92    | 2.02    | 2.19    | 2.04       | 6.55    | ppb   |
| Arsenic    | 75-2  | 1.20    | 0.91    | 0.67    | 0.93       | 28.27   | ppb   |
| Barium     | 135-1 | 9.91    | 9.60    | 10.23   | 9.91       | 3.17    | ppb   |
| Barium     | 137-1 | 9.39    | 10.14   | 10.49   | 10.01      | 5.62    | ppb   |
| Beryllium  | 9-1   | 1.32    | 1.25    | 1.36    | 1.31       | 4.00    | ppb   |
| Bismuth    | 209-1 |         |         |         | 99         |         | %     |
| Bismuth    | 209-2 |         |         |         | 99         |         | %     |
| Boron      | 10-1  | 31.38   | 34.00   | 34.43   | 33.27      | 4.95    | ppb   |
| Boron      | 11-1  | 31.54   | 32.12   | 34.92   | 32.86      | 5.49    | ppb   |
| Cadmium    | 111-1 | 1.06    | 1.04    | 1.17    | 1.09       | 6.67    | ppb   |
| Cadmium    | 106-1 | 1.39    | 0.97    | 1.19    | 1.18       | 17.84   | ppb   |
| Cadmium    | 108-1 | 1.09    | 1.11    | 1.05    | 1.08       | 2.62    | ppb   |
| Calcium    | 43-1  | 447.90  | 502.57  | 526.50  | 492.32     | 8.18    | ppb   |
| Calcium    | 44-1  | 456.17  | 466.69  | 509.91  | 477.59     | 5.96    | ppb   |
| Chromium   | 52-2  | 2.08    | 2.39    | 2.00    | 2.15       | 9.51    | ppb   |
| Cobalt     | 59-2  | 0.99    | 1.00    | 1.02    | 1.00       | 1.33    | ppb   |
| Copper     | 63-2  | 2.22    | 2.13    | 2.09    | 2.15       | 3.26    | ppb   |
| Dysprosium | 156-1 |         |         |         |            |         | cps   |
| Dysprosium | 156-2 |         |         |         |            |         | cps   |
| Erbium     | 164-1 |         |         |         |            |         | cps   |
| Erbium     | 164-2 |         |         |         |            |         | cps   |
| Gadolinium | 160-1 |         |         |         |            |         | cps   |
| Gadolinium | 160-2 |         |         |         |            |         | cps   |
| Holmium    | 165-1 |         |         |         | 98         |         | %     |
| Holmium    | 165-2 |         |         |         | 98         |         | %     |
| Indium     | 115-1 |         |         |         | 97         |         | %     |
| Indium     | 115-2 |         |         |         | 96         |         | %     |
| Iron       | 56-2  | 49.02   | 49.77   | 51.68   | 50.16      | 2.73    | ppb   |
| Iron       | 57-2  | 45.32   | 55.47   | 48.35   | 49.72      | 10.48   | ppb   |
| Lead       | 206-1 | 0.93    | 0.99    | 1.11    | 1.01       | 9.34    | ppb   |
| Lead       | 207-1 | 0.94    | 1.01    | 1.09    | 1.01       | 7.29    | ppb   |
| Lead       | 208-1 | 0.93    | 1.01    | 1.09    | 1.01       | 7.89    | ppb   |
| Lithium    | 6-1   |         |         |         | 95         |         | %     |
| Magnesium  | 24-2  | 459.89  | 504.68  | 439.13  | 467.90     | 7.16    | ppb   |
| Manganese  | 55-2  | 0.97    | 0.90    | 0.96    | 0.94       | 3.95    | ppb   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB92809             | Operator :        | Jaswal    |
| Lab Sample ID :         | CRI                 | Instrumnet Name : | P8        |
| Client Sample ID :      | CRI                 | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2018-01-22 14:44:04 | DataFile Name :   | 019SMPL.d |

| Parameter  | Mass  | ConRep1  | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|------------|-------|----------|---------|---------|------------|---------|-------|
| Molybdenum | 94-1  | 4.80     | 5.16    | 5.05    | 5.00       | 3.74    | ppb   |
| Molybdenum | 95-1  | 4.79     | 4.76    | 5.04    | 4.86       | 3.20    | ppb   |
| Molybdenum | 96-1  | 4.68     | 4.72    | 5.18    | 4.86       | 5.72    | ppb   |
| Molybdenum | 97-1  | 4.53     | 4.78    | 5.41    | 4.90       | 9.32    | ppb   |
| Molybdenum | 98-1  | 4.72     | 4.88    | 5.24    | 4.95       | 5.36    | ppb   |
| Neodymium  | 150-1 |          |         |         |            |         | cps   |
| Neodymium  | 150-2 |          |         |         |            |         | cps   |
| Nickel     | 60-2  | 1.40     | 1.82    | 1.09    | 1.44       | 25.47   | ppb   |
| Phosphorus | 31-2  | -4.97    | 92.60   | 58.38   | 48.67      | 101.72  | ppb   |
| Potassium  | 39-2  | 426.90   | 466.93  | 499.16  | 464.33     | 7.80    | ppb   |
| Rhodium    | 103-1 |          |         |         | 95         |         | %     |
| Rhodium    | 103-2 |          |         |         | 97         |         | %     |
| Scandium   | 45-1  |          |         |         | 94         |         | %     |
| Scandium   | 45-2  |          |         |         | 95         |         | %     |
| Selenium   | 77-2  | 14.95    | 7.53    | 7.31    | 9.93       | 43.79   | ppb   |
| Selenium   | 78-2  | 4.08     | 2.90    | 11.10   | 6.02       | 73.54   | ppb   |
| Selenium   | 82-1  | 4.56     | 5.32    | 5.42    | 5.10       | 9.21    | ppb   |
| Silicon    | 28-1  | 6.03     | 7.66    | 19.96   | 11.22      | 67.86   | ppb   |
| Silver     | 109-1 | 1.03     | 1.02    | 1.06    | 1.04       | 2.07    | ppb   |
| Silver     | 107-1 | 1.02     | 1.02    | 1.06    | 1.03       | 2.21    | ppb   |
| Sodium     | 23-2  | 496.84   | 504.58  | 481.77  | 494.40     | 2.35    | ppb   |
| Strontium  | 86-1  | 0.90     | 1.07    | 1.20    | 1.06       | 14.24   | ppb   |
| Strontium  | 88-1  | 0.96     | 1.01    | 1.02    | 1.00       | 3.00    | ppb   |
| Sulfur     | 34-1  | -1263.77 | -656.66 | 635.95  | -428.16    |         | ppb   |
| Terbium    | 159-1 |          |         |         | 98         |         | %     |
| Terbium    | 159-2 |          |         |         | 99         |         | %     |
| Thallium   | 203-1 | 1.09     | 1.06    | 1.19    | 1.11       | 5.95    | ppb   |
| Thallium   | 205-1 | 1.04     | 1.12    | 1.11    | 1.09       | 4.17    | ppb   |
| Tin        | 118-1 | 5.08     | 4.92    | 5.26    | 5.08       | 3.37    | ppb   |
| Titanium   | 47-1  | 4.83     | 5.04    | 5.25    | 5.04       | 4.14    | ppb   |
| Uranium    | 238-1 | 0.89     | 0.93    | 0.94    | 0.92       | 2.52    | ppb   |
| Vanadium   | 51-2  | 4.80     | 4.66    | 4.67    | 4.71       | 1.68    | ppb   |
| Yttrium    | 89-1  |          |         |         | 96         |         | %     |
| Yttrium    | 89-2  |          |         |         | 96         |         | %     |
| Zinc       | 66-2  | 2.40     | 3.05    | 1.80    | 2.42       | 25.95   | ppb   |
| Zirconium  | 90-1  | 1.03     | 1.03    | 1.11    | 1.06       | 4.08    | ppb   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB92809             | Operator :        | Jaswal    |
| Lab Sample ID :         | CRI                 | Instrumnet Name : | P8        |
| Client Sample ID :      | CRI                 | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2018-01-22 14:44:04 | DataFile Name :   | 019SMPL.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|-----------|------|---------|---------|---------|------------|---------|-------|
| Zirconium | 91-1 | 0.86    | 1.02    | 1.06    | 0.98       | 10.95   | ppb   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB92809             | Operator :        | Jaswal    |
| Lab Sample ID :         | PB105856BL          | Instrumnet Name : | P8        |
| Client Sample ID :      | PBS008              | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2018-01-22 14:47:15 | DataFile Name :   | 020CCBE.d |

| Parameter  | Mass  | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|------------|-------|---------|---------|---------|------------|---------|-------|
| Aluminium  | 27-2  | -1.00   | -3.12   | 0.81    | -1.10      |         | ppb   |
| Antimony   | 121-1 | 0.03    | 0.04    | 0.03    | 0.03       | 24.81   | ppb   |
| Arsenic    | 75-2  | -0.01   | -0.01   | 0.02    | 0.00       | 853.04  | ppb   |
| Barium     | 135-1 | -0.02   | -0.01   | -0.01   | -0.01      |         | ppb   |
| Barium     | 137-1 | 0.01    | 0.00    | -0.01   | 0.00       | 460.73  | ppb   |
| Beryllium  | 9-1   | 0.23    | 0.23    | 0.20    | 0.22       | 6.14    | ppb   |
| Bismuth    | 209-1 |         |         |         | 104        |         | %     |
| Bismuth    | 209-2 |         |         |         | 98         |         | %     |
| Boron      | 10-1  | 8.14    | 7.67    | 8.31    | 8.04       | 4.10    | ppb   |
| Boron      | 11-1  | 8.66    | 8.14    | 7.82    | 8.21       | 5.16    | ppb   |
| Cadmium    | 111-1 | 0.06    | 0.04    | -0.05   | 0.02       | 342.99  | ppb   |
| Cadmium    | 106-1 | 0.62    | 0.65    | -0.69   | 0.19       | 395.56  | ppb   |
| Cadmium    | 108-1 | 0.00    | 0.08    | 0.08    | 0.05       | 88.10   | ppb   |
| Calcium    | 43-1  | -12.67  | -8.51   | -14.61  | -11.93     |         | ppb   |
| Calcium    | 44-1  | -3.68   | -4.21   | -4.37   | -4.09      |         | ppb   |
| Chromium   | 52-2  | 0.08    | 0.04    | 0.03    | 0.05       | 55.86   | ppb   |
| Cobalt     | 59-2  | -0.01   | 0.01    | 0.00    | 0.00       | 696.75  | ppb   |
| Copper     | 63-2  | -0.02   | 0.00    | 0.01    | -0.01      |         | ppb   |
| Dysprosium | 156-1 |         |         |         |            |         | cps   |
| Dysprosium | 156-2 |         |         |         |            |         | cps   |
| Erbium     | 164-1 |         |         |         |            |         | cps   |
| Erbium     | 164-2 |         |         |         |            |         | cps   |
| Gadolinium | 160-1 |         |         |         |            |         | cps   |
| Gadolinium | 160-2 |         |         |         |            |         | cps   |
| Holmium    | 165-1 |         |         |         | 103        |         | %     |
| Holmium    | 165-2 |         |         |         | 98         |         | %     |
| Indium     | 115-1 |         |         |         | 102        |         | %     |
| Indium     | 115-2 |         |         |         | 95         |         | %     |
| Iron       | 56-2  | 2.45    | 1.76    | 2.02    | 2.08       | 16.86   | ppb   |
| Iron       | 57-2  | 5.35    | -0.72   | 4.19    | 2.94       | 109.69  | ppb   |
| Lead       | 206-1 | 0.04    | 0.05    | 0.05    | 0.05       | 6.52    | ppb   |
| Lead       | 207-1 | 0.02    | 0.02    | 0.00    | 0.01       | 74.90   | ppb   |
| Lead       | 208-1 | 0.03    | 0.03    | 0.03    | 0.03       | 4.23    | ppb   |
| Lithium    | 6-1   |         |         |         | 99         |         | %     |
| Magnesium  | 24-2  | -0.72   | -0.46   | -3.16   | -1.45      |         | ppb   |
| Manganese  | 55-2  | -0.05   | 0.01    | -0.07   | -0.03      |         | ppb   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB92809             | Operator :        | Jaswal    |
| Lab Sample ID :         | PB105856BL          | Instrumnet Name : | P8        |
| Client Sample ID :      | PBS008              | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2018-01-22 14:47:15 | DataFile Name :   | 020CCBE.d |

| Parameter  | Mass  | ConRep1  | ConRep2  | ConRep3 | Avg. Conc. | ConcRSD | Units |
|------------|-------|----------|----------|---------|------------|---------|-------|
| Molybdenum | 94-1  | 0.03     | 0.03     | -0.01   | 0.02       | 125.71  | ppb   |
| Molybdenum | 95-1  | 0.02     | 0.02     | 0.02    | 0.02       | 13.28   | ppb   |
| Molybdenum | 96-1  | 0.03     | 0.03     | 0.03    | 0.03       | 13.07   | ppb   |
| Molybdenum | 97-1  | 0.02     | 0.01     | -0.01   | 0.01       | 230.99  | ppb   |
| Molybdenum | 98-1  | 0.02     | 0.01     | 0.02    | 0.02       | 7.56    | ppb   |
| Neodymium  | 150-1 |          |          |         |            |         | cps   |
| Neodymium  | 150-2 |          |          |         |            |         | cps   |
| Nickel     | 60-2  | 0.51     | 0.11     | 0.17    | 0.26       | 81.97   | ppb   |
| Phosphorus | 31-2  | -4.97    | 27.34    | -4.97   | 5.80       | 321.73  | ppb   |
| Potassium  | 39-2  | 8.06     | 23.21    | 0.49    | 10.59      | 109.27  | ppb   |
| Rhodium    | 103-1 |          |          |         | 100        |         | %     |
| Rhodium    | 103-2 |          |          |         | 97         |         | %     |
| Scandium   | 45-1  |          |          |         | 99         |         | %     |
| Scandium   | 45-2  |          |          |         | 93         |         | %     |
| Selenium   | 77-2  | 0.00     | 0.00     | 0.00    | 0.00       | N/A     | ppb   |
| Selenium   | 78-2  | -0.77    | -0.77    | -0.77   | -0.77      |         | ppb   |
| Selenium   | 82-1  | 0.03     | 0.89     | 0.16    | 0.36       | 129.11  | ppb   |
| Silicon    | 28-1  | -12.04   | -12.95   | -10.23  | -11.74     |         | ppb   |
| Silver     | 109-1 | 0.01     | 0.01     | 0.01    | 0.01       | 35.51   | ppb   |
| Silver     | 107-1 | 0.01     | 0.00     | 0.00    | 0.00       | 55.37   | ppb   |
| Sodium     | 23-2  | 31.73    | 27.20    | 23.77   | 27.57      | 14.49   | ppb   |
| Strontium  | 86-1  | -0.01    | -0.03    | 0.01    | -0.01      |         | ppb   |
| Strontium  | 88-1  | 0.00     | 0.00     | 0.00    | 0.00       | 137.17  | ppb   |
| Sulfur     | 34-1  | -1224.92 | -1211.28 | -997.84 | -1144.68   |         | ppb   |
| Terbium    | 159-1 |          |          |         | 103        |         | %     |
| Terbium    | 159-2 |          |          |         | 97         |         | %     |
| Thallium   | 203-1 | 0.07     | 0.04     | 0.04    | 0.05       | 36.17   | ppb   |
| Thallium   | 205-1 | 0.06     | 0.07     | 0.05    | 0.06       | 15.00   | ppb   |
| Tin        | 118-1 | 0.00     | 0.02     | 0.04    | 0.02       | 95.18   | ppb   |
| Titanium   | 47-1  | -0.03    | -0.02    | 0.01    | -0.01      |         | ppb   |
| Uranium    | 238-1 | 0.00     | 0.00     | 0.00    | 0.00       |         | ppb   |
| Vanadium   | 51-2  | 0.00     | 0.02     | 0.01    | 0.01       | 107.86  | ppb   |
| Yttrium    | 89-1  |          |          |         | 101        |         | %     |
| Yttrium    | 89-2  |          |          |         | 95         |         | %     |
| Zinc       | 66-2  | 0.02     | 0.08     | 0.11    | 0.07       | 69.61   | ppb   |
| Zirconium  | 90-1  | 0.00     | 0.01     | 0.01    | 0.01       | 87.83   | ppb   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB92809             | Operator :        | Jaswal    |
| Lab Sample ID :         | PB105856BL          | Instrumnet Name : | P8        |
| Client Sample ID :      | PBS008              | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2018-01-22 14:47:15 | DataFile Name :   | 020CCBE.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|-----------|------|---------|---------|---------|------------|---------|-------|
| Zirconium | 91-1 | 0.00    | 0.01    | 0.02    | 0.01       | 114.80  | ppb   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB92809             | Operator :        | Jaswal    |
| Lab Sample ID :         | PB105856BS          | Instrumnet Name : | P8        |
| Client Sample ID :      | LCS008              | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2018-01-22 14:50:26 | DataFile Name :   | 021LCSE.d |

| Parameter  | Mass  | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|------------|-------|---------|---------|---------|------------|---------|-------|
| Aluminium  | 27-2  | 40.24   | 40.08   | 36.33   | 38.88      | 5.69    | ppb   |
| Antimony   | 121-1 | 4.06    | 3.84    | 3.71    | 3.87       | 4.53    | ppb   |
| Arsenic    | 75-2  | 1.88    | 2.32    | 1.94    | 2.05       | 11.70   | ppb   |
| Barium     | 135-1 | 20.69   | 18.78   | 19.08   | 19.52      | 5.26    | ppb   |
| Barium     | 137-1 | 20.42   | 19.12   | 19.18   | 19.57      | 3.75    | ppb   |
| Beryllium  | 9-1   | 2.31    | 2.08    | 2.19    | 2.19       | 5.26    | ppb   |
| Bismuth    | 209-1 |         |         |         | 102        |         | %     |
| Bismuth    | 209-2 |         |         |         | 100        |         | %     |
| Boron      | 10-1  | 53.91   | 45.87   | 50.12   | 49.96      | 8.05    | ppb   |
| Boron      | 11-1  | 51.84   | 51.96   | 53.21   | 52.34      | 1.45    | ppb   |
| Cadmium    | 111-1 | 2.20    | 2.07    | 1.90    | 2.06       | 7.37    | ppb   |
| Cadmium    | 106-1 | 2.76    | 2.77    | 0.84    | 2.12       | 52.31   | ppb   |
| Cadmium    | 108-1 | 2.25    | 1.82    | 2.10    | 2.05       | 10.64   | ppb   |
| Calcium    | 43-1  | 1018.73 | 904.53  | 901.68  | 941.65     | 7.09    | ppb   |
| Calcium    | 44-1  | 978.71  | 932.26  | 899.09  | 936.69     | 4.27    | ppb   |
| Chromium   | 52-2  | 4.11    | 4.05    | 4.40    | 4.18       | 4.47    | ppb   |
| Cobalt     | 59-2  | 1.94    | 1.94    | 2.01    | 1.97       | 2.09    | ppb   |
| Copper     | 63-2  | 3.77    | 3.72    | 4.08    | 3.86       | 4.99    | ppb   |
| Dysprosium | 156-1 |         |         |         |            |         | cps   |
| Dysprosium | 156-2 |         |         |         |            |         | cps   |
| Erbium     | 164-1 |         |         |         |            |         | cps   |
| Erbium     | 164-2 |         |         |         |            |         | cps   |
| Gadolinium | 160-1 |         |         |         |            |         | cps   |
| Gadolinium | 160-2 |         |         |         |            |         | cps   |
| Holmium    | 165-1 |         |         |         | 101        |         | %     |
| Holmium    | 165-2 |         |         |         | 100        |         | %     |
| Indium     | 115-1 |         |         |         | 99         |         | %     |
| Indium     | 115-2 |         |         |         | 97         |         | %     |
| Iron       | 56-2  | 432.96  | 436.08  | 458.96  | 442.67     | 3.21    | ppb   |
| Iron       | 57-2  | 433.15  | 440.34  | 460.52  | 444.67     | 3.19    | ppb   |
| Lead       | 206-1 | 2.10    | 1.89    | 1.95    | 1.98       | 5.38    | ppb   |
| Lead       | 207-1 | 2.09    | 1.94    | 1.97    | 2.00       | 3.97    | ppb   |
| Lead       | 208-1 | 2.07    | 1.91    | 1.95    | 1.98       | 4.11    | ppb   |
| Lithium    | 6-1   |         |         |         | 97         |         | %     |
| Magnesium  | 24-2  | 922.02  | 918.79  | 1011.97 | 950.93     | 5.56    | ppb   |
| Manganese  | 55-2  | 2.34    | 2.33    | 2.30    | 2.33       | 0.93    | ppb   |



|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB92809             | Operator :        | Jaswal    |
| Lab Sample ID :         | PB105856BS          | Instrumnet Name : | P8        |
| Client Sample ID :      | LCS008              | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2018-01-22 14:50:26 | DataFile Name :   | 021LCSE.d |

| Parameter  | Mass  | ConRep1 | ConRep2  | ConRep3  | Avg. Conc. | ConcRSD | Units |
|------------|-------|---------|----------|----------|------------|---------|-------|
| Molybdenum | 94-1  | 10.10   | 9.28     | 9.49     | 9.62       | 4.43    | ppb   |
| Molybdenum | 95-1  | 9.86    | 9.32     | 9.37     | 9.52       | 3.16    | ppb   |
| Molybdenum | 96-1  | 10.29   | 9.35     | 9.08     | 9.57       | 6.61    | ppb   |
| Molybdenum | 97-1  | 10.05   | 9.63     | 9.01     | 9.56       | 5.45    | ppb   |
| Molybdenum | 98-1  | 9.97    | 9.16     | 9.10     | 9.41       | 5.18    | ppb   |
| Neodymium  | 150-1 |         |          |          |            |         | cps   |
| Neodymium  | 150-2 |         |          |          |            |         | cps   |
| Nickel     | 60-2  | 2.33    | 2.31     | 2.74     | 2.46       | 9.78    | ppb   |
| Phosphorus | 31-2  | 26.57   | -4.97    | 61.52    | 27.71      | 120.05  | ppb   |
| Potassium  | 39-2  | 973.71  | 907.20   | 992.79   | 957.90     | 4.69    | ppb   |
| Rhodium    | 103-1 |         |          |          | 98         |         | %     |
| Rhodium    | 103-2 |         |          |          | 98         |         | %     |
| Scandium   | 45-1  |         |          |          | 97         |         | %     |
| Scandium   | 45-2  |         |          |          | 94         |         | %     |
| Selenium   | 77-2  | 7.32    | 7.39     | 0.00     | 4.90       | 86.61   | ppb   |
| Selenium   | 78-2  | 14.67   | 10.03    | 9.97     | 11.56      | 23.31   | ppb   |
| Selenium   | 82-1  | 10.90   | 10.11    | 9.45     | 10.15      | 7.15    | ppb   |
| Silicon    | 28-1  | 29.97   | 20.37    | 16.70    | 22.35      | 30.66   | ppb   |
| Silver     | 109-1 | 2.12    | 1.98     | 2.01     | 2.04       | 3.50    | ppb   |
| Silver     | 107-1 | 2.26    | 1.89     | 2.06     | 2.07       | 8.79    | ppb   |
| Sodium     | 23-2  | 944.19  | 972.68   | 1021.35  | 979.41     | 3.98    | ppb   |
| Strontium  | 86-1  | 2.34    | 1.75     | 1.75     | 1.95       | 17.58   | ppb   |
| Strontium  | 88-1  | 2.18    | 1.91     | 1.84     | 1.98       | 9.08    | ppb   |
| Sulfur     | 34-1  | -273.82 | -1049.46 | -1150.84 | -824.71    |         | ppb   |
| Terbium    | 159-1 |         |          |          | 101        |         | %     |
| Terbium    | 159-2 |         |          |          | 99         |         | %     |
| Thallium   | 203-1 | 2.01    | 2.05     | 1.91     | 1.99       | 3.53    | ppb   |
| Thallium   | 205-1 | 2.10    | 1.96     | 2.03     | 2.03       | 3.59    | ppb   |
| Tin        | 118-1 | 9.98    | 9.29     | 9.40     | 9.56       | 3.91    | ppb   |
| Titanium   | 47-1  | 10.22   | 10.18    | 9.41     | 9.94       | 4.59    | ppb   |
| Uranium    | 238-1 | 1.98    | 1.79     | 1.76     | 1.84       | 6.65    | ppb   |
| Vanadium   | 51-2  | 9.54    | 9.49     | 9.42     | 9.48       | 0.60    | ppb   |
| Yttrium    | 89-1  |         |          |          | 99         |         | %     |
| Yttrium    | 89-2  |         |          |          | 97         |         | %     |
| Zinc       | 66-2  | 3.85    | 3.90     | 4.89     | 4.21       | 13.95   | ppb   |
| Zirconium  | 90-1  | 2.06    | 1.86     | 1.91     | 1.94       | 5.40    | ppb   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB92809             | Operator :        | Jaswal    |
| Lab Sample ID :         | PB105856BS          | Instrumnet Name : | P8        |
| Client Sample ID :      | LCS008              | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2018-01-22 14:50:26 | DataFile Name :   | 021LCSE.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|-----------|------|---------|---------|---------|------------|---------|-------|
| Zirconium | 91-1 | 2.01    | 1.89    | 2.02    | 1.98       | 3.71    | ppb   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB92809             | Operator :        | Jaswal    |
| Lab Sample ID :         | J1225-01            | Instrumnet Name : | P8        |
| Client Sample ID :      | MF6A63              | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2018-01-22 14:56:05 | DataFile Name :   | 022SMPL.d |

| Parameter  | Mass  | ConRep1  | ConRep2  | ConRep3  | Avg. Conc. | ConcRSD | Units |
|------------|-------|----------|----------|----------|------------|---------|-------|
| Aluminium  | 27-2  | 10572.04 | 11392.90 | 10380.69 | 10781.88   | 4.99    | ppb   |
| Antimony   | 121-1 | 0.27     | 0.26     | 0.31     | 0.28       | 10.39   | ppb   |
| Arsenic    | 75-2  | 26.26    | 31.09    | 27.14    | 28.17      | 9.14    | ppb   |
| Barium     | 135-1 | 326.77   | 328.84   | 332.18   | 329.26     | 0.83    | ppb   |
| Barium     | 137-1 | 328.06   | 331.15   | 329.54   | 329.58     | 0.47    | ppb   |
| Beryllium  | 9-1   | 1.79     | 2.07     | 2.08     | 1.98       | 8.33    | ppb   |
| Bismuth    | 209-1 |          |          |          | 105        |         | %     |
| Bismuth    | 209-2 |          |          |          | 97         |         | %     |
| Boron      | 10-1  | 4.83     | 7.23     | 6.49     | 6.18       | 19.93   | ppb   |
| Boron      | 11-1  | 6.08     | 6.81     | 7.34     | 6.74       | 9.33    | ppb   |
| Cadmium    | 111-1 | 0.06     | 0.18     | 0.13     | 0.13       | 47.87   | ppb   |
| Cadmium    | 106-1 | -0.06    | 1.31     | 0.46     | 0.57       | 122.11  | ppb   |
| Cadmium    | 108-1 | 0.37     | 0.56     | 0.49     | 0.47       | 20.28   | ppb   |
| Calcium    | 43-1  | 9111.16  | 9060.90  | 9190.78  | 9120.94    | 0.72    | ppb   |
| Calcium    | 44-1  | 9259.22  | 9243.55  | 9243.43  | 9248.73    | 0.10    | ppb   |
| Chromium   | 52-2  | 40.77    | 46.03    | 40.93    | 42.57      | 7.03    | ppb   |
| Cobalt     | 59-2  | 14.82    | 16.54    | 15.05    | 15.47      | 6.05    | ppb   |
| Copper     | 63-2  | 32.14    | 35.48    | 32.59    | 33.40      | 5.42    | ppb   |
| Dysprosium | 156-1 |          |          |          |            |         | cps   |
| Dysprosium | 156-2 |          |          |          |            |         | cps   |
| Erbium     | 164-1 |          |          |          |            |         | cps   |
| Erbium     | 164-2 |          |          |          |            |         | cps   |
| Gadolinium | 160-1 |          |          |          |            |         | cps   |
| Gadolinium | 160-2 |          |          |          |            |         | cps   |
| Holmium    | 165-1 |          |          |          | 104        |         | %     |
| Holmium    | 165-2 |          |          |          | 98         |         | %     |
| Indium     | 115-1 |          |          |          | 102        |         | %     |
| Indium     | 115-2 |          |          |          | 94         |         | %     |
| Iron       | 56-2  | 22535.31 | 24728.40 | 22765.14 | 23342.95   | 5.16    | ppb   |
| Iron       | 57-2  | 22285.86 | 24269.13 | 22430.33 | 22995.11   | 4.81    | ppb   |
| Lead       | 206-1 | 33.46    | 33.03    | 33.04    | 33.18      | 0.73    | ppb   |
| Lead       | 207-1 | 29.66    | 29.87    | 30.03    | 29.86      | 0.63    | ppb   |
| Lead       | 208-1 | 31.36    | 31.43    | 31.43    | 31.40      | 0.13    | ppb   |
| Lithium    | 6-1   |          |          |          | 99         |         | %     |
| Magnesium  | 24-2  | 2798.51  | 3057.35  | 2848.23  | 2901.37    | 4.73    | ppb   |
| Manganese  | 55-2  | 456.08   | 500.15   | 465.78   | 474.00     | 4.89    | ppb   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB92809             | Operator :        | Jaswal    |
| Lab Sample ID :         | J1225-01            | Instrumnet Name : | P8        |
| Client Sample ID :      | MF6A63              | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2018-01-22 14:56:05 | DataFile Name :   | 022SMPL.d |

| Parameter  | Mass  | ConRep1  | ConRep2  | ConRep3  | Avg. Conc. | ConcRSD | Units |
|------------|-------|----------|----------|----------|------------|---------|-------|
| Molybdenum | 94-1  | 3.09     | 3.11     | 3.01     | 3.07       | 1.63    | ppb   |
| Molybdenum | 95-1  | 0.52     | 0.60     | 0.59     | 0.57       | 7.97    | ppb   |
| Molybdenum | 96-1  | 0.89     | 1.07     | 1.02     | 0.99       | 9.60    | ppb   |
| Molybdenum | 97-1  | 0.60     | 0.71     | 0.40     | 0.57       | 28.04   | ppb   |
| Molybdenum | 98-1  | 0.54     | 0.55     | 0.54     | 0.54       | 0.75    | ppb   |
| Neodymium  | 150-1 |          |          |          |            |         | cps   |
| Neodymium  | 150-2 |          |          |          |            |         | cps   |
| Nickel     | 60-2  | 12.86    | 13.77    | 11.84    | 12.83      | 7.53    | ppb   |
| Phosphorus | 31-2  | 87.74    | -4.97    | -4.97    | 25.93      | 206.42  | ppb   |
| Potassium  | 39-2  | 433.76   | 506.82   | 418.46   | 453.02     | 10.42   | ppb   |
| Rhodium    | 103-1 |          |          |          | 101        |         | %     |
| Rhodium    | 103-2 |          |          |          | 96         |         | %     |
| Scandium   | 45-1  |          |          |          | 102        |         | %     |
| Scandium   | 45-2  |          |          |          | 94         |         | %     |
| Selenium   | 77-2  | 47.61    | 80.61    | 54.49    | 60.90      | 28.58   | ppb   |
| Selenium   | 78-2  | 6.95     | 9.93     | 12.48    | 9.79       | 28.30   | ppb   |
| Selenium   | 82-1  | 1.30     | 0.42     | 0.24     | 0.65       | 86.74   | ppb   |
| Silicon    | 28-1  | 1443.04  | 1456.87  | 1415.32  | 1438.41    | 1.47    | ppb   |
| Silver     | 109-1 | 0.14     | 0.19     | 0.16     | 0.17       | 14.11   | ppb   |
| Silver     | 107-1 | 0.17     | 0.19     | 0.17     | 0.18       | 4.04    | ppb   |
| Sodium     | 23-2  | 340.25   | 367.93   | 346.98   | 351.72     | 4.11    | ppb   |
| Strontium  | 86-1  | 42.43    | 43.45    | 43.46    | 43.11      | 1.38    | ppb   |
| Strontium  | 88-1  | 43.68    | 44.12    | 43.60    | 43.80      | 0.64    | ppb   |
| Sulfur     | 34-1  | -2303.13 | -2308.34 | -2612.35 | -2407.94   |         | ppb   |
| Terbium    | 159-1 |          |          |          | 105        |         | %     |
| Terbium    | 159-2 |          |          |          | 97         |         | %     |
| Thallium   | 203-1 | 0.29     | 0.27     | 0.26     | 0.27       | 6.49    | ppb   |
| Thallium   | 205-1 | 0.30     | 0.29     | 0.30     | 0.30       | 0.94    | ppb   |
| Tin        | 118-1 | 0.77     | 0.80     | 0.84     | 0.80       | 4.37    | ppb   |
| Titanium   | 47-1  | 13.92    | 15.14    | 13.32    | 14.12      | 6.57    | ppb   |
| Uranium    | 238-1 | 1.47     | 1.47     | 1.47     | 1.47       | 0.09    | ppb   |
| Vanadium   | 51-2  | 51.43    | 55.87    | 50.57    | 52.63      | 5.41    | ppb   |
| Yttrium    | 89-1  |          |          |          | 110        |         | %     |
| Yttrium    | 89-2  |          |          |          | 102        |         | %     |
| Zinc       | 66-2  | 78.92    | 86.52    | 79.01    | 81.48      | 5.35    | ppb   |
| Zirconium  | 90-1  | 1.80     | 1.79     | 1.76     | 1.78       | 1.37    | ppb   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB92809             | Operator :        | Jaswal    |
| Lab Sample ID :         | J1225-01            | Instrumnet Name : | P8        |
| Client Sample ID :      | MF6A63              | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2018-01-22 14:56:05 | DataFile Name :   | 022SMPL.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|-----------|------|---------|---------|---------|------------|---------|-------|
| Zirconium | 91-1 | 1.89    | 1.88    | 1.74    | 1.84       | 4.40    | ppb   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB92809             | Operator :        | Jaswal    |
| Lab Sample ID :         | J1225-02            | Instrumnet Name : | P8        |
| Client Sample ID :      | MF6A64              | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2018-01-22 14:59:15 | DataFile Name :   | 023SMPL.d |

| Parameter  | Mass  | ConRep1  | ConRep2  | ConRep3  | Avg. Conc. | ConcRSD | Units |
|------------|-------|----------|----------|----------|------------|---------|-------|
| Aluminium  | 27-2  | 13676.66 | 13480.58 | 13687.05 | 13614.76   | 0.85    | ppb   |
| Antimony   | 121-1 | 0.35     | 0.35     | 0.38     | 0.36       | 4.56    | ppb   |
| Arsenic    | 75-2  | 22.75    | 22.83    | 23.56    | 23.05      | 1.94    | ppb   |
| Barium     | 135-1 | 692.58   | 684.09   | 685.62   | 687.43     | 0.66    | ppb   |
| Barium     | 137-1 | 710.84   | 699.50   | 699.23   | 703.19     | 0.94    | ppb   |
| Beryllium  | 9-1   | 3.73     | 4.46     | 4.24     | 4.14       | 9.05    | ppb   |
| Bismuth    | 209-1 |          |          |          | 107        |         | %     |
| Bismuth    | 209-2 |          |          |          | 102        |         | %     |
| Boron      | 10-1  | 5.35     | 6.75     | 7.15     | 6.41       | 14.72   | ppb   |
| Boron      | 11-1  | 5.77     | 5.82     | 6.01     | 5.87       | 2.15    | ppb   |
| Cadmium    | 111-1 | 0.53     | 0.43     | 0.50     | 0.48       | 10.56   | ppb   |
| Cadmium    | 106-1 | 2.45     | 1.86     | 2.81     | 2.38       | 20.19   | ppb   |
| Cadmium    | 108-1 | 0.51     | 0.61     | 0.76     | 0.63       | 20.15   | ppb   |
| Calcium    | 43-1  | 10580.55 | 10398.77 | 10618.13 | 10532.49   | 1.11    | ppb   |
| Calcium    | 44-1  | 10652.14 | 10549.58 | 10675.05 | 10625.59   | 0.63    | ppb   |
| Chromium   | 52-2  | 19.97    | 19.91    | 19.51    | 19.80      | 1.27    | ppb   |
| Cobalt     | 59-2  | 30.50    | 31.02    | 30.30    | 30.60      | 1.22    | ppb   |
| Copper     | 63-2  | 39.43    | 39.65    | 39.90    | 39.66      | 0.59    | ppb   |
| Dysprosium | 156-1 |          |          |          |            |         | cps   |
| Dysprosium | 156-2 |          |          |          |            |         | cps   |
| Erbium     | 164-1 |          |          |          |            |         | cps   |
| Erbium     | 164-2 |          |          |          |            |         | cps   |
| Gadolinium | 160-1 |          |          |          |            |         | cps   |
| Gadolinium | 160-2 |          |          |          |            |         | cps   |
| Holmium    | 165-1 |          |          |          | 108        |         | %     |
| Holmium    | 165-2 |          |          |          | 104        |         | %     |
| Indium     | 115-1 |          |          |          | 104        |         | %     |
| Indium     | 115-2 |          |          |          | 99         |         | %     |
| Iron       | 56-2  | 39437.38 | 39474.13 | 38961.09 | 39290.86   | 0.73    | ppb   |
| Iron       | 57-2  | 38717.39 | 38636.04 | 38091.79 | 38481.74   | 0.88    | ppb   |
| Lead       | 206-1 | 32.93    | 31.95    | 32.37    | 32.41      | 1.51    | ppb   |
| Lead       | 207-1 | 29.15    | 28.51    | 28.93    | 28.86      | 1.14    | ppb   |
| Lead       | 208-1 | 30.79    | 30.22    | 30.45    | 30.49      | 0.95    | ppb   |
| Lithium    | 6-1   |          |          |          | 101        |         | %     |
| Magnesium  | 24-2  | 6649.94  | 6646.61  | 6506.95  | 6601.17    | 1.24    | ppb   |
| Manganese  | 55-2  | 1801.09  | 1793.02  | 1772.29  | 1788.80    | 0.83    | ppb   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB92809             | Operator :        | Jaswal    |
| Lab Sample ID :         | J1225-02            | Instrumnet Name : | P8        |
| Client Sample ID :      | MF6A64              | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2018-01-22 14:59:15 | DataFile Name :   | 023SMPL.d |

| Parameter  | Mass  | ConRep1  | ConRep2  | ConRep3  | Avg. Conc. | ConcRSD | Units |
|------------|-------|----------|----------|----------|------------|---------|-------|
| Molybdenum | 94-1  | 4.77     | 4.80     | 5.02     | 4.86       | 2.78    | ppb   |
| Molybdenum | 95-1  | 1.81     | 1.78     | 1.78     | 1.79       | 1.14    | ppb   |
| Molybdenum | 96-1  | 2.23     | 2.22     | 2.09     | 2.18       | 3.61    | ppb   |
| Molybdenum | 97-1  | 1.84     | 1.64     | 1.76     | 1.75       | 5.90    | ppb   |
| Molybdenum | 98-1  | 1.76     | 1.70     | 1.84     | 1.77       | 3.83    | ppb   |
| Neodymium  | 150-1 |          |          |          |            |         | cps   |
| Neodymium  | 150-2 |          |          |          |            |         | cps   |
| Nickel     | 60-2  | 62.73    | 62.88    | 61.31    | 62.31      | 1.39    | ppb   |
| Phosphorus | 31-2  | 389.13   | 357.51   | 353.92   | 366.85     | 5.28    | ppb   |
| Potassium  | 39-2  | 930.13   | 908.26   | 933.77   | 924.05     | 1.49    | ppb   |
| Rhodium    | 103-1 |          |          |          | 103        |         | %     |
| Rhodium    | 103-2 |          |          |          | 102        |         | %     |
| Scandium   | 45-1  |          |          |          | 106        |         | %     |
| Scandium   | 45-2  |          |          |          | 100        |         | %     |
| Selenium   | 77-2  | 256.01   | 161.79   | 134.09   | 183.96     | 34.74   | ppb   |
| Selenium   | 78-2  | 24.85    | 26.38    | 27.32    | 26.18      | 4.77    | ppb   |
| Selenium   | 82-1  | 1.64     | 0.78     | 1.15     | 1.19       | 36.25   | ppb   |
| Silicon    | 28-1  | 1369.25  | 1284.85  | 1328.33  | 1327.48    | 3.18    | ppb   |
| Silver     | 109-1 | 0.11     | 0.11     | 0.12     | 0.11       | 6.24    | ppb   |
| Silver     | 107-1 | 0.12     | 0.11     | 0.11     | 0.11       | 4.58    | ppb   |
| Sodium     | 23-2  | 583.85   | 590.78   | 585.45   | 586.69     | 0.62    | ppb   |
| Strontium  | 86-1  | 42.55    | 42.85    | 42.47    | 42.63      | 0.47    | ppb   |
| Strontium  | 88-1  | 43.71    | 43.77    | 43.61    | 43.70      | 0.18    | ppb   |
| Sulfur     | 34-1  | -2972.91 | -3186.62 | -3212.86 | -3124.13   |         | ppb   |
| Terbium    | 159-1 |          |          |          | 108        |         | %     |
| Terbium    | 159-2 |          |          |          | 103        |         | %     |
| Thallium   | 203-1 | 0.31     | 0.31     | 0.32     | 0.31       | 2.13    | ppb   |
| Thallium   | 205-1 | 0.32     | 0.30     | 0.31     | 0.31       | 3.58    | ppb   |
| Tin        | 118-1 | 0.79     | 0.86     | 1.25     | 0.97       | 25.54   | ppb   |
| Titanium   | 47-1  | 36.60    | 36.88    | 37.28    | 36.92      | 0.93    | ppb   |
| Uranium    | 238-1 | 1.97     | 1.97     | 1.96     | 1.96       | 0.33    | ppb   |
| Vanadium   | 51-2  | 57.86    | 57.68    | 57.66    | 57.73      | 0.19    | ppb   |
| Yttrium    | 89-1  |          |          |          | 135        |         | %     |
| Yttrium    | 89-2  |          |          |          | 129        |         | %     |
| Zinc       | 66-2  | 75.73    | 76.25    | 74.38    | 75.45      | 1.28    | ppb   |
| Zirconium  | 90-1  | 2.33     | 2.32     | 2.32     | 2.32       | 0.25    | ppb   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB92809             | Operator :        | Jaswal    |
| Lab Sample ID :         | J1225-02            | Instrumnet Name : | P8        |
| Client Sample ID :      | MF6A64              | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2018-01-22 14:59:15 | DataFile Name :   | 023SMPL.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|-----------|------|---------|---------|---------|------------|---------|-------|
| Zirconium | 91-1 | 2.32    | 2.33    | 2.26    | 2.30       | 1.75    | ppb   |



|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB92809             | Operator :        | Jaswal    |
| Lab Sample ID :         | J1225-03            | Instrumnet Name : | P8        |
| Client Sample ID :      | MF6A65              | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2018-01-22 15:02:26 | DataFile Name :   | 024SMPL.d |

| Parameter  | Mass  | ConRep1  | ConRep2  | ConRep3  | Avg. Conc. | ConcRSD | Units |
|------------|-------|----------|----------|----------|------------|---------|-------|
| Aluminium  | 27-2  | 14248.91 | 13910.94 | 14398.91 | 14186.25   | 1.76    | ppb   |
| Antimony   | 121-1 | 0.39     | 0.40     | 0.40     | 0.40       | 1.17    | ppb   |
| Arsenic    | 75-2  | 26.70    | 26.46    | 26.89    | 26.69      | 0.81    | ppb   |
| Barium     | 135-1 | 840.67   | 840.74   | 830.09   | 837.17     | 0.73    | ppb   |
| Barium     | 137-1 | 857.98   | 860.28   | 845.11   | 854.46     | 0.96    | ppb   |
| Beryllium  | 9-1   | 2.58     | 2.28     | 2.19     | 2.35       | 8.58    | ppb   |
| Bismuth    | 209-1 |          |          |          | 107        |         | %     |
| Bismuth    | 209-2 |          |          |          | 101        |         | %     |
| Boron      | 10-1  | 5.71     | 6.53     | 5.67     | 5.97       | 8.14    | ppb   |
| Boron      | 11-1  | 6.63     | 6.43     | 6.14     | 6.40       | 3.85    | ppb   |
| Cadmium    | 111-1 | 0.41     | 0.42     | 0.48     | 0.44       | 7.94    | ppb   |
| Cadmium    | 106-1 | 1.07     | 1.33     | 1.84     | 1.42       | 27.73   | ppb   |
| Cadmium    | 108-1 | 0.47     | 0.62     | 0.69     | 0.59       | 18.64   | ppb   |
| Calcium    | 43-1  | 27269.01 | 27828.74 | 27391.52 | 27496.42   | 1.07    | ppb   |
| Calcium    | 44-1  | 27435.63 | 27618.47 | 27193.55 | 27415.88   | 0.78    | ppb   |
| Chromium   | 52-2  | 45.01    | 43.31    | 44.25    | 44.19      | 1.94    | ppb   |
| Cobalt     | 59-2  | 18.11    | 17.23    | 17.67    | 17.67      | 2.49    | ppb   |
| Copper     | 63-2  | 57.45    | 55.75    | 57.82    | 57.01      | 1.94    | ppb   |
| Dysprosium | 156-1 |          |          |          |            |         | cps   |
| Dysprosium | 156-2 |          |          |          |            |         | cps   |
| Erbium     | 164-1 |          |          |          |            |         | cps   |
| Erbium     | 164-2 |          |          |          |            |         | cps   |
| Gadolinium | 160-1 |          |          |          |            |         | cps   |
| Gadolinium | 160-2 |          |          |          |            |         | cps   |
| Holmium    | 165-1 |          |          |          | 108        |         | %     |
| Holmium    | 165-2 |          |          |          | 102        |         | %     |
| Indium     | 115-1 |          |          |          | 105        |         | %     |
| Indium     | 115-2 |          |          |          | 98         |         | %     |
| Iron       | 56-2  | 23710.08 | 22645.91 | 23736.18 | 23364.06   | 2.66    | ppb   |
| Iron       | 57-2  | 23205.03 | 22491.24 | 23635.24 | 23110.50   | 2.50    | ppb   |
| Lead       | 206-1 | 39.00    | 39.22    | 39.44    | 39.22      | 0.56    | ppb   |
| Lead       | 207-1 | 34.84    | 35.01    | 35.32    | 35.05      | 0.70    | ppb   |
| Lead       | 208-1 | 36.74    | 36.80    | 37.04    | 36.86      | 0.42    | ppb   |
| Lithium    | 6-1   |          |          |          | 101        |         | %     |
| Magnesium  | 24-2  | 10047.77 | 9869.26  | 10201.29 | 10039.44   | 1.66    | ppb   |
| Manganese  | 55-2  | 645.94   | 618.80   | 648.37   | 637.70     | 2.57    | ppb   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB92809             | Operator :        | Jaswal    |
| Lab Sample ID :         | J1225-03            | Instrumnet Name : | P8        |
| Client Sample ID :      | MF6A65              | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2018-01-22 15:02:26 | DataFile Name :   | 024SMPL.d |

| Parameter  | Mass  | ConRep1  | ConRep2  | ConRep3  | Avg. Conc. | ConcRSD | Units |
|------------|-------|----------|----------|----------|------------|---------|-------|
| Molybdenum | 94-1  | 5.75     | 5.92     | 5.66     | 5.78       | 2.23    | ppb   |
| Molybdenum | 95-1  | 0.38     | 0.48     | 0.49     | 0.45       | 13.18   | ppb   |
| Molybdenum | 96-1  | 1.26     | 1.17     | 1.06     | 1.16       | 8.66    | ppb   |
| Molybdenum | 97-1  | 0.40     | 0.43     | 0.46     | 0.43       | 6.66    | ppb   |
| Molybdenum | 98-1  | 0.44     | 0.45     | 0.42     | 0.44       | 4.22    | ppb   |
| Neodymium  | 150-1 |          |          |          |            |         | cps   |
| Neodymium  | 150-2 |          |          |          |            |         | cps   |
| Nickel     | 60-2  | 45.65    | 43.35    | 46.05    | 45.02      | 3.23    | ppb   |
| Phosphorus | 31-2  | 593.78   | 359.35   | 474.31   | 475.81     | 24.64   | ppb   |
| Potassium  | 39-2  | 1647.35  | 1568.65  | 1671.10  | 1629.03    | 3.29    | ppb   |
| Rhodium    | 103-1 |          |          |          | 103        |         | %     |
| Rhodium    | 103-2 |          |          |          | 100        |         | %     |
| Scandium   | 45-1  |          |          |          | 105        |         | %     |
| Scandium   | 45-2  |          |          |          | 96         |         | %     |
| Selenium   | 77-2  | 98.30    | 78.97    | 81.12    | 86.13      | 12.30   | ppb   |
| Selenium   | 78-2  | 10.92    | 9.90     | 15.68    | 12.17      | 25.33   | ppb   |
| Selenium   | 82-1  | 0.34     | 1.17     | 0.64     | 0.72       | 58.49   | ppb   |
| Silicon    | 28-1  | 1117.58  | 1588.77  | 1145.14  | 1283.83    | 20.60   | ppb   |
| Silver     | 109-1 | 0.12     | 0.10     | 0.10     | 0.10       | 9.25    | ppb   |
| Silver     | 107-1 | 0.08     | 0.08     | 0.10     | 0.09       | 11.89   | ppb   |
| Sodium     | 23-2  | 743.11   | 716.86   | 773.95   | 744.64     | 3.84    | ppb   |
| Strontium  | 86-1  | 70.76    | 71.79    | 71.66    | 71.40      | 0.79    | ppb   |
| Strontium  | 88-1  | 74.99    | 75.13    | 74.91    | 75.01      | 0.14    | ppb   |
| Sulfur     | 34-1  | -3105.90 | -2647.84 | -2625.79 | -2793.18   |         | ppb   |
| Terbium    | 159-1 |          |          |          | 108        |         | %     |
| Terbium    | 159-2 |          |          |          | 102        |         | %     |
| Thallium   | 203-1 | 0.35     | 0.31     | 0.33     | 0.33       | 6.50    | ppb   |
| Thallium   | 205-1 | 0.33     | 0.34     | 0.33     | 0.33       | 1.78    | ppb   |
| Tin        | 118-1 | 1.13     | 1.15     | 1.10     | 1.13       | 2.35    | ppb   |
| Titanium   | 47-1  | 32.74    | 34.91    | 37.11    | 34.92      | 6.25    | ppb   |
| Uranium    | 238-1 | 1.47     | 1.45     | 1.49     | 1.47       | 1.24    | ppb   |
| Vanadium   | 51-2  | 45.10    | 42.69    | 45.05    | 44.28      | 3.10    | ppb   |
| Yttrium    | 89-1  |          |          |          | 114        |         | %     |
| Yttrium    | 89-2  |          |          |          | 108        |         | %     |
| Zinc       | 66-2  | 183.99   | 173.30   | 182.93   | 180.07     | 3.27    | ppb   |
| Zirconium  | 90-1  | 3.49     | 3.64     | 3.62     | 3.58       | 2.28    | ppb   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB92809             | Operator :        | Jaswal    |
| Lab Sample ID :         | J1225-03            | Instrumnet Name : | P8        |
| Client Sample ID :      | MF6A65              | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2018-01-22 15:02:26 | DataFile Name :   | 024SMPL.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|-----------|------|---------|---------|---------|------------|---------|-------|
| Zirconium | 91-1 | 3.44    | 3.46    | 3.53    | 3.47       | 1.40    | ppb   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB92809             | Operator :        | Jaswal    |
| Lab Sample ID :         | J1225-04            | Instrumnet Name : | P8        |
| Client Sample ID :      | MF6A66              | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2018-01-22 15:05:36 | DataFile Name :   | 025SMPL.d |

| Parameter  | Mass  | ConRep1   | ConRep2   | ConRep3   | Avg. Conc. | ConcRSD | Units |
|------------|-------|-----------|-----------|-----------|------------|---------|-------|
| Aluminium  | 27-2  | 12515.01  | 12595.55  | 12235.67  | 12448.74   | 1.52    | ppb   |
| Antimony   | 121-1 | 0.22      | 0.24      | 0.20      | 0.22       | 9.82    | ppb   |
| Arsenic    | 75-2  | 12.27     | 11.40     | 11.34     | 11.67      | 4.46    | ppb   |
| Barium     | 135-1 | 524.19    | 528.66    | 516.35    | 523.07     | 1.19    | ppb   |
| Barium     | 137-1 | 526.23    | 533.03    | 533.62    | 530.96     | 0.77    | ppb   |
| Beryllium  | 9-1   | 1.73      | 1.74      | 1.77      | 1.75       | 1.19    | ppb   |
| Bismuth    | 209-1 |           |           |           | 105        |         | %     |
| Bismuth    | 209-2 |           |           |           | 101        |         | %     |
| Boron      | 10-1  | 9.11      | 8.42      | 8.61      | 8.71       | 4.06    | ppb   |
| Boron      | 11-1  | 8.72      | 8.40      | 7.61      | 8.24       | 6.89    | ppb   |
| Cadmium    | 111-1 | 1.44      | 1.31      | 1.39      | 1.38       | 4.79    | ppb   |
| Cadmium    | 106-1 | 3.29      | 2.41      | 1.36      | 2.35       | 41.09   | ppb   |
| Cadmium    | 108-1 | 1.94      | 1.89      | 1.85      | 1.89       | 2.33    | ppb   |
| Calcium    | 43-1  | 163514.22 | 160539.77 | 164464.08 | 162839.36  | 1.26    | ppb   |
| Calcium    | 44-1  | 159222.06 | 160672.07 | 160255.22 | 160049.78  | 0.47    | ppb   |
| Chromium   | 52-2  | 20.16     | 20.00     | 19.30     | 19.82      | 2.31    | ppb   |
| Cobalt     | 59-2  | 13.03     | 13.26     | 12.91     | 13.07      | 1.38    | ppb   |
| Copper     | 63-2  | 30.11     | 31.07     | 30.79     | 30.66      | 1.61    | 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 |           |           |           | 105        |         | %     |
| Holmium    | 165-2 |           |           |           | 103        |         | %     |
| Indium     | 115-1 |           |           |           | 103        |         | %     |
| Indium     | 115-2 |           |           |           | 97         |         | %     |
| Iron       | 56-2  | 17089.94  | 17483.96  | 16986.86  | 17186.92   | 1.53    | ppb   |
| Iron       | 57-2  | 16668.88  | 16834.34  | 16658.42  | 16720.55   | 0.59    | ppb   |
| Lead       | 206-1 | 26.01     | 25.74     | 25.71     | 25.82      | 0.65    | ppb   |
| Lead       | 207-1 | 23.35     | 23.15     | 22.77     | 23.09      | 1.29    | ppb   |
| Lead       | 208-1 | 24.33     | 24.49     | 23.99     | 24.27      | 1.05    | ppb   |
| Lithium    | 6-1   |           |           |           | 99         |         | %     |
| Magnesium  | 24-2  | 9540.44   | 9847.33   | 9642.11   | 9676.63    | 1.62    | ppb   |
| Manganese  | 55-2  | 649.42    | 667.44    | 652.21    | 656.36     | 1.48    | ppb   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB92809             | Operator :        | Jaswal    |
| Lab Sample ID :         | J1225-04            | Instrumnet Name : | P8        |
| Client Sample ID :      | MF6A66              | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2018-01-22 15:05:36 | DataFile Name :   | 025SMPL.d |

| Parameter  | Mass  | ConRep1  | ConRep2  | ConRep3  | Avg. Conc. | ConcRSD | Units |
|------------|-------|----------|----------|----------|------------|---------|-------|
| Molybdenum | 94-1  | 6.32     | 5.63     | 5.48     | 5.81       | 7.74    | ppb   |
| Molybdenum | 95-1  | 0.24     | 0.25     | 0.23     | 0.24       | 5.86    | ppb   |
| Molybdenum | 96-1  | 0.89     | 0.84     | 0.90     | 0.88       | 3.76    | ppb   |
| Molybdenum | 97-1  | 0.22     | 0.27     | 0.24     | 0.24       | 10.49   | ppb   |
| Molybdenum | 98-1  | 0.23     | 0.21     | 0.28     | 0.24       | 14.54   | ppb   |
| Neodymium  | 150-1 |          |          |          |            |         | cps   |
| Neodymium  | 150-2 |          |          |          |            |         | cps   |
| Nickel     | 60-2  | 32.29    | 31.59    | 30.95    | 31.61      | 2.12    | ppb   |
| Phosphorus | 31-2  | 921.13   | 985.67   | 899.03   | 935.28     | 4.81    | ppb   |
| Potassium  | 39-2  | 1877.04  | 1982.06  | 1841.76  | 1900.28    | 3.84    | ppb   |
| Rhodium    | 103-1 |          |          |          | 100        |         | %     |
| Rhodium    | 103-2 |          |          |          | 98         |         | %     |
| Scandium   | 45-1  |          |          |          | 102        |         | %     |
| Scandium   | 45-2  |          |          |          | 93         |         | %     |
| Selenium   | 77-2  | 90.34    | 59.54    | 111.90   | 87.26      | 30.16   | ppb   |
| Selenium   | 78-2  | 11.79    | 11.03    | 7.77     | 10.19      | 20.95   | ppb   |
| Selenium   | 82-1  | 1.47     | 1.37     | 0.81     | 1.21       | 29.18   | ppb   |
| Silicon    | 28-1  | 2019.15  | 2034.90  | 2052.23  | 2035.43    | 0.81    | ppb   |
| Silver     | 109-1 | 0.09     | 0.10     | 0.10     | 0.09       | 8.43    | ppb   |
| Silver     | 107-1 | 0.11     | 0.09     | 0.09     | 0.10       | 10.45   | ppb   |
| Sodium     | 23-2  | 654.16   | 647.56   | 663.47   | 655.06     | 1.22    | ppb   |
| Strontium  | 86-1  | 131.22   | 130.76   | 130.95   | 130.97     | 0.17    | ppb   |
| Strontium  | 88-1  | 137.52   | 133.89   | 136.18   | 135.86     | 1.35    | ppb   |
| Sulfur     | 34-1  | -1931.25 | -2169.26 | -2175.33 | -2091.94   |         | ppb   |
| Terbium    | 159-1 |          |          |          | 105        |         | %     |
| Terbium    | 159-2 |          |          |          | 102        |         | %     |
| Thallium   | 203-1 | 0.44     | 0.44     | 0.48     | 0.45       | 5.30    | ppb   |
| Thallium   | 205-1 | 0.44     | 0.46     | 0.45     | 0.45       | 2.01    | ppb   |
| Tin        | 118-1 | 0.92     | 0.99     | 0.95     | 0.96       | 3.74    | ppb   |
| Titanium   | 47-1  | 45.58    | 44.78    | 45.53    | 45.30      | 0.99    | ppb   |
| Uranium    | 238-1 | 2.20     | 2.14     | 2.16     | 2.17       | 1.42    | ppb   |
| Vanadium   | 51-2  | 30.36    | 30.05    | 29.30    | 29.90      | 1.82    | ppb   |
| Yttrium    | 89-1  |          |          |          | 114        |         | %     |
| Yttrium    | 89-2  |          |          |          | 109        |         | %     |
| Zinc       | 66-2  | 108.98   | 113.45   | 110.99   | 111.14     | 2.01    | ppb   |
| Zirconium  | 90-1  | 3.68     | 3.57     | 3.75     | 3.67       | 2.38    | ppb   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB92809             | Operator :        | Jaswal    |
| Lab Sample ID :         | J1225-04            | Instrumnet Name : | P8        |
| Client Sample ID :      | MF6A66              | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2018-01-22 15:05:36 | DataFile Name :   | 025SMPL.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|-----------|------|---------|---------|---------|------------|---------|-------|
| Zirconium | 91-1 | 8.00    | 3.49    | 3.77    | 5.09       | 49.66   | ppb   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB92809             | Operator :        | Jaswal    |
| Lab Sample ID :         | J1225-05            | Instrumnet Name : | P8        |
| Client Sample ID :      | MF6A67              | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2018-01-22 15:08:46 | DataFile Name :   | 026SMPL.d |

| Parameter  | Mass  | ConRep1  | ConRep2  | ConRep3  | Avg. Conc. | ConcRSD | Units |
|------------|-------|----------|----------|----------|------------|---------|-------|
| Aluminium  | 27-2  | 8283.27  | 8716.43  | 8752.05  | 8583.91    | 3.04    | ppb   |
| Antimony   | 121-1 | 0.15     | 0.16     | 0.17     | 0.16       | 5.74    | ppb   |
| Arsenic    | 75-2  | 6.19     | 6.49     | 5.82     | 6.17       | 5.44    | ppb   |
| Barium     | 135-1 | 425.43   | 426.72   | 424.56   | 425.57     | 0.26    | ppb   |
| Barium     | 137-1 | 428.94   | 429.83   | 426.73   | 428.50     | 0.37    | ppb   |
| Beryllium  | 9-1   | 1.54     | 1.74     | 1.65     | 1.64       | 6.18    | ppb   |
| Bismuth    | 209-1 |          |          |          | 109        |         | %     |
| Bismuth    | 209-2 |          |          |          | 101        |         | %     |
| Boron      | 10-1  | 6.63     | 6.27     | 5.27     | 6.06       | 11.71   | ppb   |
| Boron      | 11-1  | 6.80     | 7.19     | 7.43     | 7.14       | 4.42    | ppb   |
| Cadmium    | 111-1 | 0.07     | 0.10     | 0.06     | 0.08       | 31.52   | ppb   |
| Cadmium    | 106-1 | 0.60     | 0.81     | -0.13    | 0.42       | 116.12  | ppb   |
| Cadmium    | 108-1 | 0.25     | 0.43     | 0.25     | 0.31       | 33.57   | ppb   |
| Calcium    | 43-1  | 10421.61 | 10316.30 | 10256.45 | 10331.45   | 0.81    | ppb   |
| Calcium    | 44-1  | 10513.47 | 10476.27 | 10284.28 | 10424.67   | 1.18    | ppb   |
| Chromium   | 52-2  | 13.16    | 13.02    | 13.11    | 13.10      | 0.56    | ppb   |
| Cobalt     | 59-2  | 13.36    | 14.22    | 13.58    | 13.72      | 3.26    | ppb   |
| Copper     | 63-2  | 17.21    | 18.19    | 17.04    | 17.48      | 3.54    | 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 |          |          |          | 108        |         | %     |
| Holmium    | 165-2 |          |          |          | 101        |         | %     |
| Indium     | 115-1 |          |          |          | 104        |         | %     |
| Indium     | 115-2 |          |          |          | 96         |         | %     |
| Iron       | 56-2  | 13380.51 | 13813.55 | 13460.73 | 13551.60   | 1.70    | ppb   |
| Iron       | 57-2  | 12990.74 | 13472.19 | 13262.95 | 13241.96   | 1.82    | ppb   |
| Lead       | 206-1 | 30.48    | 30.17    | 29.76    | 30.14      | 1.19    | ppb   |
| Lead       | 207-1 | 26.95    | 27.24    | 26.98    | 27.06      | 0.59    | ppb   |
| Lead       | 208-1 | 28.38    | 28.44    | 28.15    | 28.32      | 0.53    | ppb   |
| Lithium    | 6-1   |          |          |          | 100        |         | %     |
| Magnesium  | 24-2  | 7291.55  | 7469.46  | 7513.81  | 7424.94    | 1.58    | ppb   |
| Manganese  | 55-2  | 501.15   | 522.69   | 519.15   | 514.33     | 2.25    | ppb   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB92809             | Operator :        | Jaswal    |
| Lab Sample ID :         | J1225-05            | Instrumnet Name : | P8        |
| Client Sample ID :      | MF6A67              | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2018-01-22 15:08:46 | DataFile Name :   | 026SMPL.d |

| Parameter  | Mass  | ConRep1  | ConRep2  | ConRep3  | Avg. Conc. | ConcRSD | Units |
|------------|-------|----------|----------|----------|------------|---------|-------|
| Molybdenum | 94-1  | 2.32     | 2.30     | 2.37     | 2.33       | 1.52    | ppb   |
| Molybdenum | 95-1  | 0.18     | 0.21     | 0.19     | 0.19       | 7.42    | ppb   |
| Molybdenum | 96-1  | 0.49     | 0.44     | 0.48     | 0.47       | 5.99    | ppb   |
| Molybdenum | 97-1  | 0.20     | 0.20     | 0.17     | 0.19       | 9.13    | ppb   |
| Molybdenum | 98-1  | 0.18     | 0.14     | 0.14     | 0.15       | 12.63   | ppb   |
| Neodymium  | 150-1 |          |          |          |            |         | cps   |
| Neodymium  | 150-2 |          |          |          |            |         | cps   |
| Nickel     | 60-2  | 28.49    | 28.77    | 28.65    | 28.64      | 0.49    | ppb   |
| Phosphorus | 31-2  | 313.36   | 261.46   | 356.47   | 310.43     | 15.32   | ppb   |
| Potassium  | 39-2  | 1354.20  | 1396.88  | 1367.33  | 1372.80    | 1.59    | ppb   |
| Rhodium    | 103-1 |          |          |          | 103        |         | %     |
| Rhodium    | 103-2 |          |          |          | 99         |         | %     |
| Scandium   | 45-1  |          |          |          | 101        |         | %     |
| Scandium   | 45-2  |          |          |          | 92         |         | %     |
| Selenium   | 77-2  | 49.48    | 35.62    | 28.58    | 37.89      | 28.06   | ppb   |
| Selenium   | 78-2  | 6.11     | 5.01     | 6.18     | 5.77       | 11.42   | ppb   |
| Selenium   | 82-1  | 0.19     | 0.12     | 0.86     | 0.39       | 104.10  | ppb   |
| Silicon    | 28-1  | 1069.92  | 1089.70  | 1077.21  | 1078.94    | 0.93    | ppb   |
| Silver     | 109-1 | 0.08     | 0.07     | 0.08     | 0.08       | 4.34    | ppb   |
| Silver     | 107-1 | 0.09     | 0.10     | 0.08     | 0.09       | 9.84    | ppb   |
| Sodium     | 23-2  | 539.83   | 566.72   | 570.29   | 558.95     | 2.98    | ppb   |
| Strontium  | 86-1  | 46.91    | 47.00    | 46.06    | 46.66      | 1.11    | ppb   |
| Strontium  | 88-1  | 47.81    | 47.85    | 47.92    | 47.86      | 0.11    | ppb   |
| Sulfur     | 34-1  | -2348.68 | -2542.36 | -2585.75 | -2492.27   |         | ppb   |
| Terbium    | 159-1 |          |          |          | 108        |         | %     |
| Terbium    | 159-2 |          |          |          | 102        |         | %     |
| Thallium   | 203-1 | 0.25     | 0.22     | 0.23     | 0.23       | 6.92    | ppb   |
| Thallium   | 205-1 | 0.24     | 0.22     | 0.24     | 0.23       | 6.07    | ppb   |
| Tin        | 118-1 | 0.68     | 0.74     | 0.79     | 0.74       | 7.34    | ppb   |
| Titanium   | 47-1  | 19.43    | 19.01    | 18.93    | 19.12      | 1.41    | ppb   |
| Uranium    | 238-1 | 0.62     | 0.59     | 0.61     | 0.61       | 2.15    | ppb   |
| Vanadium   | 51-2  | 16.46    | 17.78    | 17.30    | 17.18      | 3.91    | ppb   |
| Yttrium    | 89-1  |          |          |          | 108        |         | %     |
| Yttrium    | 89-2  |          |          |          | 100        |         | %     |
| Zinc       | 66-2  | 69.42    | 71.54    | 73.26    | 71.41      | 2.70    | ppb   |
| Zirconium  | 90-1  | 1.48     | 1.43     | 1.45     | 1.45       | 1.90    | ppb   |



|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB92809             | Operator :        | Jaswal    |
| Lab Sample ID :         | J1225-05            | Instrumnet Name : | P8        |
| Client Sample ID :      | MF6A67              | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2018-01-22 15:08:46 | DataFile Name :   | 026SMPL.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|-----------|------|---------|---------|---------|------------|---------|-------|
| Zirconium | 91-1 | 1.45    | 1.42    | 1.43    | 1.43       | 0.91    | ppb   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB92809             | Operator :        | Jaswal    |
| Lab Sample ID :         | J1225-06            | Instrumnet Name : | P8        |
| Client Sample ID :      | MF6A68              | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2018-01-22 15:11:57 | DataFile Name :   | 027SMPL.d |

| Parameter  | Mass  | ConRep1  | ConRep2  | ConRep3  | Avg. Conc. | ConcRSD | Units |
|------------|-------|----------|----------|----------|------------|---------|-------|
| Aluminium  | 27-2  | 13337.09 | 13434.48 | 13353.57 | 13375.05   | 0.39    | ppb   |
| Antimony   | 121-1 | 0.41     | 0.36     | 0.36     | 0.38       | 7.36    | ppb   |
| Arsenic    | 75-2  | 37.46    | 37.92    | 37.14    | 37.51      | 1.05    | ppb   |
| Barium     | 135-1 | 547.24   | 541.85   | 542.50   | 543.86     | 0.54    | ppb   |
| Barium     | 137-1 | 552.08   | 555.28   | 553.49   | 553.62     | 0.29    | ppb   |
| Beryllium  | 9-1   | 1.97     | 1.95     | 2.14     | 2.02       | 5.18    | ppb   |
| Bismuth    | 209-1 |          |          |          | 109        |         | %     |
| Bismuth    | 209-2 |          |          |          | 101        |         | %     |
| Boron      | 10-1  | 3.55     | 5.67     | 4.19     | 4.47       | 24.38   | ppb   |
| Boron      | 11-1  | 5.14     | 5.27     | 5.31     | 5.24       | 1.67    | ppb   |
| Cadmium    | 111-1 | 0.21     | 0.21     | 0.26     | 0.23       | 11.98   | ppb   |
| Cadmium    | 106-1 | 1.10     | 0.70     | 1.40     | 1.06       | 33.03   | ppb   |
| Cadmium    | 108-1 | 0.51     | 0.54     | 0.69     | 0.58       | 16.60   | ppb   |
| Calcium    | 43-1  | 19133.01 | 19205.96 | 18883.21 | 19074.06   | 0.89    | ppb   |
| Calcium    | 44-1  | 18921.11 | 19482.61 | 18814.43 | 19072.72   | 1.88    | ppb   |
| Chromium   | 52-2  | 53.56    | 51.74    | 51.64    | 52.31      | 2.06    | ppb   |
| Cobalt     | 59-2  | 16.38    | 16.24    | 16.04    | 16.22      | 1.05    | ppb   |
| Copper     | 63-2  | 38.58    | 38.74    | 39.48    | 38.93      | 1.23    | ppb   |
| Dysprosium | 156-1 |          |          |          |            |         | cps   |
| Dysprosium | 156-2 |          |          |          |            |         | cps   |
| Erbium     | 164-1 |          |          |          |            |         | cps   |
| Erbium     | 164-2 |          |          |          |            |         | cps   |
| Gadolinium | 160-1 |          |          |          |            |         | cps   |
| Gadolinium | 160-2 |          |          |          |            |         | cps   |
| Holmium    | 165-1 |          |          |          | 108        |         | %     |
| Holmium    | 165-2 |          |          |          | 102        |         | %     |
| Indium     | 115-1 |          |          |          | 105        |         | %     |
| Indium     | 115-2 |          |          |          | 97         |         | %     |
| Iron       | 56-2  | 30270.61 | 30118.73 | 30433.29 | 30274.21   | 0.52    | ppb   |
| Iron       | 57-2  | 29416.59 | 29363.67 | 29747.24 | 29509.17   | 0.70    | ppb   |
| Lead       | 206-1 | 40.68    | 40.09    | 40.17    | 40.31      | 0.80    | ppb   |
| Lead       | 207-1 | 36.38    | 36.38    | 36.34    | 36.37      | 0.06    | ppb   |
| Lead       | 208-1 | 38.16    | 38.18    | 37.86    | 38.07      | 0.46    | ppb   |
| Lithium    | 6-1   |          |          |          | 100        |         | %     |
| Magnesium  | 24-2  | 4915.14  | 4935.76  | 4926.20  | 4925.70    | 0.21    | ppb   |
| Manganese  | 55-2  | 645.84   | 641.60   | 644.21   | 643.88     | 0.33    | ppb   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB92809             | Operator :        | Jaswal    |
| Lab Sample ID :         | J1225-06            | Instrumnet Name : | P8        |
| Client Sample ID :      | MF6A68              | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2018-01-22 15:11:57 | DataFile Name :   | 027SMPL.d |

| Parameter  | Mass  | ConRep1  | ConRep2  | ConRep3  | Avg. Conc. | ConcRSD | Units |
|------------|-------|----------|----------|----------|------------|---------|-------|
| Molybdenum | 94-1  | 5.17     | 5.16     | 7.17     | 5.83       | 19.85   | ppb   |
| Molybdenum | 95-1  | 0.91     | 0.88     | 0.90     | 0.89       | 1.69    | ppb   |
| Molybdenum | 96-1  | 1.50     | 1.26     | 1.48     | 1.41       | 9.20    | ppb   |
| Molybdenum | 97-1  | 0.80     | 0.77     | 0.90     | 0.82       | 8.29    | ppb   |
| Molybdenum | 98-1  | 0.86     | 0.91     | 0.83     | 0.87       | 4.27    | ppb   |
| Neodymium  | 150-1 |          |          |          |            |         | cps   |
| Neodymium  | 150-2 |          |          |          |            |         | cps   |
| Nickel     | 60-2  | 19.78    | 21.10    | 21.79    | 20.89      | 4.87    | ppb   |
| Phosphorus | 31-2  | 187.65   | 155.05   | 350.99   | 231.23     | 45.40   | ppb   |
| Potassium  | 39-2  | 770.44   | 759.80   | 765.57   | 765.27     | 0.70    | ppb   |
| Rhodium    | 103-1 |          |          |          | 102        |         | %     |
| Rhodium    | 103-2 |          |          |          | 99         |         | %     |
| Scandium   | 45-1  |          |          |          | 103        |         | %     |
| Scandium   | 45-2  |          |          |          | 94         |         | %     |
| Selenium   | 77-2  | 115.58   | 88.77    | 54.86    | 86.40      | 35.22   | ppb   |
| Selenium   | 78-2  | 9.15     | 6.98     | 10.35    | 8.83       | 19.35   | ppb   |
| Selenium   | 82-1  | 0.79     | 1.04     | 0.47     | 0.77       | 37.26   | ppb   |
| Silicon    | 28-1  | 2047.54  | 2105.83  | 1977.71  | 2043.70    | 3.14    | ppb   |
| Silver     | 109-1 | 0.14     | 0.13     | 0.15     | 0.14       | 5.98    | ppb   |
| Silver     | 107-1 | 0.15     | 0.14     | 0.11     | 0.13       | 13.12   | ppb   |
| Sodium     | 23-2  | 404.00   | 431.26   | 420.14   | 418.46     | 3.28    | ppb   |
| Strontium  | 86-1  | 59.02    | 58.31    | 58.76    | 58.70      | 0.61    | ppb   |
| Strontium  | 88-1  | 59.65    | 59.92    | 60.30    | 59.96      | 0.54    | ppb   |
| Sulfur     | 34-1  | -2874.65 | -2728.48 | -3092.14 | -2898.42   |         | ppb   |
| Terbium    | 159-1 |          |          |          | 108        |         | %     |
| Terbium    | 159-2 |          |          |          | 101        |         | %     |
| Thallium   | 203-1 | 0.23     | 0.25     | 0.24     | 0.24       | 4.99    | ppb   |
| Thallium   | 205-1 | 0.22     | 0.23     | 0.23     | 0.23       | 3.63    | ppb   |
| Tin        | 118-1 | 0.98     | 1.05     | 1.05     | 1.03       | 3.80    | ppb   |
| Titanium   | 47-1  | 43.60    | 38.84    | 43.80    | 42.08      | 6.67    | ppb   |
| Uranium    | 238-1 | 1.82     | 1.83     | 1.81     | 1.82       | 0.64    | ppb   |
| Vanadium   | 51-2  | 58.49    | 58.41    | 60.49    | 59.13      | 1.99    | ppb   |
| Yttrium    | 89-1  |          |          |          | 113        |         | %     |
| Yttrium    | 89-2  |          |          |          | 104        |         | %     |
| Zinc       | 66-2  | 147.49   | 153.81   | 150.84   | 150.71     | 2.10    | ppb   |
| Zirconium  | 90-1  | 2.76     | 2.74     | 3.12     | 2.87       | 7.41    | ppb   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB92809             | Operator :        | Jaswal    |
| Lab Sample ID :         | J1225-06            | Instrumnet Name : | P8        |
| Client Sample ID :      | MF6A68              | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2018-01-22 15:11:57 | DataFile Name :   | 027SMPL.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|-----------|------|---------|---------|---------|------------|---------|-------|
| Zirconium | 91-1 | 2.76    | 3.04    | 2.86    | 2.89       | 4.80    | ppb   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB92809             | Operator :        | Jaswal    |
| Lab Sample ID :         | J1225-07            | Instrumnet Name : | P8        |
| Client Sample ID :      | MF6A69              | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2018-01-22 15:15:06 | DataFile Name :   | 028SMPL.d |

| Parameter  | Mass  | ConRep1  | ConRep2  | ConRep3  | Avg. Conc. | ConcRSD | Units |
|------------|-------|----------|----------|----------|------------|---------|-------|
| Aluminium  | 27-2  | 9722.35  | 9855.18  | 9891.78  | 9823.10    | 0.91    | ppb   |
| Antimony   | 121-1 | 0.28     | 0.30     | 0.28     | 0.29       | 3.15    | ppb   |
| Arsenic    | 75-2  | 7.38     | 6.75     | 7.32     | 7.15       | 4.88    | ppb   |
| Barium     | 135-1 | 364.70   | 366.56   | 364.65   | 365.31     | 0.30    | ppb   |
| Barium     | 137-1 | 367.83   | 366.87   | 368.62   | 367.77     | 0.24    | ppb   |
| Beryllium  | 9-1   | 1.17     | 1.06     | 1.29     | 1.17       | 9.90    | ppb   |
| Bismuth    | 209-1 |          |          |          | 109        |         | %     |
| Bismuth    | 209-2 |          |          |          | 101        |         | %     |
| Boron      | 10-1  | 7.89     | 7.52     | 6.61     | 7.34       | 8.98    | ppb   |
| Boron      | 11-1  | 7.27     | 6.33     | 7.26     | 6.95       | 7.77    | ppb   |
| Cadmium    | 111-1 | 0.35     | 0.39     | 0.33     | 0.35       | 8.04    | ppb   |
| Cadmium    | 106-1 | 1.25     | 1.34     | 0.46     | 1.02       | 48.09   | ppb   |
| Cadmium    | 108-1 | 0.65     | 0.80     | 0.88     | 0.77       | 15.03   | ppb   |
| Calcium    | 43-1  | 58993.64 | 59232.82 | 59725.37 | 59317.28   | 0.63    | ppb   |
| Calcium    | 44-1  | 59051.89 | 59222.08 | 59844.90 | 59372.96   | 0.70    | ppb   |
| Chromium   | 52-2  | 20.10    | 19.49    | 19.16    | 19.58      | 2.43    | ppb   |
| Cobalt     | 59-2  | 12.14    | 12.13    | 12.29    | 12.19      | 0.75    | ppb   |
| Copper     | 63-2  | 22.06    | 21.10    | 21.97    | 21.71      | 2.43    | ppb   |
| Dysprosium | 156-1 |          |          |          |            |         | cps   |
| Dysprosium | 156-2 |          |          |          |            |         | cps   |
| Erbium     | 164-1 |          |          |          |            |         | cps   |
| Erbium     | 164-2 |          |          |          |            |         | cps   |
| Gadolinium | 160-1 |          |          |          |            |         | cps   |
| Gadolinium | 160-2 |          |          |          |            |         | cps   |
| Holmium    | 165-1 |          |          |          | 108        |         | %     |
| Holmium    | 165-2 |          |          |          | 101        |         | %     |
| Indium     | 115-1 |          |          |          | 104        |         | %     |
| Indium     | 115-2 |          |          |          | 95         |         | %     |
| Iron       | 56-2  | 17891.52 | 17784.42 | 18081.41 | 17919.12   | 0.84    | ppb   |
| Iron       | 57-2  | 17584.80 | 17341.93 | 17505.47 | 17477.40   | 0.71    | ppb   |
| Lead       | 206-1 | 17.52    | 17.58    | 17.40    | 17.50      | 0.53    | ppb   |
| Lead       | 207-1 | 15.30    | 15.50    | 15.29    | 15.36      | 0.77    | ppb   |
| Lead       | 208-1 | 16.34    | 16.31    | 16.26    | 16.30      | 0.25    | ppb   |
| Lithium    | 6-1   |          |          |          | 99         |         | %     |
| Magnesium  | 24-2  | 12437.61 | 12093.29 | 12335.74 | 12288.88   | 1.44    | ppb   |
| Manganese  | 55-2  | 806.46   | 794.91   | 802.33   | 801.23     | 0.73    | ppb   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB92809             | Operator :        | Jaswal    |
| Lab Sample ID :         | J1225-07            | Instrumnet Name : | P8        |
| Client Sample ID :      | MF6A69              | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2018-01-22 15:15:06 | DataFile Name :   | 028SMPL.d |

| Parameter  | Mass  | ConRep1  | ConRep2  | ConRep3  | Avg. Conc. | ConcRSD | Units |
|------------|-------|----------|----------|----------|------------|---------|-------|
| Molybdenum | 94-1  | 6.42     | 6.44     | 6.41     | 6.42       | 0.30    | ppb   |
| Molybdenum | 95-1  | 0.31     | 0.32     | 0.33     | 0.32       | 3.58    | ppb   |
| Molybdenum | 96-1  | 1.08     | 1.11     | 1.06     | 1.08       | 1.97    | ppb   |
| Molybdenum | 97-1  | 0.29     | 0.28     | 0.28     | 0.29       | 2.19    | ppb   |
| Molybdenum | 98-1  | 0.27     | 0.27     | 0.27     | 0.27       | 1.06    | ppb   |
| Neodymium  | 150-1 |          |          |          |            |         | cps   |
| Neodymium  | 150-2 |          |          |          |            |         | cps   |
| Nickel     | 60-2  | 28.19    | 27.56    | 28.39    | 28.04      | 1.55    | ppb   |
| Phosphorus | 31-2  | 672.14   | 831.53   | 954.95   | 819.54     | 17.30   | ppb   |
| Potassium  | 39-2  | 1414.86  | 1333.31  | 1491.16  | 1413.11    | 5.59    | ppb   |
| Rhodium    | 103-1 |          |          |          | 101        |         | %     |
| Rhodium    | 103-2 |          |          |          | 97         |         | %     |
| Scandium   | 45-1  |          |          |          | 99         |         | %     |
| Scandium   | 45-2  |          |          |          | 89         |         | %     |
| Selenium   | 77-2  | 35.14    | 57.02    | 49.75    | 47.30      | 23.55   | ppb   |
| Selenium   | 78-2  | 7.21     | 8.47     | 2.69     | 6.12       | 49.64   | ppb   |
| Selenium   | 82-1  | 0.54     | 0.52     | 0.66     | 0.58       | 12.62   | ppb   |
| Silicon    | 28-1  | 2212.72  | 1976.45  | 2059.53  | 2082.90    | 5.75    | ppb   |
| Silver     | 109-1 | 0.08     | 0.07     | 0.08     | 0.07       | 8.76    | ppb   |
| Silver     | 107-1 | 0.07     | 0.10     | 0.08     | 0.08       | 16.77   | ppb   |
| Sodium     | 23-2  | 410.09   | 402.47   | 411.83   | 408.13     | 1.22    | ppb   |
| Strontium  | 86-1  | 77.15    | 74.89    | 76.26    | 76.10      | 1.50    | ppb   |
| Strontium  | 88-1  | 80.20    | 78.87    | 79.47    | 79.52      | 0.84    | ppb   |
| Sulfur     | 34-1  | -2152.53 | -2480.34 | -2229.62 | -2287.50   |         | ppb   |
| Terbium    | 159-1 |          |          |          | 108        |         | %     |
| Terbium    | 159-2 |          |          |          | 101        |         | %     |
| Thallium   | 203-1 | 0.30     | 0.35     | 0.37     | 0.34       | 11.67   | ppb   |
| Thallium   | 205-1 | 0.33     | 0.32     | 0.33     | 0.32       | 2.27    | ppb   |
| Tin        | 118-1 | 0.73     | 0.74     | 0.71     | 0.73       | 1.64    | ppb   |
| Titanium   | 47-1  | 108.28   | 98.54    | 105.33   | 104.05     | 4.80    | ppb   |
| Uranium    | 238-1 | 1.23     | 1.22     | 1.24     | 1.23       | 0.75    | ppb   |
| Vanadium   | 51-2  | 24.64    | 25.20    | 25.77    | 25.20      | 2.23    | ppb   |
| Yttrium    | 89-1  |          |          |          | 110        |         | %     |
| Yttrium    | 89-2  |          |          |          | 101        |         | %     |
| Zinc       | 66-2  | 62.10    | 62.86    | 66.79    | 63.92      | 3.95    | ppb   |
| Zirconium  | 90-1  | 3.91     | 4.24     | 3.78     | 3.98       | 5.95    | ppb   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB92809             | Operator :        | Jaswal    |
| Lab Sample ID :         | J1225-07            | Instrumnet Name : | P8        |
| Client Sample ID :      | MF6A69              | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2018-01-22 15:15:06 | DataFile Name :   | 028SMPL.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|-----------|------|---------|---------|---------|------------|---------|-------|
| Zirconium | 91-1 | 4.00    | 3.86    | 3.62    | 3.83       | 4.94    | ppb   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB92809             | Operator :        | Jaswal    |
| Lab Sample ID :         | J1225-08            | Instrumnet Name : | P8        |
| Client Sample ID :      | MF6A70              | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2018-01-22 15:18:16 | DataFile Name :   | 029SMPL.d |

| Parameter  | Mass  | ConRep1  | ConRep2  | ConRep3  | Avg. Conc. | ConcRSD | Units |
|------------|-------|----------|----------|----------|------------|---------|-------|
| Aluminium  | 27-2  | 11560.46 | 11324.21 | 11572.30 | 11485.66   | 1.22    | ppb   |
| Antimony   | 121-1 | 0.34     | 0.33     | 0.38     | 0.35       | 6.76    | ppb   |
| Arsenic    | 75-2  | 6.84     | 6.77     | 6.77     | 6.79       | 0.55    | ppb   |
| Barium     | 135-1 | 445.02   | 443.91   | 452.11   | 447.01     | 1.00    | ppb   |
| Barium     | 137-1 | 449.97   | 448.02   | 453.63   | 450.54     | 0.63    | ppb   |
| Beryllium  | 9-1   | 1.38     | 1.53     | 1.26     | 1.39       | 9.82    | ppb   |
| Bismuth    | 209-1 |          |          |          | 108        |         | %     |
| Bismuth    | 209-2 |          |          |          | 101        |         | %     |
| Boron      | 10-1  | 5.87     | 6.42     | 6.08     | 6.12       | 4.53    | ppb   |
| Boron      | 11-1  | 6.20     | 5.41     | 5.99     | 5.87       | 7.01    | ppb   |
| Cadmium    | 111-1 | 0.12     | 0.15     | 0.13     | 0.13       | 9.81    | ppb   |
| Cadmium    | 106-1 | 0.04     | 0.26     | 0.02     | 0.11       | 126.27  | ppb   |
| Cadmium    | 108-1 | 0.51     | 0.43     | 0.48     | 0.47       | 7.57    | ppb   |
| Calcium    | 43-1  | 21691.08 | 21715.44 | 21418.61 | 21608.37   | 0.76    | ppb   |
| Calcium    | 44-1  | 21521.18 | 21700.71 | 21485.67 | 21569.19   | 0.53    | ppb   |
| Chromium   | 52-2  | 19.60    | 19.41    | 20.05    | 19.69      | 1.68    | ppb   |
| Cobalt     | 59-2  | 12.79    | 12.31    | 12.64    | 12.58      | 1.94    | ppb   |
| Copper     | 63-2  | 27.96    | 27.12    | 27.49    | 27.52      | 1.53    | ppb   |
| Dysprosium | 156-1 |          |          |          |            |         | cps   |
| Dysprosium | 156-2 |          |          |          |            |         | cps   |
| Erbium     | 164-1 |          |          |          |            |         | cps   |
| Erbium     | 164-2 |          |          |          |            |         | cps   |
| Gadolinium | 160-1 |          |          |          |            |         | cps   |
| Gadolinium | 160-2 |          |          |          |            |         | cps   |
| Holmium    | 165-1 |          |          |          | 108        |         | %     |
| Holmium    | 165-2 |          |          |          | 102        |         | %     |
| Indium     | 115-1 |          |          |          | 103        |         | %     |
| Indium     | 115-2 |          |          |          | 95         |         | %     |
| Iron       | 56-2  | 22919.02 | 22252.62 | 22647.90 | 22606.51   | 1.48    | ppb   |
| Iron       | 57-2  | 22617.59 | 21821.95 | 21982.15 | 22140.56   | 1.90    | ppb   |
| Lead       | 206-1 | 24.37    | 24.89    | 24.13    | 24.46      | 1.57    | ppb   |
| Lead       | 207-1 | 21.63    | 21.70    | 21.63    | 21.65      | 0.18    | ppb   |
| Lead       | 208-1 | 22.91    | 22.89    | 22.89    | 22.90      | 0.06    | ppb   |
| Lithium    | 6-1   |          |          |          | 99         |         | %     |
| Magnesium  | 24-2  | 12199.90 | 12072.42 | 12283.10 | 12185.14   | 0.87    | ppb   |
| Manganese  | 55-2  | 693.85   | 672.12   | 673.44   | 679.80     | 1.79    | ppb   |



|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB92809             | Operator :        | Jaswal    |
| Lab Sample ID :         | J1225-08            | Instrumnet Name : | P8        |
| Client Sample ID :      | MF6A70              | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2018-01-22 15:18:16 | DataFile Name :   | 029SMPL.d |

| Parameter  | Mass  | ConRep1  | ConRep2  | ConRep3  | Avg. Conc. | ConcRSD | Units |
|------------|-------|----------|----------|----------|------------|---------|-------|
| Molybdenum | 94-1  | 9.43     | 7.35     | 7.19     | 7.99       | 15.67   | ppb   |
| Molybdenum | 95-1  | 0.35     | 0.33     | 0.31     | 0.33       | 6.24    | ppb   |
| Molybdenum | 96-1  | 1.23     | 1.32     | 1.28     | 1.28       | 3.68    | ppb   |
| Molybdenum | 97-1  | 0.35     | 0.30     | 0.31     | 0.32       | 8.97    | ppb   |
| Molybdenum | 98-1  | 0.34     | 0.30     | 0.29     | 0.31       | 8.44    | ppb   |
| Neodymium  | 150-1 |          |          |          |            |         | cps   |
| Neodymium  | 150-2 |          |          |          |            |         | cps   |
| Nickel     | 60-2  | 32.04    | 32.24    | 31.64    | 31.97      | 0.95    | ppb   |
| Phosphorus | 31-2  | 789.03   | 799.39   | 815.64   | 801.35     | 1.67    | ppb   |
| Potassium  | 39-2  | 1889.84  | 1805.86  | 1824.61  | 1840.11    | 2.40    | ppb   |
| Rhodium    | 103-1 |          |          |          | 101        |         | %     |
| Rhodium    | 103-2 |          |          |          | 98         |         | %     |
| Scandium   | 45-1  |          |          |          | 99         |         | %     |
| Scandium   | 45-2  |          |          |          | 88         |         | %     |
| Selenium   | 77-2  | 35.44    | 91.90    | 113.99   | 80.44      | 50.36   | ppb   |
| Selenium   | 78-2  | 9.57     | 7.25     | 7.32     | 8.05       | 16.43   | ppb   |
| Selenium   | 82-1  | 0.22     | 0.09     | 0.39     | 0.23       | 64.04   | ppb   |
| Silicon    | 28-1  | 2316.96  | 2687.15  | 2152.89  | 2385.67    | 11.47   | ppb   |
| Silver     | 109-1 | 0.07     | 0.09     | 0.06     | 0.07       | 22.76   | ppb   |
| Silver     | 107-1 | 0.09     | 0.07     | 0.07     | 0.07       | 16.64   | ppb   |
| Sodium     | 23-2  | 447.60   | 437.77   | 435.72   | 440.36     | 1.44    | ppb   |
| Strontium  | 86-1  | 60.40    | 59.56    | 60.98    | 60.31      | 1.19    | ppb   |
| Strontium  | 88-1  | 61.78    | 61.24    | 61.68    | 61.57      | 0.47    | ppb   |
| Sulfur     | 34-1  | -2485.94 | -2422.82 | -2527.11 | -2478.62   |         | ppb   |
| Terbium    | 159-1 |          |          |          | 107        |         | %     |
| Terbium    | 159-2 |          |          |          | 101        |         | %     |
| Thallium   | 203-1 | 0.35     | 0.34     | 0.31     | 0.33       | 5.99    | ppb   |
| Thallium   | 205-1 | 0.30     | 0.33     | 0.33     | 0.32       | 4.79    | ppb   |
| Tin        | 118-1 | 0.88     | 0.81     | 0.87     | 0.86       | 4.43    | ppb   |
| Titanium   | 47-1  | 76.60    | 102.73   | 78.62    | 85.98      | 16.91   | ppb   |
| Uranium    | 238-1 | 1.05     | 1.01     | 1.06     | 1.04       | 2.41    | ppb   |
| Vanadium   | 51-2  | 32.44    | 31.08    | 31.54    | 31.69      | 2.18    | ppb   |
| Yttrium    | 89-1  |          |          |          | 109        |         | %     |
| Yttrium    | 89-2  |          |          |          | 101        |         | %     |
| Zinc       | 66-2  | 79.34    | 76.59    | 77.95    | 77.96      | 1.77    | ppb   |
| Zirconium  | 90-1  | 4.55     | 4.64     | 4.68     | 4.62       | 1.38    | ppb   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB92809             | Operator :        | Jaswal    |
| Lab Sample ID :         | J1225-08            | Instrumnet Name : | P8        |
| Client Sample ID :      | MF6A70              | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2018-01-22 15:18:16 | DataFile Name :   | 029SMPL.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|-----------|------|---------|---------|---------|------------|---------|-------|
| Zirconium | 91-1 | 5.11    | 4.69    | 4.23    | 4.67       | 9.36    | ppb   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB92809             | Operator :        | Jaswal    |
| Lab Sample ID :         | J1225-09            | Instrumnet Name : | P8        |
| Client Sample ID :      | MF6A71              | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2018-01-22 15:21:26 | DataFile Name :   | 030SMPL.d |

| Parameter  | Mass  | ConRep1  | ConRep2  | ConRep3  | Avg. Conc. | ConcRSD | Units |
|------------|-------|----------|----------|----------|------------|---------|-------|
| Aluminium  | 27-2  | 16604.68 | 16733.51 | 17371.34 | 16903.18   | 2.43    | ppb   |
| Antimony   | 121-1 | 0.35     | 0.32     | 0.42     | 0.36       | 13.76   | ppb   |
| Arsenic    | 75-2  | 56.94    | 56.54    | 56.72    | 56.73      | 0.35    | ppb   |
| Barium     | 135-1 | 466.89   | 460.79   | 465.47   | 464.38     | 0.69    | ppb   |
| Barium     | 137-1 | 470.32   | 464.86   | 467.57   | 467.58     | 0.58    | ppb   |
| Beryllium  | 9-1   | 2.16     | 2.44     | 2.39     | 2.33       | 6.38    | ppb   |
| Bismuth    | 209-1 |          |          |          | 109        |         | %     |
| Bismuth    | 209-2 |          |          |          | 100        |         | %     |
| Boron      | 10-1  | 9.17     | 8.00     | 8.58     | 8.58       | 6.85    | ppb   |
| Boron      | 11-1  | 8.75     | 8.51     | 8.06     | 8.44       | 4.11    | ppb   |
| Cadmium    | 111-1 | 0.32     | 0.41     | 0.45     | 0.39       | 17.48   | ppb   |
| Cadmium    | 106-1 | -0.38    | 0.42     | 1.03     | 0.36       | 198.37  | ppb   |
| Cadmium    | 108-1 | 0.98     | 0.76     | 0.98     | 0.91       | 14.28   | ppb   |
| Calcium    | 43-1  | 42649.82 | 41622.84 | 41321.67 | 41864.78   | 1.66    | ppb   |
| Calcium    | 44-1  | 42168.34 | 40999.91 | 41848.31 | 41672.19   | 1.45    | ppb   |
| Chromium   | 52-2  | 31.26    | 33.80    | 33.24    | 32.77      | 4.08    | ppb   |
| Cobalt     | 59-2  | 27.16    | 27.74    | 28.25    | 27.72      | 1.97    | ppb   |
| Copper     | 63-2  | 49.60    | 50.52    | 51.18    | 50.44      | 1.57    | ppb   |
| Dysprosium | 156-1 |          |          |          |            |         | cps   |
| Dysprosium | 156-2 |          |          |          |            |         | cps   |
| Erbium     | 164-1 |          |          |          |            |         | cps   |
| Erbium     | 164-2 |          |          |          |            |         | cps   |
| Gadolinium | 160-1 |          |          |          |            |         | cps   |
| Gadolinium | 160-2 |          |          |          |            |         | cps   |
| Holmium    | 165-1 |          |          |          | 108        |         | %     |
| Holmium    | 165-2 |          |          |          | 101        |         | %     |
| Indium     | 115-1 |          |          |          | 103        |         | %     |
| Indium     | 115-2 |          |          |          | 93         |         | %     |
| Iron       | 56-2  | 27943.55 | 28527.84 | 28731.52 | 28400.97   | 1.44    | ppb   |
| Iron       | 57-2  | 27154.61 | 27764.77 | 28282.68 | 27734.02   | 2.04    | ppb   |
| Lead       | 206-1 | 36.55    | 36.04    | 36.24    | 36.28      | 0.70    | ppb   |
| Lead       | 207-1 | 32.31    | 32.78    | 32.57    | 32.55      | 0.73    | ppb   |
| Lead       | 208-1 | 34.20    | 34.34    | 34.37    | 34.30      | 0.25    | ppb   |
| Lithium    | 6-1   |          |          |          | 99         |         | %     |
| Magnesium  | 24-2  | 15424.57 | 15864.66 | 15795.32 | 15694.85   | 1.51    | ppb   |
| Manganese  | 55-2  | 1654.90  | 1683.25  | 1712.85  | 1683.67    | 1.72    | ppb   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB92809             | Operator :        | Jaswal    |
| Lab Sample ID :         | J1225-09            | Instrumnet Name : | P8        |
| Client Sample ID :      | MF6A71              | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2018-01-22 15:21:26 | DataFile Name :   | 030SMPL.d |

| Parameter  | Mass  | ConRep1  | ConRep2  | ConRep3  | Avg. Conc. | ConcRSD | Units |
|------------|-------|----------|----------|----------|------------|---------|-------|
| Molybdenum | 94-1  | 7.40     | 7.14     | 7.38     | 7.30       | 1.98    | ppb   |
| Molybdenum | 95-1  | 0.82     | 0.68     | 0.70     | 0.73       | 10.43   | ppb   |
| Molybdenum | 96-1  | 1.54     | 1.51     | 1.62     | 1.56       | 3.64    | ppb   |
| Molybdenum | 97-1  | 0.71     | 0.78     | 0.75     | 0.75       | 4.92    | ppb   |
| Molybdenum | 98-1  | 0.71     | 0.71     | 0.68     | 0.70       | 2.53    | ppb   |
| Neodymium  | 150-1 |          |          |          |            |         | cps   |
| Neodymium  | 150-2 |          |          |          |            |         | cps   |
| Nickel     | 60-2  | 50.81    | 53.12    | 53.31    | 52.41      | 2.65    | ppb   |
| Phosphorus | 31-2  | 1114.27  | 943.03   | 1191.33  | 1082.88    | 11.74   | ppb   |
| Potassium  | 39-2  | 2888.39  | 2884.27  | 2983.46  | 2918.71    | 1.92    | ppb   |
| Rhodium    | 103-1 |          |          |          | 100        |         | %     |
| Rhodium    | 103-2 |          |          |          | 97         |         | %     |
| Scandium   | 45-1  |          |          |          | 100        |         | %     |
| Scandium   | 45-2  |          |          |          | 90         |         | %     |
| Selenium   | 77-2  | 144.52   | 111.40   | 104.18   | 120.03     | 17.92   | ppb   |
| Selenium   | 78-2  | 15.97    | 10.52    | 17.25    | 14.58      | 24.51   | ppb   |
| Selenium   | 82-1  | 0.91     | 0.84     | 0.74     | 0.83       | 10.51   | ppb   |
| Silicon    | 28-1  | 2559.58  | 2943.70  | 2359.48  | 2620.92    | 11.33   | ppb   |
| Silver     | 109-1 | 0.18     | 0.21     | 0.21     | 0.20       | 8.43    | ppb   |
| Silver     | 107-1 | 0.20     | 0.23     | 0.22     | 0.21       | 8.44    | ppb   |
| Sodium     | 23-2  | 545.31   | 551.77   | 558.86   | 551.98     | 1.23    | ppb   |
| Strontium  | 86-1  | 113.21   | 110.16   | 109.88   | 111.08     | 1.66    | ppb   |
| Strontium  | 88-1  | 117.45   | 116.67   | 115.97   | 116.70     | 0.63    | ppb   |
| Sulfur     | 34-1  | -2726.45 | -2809.25 | -2859.22 | -2798.31   |         | ppb   |
| Terbium    | 159-1 |          |          |          | 108        |         | %     |
| Terbium    | 159-2 |          |          |          | 101        |         | %     |
| Thallium   | 203-1 | 0.39     | 0.40     | 0.40     | 0.40       | 0.99    | ppb   |
| Thallium   | 205-1 | 0.39     | 0.40     | 0.43     | 0.41       | 4.66    | ppb   |
| Tin        | 118-1 | 1.38     | 1.37     | 1.37     | 1.38       | 0.49    | ppb   |
| Titanium   | 47-1  | 60.87    | 62.65    | 60.45    | 61.32      | 1.90    | ppb   |
| Uranium    | 238-1 | 1.90     | 1.94     | 1.94     | 1.93       | 1.04    | ppb   |
| Vanadium   | 51-2  | 50.04    | 52.70    | 53.19    | 51.98      | 3.26    | ppb   |
| Yttrium    | 89-1  |          |          |          | 114        |         | %     |
| Yttrium    | 89-2  |          |          |          | 103        |         | %     |
| Zinc       | 66-2  | 128.96   | 136.83   | 135.87   | 133.89     | 3.21    | ppb   |
| Zirconium  | 90-1  | 5.24     | 4.17     | 4.13     | 4.51       | 13.97   | ppb   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB92809             | Operator :        | Jaswal    |
| Lab Sample ID :         | J1225-09            | Instrumnet Name : | P8        |
| Client Sample ID :      | MF6A71              | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2018-01-22 15:21:26 | DataFile Name :   | 030SMPL.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|-----------|------|---------|---------|---------|------------|---------|-------|
| Zirconium | 91-1 | 4.39    | 4.25    | 4.42    | 4.35       | 2.16    | ppb   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB92809             | Operator :        | Jaswal    |
| Lab Sample ID :         | J1225-10            | Instrumnet Name : | P8        |
| Client Sample ID :      | MF6A72              | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2018-01-22 15:24:36 | DataFile Name :   | 031SMPL.d |

| Parameter  | Mass  | ConRep1  | ConRep2  | ConRep3  | Avg. Conc. | ConcRSD | Units |
|------------|-------|----------|----------|----------|------------|---------|-------|
| Aluminium  | 27-2  | 15311.13 | 15754.09 | 15727.06 | 15597.43   | 1.59    | ppb   |
| Antimony   | 121-1 | 0.24     | 0.30     | 0.30     | 0.28       | 10.81   | ppb   |
| Arsenic    | 75-2  | 11.60    | 10.62    | 11.40    | 11.21      | 4.66    | ppb   |
| Barium     | 135-1 | 377.26   | 380.82   | 382.58   | 380.22     | 0.71    | ppb   |
| Barium     | 137-1 | 383.36   | 386.33   | 386.69   | 385.46     | 0.47    | ppb   |
| Beryllium  | 9-1   | 1.97     | 1.95     | 1.92     | 1.95       | 1.36    | ppb   |
| Bismuth    | 209-1 |          |          |          | 108        |         | %     |
| Bismuth    | 209-2 |          |          |          | 100        |         | %     |
| Boron      | 10-1  | 7.59     | 6.95     | 8.47     | 7.67       | 9.95    | ppb   |
| Boron      | 11-1  | 6.95     | 7.36     | 8.42     | 7.58       | 9.98    | ppb   |
| Cadmium    | 111-1 | 0.37     | 0.38     | 0.34     | 0.37       | 5.94    | ppb   |
| Cadmium    | 106-1 | 2.29     | 2.77     | 2.32     | 2.46       | 10.85   | ppb   |
| Cadmium    | 108-1 | 0.94     | 0.94     | 0.91     | 0.93       | 1.48    | ppb   |
| Calcium    | 43-1  | 18706.01 | 18563.16 | 18926.40 | 18731.86   | 0.98    | ppb   |
| Calcium    | 44-1  | 18906.90 | 18772.71 | 19121.36 | 18933.66   | 0.93    | ppb   |
| Chromium   | 52-2  | 28.74    | 28.16    | 27.89    | 28.26      | 1.53    | ppb   |
| Cobalt     | 59-2  | 17.80    | 18.97    | 18.78    | 18.52      | 3.38    | ppb   |
| Copper     | 63-2  | 40.86    | 42.88    | 42.68    | 42.14      | 2.64    | ppb   |
| Dysprosium | 156-1 |          |          |          |            |         | cps   |
| Dysprosium | 156-2 |          |          |          |            |         | cps   |
| Erbium     | 164-1 |          |          |          |            |         | cps   |
| Erbium     | 164-2 |          |          |          |            |         | cps   |
| Gadolinium | 160-1 |          |          |          |            |         | cps   |
| Gadolinium | 160-2 |          |          |          |            |         | cps   |
| Holmium    | 165-1 |          |          |          | 108        |         | %     |
| Holmium    | 165-2 |          |          |          | 101        |         | %     |
| Indium     | 115-1 |          |          |          | 103        |         | %     |
| Indium     | 115-2 |          |          |          | 95         |         | %     |
| Iron       | 56-2  | 26179.45 | 27301.01 | 26729.09 | 26736.51   | 2.10    | ppb   |
| Iron       | 57-2  | 25763.01 | 26433.73 | 25998.29 | 26065.01   | 1.31    | ppb   |
| Lead       | 206-1 | 32.11    | 32.64    | 32.45    | 32.40      | 0.83    | ppb   |
| Lead       | 207-1 | 28.62    | 28.70    | 29.10    | 28.81      | 0.90    | ppb   |
| Lead       | 208-1 | 30.15    | 30.45    | 30.47    | 30.36      | 0.60    | ppb   |
| Lithium    | 6-1   |          |          |          | 99         |         | %     |
| Magnesium  | 24-2  | 14001.55 | 14707.95 | 14223.62 | 14311.04   | 2.52    | ppb   |
| Manganese  | 55-2  | 564.13   | 593.45   | 579.49   | 579.02     | 2.53    | ppb   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB92809             | Operator :        | Jaswal    |
| Lab Sample ID :         | J1225-10            | Instrumnet Name : | P8        |
| Client Sample ID :      | MF6A72              | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2018-01-22 15:24:36 | DataFile Name :   | 031SMPL.d |

| Parameter  | Mass  | ConRep1  | ConRep2  | ConRep3  | Avg. Conc. | ConcRSD | Units |
|------------|-------|----------|----------|----------|------------|---------|-------|
| Molybdenum | 94-1  | 7.69     | 7.71     | 7.47     | 7.62       | 1.82    | ppb   |
| Molybdenum | 95-1  | 0.56     | 0.50     | 0.53     | 0.53       | 4.89    | ppb   |
| Molybdenum | 96-1  | 1.45     | 1.53     | 1.43     | 1.47       | 3.33    | ppb   |
| Molybdenum | 97-1  | 0.53     | 0.52     | 0.48     | 0.51       | 4.73    | ppb   |
| Molybdenum | 98-1  | 0.48     | 0.48     | 0.53     | 0.50       | 6.10    | ppb   |
| Neodymium  | 150-1 |          |          |          |            |         | cps   |
| Neodymium  | 150-2 |          |          |          |            |         | cps   |
| Nickel     | 60-2  | 43.93    | 45.14    | 44.59    | 44.55      | 1.36    | ppb   |
| Phosphorus | 31-2  | 1106.73  | 1564.91  | 1228.42  | 1300.02    | 18.26   | ppb   |
| Potassium  | 39-2  | 2693.23  | 2776.08  | 2679.16  | 2716.15    | 1.93    | ppb   |
| Rhodium    | 103-1 |          |          |          | 101        |         | %     |
| Rhodium    | 103-2 |          |          |          | 97         |         | %     |
| Scandium   | 45-1  |          |          |          | 100        |         | %     |
| Scandium   | 45-2  |          |          |          | 90         |         | %     |
| Selenium   | 77-2  | 155.15   | 167.66   | 127.59   | 150.13     | 13.66   | ppb   |
| Selenium   | 78-2  | 19.55    | 17.68    | 19.92    | 19.05      | 6.30    | ppb   |
| Selenium   | 82-1  | 1.39     | 1.45     | 1.22     | 1.35       | 8.97    | ppb   |
| Silicon    | 28-1  | 2033.79  | 2715.36  | 2126.09  | 2291.75    | 16.13   | ppb   |
| Silver     | 109-1 | 0.14     | 0.15     | 0.15     | 0.14       | 4.97    | ppb   |
| Silver     | 107-1 | 0.16     | 0.12     | 0.17     | 0.15       | 17.43   | ppb   |
| Sodium     | 23-2  | 469.12   | 463.78   | 446.30   | 459.73     | 2.60    | ppb   |
| Strontium  | 86-1  | 59.82    | 59.88    | 60.38    | 60.03      | 0.51    | ppb   |
| Strontium  | 88-1  | 60.45    | 61.95    | 61.73    | 61.38      | 1.32    | ppb   |
| Sulfur     | 34-1  | -3090.72 | -3123.16 | -2746.35 | -2986.74   |         | ppb   |
| Terbium    | 159-1 |          |          |          | 108        |         | %     |
| Terbium    | 159-2 |          |          |          | 101        |         | %     |
| Thallium   | 203-1 | 0.39     | 0.45     | 0.43     | 0.42       | 7.23    | ppb   |
| Thallium   | 205-1 | 0.39     | 0.43     | 0.40     | 0.41       | 4.46    | ppb   |
| Tin        | 118-1 | 1.25     | 1.21     | 1.21     | 1.22       | 1.62    | ppb   |
| Titanium   | 47-1  | 82.92    | 89.21    | 95.89    | 89.34      | 7.26    | ppb   |
| Uranium    | 238-1 | 2.58     | 2.64     | 2.60     | 2.61       | 1.15    | ppb   |
| Vanadium   | 51-2  | 39.22    | 38.70    | 39.58    | 39.17      | 1.13    | ppb   |
| Yttrium    | 89-1  |          |          |          | 129        |         | %     |
| Yttrium    | 89-2  |          |          |          | 119        |         | %     |
| Zinc       | 66-2  | 110.06   | 113.88   | 115.47   | 113.13     | 2.46    | ppb   |
| Zirconium  | 90-1  | 4.70     | 4.75     | 5.01     | 4.82       | 3.40    | ppb   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB92809             | Operator :        | Jaswal    |
| Lab Sample ID :         | J1225-10            | Instrumnet Name : | P8        |
| Client Sample ID :      | MF6A72              | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2018-01-22 15:24:36 | DataFile Name :   | 031SMPL.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|-----------|------|---------|---------|---------|------------|---------|-------|
| Zirconium | 91-1 | 4.46    | 4.74    | 4.91    | 4.71       | 4.82    | ppb   |



|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB92809             | Operator :        | Jaswal    |
| Lab Sample ID :         | J1225-11            | Instrumnet Name : | P8        |
| Client Sample ID :      | MF6A73              | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2018-01-22 15:27:47 | DataFile Name :   | 032SMPL.d |

| Parameter  | Mass  | ConRep1  | ConRep2  | ConRep3  | Avg. Conc. | ConcRSD | Units |
|------------|-------|----------|----------|----------|------------|---------|-------|
| Aluminium  | 27-2  | 15965.12 | 16213.06 | 16325.74 | 16167.97   | 1.14    | ppb   |
| Antimony   | 121-1 | 0.38     | 0.35     | 0.35     | 0.36       | 4.64    | ppb   |
| Arsenic    | 75-2  | 28.35    | 29.65    | 28.51    | 28.84      | 2.46    | ppb   |
| Barium     | 135-1 | 390.27   | 393.60   | 394.93   | 392.94     | 0.61    | ppb   |
| Barium     | 137-1 | 391.52   | 392.38   | 393.85   | 392.58     | 0.30    | ppb   |
| Beryllium  | 9-1   | 1.96     | 2.08     | 1.88     | 1.98       | 5.07    | ppb   |
| Bismuth    | 209-1 |          |          |          | 108        |         | %     |
| Bismuth    | 209-2 |          |          |          | 100        |         | %     |
| Boron      | 10-1  | 9.36     | 10.21    | 9.70     | 9.75       | 4.42    | ppb   |
| Boron      | 11-1  | 10.11    | 9.87     | 10.55    | 10.18      | 3.39    | ppb   |
| Cadmium    | 111-1 | 0.52     | 0.52     | 0.36     | 0.47       | 20.28   | ppb   |
| Cadmium    | 106-1 | 1.60     | 1.26     | 0.79     | 1.22       | 33.63   | ppb   |
| Cadmium    | 108-1 | 0.65     | 0.47     | 0.77     | 0.63       | 23.93   | ppb   |
| Calcium    | 43-1  | 39167.94 | 38587.97 | 38342.97 | 38699.63   | 1.09    | ppb   |
| Calcium    | 44-1  | 38632.26 | 38632.90 | 38362.69 | 38542.62   | 0.40    | ppb   |
| Chromium   | 52-2  | 47.96    | 48.68    | 47.95    | 48.20      | 0.87    | ppb   |
| Cobalt     | 59-2  | 22.53    | 23.38    | 23.23    | 23.04      | 1.98    | ppb   |
| Copper     | 63-2  | 54.11    | 54.61    | 54.33    | 54.35      | 0.46    | ppb   |
| Dysprosium | 156-1 |          |          |          |            |         | cps   |
| Dysprosium | 156-2 |          |          |          |            |         | cps   |
| Erbium     | 164-1 |          |          |          |            |         | cps   |
| Erbium     | 164-2 |          |          |          |            |         | cps   |
| Gadolinium | 160-1 |          |          |          |            |         | cps   |
| Gadolinium | 160-2 |          |          |          |            |         | cps   |
| Holmium    | 165-1 |          |          |          | 108        |         | %     |
| Holmium    | 165-2 |          |          |          | 101        |         | %     |
| Indium     | 115-1 |          |          |          | 102        |         | %     |
| Indium     | 115-2 |          |          |          | 93         |         | %     |
| Iron       | 56-2  | 32209.22 | 33026.20 | 32679.68 | 32638.37   | 1.26    | ppb   |
| Iron       | 57-2  | 31316.61 | 32012.64 | 31728.46 | 31685.90   | 1.10    | ppb   |
| Lead       | 206-1 | 32.99    | 33.02    | 33.26    | 33.09      | 0.45    | ppb   |
| Lead       | 207-1 | 29.41    | 29.70    | 30.10    | 29.74      | 1.16    | ppb   |
| Lead       | 208-1 | 31.39    | 31.25    | 31.49    | 31.38      | 0.37    | ppb   |
| Lithium    | 6-1   |          |          |          | 99         |         | %     |
| Magnesium  | 24-2  | 16778.06 | 17165.02 | 16955.36 | 16966.15   | 1.14    | ppb   |
| Manganese  | 55-2  | 1195.94  | 1211.90  | 1210.04  | 1205.96    | 0.72    | ppb   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB92809             | Operator :        | Jaswal    |
| Lab Sample ID :         | J1225-11            | Instrumnet Name : | P8        |
| Client Sample ID :      | MF6A73              | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2018-01-22 15:27:47 | DataFile Name :   | 032SMPL.d |

| Parameter  | Mass  | ConRep1  | ConRep2  | ConRep3  | Avg. Conc. | ConcRSD | Units |
|------------|-------|----------|----------|----------|------------|---------|-------|
| Molybdenum | 94-1  | 6.38     | 6.74     | 6.08     | 6.40       | 5.19    | ppb   |
| Molybdenum | 95-1  | 0.66     | 0.60     | 0.67     | 0.64       | 5.68    | ppb   |
| Molybdenum | 96-1  | 1.42     | 1.38     | 1.44     | 1.42       | 2.28    | ppb   |
| Molybdenum | 97-1  | 0.59     | 0.51     | 0.74     | 0.61       | 19.07   | ppb   |
| Molybdenum | 98-1  | 0.60     | 0.63     | 0.61     | 0.61       | 2.16    | ppb   |
| Neodymium  | 150-1 |          |          |          |            |         | cps   |
| Neodymium  | 150-2 |          |          |          |            |         | cps   |
| Nickel     | 60-2  | 49.19    | 50.48    | 49.70    | 49.79      | 1.30    | ppb   |
| Phosphorus | 31-2  | 851.94   | 1118.29  | 932.69   | 967.64     | 14.11   | ppb   |
| Potassium  | 39-2  | 2446.01  | 2514.81  | 2488.71  | 2483.17    | 1.40    | ppb   |
| Rhodium    | 103-1 |          |          |          | 100        |         | %     |
| Rhodium    | 103-2 |          |          |          | 97         |         | %     |
| Scandium   | 45-1  |          |          |          | 99         |         | %     |
| Scandium   | 45-2  |          |          |          | 87         |         | %     |
| Selenium   | 77-2  | 68.73    | 76.88    | 96.95    | 80.85      | 17.96   | ppb   |
| Selenium   | 78-2  | 10.38    | 21.90    | 10.46    | 14.25      | 46.53   | ppb   |
| Selenium   | 82-1  | 1.61     | 0.42     | 0.78     | 0.94       | 65.33   | ppb   |
| Silicon    | 28-1  | 2754.93  | 2922.14  | 3014.61  | 2897.23    | 4.54    | ppb   |
| Silver     | 109-1 | 0.10     | 0.08     | 0.09     | 0.09       | 8.94    | ppb   |
| Silver     | 107-1 | 0.10     | 0.11     | 0.10     | 0.10       | 5.66    | ppb   |
| Sodium     | 23-2  | 464.37   | 475.24   | 478.03   | 472.55     | 1.53    | ppb   |
| Strontium  | 86-1  | 89.34    | 86.90    | 87.26    | 87.83      | 1.50    | ppb   |
| Strontium  | 88-1  | 93.61    | 92.00    | 92.32    | 92.64      | 0.92    | ppb   |
| Sulfur     | 34-1  | -2611.58 | -2679.41 | -2931.31 | -2740.77   |         | ppb   |
| Terbium    | 159-1 |          |          |          | 107        |         | %     |
| Terbium    | 159-2 |          |          |          | 100        |         | %     |
| Thallium   | 203-1 | 0.29     | 0.30     | 0.31     | 0.30       | 2.10    | ppb   |
| Thallium   | 205-1 | 0.27     | 0.29     | 0.33     | 0.30       | 9.55    | ppb   |
| Tin        | 118-1 | 1.55     | 1.61     | 1.55     | 1.57       | 2.05    | ppb   |
| Titanium   | 47-1  | 76.20    | 69.03    | 68.33    | 71.19      | 6.12    | ppb   |
| Uranium    | 238-1 | 1.19     | 1.18     | 1.22     | 1.20       | 1.66    | ppb   |
| Vanadium   | 51-2  | 41.90    | 43.50    | 42.30    | 42.57      | 1.96    | ppb   |
| Yttrium    | 89-1  |          |          |          | 113        |         | %     |
| Yttrium    | 89-2  |          |          |          | 103        |         | %     |
| Zinc       | 66-2  | 154.71   | 152.87   | 158.68   | 155.42     | 1.91    | ppb   |
| Zirconium  | 90-1  | 3.94     | 4.03     | 10.44    | 6.14       | 60.69   | ppb   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB92809             | Operator :        | Jaswal    |
| Lab Sample ID :         | J1225-11            | Instrumnet Name : | P8        |
| Client Sample ID :      | MF6A73              | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2018-01-22 15:27:47 | DataFile Name :   | 032SMPL.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|-----------|------|---------|---------|---------|------------|---------|-------|
| Zirconium | 91-1 | 4.33    | 3.95    | 4.19    | 4.16       | 4.62    | ppb   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB92809             | Operator :        | Jaswal    |
| Lab Sample ID :         | J1225-12            | Instrumnet Name : | P8        |
| Client Sample ID :      | MF6A74              | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2018-01-22 15:30:57 | DataFile Name :   | 033SMPL.d |

| Parameter  | Mass  | ConRep1  | ConRep2  | ConRep3  | Avg. Conc. | ConcRSD | Units |
|------------|-------|----------|----------|----------|------------|---------|-------|
| Aluminium  | 27-2  | 13052.43 | 13355.58 | 13762.69 | 13390.23   | 2.66    | ppb   |
| Antimony   | 121-1 | 0.44     | 0.48     | 0.50     | 0.47       | 6.43    | ppb   |
| Arsenic    | 75-2  | 67.79    | 64.59    | 65.49    | 65.96      | 2.51    | ppb   |
| Barium     | 135-1 | 386.34   | 381.60   | 387.63   | 385.19     | 0.82    | ppb   |
| Barium     | 137-1 | 386.62   | 383.96   | 383.27   | 384.62     | 0.46    | ppb   |
| Beryllium  | 9-1   | 1.62     | 1.71     | 1.89     | 1.74       | 7.77    | ppb   |
| Bismuth    | 209-1 |          |          |          | 108        |         | %     |
| Bismuth    | 209-2 |          |          |          | 99         |         | %     |
| Boron      | 10-1  | 7.51     | 8.59     | 8.56     | 8.22       | 7.51    | ppb   |
| Boron      | 11-1  | 8.85     | 8.60     | 9.10     | 8.85       | 2.83    | ppb   |
| Cadmium    | 111-1 | 0.56     | 0.56     | 0.62     | 0.58       | 5.60    | ppb   |
| Cadmium    | 106-1 | 0.99     | 1.30     | 2.01     | 1.43       | 36.54   | ppb   |
| Cadmium    | 108-1 | 0.81     | 0.94     | 1.02     | 0.92       | 11.51   | ppb   |
| Calcium    | 43-1  | 43295.66 | 43556.84 | 43384.67 | 43412.39   | 0.31    | ppb   |
| Calcium    | 44-1  | 43239.27 | 43411.43 | 43226.26 | 43292.32   | 0.24    | ppb   |
| Chromium   | 52-2  | 89.69    | 89.98    | 93.65    | 91.11      | 2.42    | ppb   |
| Cobalt     | 59-2  | 17.60    | 17.37    | 18.40    | 17.79      | 3.06    | ppb   |
| Copper     | 63-2  | 80.78    | 81.67    | 85.46    | 82.64      | 3.01    | ppb   |
| Dysprosium | 156-1 |          |          |          |            |         | cps   |
| Dysprosium | 156-2 |          |          |          |            |         | cps   |
| Erbium     | 164-1 |          |          |          |            |         | cps   |
| Erbium     | 164-2 |          |          |          |            |         | cps   |
| Gadolinium | 160-1 |          |          |          |            |         | cps   |
| Gadolinium | 160-2 |          |          |          |            |         | cps   |
| Holmium    | 165-1 |          |          |          | 107        |         | %     |
| Holmium    | 165-2 |          |          |          | 100        |         | %     |
| Indium     | 115-1 |          |          |          | 102        |         | %     |
| Indium     | 115-2 |          |          |          | 92         |         | %     |
| Iron       | 56-2  | 26759.37 | 26683.97 | 28105.59 | 27182.98   | 2.94    | ppb   |
| Iron       | 57-2  | 25881.06 | 26264.75 | 27412.17 | 26519.33   | 3.00    | ppb   |
| Lead       | 206-1 | 37.80    | 38.17    | 37.72    | 37.90      | 0.63    | ppb   |
| Lead       | 207-1 | 34.31    | 34.28    | 34.31    | 34.30      | 0.06    | ppb   |
| Lead       | 208-1 | 35.85    | 35.97    | 35.76    | 35.86      | 0.29    | ppb   |
| Lithium    | 6-1   |          |          |          | 98         |         | %     |
| Magnesium  | 24-2  | 15057.72 | 14925.65 | 15589.55 | 15190.97   | 2.31    | ppb   |
| Manganese  | 55-2  | 996.90   | 997.16   | 1051.42  | 1015.16    | 3.09    | ppb   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB92809             | Operator :        | Jaswal    |
| Lab Sample ID :         | J1225-12            | Instrumnet Name : | P8        |
| Client Sample ID :      | MF6A74              | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2018-01-22 15:30:57 | DataFile Name :   | 033SMPL.d |

| Parameter  | Mass  | ConRep1  | ConRep2  | ConRep3  | Avg. Conc. | ConcRSD | Units |
|------------|-------|----------|----------|----------|------------|---------|-------|
| Molybdenum | 94-1  | 6.82     | 6.60     | 6.70     | 6.71       | 1.68    | ppb   |
| Molybdenum | 95-1  | 1.41     | 1.29     | 1.45     | 1.38       | 6.17    | ppb   |
| Molybdenum | 96-1  | 2.14     | 2.17     | 2.12     | 2.14       | 1.19    | ppb   |
| Molybdenum | 97-1  | 1.38     | 1.33     | 1.39     | 1.37       | 2.14    | ppb   |
| Molybdenum | 98-1  | 1.31     | 1.37     | 1.34     | 1.34       | 2.29    | ppb   |
| Neodymium  | 150-1 |          |          |          |            |         | cps   |
| Neodymium  | 150-2 |          |          |          |            |         | cps   |
| Nickel     | 60-2  | 41.98    | 41.26    | 42.71    | 41.99      | 1.73    | ppb   |
| Phosphorus | 31-2  | 777.58   | 510.18   | 824.62   | 704.13     | 24.09   | ppb   |
| Potassium  | 39-2  | 2092.74  | 2077.14  | 2150.58  | 2106.82    | 1.84    | ppb   |
| Rhodium    | 103-1 |          |          |          | 100        |         | %     |
| Rhodium    | 103-2 |          |          |          | 95         |         | %     |
| Scandium   | 45-1  |          |          |          | 98         |         | %     |
| Scandium   | 45-2  |          |          |          | 87         |         | %     |
| Selenium   | 77-2  | 70.83    | 100.15   | 64.84    | 78.61      | 24.04   | ppb   |
| Selenium   | 78-2  | 18.76    | 16.63    | 15.59    | 16.99      | 9.51    | ppb   |
| Selenium   | 82-1  | 0.94     | 1.04     | 0.71     | 0.90       | 18.92   | ppb   |
| Silicon    | 28-1  | 2467.01  | 2576.87  | 2304.63  | 2449.50    | 5.59    | ppb   |
| Silver     | 109-1 | 0.10     | 0.12     | 0.11     | 0.11       | 11.30   | ppb   |
| Silver     | 107-1 | 0.11     | 0.09     | 0.11     | 0.11       | 10.81   | ppb   |
| Sodium     | 23-2  | 533.89   | 540.53   | 595.68   | 556.70     | 6.09    | ppb   |
| Strontium  | 86-1  | 88.15    | 88.24    | 87.56    | 87.98      | 0.42    | ppb   |
| Strontium  | 88-1  | 92.41    | 92.28    | 91.56    | 92.09      | 0.50    | ppb   |
| Sulfur     | 34-1  | -2453.77 | -2412.80 | -2390.79 | -2419.12   |         | ppb   |
| Terbium    | 159-1 |          |          |          | 107        |         | %     |
| Terbium    | 159-2 |          |          |          | 99         |         | %     |
| Thallium   | 203-1 | 0.32     | 0.30     | 0.30     | 0.31       | 2.70    | ppb   |
| Thallium   | 205-1 | 0.32     | 0.30     | 0.32     | 0.31       | 3.69    | ppb   |
| Tin        | 118-1 | 2.53     | 2.65     | 2.59     | 2.59       | 2.19    | ppb   |
| Titanium   | 47-1  | 72.37    | 80.34    | 67.33    | 73.35      | 8.94    | ppb   |
| Uranium    | 238-1 | 1.23     | 1.22     | 1.23     | 1.23       | 0.37    | ppb   |
| Vanadium   | 51-2  | 38.35    | 39.88    | 40.56    | 39.60      | 2.87    | ppb   |
| Yttrium    | 89-1  |          |          |          | 111        |         | %     |
| Yttrium    | 89-2  |          |          |          | 100        |         | %     |
| Zinc       | 66-2  | 187.21   | 189.83   | 196.87   | 191.30     | 2.61    | ppb   |
| Zirconium  | 90-1  | 3.74     | 3.84     | 3.68     | 3.75       | 2.14    | ppb   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB92809             | Operator :        | Jaswal    |
| Lab Sample ID :         | J1225-12            | Instrumnet Name : | P8        |
| Client Sample ID :      | MF6A74              | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2018-01-22 15:30:57 | DataFile Name :   | 033SMPL.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|-----------|------|---------|---------|---------|------------|---------|-------|
| Zirconium | 91-1 | 3.53    | 3.81    | 3.56    | 3.64       | 4.28    | ppb   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB92809             | Operator :        | Jaswal    |
| Lab Sample ID :         | J1225-13            | Instrumnet Name : | P8        |
| Client Sample ID :      | MF6A75              | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2018-01-22 15:34:07 | DataFile Name :   | 034SMPL.d |

| Parameter  | Mass  | ConRep1  | ConRep2  | ConRep3  | Avg. Conc. | ConcRSD | Units |
|------------|-------|----------|----------|----------|------------|---------|-------|
| Aluminium  | 27-2  | 12130.81 | 12554.31 | 12309.49 | 12331.54   | 1.72    | ppb   |
| Antimony   | 121-1 | 0.39     | 0.37     | 0.34     | 0.37       | 5.67    | ppb   |
| Arsenic    | 75-2  | 8.16     | 8.25     | 8.03     | 8.14       | 1.34    | ppb   |
| Barium     | 135-1 | 353.40   | 351.50   | 353.14   | 352.68     | 0.29    | ppb   |
| Barium     | 137-1 | 353.40   | 351.60   | 351.12   | 352.04     | 0.34    | ppb   |
| Beryllium  | 9-1   | 1.64     | 1.62     | 1.57     | 1.61       | 2.31    | ppb   |
| Bismuth    | 209-1 |          |          |          | 107        |         | %     |
| Bismuth    | 209-2 |          |          |          | 98         |         | %     |
| Boron      | 10-1  | 5.70     | 7.94     | 8.03     | 7.22       | 18.25   | ppb   |
| Boron      | 11-1  | 6.68     | 7.31     | 7.48     | 7.15       | 5.90    | ppb   |
| Cadmium    | 111-1 | 0.24     | 0.34     | 0.27     | 0.28       | 17.90   | ppb   |
| Cadmium    | 106-1 | 0.81     | 1.73     | 1.55     | 1.36       | 35.64   | ppb   |
| Cadmium    | 108-1 | 0.74     | 0.77     | 0.82     | 0.78       | 5.31    | ppb   |
| Calcium    | 43-1  | 40232.54 | 40671.05 | 39977.02 | 40293.54   | 0.87    | ppb   |
| Calcium    | 44-1  | 40168.45 | 40242.38 | 40198.57 | 40203.13   | 0.09    | ppb   |
| Chromium   | 52-2  | 23.88    | 24.19    | 24.43    | 24.17      | 1.13    | ppb   |
| Cobalt     | 59-2  | 16.56    | 16.53    | 16.46    | 16.52      | 0.30    | ppb   |
| Copper     | 63-2  | 40.22    | 39.52    | 39.99    | 39.91      | 0.89    | ppb   |
| Dysprosium | 156-1 |          |          |          |            |         | cps   |
| Dysprosium | 156-2 |          |          |          |            |         | cps   |
| Erbium     | 164-1 |          |          |          |            |         | cps   |
| Erbium     | 164-2 |          |          |          |            |         | cps   |
| Gadolinium | 160-1 |          |          |          |            |         | cps   |
| Gadolinium | 160-2 |          |          |          |            |         | cps   |
| Holmium    | 165-1 |          |          |          | 107        |         | %     |
| Holmium    | 165-2 |          |          |          | 99         |         | %     |
| Indium     | 115-1 |          |          |          | 101        |         | %     |
| Indium     | 115-2 |          |          |          | 91         |         | %     |
| Iron       | 56-2  | 21293.85 | 21230.99 | 21529.55 | 21351.46   | 0.74    | ppb   |
| Iron       | 57-2  | 20508.60 | 20932.55 | 20878.31 | 20773.15   | 1.11    | ppb   |
| Lead       | 206-1 | 28.21    | 28.84    | 28.99    | 28.68      | 1.44    | ppb   |
| Lead       | 207-1 | 25.17    | 25.53    | 25.63    | 25.44      | 0.96    | ppb   |
| Lead       | 208-1 | 26.55    | 26.98    | 26.95    | 26.83      | 0.90    | ppb   |
| Lithium    | 6-1   |          |          |          | 97         |         | %     |
| Magnesium  | 24-2  | 17122.90 | 17207.93 | 17209.34 | 17180.06   | 0.29    | ppb   |
| Manganese  | 55-2  | 660.87   | 676.45   | 664.63   | 667.32     | 1.22    | ppb   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB92809             | Operator :        | Jaswal    |
| Lab Sample ID :         | J1225-13            | Instrumnet Name : | P8        |
| Client Sample ID :      | MF6A75              | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2018-01-22 15:34:07 | DataFile Name :   | 034SMPL.d |

| Parameter  | Mass  | ConRep1  | ConRep2  | ConRep3  | Avg. Conc. | ConcRSD | Units |
|------------|-------|----------|----------|----------|------------|---------|-------|
| Molybdenum | 94-1  | 9.23     | 8.94     | 8.51     | 8.89       | 4.10    | ppb   |
| Molybdenum | 95-1  | 0.26     | 0.27     | 0.28     | 0.27       | 4.77    | ppb   |
| Molybdenum | 96-1  | 1.40     | 1.48     | 1.52     | 1.47       | 4.26    | ppb   |
| Molybdenum | 97-1  | 0.37     | 0.28     | 0.28     | 0.31       | 16.44   | ppb   |
| Molybdenum | 98-1  | 0.25     | 0.31     | 0.23     | 0.26       | 14.63   | ppb   |
| Neodymium  | 150-1 |          |          |          |            |         | cps   |
| Neodymium  | 150-2 |          |          |          |            |         | cps   |
| Nickel     | 60-2  | 40.50    | 42.10    | 40.55    | 41.05      | 2.21    | ppb   |
| Phosphorus | 31-2  | 619.06   | 1150.21  | 1332.06  | 1033.78    | 35.84   | ppb   |
| Potassium  | 39-2  | 2040.61  | 2057.16  | 2190.86  | 2096.21    | 3.93    | ppb   |
| Rhodium    | 103-1 |          |          |          | 99         |         | %     |
| Rhodium    | 103-2 |          |          |          | 94         |         | %     |
| Scandium   | 45-1  |          |          |          | 96         |         | %     |
| Scandium   | 45-2  |          |          |          | 86         |         | %     |
| Selenium   | 77-2  | 94.73    | 65.08    | 94.49    | 84.77      | 20.11   | ppb   |
| Selenium   | 78-2  | 12.23    | 9.79     | 13.38    | 11.80      | 15.54   | ppb   |
| Selenium   | 82-1  | 0.83     | 0.81     | 0.84     | 0.83       | 2.04    | ppb   |
| Silicon    | 28-1  | 2075.83  | 2579.43  | 2176.28  | 2277.18    | 11.70   | ppb   |
| Silver     | 109-1 | 0.12     | 0.12     | 0.13     | 0.12       | 3.85    | ppb   |
| Silver     | 107-1 | 0.13     | 0.12     | 0.14     | 0.13       | 7.74    | ppb   |
| Sodium     | 23-2  | 409.85   | 421.65   | 416.22   | 415.91     | 1.42    | ppb   |
| Strontium  | 86-1  | 83.88    | 84.31    | 83.50    | 83.90      | 0.48    | ppb   |
| Strontium  | 88-1  | 88.09    | 89.66    | 88.66    | 88.80      | 0.90    | ppb   |
| Sulfur     | 34-1  | -2645.89 | -2495.42 | -2661.57 | -2600.96   |         | ppb   |
| Terbium    | 159-1 |          |          |          | 106        |         | %     |
| Terbium    | 159-2 |          |          |          | 99         |         | %     |
| Thallium   | 203-1 | 0.37     | 0.37     | 0.38     | 0.38       | 2.03    | ppb   |
| Thallium   | 205-1 | 0.37     | 0.38     | 0.39     | 0.38       | 2.90    | ppb   |
| Tin        | 118-1 | 1.02     | 0.99     | 0.99     | 1.00       | 1.63    | ppb   |
| Titanium   | 47-1  | 88.49    | 109.39   | 89.93    | 95.93      | 12.17   | ppb   |
| Uranium    | 238-1 | 1.20     | 1.25     | 1.18     | 1.21       | 2.75    | ppb   |
| Vanadium   | 51-2  | 36.97    | 37.47    | 36.69    | 37.05      | 1.07    | ppb   |
| Yttrium    | 89-1  |          |          |          | 108        |         | %     |
| Yttrium    | 89-2  |          |          |          | 98         |         | %     |
| Zinc       | 66-2  | 97.13    | 98.12    | 97.28    | 97.51      | 0.55    | ppb   |
| Zirconium  | 90-1  | 5.38     | 5.76     | 6.44     | 5.86       | 9.15    | ppb   |



|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB92809             | Operator :        | Jaswal    |
| Lab Sample ID :         | J1225-13            | Instrumnet Name : | P8        |
| Client Sample ID :      | MF6A75              | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2018-01-22 15:34:07 | DataFile Name :   | 034SMPL.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|-----------|------|---------|---------|---------|------------|---------|-------|
| Zirconium | 91-1 | 5.47    | 5.95    | 5.71    | 5.71       | 4.20    | ppb   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB92809             | Operator :        | Jaswal    |
| Lab Sample ID :         | J1225-14            | Instrumnet Name : | P8        |
| Client Sample ID :      | MF6A76              | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2018-01-22 15:37:17 | DataFile Name :   | 035SMPL.d |

| Parameter  | Mass  | ConRep1  | ConRep2  | ConRep3  | Avg. Conc. | ConcRSD | Units |
|------------|-------|----------|----------|----------|------------|---------|-------|
| Aluminium  | 27-2  | 9822.36  | 10003.59 | 10010.42 | 9945.46    | 1.07    | ppb   |
| Antimony   | 121-1 | 0.35     | 0.35     | 0.35     | 0.35       | 1.19    | ppb   |
| Arsenic    | 75-2  | 14.40    | 14.37    | 14.05    | 14.28      | 1.36    | ppb   |
| Barium     | 135-1 | 336.92   | 337.36   | 343.14   | 339.14     | 1.02    | ppb   |
| Barium     | 137-1 | 340.70   | 343.59   | 345.39   | 343.22     | 0.69    | ppb   |
| Beryllium  | 9-1   | 1.03     | 1.10     | 1.03     | 1.05       | 3.88    | ppb   |
| Bismuth    | 209-1 |          |          |          | 107        |         | %     |
| Bismuth    | 209-2 |          |          |          | 98         |         | %     |
| Boron      | 10-1  | 5.67     | 3.95     | 5.50     | 5.04       | 18.82   | ppb   |
| Boron      | 11-1  | 4.79     | 4.68     | 5.02     | 4.83       | 3.60    | ppb   |
| Cadmium    | 111-1 | 0.42     | 0.43     | 0.39     | 0.41       | 5.74    | ppb   |
| Cadmium    | 106-1 | 1.02     | 0.56     | -0.21    | 0.46       | 135.98  | ppb   |
| Cadmium    | 108-1 | 0.96     | 0.63     | 1.01     | 0.87       | 24.16   | ppb   |
| Calcium    | 43-1  | 51900.21 | 52334.56 | 52076.09 | 52103.62   | 0.42    | ppb   |
| Calcium    | 44-1  | 51214.56 | 52347.74 | 52295.52 | 51952.61   | 1.23    | ppb   |
| Chromium   | 52-2  | 30.08    | 31.18    | 30.36    | 30.54      | 1.88    | ppb   |
| Cobalt     | 59-2  | 11.88    | 11.84    | 12.01    | 11.91      | 0.77    | ppb   |
| Copper     | 63-2  | 35.62    | 35.90    | 35.85    | 35.79      | 0.42    | ppb   |
| Dysprosium | 156-1 |          |          |          |            |         | cps   |
| Dysprosium | 156-2 |          |          |          |            |         | cps   |
| Erbium     | 164-1 |          |          |          |            |         | cps   |
| Erbium     | 164-2 |          |          |          |            |         | cps   |
| Gadolinium | 160-1 |          |          |          |            |         | cps   |
| Gadolinium | 160-2 |          |          |          |            |         | cps   |
| Holmium    | 165-1 |          |          |          | 106        |         | %     |
| Holmium    | 165-2 |          |          |          | 98         |         | %     |
| Indium     | 115-1 |          |          |          | 102        |         | %     |
| Indium     | 115-2 |          |          |          | 91         |         | %     |
| Iron       | 56-2  | 17689.80 | 18099.91 | 18362.14 | 18050.61   | 1.88    | ppb   |
| Iron       | 57-2  | 17237.52 | 17573.89 | 17825.55 | 17545.65   | 1.68    | ppb   |
| Lead       | 206-1 | 23.16    | 22.74    | 22.82    | 22.91      | 0.99    | ppb   |
| Lead       | 207-1 | 20.87    | 20.59    | 20.25    | 20.57      | 1.51    | ppb   |
| Lead       | 208-1 | 21.76    | 21.45    | 21.56    | 21.59      | 0.72    | ppb   |
| Lithium    | 6-1   |          |          |          | 96         |         | %     |
| Magnesium  | 24-2  | 13509.23 | 13859.58 | 13906.52 | 13758.44   | 1.58    | ppb   |
| Manganese  | 55-2  | 505.41   | 515.45   | 515.54   | 512.13     | 1.14    | ppb   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB92809             | Operator :        | Jaswal    |
| Lab Sample ID :         | J1225-14            | Instrumnet Name : | P8        |
| Client Sample ID :      | MF6A76              | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2018-01-22 15:37:17 | DataFile Name :   | 035SMPL.d |

| Parameter  | Mass  | ConRep1  | ConRep2  | ConRep3  | Avg. Conc. | ConcRSD | Units |
|------------|-------|----------|----------|----------|------------|---------|-------|
| Molybdenum | 94-1  | 8.40     | 7.99     | 8.12     | 8.17       | 2.60    | ppb   |
| Molybdenum | 95-1  | 0.29     | 0.30     | 0.30     | 0.30       | 2.61    | ppb   |
| Molybdenum | 96-1  | 1.34     | 1.26     | 1.36     | 1.32       | 3.94    | ppb   |
| Molybdenum | 97-1  | 0.27     | 0.36     | 0.29     | 0.30       | 14.86   | ppb   |
| Molybdenum | 98-1  | 0.28     | 0.25     | 0.23     | 0.25       | 8.40    | ppb   |
| Neodymium  | 150-1 |          |          |          |            |         | cps   |
| Neodymium  | 150-2 |          |          |          |            |         | cps   |
| Nickel     | 60-2  | 30.01    | 30.29    | 30.62    | 30.31      | 1.01    | ppb   |
| Phosphorus | 31-2  | 1331.02  | 798.21   | 1265.63  | 1131.62    | 25.68   | ppb   |
| Potassium  | 39-2  | 1745.24  | 1741.51  | 1827.50  | 1771.42    | 2.74    | ppb   |
| Rhodium    | 103-1 |          |          |          | 99         |         | %     |
| Rhodium    | 103-2 |          |          |          | 94         |         | %     |
| Scandium   | 45-1  |          |          |          | 95         |         | %     |
| Scandium   | 45-2  |          |          |          | 84         |         | %     |
| Selenium   | 77-2  | 58.48    | 80.80    | 50.64    | 63.31      | 24.72   | ppb   |
| Selenium   | 78-2  | 15.83    | 7.57     | 5.10     | 9.50       | 59.17   | ppb   |
| Selenium   | 82-1  | 0.30     | 0.63     | 1.32     | 0.75       | 69.28   | ppb   |
| Silicon    | 28-1  | 4030.65  | 2017.70  | 2047.25  | 2698.53    | 42.75   | ppb   |
| Silver     | 109-1 | 0.14     | 0.13     | 0.13     | 0.13       | 3.88    | ppb   |
| Silver     | 107-1 | 0.13     | 0.14     | 0.14     | 0.14       | 6.30    | ppb   |
| Sodium     | 23-2  | 369.17   | 377.74   | 384.81   | 377.24     | 2.08    | ppb   |
| Strontium  | 86-1  | 87.62    | 91.30    | 89.78    | 89.57      | 2.06    | ppb   |
| Strontium  | 88-1  | 92.58    | 93.23    | 92.96    | 92.92      | 0.35    | ppb   |
| Sulfur     | 34-1  | -2502.02 | -2187.08 | -2362.25 | -2350.45   |         | ppb   |
| Terbium    | 159-1 |          |          |          | 106        |         | %     |
| Terbium    | 159-2 |          |          |          | 98         |         | %     |
| Thallium   | 203-1 | 0.37     | 0.37     | 0.38     | 0.37       | 1.59    | ppb   |
| Thallium   | 205-1 | 0.38     | 0.36     | 0.39     | 0.38       | 4.51    | ppb   |
| Tin        | 118-1 | 0.82     | 0.85     | 0.82     | 0.83       | 2.10    | ppb   |
| Titanium   | 47-1  | 129.80   | 135.94   | 133.67   | 133.13     | 2.33    | ppb   |
| Uranium    | 238-1 | 1.41     | 1.42     | 1.40     | 1.41       | 0.68    | ppb   |
| Vanadium   | 51-2  | 30.42    | 30.42    | 30.78    | 30.54      | 0.69    | ppb   |
| Yttrium    | 89-1  |          |          |          | 108        |         | %     |
| Yttrium    | 89-2  |          |          |          | 98         |         | %     |
| Zinc       | 66-2  | 115.10   | 115.04   | 118.06   | 116.07     | 1.49    | ppb   |
| Zirconium  | 90-1  | 5.45     | 5.20     | 4.98     | 5.21       | 4.54    | ppb   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB92809             | Operator :        | Jaswal    |
| Lab Sample ID :         | J1225-14            | Instrumnet Name : | P8        |
| Client Sample ID :      | MF6A76              | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2018-01-22 15:37:17 | DataFile Name :   | 035SMPL.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|-----------|------|---------|---------|---------|------------|---------|-------|
| Zirconium | 91-1 | 4.75    | 4.84    | 5.65    | 5.08       | 9.73    | ppb   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB92809             | Operator :        | Jaswal    |
| Lab Sample ID :         | J1225-15            | Instrumnet Name : | P8        |
| Client Sample ID :      | MF6A76D             | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2018-01-22 15:40:26 | DataFile Name :   | 036SMPL.d |

| Parameter  | Mass  | ConRep1  | ConRep2  | ConRep3  | Avg. Conc. | ConcRSD | Units |
|------------|-------|----------|----------|----------|------------|---------|-------|
| Aluminium  | 27-2  | 9985.04  | 9615.05  | 11345.23 | 10315.11   | 8.83    | ppb   |
| Antimony   | 121-1 | 0.34     | 0.33     | 0.35     | 0.34       | 2.79    | ppb   |
| Arsenic    | 75-2  | 13.73    | 12.80    | 16.15    | 14.23      | 12.17   | ppb   |
| Barium     | 135-1 | 344.63   | 339.13   | 338.14   | 340.63     | 1.03    | ppb   |
| Barium     | 137-1 | 343.49   | 344.33   | 338.76   | 342.20     | 0.88    | ppb   |
| Beryllium  | 9-1   | 1.28     | 1.10     | 1.01     | 1.13       | 12.09   | ppb   |
| Bismuth    | 209-1 |          |          |          | 107        |         | %     |
| Bismuth    | 209-2 |          |          |          | 93         |         | %     |
| Boron      | 10-1  | 5.72     | 3.48     | 7.20     | 5.47       | 34.19   | ppb   |
| Boron      | 11-1  | 5.07     | 4.39     | 4.51     | 4.66       | 7.70    | ppb   |
| Cadmium    | 111-1 | 0.56     | 0.44     | 0.49     | 0.50       | 11.66   | ppb   |
| Cadmium    | 106-1 | 2.08     | 1.57     | 0.64     | 1.43       | 51.02   | ppb   |
| Cadmium    | 108-1 | 1.16     | 0.90     | 0.77     | 0.94       | 20.94   | ppb   |
| Calcium    | 43-1  | 52144.59 | 51690.83 | 51723.82 | 51853.08   | 0.49    | ppb   |
| Calcium    | 44-1  | 51614.29 | 51711.66 | 51818.85 | 51714.93   | 0.20    | ppb   |
| Chromium   | 52-2  | 32.67    | 30.04    | 35.84    | 32.85      | 8.84    | ppb   |
| Cobalt     | 59-2  | 12.32    | 11.61    | 14.08    | 12.67      | 10.04   | ppb   |
| Copper     | 63-2  | 36.32    | 34.94    | 40.89    | 37.38      | 8.34    | 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 |          |          |          | 106        |         | %     |
| Holmium    | 165-2 |          |          |          | 94         |         | %     |
| Indium     | 115-1 |          |          |          | 101        |         | %     |
| Indium     | 115-2 |          |          |          | 87         |         | %     |
| Iron       | 56-2  | 18412.64 | 17760.85 | 21114.97 | 19096.15   | 9.31    | ppb   |
| Iron       | 57-2  | 18024.95 | 17166.43 | 20451.05 | 18547.48   | 9.18    | ppb   |
| Lead       | 206-1 | 23.14    | 22.94    | 23.41    | 23.16      | 1.01    | ppb   |
| Lead       | 207-1 | 20.83    | 20.38    | 20.54    | 20.58      | 1.09    | ppb   |
| Lead       | 208-1 | 21.69    | 21.56    | 21.67    | 21.64      | 0.31    | ppb   |
| Lithium    | 6-1   |          |          |          | 96         |         | %     |
| Magnesium  | 24-2  | 14025.88 | 13400.82 | 15930.13 | 14452.28   | 9.12    | ppb   |
| Manganese  | 55-2  | 528.15   | 501.23   | 592.35   | 540.58     | 8.66    | ppb   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB92809             | Operator :        | Jaswal    |
| Lab Sample ID :         | J1225-15            | Instrumnet Name : | P8        |
| Client Sample ID :      | MF6A76D             | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2018-01-22 15:40:26 | DataFile Name :   | 036SMPL.d |

| Parameter  | Mass  | ConRep1  | ConRep2  | ConRep3  | Avg. Conc. | ConcRSD | Units |
|------------|-------|----------|----------|----------|------------|---------|-------|
| Molybdenum | 94-1  | 8.14     | 8.11     | 8.94     | 8.40       | 5.61    | ppb   |
| Molybdenum | 95-1  | 0.34     | 0.26     | 0.26     | 0.29       | 15.04   | ppb   |
| Molybdenum | 96-1  | 1.25     | 1.23     | 1.33     | 1.27       | 3.91    | ppb   |
| Molybdenum | 97-1  | 0.28     | 0.28     | 0.33     | 0.30       | 8.90    | ppb   |
| Molybdenum | 98-1  | 0.24     | 0.28     | 0.23     | 0.25       | 10.29   | ppb   |
| Neodymium  | 150-1 |          |          |          |            |         | cps   |
| Neodymium  | 150-2 |          |          |          |            |         | cps   |
| Nickel     | 60-2  | 30.77    | 28.64    | 35.28    | 31.56      | 10.75   | ppb   |
| Phosphorus | 31-2  | 916.39   | 1308.71  | 1242.87  | 1155.99    | 18.17   | ppb   |
| Potassium  | 39-2  | 1810.47  | 1670.38  | 2055.27  | 1845.38    | 10.56   | ppb   |
| Rhodium    | 103-1 |          |          |          | 98         |         | %     |
| Rhodium    | 103-2 |          |          |          | 90         |         | %     |
| Scandium   | 45-1  |          |          |          | 95         |         | %     |
| Scandium   | 45-2  |          |          |          | 80         |         | %     |
| Selenium   | 77-2  | 65.56    | 43.91    | 57.76    | 55.74      | 19.67   | ppb   |
| Selenium   | 78-2  | 6.32     | 8.73     | 11.28    | 8.77       | 28.28   | ppb   |
| Selenium   | 82-1  | 0.74     | 0.29     | 0.73     | 0.59       | 44.04   | ppb   |
| Silicon    | 28-1  | 2191.62  | 2073.71  | 2499.03  | 2254.79    | 9.74    | ppb   |
| Silver     | 109-1 | 0.12     | 0.12     | 0.11     | 0.12       | 6.94    | ppb   |
| Silver     | 107-1 | 0.12     | 0.15     | 0.13     | 0.13       | 9.40    | ppb   |
| Sodium     | 23-2  | 382.98   | 357.69   | 433.13   | 391.27     | 9.81    | ppb   |
| Strontium  | 86-1  | 89.45    | 88.85    | 88.48    | 88.93      | 0.55    | ppb   |
| Strontium  | 88-1  | 92.51    | 93.75    | 93.71    | 93.32      | 0.75    | ppb   |
| Sulfur     | 34-1  | -2271.89 | -2368.93 | -2032.11 | -2224.31   |         | ppb   |
| Terbium    | 159-1 |          |          |          | 105        |         | %     |
| Terbium    | 159-2 |          |          |          | 94         |         | %     |
| Thallium   | 203-1 | 0.38     | 0.35     | 0.38     | 0.37       | 4.26    | ppb   |
| Thallium   | 205-1 | 0.38     | 0.41     | 0.40     | 0.40       | 4.17    | ppb   |
| Tin        | 118-1 | 0.87     | 0.82     | 0.81     | 0.83       | 3.55    | ppb   |
| Titanium   | 47-1  | 176.79   | 128.43   | 129.33   | 144.85     | 19.10   | ppb   |
| Uranium    | 238-1 | 1.36     | 1.39     | 1.40     | 1.38       | 1.73    | ppb   |
| Vanadium   | 51-2  | 31.00    | 29.12    | 34.96    | 31.69      | 9.41    | ppb   |
| Yttrium    | 89-1  |          |          |          | 108        |         | %     |
| Yttrium    | 89-2  |          |          |          | 94         |         | %     |
| Zinc       | 66-2  | 114.25   | 115.27   | 133.48   | 121.00     | 8.94    | ppb   |
| Zirconium  | 90-1  | 5.97     | 5.11     | 5.41     | 5.50       | 7.92    | ppb   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB92809             | Operator :        | Jaswal    |
| Lab Sample ID :         | J1225-15            | Instrumnet Name : | P8        |
| Client Sample ID :      | MF6A76D             | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2018-01-22 15:40:26 | DataFile Name :   | 036SMPL.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|-----------|------|---------|---------|---------|------------|---------|-------|
| Zirconium | 91-1 | 4.98    | 5.25    | 5.24    | 5.15       | 2.97    | ppb   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB92809             | Operator :        | Jaswal    |
| Lab Sample ID :         | J1225-14LX5         | Instrumnet Name : | P8        |
| Client Sample ID :      | MF6A76L             | Dilution Factor : | 5         |
| Date & Time Acquired :: | 2018-01-22 15:43:36 | DataFile Name :   | 037SMPL.d |

| Parameter  | Mass  | ConRep1  | ConRep2  | ConRep3  | Avg. Conc. | ConcRSD | Units |
|------------|-------|----------|----------|----------|------------|---------|-------|
| Aluminium  | 27-2  | 1921.62  | 1952.31  | 2019.42  | 1964.45    | 2.55    | ppb   |
| Antimony   | 121-1 | 0.07     | 0.07     | 0.07     | 0.07       | 4.74    | ppb   |
| Arsenic    | 75-2  | 2.50     | 2.47     | 2.93     | 2.63       | 9.88    | ppb   |
| Barium     | 135-1 | 64.92    | 72.36    | 66.99    | 68.09      | 5.64    | ppb   |
| Barium     | 137-1 | 65.80    | 70.89    | 66.74    | 67.81      | 3.99    | ppb   |
| Beryllium  | 9-1   | 0.26     | 0.24     | 0.18     | 0.23       | 18.43   | ppb   |
| Bismuth    | 209-1 |          |          |          | 104        |         | %     |
| Bismuth    | 209-2 |          |          |          | 99         |         | %     |
| Boron      | 10-1  | 0.75     | 2.42     | 2.88     | 2.02       | 55.51   | ppb   |
| Boron      | 11-1  | 1.96     | 2.09     | 1.80     | 1.95       | 7.50    | ppb   |
| Cadmium    | 111-1 | 0.05     | -0.06    | 0.02     | 0.01       | 1079.77 | ppb   |
| Cadmium    | 106-1 | -0.16    | -1.58    | -0.69    | -0.81      |         | ppb   |
| Cadmium    | 108-1 | 0.26     | 0.37     | 0.27     | 0.30       | 19.86   | ppb   |
| Calcium    | 43-1  | 10054.89 | 10851.00 | 10254.89 | 10386.92   | 3.99    | ppb   |
| Calcium    | 44-1  | 10318.69 | 11077.69 | 10417.63 | 10604.67   | 3.89    | ppb   |
| Chromium   | 52-2  | 5.86     | 6.34     | 6.08     | 6.09       | 3.90    | ppb   |
| Cobalt     | 59-2  | 2.27     | 2.35     | 2.30     | 2.31       | 1.59    | ppb   |
| Copper     | 63-2  | 7.00     | 7.02     | 7.09     | 7.04       | 0.71    | ppb   |
| Dysprosium | 156-1 |          |          |          |            |         | cps   |
| Dysprosium | 156-2 |          |          |          |            |         | cps   |
| Erbium     | 164-1 |          |          |          |            |         | cps   |
| Erbium     | 164-2 |          |          |          |            |         | cps   |
| Gadolinium | 160-1 |          |          |          |            |         | cps   |
| Gadolinium | 160-2 |          |          |          |            |         | cps   |
| Holmium    | 165-1 |          |          |          | 102        |         | %     |
| Holmium    | 165-2 |          |          |          | 99         |         | %     |
| Indium     | 115-1 |          |          |          | 99         |         | %     |
| Indium     | 115-2 |          |          |          | 93         |         | %     |
| Iron       | 56-2  | 3434.80  | 3509.12  | 3496.62  | 3480.18    | 1.14    | ppb   |
| Iron       | 57-2  | 3482.52  | 3463.48  | 3386.55  | 3444.18    | 1.48    | ppb   |
| Lead       | 206-1 | 4.37     | 4.80     | 4.49     | 4.56       | 4.88    | ppb   |
| Lead       | 207-1 | 4.07     | 4.29     | 3.97     | 4.11       | 4.03    | ppb   |
| Lead       | 208-1 | 4.16     | 4.52     | 4.25     | 4.31       | 4.37    | ppb   |
| Lithium    | 6-1   |          |          |          | 93         |         | %     |
| Magnesium  | 24-2  | 2625.00  | 2699.43  | 2658.02  | 2660.82    | 1.40    | ppb   |
| Manganese  | 55-2  | 98.72    | 98.80    | 100.17   | 99.23      | 0.82    | ppb   |



|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB92809             | Operator :        | Jaswal    |
| Lab Sample ID :         | J1225-14LX5         | Instrumnet Name : | P8        |
| Client Sample ID :      | MF6A76L             | Dilution Factor : | 5         |
| Date & Time Acquired :: | 2018-01-22 15:43:36 | DataFile Name :   | 037SMPL.d |

| Parameter  | Mass  | ConRep1  | ConRep2 | ConRep3  | Avg. Conc. | ConcRSD | Units |
|------------|-------|----------|---------|----------|------------|---------|-------|
| Molybdenum | 94-1  | 1.51     | 1.74    | 1.64     | 1.63       | 7.15    | ppb   |
| Molybdenum | 95-1  | 0.04     | 0.07    | 0.06     | 0.06       | 24.73   | ppb   |
| Molybdenum | 96-1  | 0.28     | 0.27    | 0.28     | 0.28       | 1.91    | ppb   |
| Molybdenum | 97-1  | 0.07     | 0.08    | 0.04     | 0.06       | 30.96   | ppb   |
| Molybdenum | 98-1  | 0.04     | 0.04    | 0.04     | 0.04       | 7.12    | ppb   |
| Neodymium  | 150-1 |          |         |          |            |         | cps   |
| Neodymium  | 150-2 |          |         |          |            |         | cps   |
| Nickel     | 60-2  | 5.30     | 5.91    | 5.64     | 5.62       | 5.42    | ppb   |
| Phosphorus | 31-2  | 30.42    | 211.38  | 102.34   | 114.72     | 79.42   | ppb   |
| Potassium  | 39-2  | 350.77   | 356.85  | 337.34   | 348.32     | 2.87    | ppb   |
| Rhodium    | 103-1 |          |         |          | 97         |         | %     |
| Rhodium    | 103-2 |          |         |          | 95         |         | %     |
| Scandium   | 45-1  |          |         |          | 92         |         | %     |
| Scandium   | 45-2  |          |         |          | 84         |         | %     |
| Selenium   | 77-2  | 15.40    | 0.00    | 15.50    | 10.30      | 86.60   | ppb   |
| Selenium   | 78-2  | 0.48     | 2.97    | 3.00     | 2.15       | 67.41   | ppb   |
| Selenium   | 82-1  | 0.70     | -0.03   | 0.50     | 0.39       | 96.52   | ppb   |
| Silicon    | 28-1  | 365.94   | 462.22  | 582.01   | 470.06     | 23.03   | ppb   |
| Silver     | 109-1 | 0.03     | 0.04    | 0.03     | 0.03       | 7.04    | ppb   |
| Silver     | 107-1 | 0.05     | 0.04    | 0.02     | 0.03       | 46.19   | ppb   |
| Sodium     | 23-2  | 101.10   | 110.88  | 97.40    | 103.13     | 6.75    | ppb   |
| Strontium  | 86-1  | 18.19    | 19.85   | 18.86    | 18.97      | 4.40    | ppb   |
| Strontium  | 88-1  | 18.75    | 19.93   | 19.00    | 19.23      | 3.25    | ppb   |
| Sulfur     | 34-1  | -1753.86 | -601.15 | -1306.45 | -1220.49   |         | ppb   |
| Terbium    | 159-1 |          |         |          | 101        |         | %     |
| Terbium    | 159-2 |          |         |          | 98         |         | %     |
| Thallium   | 203-1 | 0.06     | 0.09    | 0.08     | 0.08       | 23.69   | ppb   |
| Thallium   | 205-1 | 0.06     | 0.08    | 0.08     | 0.07       | 18.06   | ppb   |
| Tin        | 118-1 | 0.14     | 0.15    | 0.14     | 0.14       | 3.61    | ppb   |
| Titanium   | 47-1  | 23.38    | 24.79   | 27.25    | 25.14      | 7.79    | ppb   |
| Uranium    | 238-1 | 0.28     | 0.27    | 0.28     | 0.28       | 3.09    | ppb   |
| Vanadium   | 51-2  | 5.92     | 5.87    | 5.92     | 5.90       | 0.50    | ppb   |
| Yttrium    | 89-1  |          |         |          | 98         |         | %     |
| Yttrium    | 89-2  |          |         |          | 93         |         | %     |
| Zinc       | 66-2  | 22.65    | 23.74   | 23.08    | 23.16      | 2.36    | ppb   |
| Zirconium  | 90-1  | 1.02     | 1.07    | 1.09     | 1.06       | 3.34    | ppb   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB92809             | Operator :        | Jaswal    |
| Lab Sample ID :         | J1225-14LX5         | Instrumnet Name : | P8        |
| Client Sample ID :      | MF6A76L             | Dilution Factor : | 5         |
| Date & Time Acquired :: | 2018-01-22 15:43:36 | DataFile Name :   | 037SMPL.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|-----------|------|---------|---------|---------|------------|---------|-------|
| Zirconium | 91-1 | 0.92    | 1.09    | 1.16    | 1.05       | 11.93   | ppb   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB92809             | Operator :        | Jaswal    |
| Lab Sample ID :         | J1225-16            | Instrumnet Name : | P8        |
| Client Sample ID :      | MF6A76S             | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2018-01-22 15:46:47 | DataFile Name :   | 038SMPL.d |

| Parameter  | Mass  | ConRep1  | ConRep2  | ConRep3  | Avg. Conc. | ConcRSD | Units |
|------------|-------|----------|----------|----------|------------|---------|-------|
| Aluminium  | 27-2  | 10114.16 | 10103.37 | 10498.59 | 10238.71   | 2.20    | ppb   |
| Antimony   | 121-1 | 19.86    | 19.76    | 19.89    | 19.83      | 0.35    | ppb   |
| Arsenic    | 75-2  | 20.84    | 20.99    | 21.21    | 21.01      | 0.89    | ppb   |
| Barium     | 135-1 | 741.76   | 738.73   | 730.73   | 737.08     | 0.77    | ppb   |
| Barium     | 137-1 | 757.62   | 761.54   | 757.85   | 759.00     | 0.29    | ppb   |
| Beryllium  | 9-1   | 10.86    | 10.81    | 10.81    | 10.83      | 0.26    | ppb   |
| Bismuth    | 209-1 |          |          |          | 106        |         | %     |
| Bismuth    | 209-2 |          |          |          | 98         |         | %     |
| Boron      | 10-1  | 3.24     | 4.93     | 4.53     | 4.24       | 20.85   | ppb   |
| Boron      | 11-1  | 4.91     | 4.23     | 4.74     | 4.63       | 7.59    | ppb   |
| Cadmium    | 111-1 | 10.29    | 10.25    | 10.08    | 10.21      | 1.11    | ppb   |
| Cadmium    | 106-1 | 9.41     | 10.02    | 7.86     | 9.10       | 12.22   | ppb   |
| Cadmium    | 108-1 | 9.88     | 8.14     | 8.71     | 8.91       | 9.94    | ppb   |
| Calcium    | 43-1  | 51755.56 | 52106.33 | 51739.66 | 51867.18   | 0.40    | ppb   |
| Calcium    | 44-1  | 51804.88 | 51790.77 | 51188.85 | 51594.83   | 0.68    | ppb   |
| Chromium   | 52-2  | 70.63    | 69.27    | 72.15    | 70.68      | 2.04    | ppb   |
| Cobalt     | 59-2  | 114.43   | 113.65   | 115.35   | 114.48     | 0.74    | ppb   |
| Copper     | 63-2  | 86.76    | 86.78    | 87.90    | 87.15      | 0.75    | ppb   |
| Dysprosium | 156-1 |          |          |          |            |         | cps   |
| Dysprosium | 156-2 |          |          |          |            |         | cps   |
| Erbium     | 164-1 |          |          |          |            |         | cps   |
| Erbium     | 164-2 |          |          |          |            |         | cps   |
| Gadolinium | 160-1 |          |          |          |            |         | cps   |
| Gadolinium | 160-2 |          |          |          |            |         | cps   |
| Holmium    | 165-1 |          |          |          | 106        |         | %     |
| Holmium    | 165-2 |          |          |          | 99         |         | %     |
| Indium     | 115-1 |          |          |          | 100        |         | %     |
| Indium     | 115-2 |          |          |          | 92         |         | %     |
| Iron       | 56-2  | 18089.55 | 18324.63 | 18376.86 | 18263.68   | 0.84    | ppb   |
| Iron       | 57-2  | 17696.42 | 17789.74 | 17782.70 | 17756.29   | 0.29    | ppb   |
| Lead       | 206-1 | 27.18    | 26.74    | 26.98    | 26.97      | 0.81    | ppb   |
| Lead       | 207-1 | 24.47    | 24.50    | 24.11    | 24.36      | 0.89    | ppb   |
| Lead       | 208-1 | 25.68    | 25.43    | 25.41    | 25.51      | 0.59    | ppb   |
| Lithium    | 6-1   |          |          |          | 95         |         | %     |
| Magnesium  | 24-2  | 13555.66 | 13595.19 | 13763.62 | 13638.16   | 0.81    | ppb   |
| Manganese  | 55-2  | 606.11   | 609.96   | 620.55   | 612.20     | 1.22    | ppb   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB92809             | Operator :        | Jaswal    |
| Lab Sample ID :         | J1225-16            | Instrumnet Name : | P8        |
| Client Sample ID :      | MF6A76S             | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2018-01-22 15:46:47 | DataFile Name :   | 038SMPL.d |

| Parameter  | Mass  | ConRep1  | ConRep2  | ConRep3  | Avg. Conc. | ConcRSD | Units |
|------------|-------|----------|----------|----------|------------|---------|-------|
| Molybdenum | 94-1  | 8.32     | 8.12     | 8.11     | 8.18       | 1.43    | ppb   |
| Molybdenum | 95-1  | 0.30     | 0.31     | 0.31     | 0.30       | 1.36    | ppb   |
| Molybdenum | 96-1  | 1.38     | 1.29     | 1.20     | 1.29       | 7.27    | ppb   |
| Molybdenum | 97-1  | 0.21     | 0.27     | 0.30     | 0.26       | 17.55   | ppb   |
| Molybdenum | 98-1  | 0.25     | 0.29     | 0.24     | 0.26       | 10.71   | ppb   |
| Neodymium  | 150-1 |          |          |          |            |         | cps   |
| Neodymium  | 150-2 |          |          |          |            |         | cps   |
| Nickel     | 60-2  | 132.95   | 135.66   | 133.88   | 134.16     | 1.03    | ppb   |
| Phosphorus | 31-2  | 1139.10  | 1147.83  | 922.75   | 1069.89    | 11.92   | ppb   |
| Potassium  | 39-2  | 1693.40  | 1761.71  | 1711.77  | 1722.29    | 2.05    | ppb   |
| Rhodium    | 103-1 |          |          |          | 98         |         | %     |
| Rhodium    | 103-2 |          |          |          | 94         |         | %     |
| Scandium   | 45-1  |          |          |          | 95         |         | %     |
| Scandium   | 45-2  |          |          |          | 84         |         | %     |
| Selenium   | 77-2  | 80.80    | 59.43    | 143.56   | 94.60      | 46.22   | ppb   |
| Selenium   | 78-2  | 18.29    | 23.33    | 31.82    | 24.48      | 27.94   | ppb   |
| Selenium   | 82-1  | 19.27    | 18.32    | 18.26    | 18.61      | 3.06    | ppb   |
| Silicon    | 28-1  | 2130.80  | 2543.70  | 2124.81  | 2266.44    | 10.60   | ppb   |
| Silver     | 109-1 | 9.47     | 9.81     | 9.43     | 9.57       | 2.21    | ppb   |
| Silver     | 107-1 | 9.76     | 9.71     | 9.68     | 9.71       | 0.41    | ppb   |
| Sodium     | 23-2  | 380.93   | 381.03   | 365.65   | 375.87     | 2.35    | ppb   |
| Strontium  | 86-1  | 90.33    | 87.66    | 88.49    | 88.82      | 1.54    | ppb   |
| Strontium  | 88-1  | 93.20    | 92.64    | 92.43    | 92.76      | 0.43    | ppb   |
| Sulfur     | 34-1  | -2092.97 | -2049.15 | -1985.46 | -2042.53   |         | ppb   |
| Terbium    | 159-1 |          |          |          | 105        |         | %     |
| Terbium    | 159-2 |          |          |          | 98         |         | %     |
| Thallium   | 203-1 | 10.11    | 10.12    | 10.28    | 10.17      | 0.91    | ppb   |
| Thallium   | 205-1 | 10.28    | 10.12    | 10.05    | 10.15      | 1.16    | ppb   |
| Tin        | 118-1 | 0.91     | 0.81     | 0.79     | 0.84       | 7.15    | ppb   |
| Titanium   | 47-1  | 137.40   | 129.09   | 170.16   | 145.55     | 14.92   | ppb   |
| Uranium    | 238-1 | 1.41     | 1.39     | 1.41     | 1.40       | 0.70    | ppb   |
| Vanadium   | 51-2  | 128.50   | 128.38   | 132.15   | 129.68     | 1.65    | ppb   |
| Yttrium    | 89-1  |          |          |          | 107        |         | %     |
| Yttrium    | 89-2  |          |          |          | 98         |         | %     |
| Zinc       | 66-2  | 212.99   | 212.86   | 217.50   | 214.45     | 1.23    | ppb   |
| Zirconium  | 90-1  | 5.17     | 5.23     | 5.35     | 5.25       | 1.69    | ppb   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB92809             | Operator :        | Jaswal    |
| Lab Sample ID :         | J1225-16            | Instrumnet Name : | P8        |
| Client Sample ID :      | MF6A76S             | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2018-01-22 15:46:47 | DataFile Name :   | 038SMPL.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|-----------|------|---------|---------|---------|------------|---------|-------|
| Zirconium | 91-1 | 5.46    | 5.42    | 5.36    | 5.42       | 0.90    | ppb   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB92809             | Operator :        | Jaswal    |
| Lab Sample ID :         | J1225-17            | Instrumnet Name : | P8        |
| Client Sample ID :      | MF6A77              | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2018-01-22 15:49:57 | DataFile Name :   | 039SMPL.d |

| Parameter  | Mass  | ConRep1  | ConRep2  | ConRep3  | Avg. Conc. | ConcRSD | Units |
|------------|-------|----------|----------|----------|------------|---------|-------|
| Aluminium  | 27-2  | 6705.84  | 6721.64  | 6774.30  | 6733.93    | 0.53    | ppb   |
| Antimony   | 121-1 | 0.25     | 0.24     | 0.29     | 0.26       | 10.33   | ppb   |
| Arsenic    | 75-2  | 4.35     | 4.46     | 4.46     | 4.43       | 1.50    | ppb   |
| Barium     | 135-1 | 268.94   | 265.21   | 262.92   | 265.69     | 1.14    | ppb   |
| Barium     | 137-1 | 269.68   | 268.47   | 266.13   | 268.09     | 0.67    | ppb   |
| Beryllium  | 9-1   | 0.75     | 0.62     | 0.63     | 0.67       | 11.08   | ppb   |
| Bismuth    | 209-1 |          |          |          | 110        |         | %     |
| Bismuth    | 209-2 |          |          |          | 100        |         | %     |
| Boron      | 10-1  | 1.95     | 3.01     | 3.34     | 2.77       | 26.29   | ppb   |
| Boron      | 11-1  | 4.15     | 4.15     | 3.63     | 3.98       | 7.57    | ppb   |
| Cadmium    | 111-1 | 0.19     | 0.21     | 0.31     | 0.24       | 28.86   | ppb   |
| Cadmium    | 106-1 | 0.78     | 0.48     | 2.13     | 1.13       | 77.79   | ppb   |
| Cadmium    | 108-1 | 0.69     | 0.50     | 0.76     | 0.65       | 19.93   | ppb   |
| Calcium    | 43-1  | 31598.08 | 31889.95 | 32317.36 | 31935.13   | 1.13    | ppb   |
| Calcium    | 44-1  | 31766.75 | 32078.65 | 32518.46 | 32121.29   | 1.18    | ppb   |
| Chromium   | 52-2  | 13.13    | 12.61    | 13.46    | 13.07      | 3.25    | ppb   |
| Cobalt     | 59-2  | 7.75     | 7.64     | 7.46     | 7.62       | 1.97    | ppb   |
| Copper     | 63-2  | 12.64    | 12.29    | 13.09    | 12.68      | 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 |          |          |          | 109        |         | %     |
| Holmium    | 165-2 |          |          |          | 101        |         | %     |
| Indium     | 115-1 |          |          |          | 104        |         | %     |
| Indium     | 115-2 |          |          |          | 93         |         | %     |
| Iron       | 56-2  | 13570.75 | 13426.33 | 13566.92 | 13521.34   | 0.61    | ppb   |
| Iron       | 57-2  | 13216.95 | 13070.15 | 13124.13 | 13137.08   | 0.57    | ppb   |
| Lead       | 206-1 | 12.52    | 12.59    | 12.80    | 12.64      | 1.14    | ppb   |
| Lead       | 207-1 | 11.21    | 11.06    | 11.25    | 11.17      | 0.86    | ppb   |
| Lead       | 208-1 | 11.75    | 11.69    | 11.93    | 11.79      | 1.05    | ppb   |
| Lithium    | 6-1   |          |          |          | 98         |         | %     |
| Magnesium  | 24-2  | 12316.51 | 12041.58 | 12325.45 | 12227.85   | 1.32    | ppb   |
| Manganese  | 55-2  | 288.00   | 279.32   | 283.59   | 283.64     | 1.53    | ppb   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB92809             | Operator :        | Jaswal    |
| Lab Sample ID :         | J1225-17            | Instrumnet Name : | P8        |
| Client Sample ID :      | MF6A77              | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2018-01-22 15:49:57 | DataFile Name :   | 039SMPL.d |

| Parameter  | Mass  | ConRep1  | ConRep2  | ConRep3  | Avg. Conc. | ConcRSD | Units |
|------------|-------|----------|----------|----------|------------|---------|-------|
| Molybdenum | 94-1  | 12.02    | 9.02     | 8.69     | 9.91       | 18.50   | ppb   |
| Molybdenum | 95-1  | 0.18     | 0.17     | 0.20     | 0.18       | 9.39    | ppb   |
| Molybdenum | 96-1  | 1.30     | 1.32     | 1.40     | 1.34       | 3.94    | ppb   |
| Molybdenum | 97-1  | 0.23     | 0.22     | 0.19     | 0.22       | 8.43    | ppb   |
| Molybdenum | 98-1  | 0.17     | 0.18     | 0.17     | 0.17       | 2.22    | ppb   |
| Neodymium  | 150-1 |          |          |          |            |         | cps   |
| Neodymium  | 150-2 |          |          |          |            |         | cps   |
| Nickel     | 60-2  | 19.41    | 20.18    | 20.72    | 20.11      | 3.27    | ppb   |
| Phosphorus | 31-2  | 962.26   | 957.46   | 1220.13  | 1046.62    | 14.36   | ppb   |
| Potassium  | 39-2  | 1464.26  | 1443.42  | 1483.21  | 1463.63    | 1.36    | ppb   |
| Rhodium    | 103-1 |          |          |          | 101        |         | %     |
| Rhodium    | 103-2 |          |          |          | 96         |         | %     |
| Scandium   | 45-1  |          |          |          | 96         |         | %     |
| Scandium   | 45-2  |          |          |          | 84         |         | %     |
| Selenium   | 77-2  | 14.59    | 58.13    | 80.40    | 51.04      | 65.59   | ppb   |
| Selenium   | 78-2  | 5.14     | 7.48     | 2.79     | 5.13       | 45.64   | ppb   |
| Selenium   | 82-1  | 0.59     | 0.92     | 1.02     | 0.84       | 26.82   | ppb   |
| Silicon    | 28-1  | 1773.72  | 1673.17  | 1983.26  | 1810.05    | 8.74    | ppb   |
| Silver     | 109-1 | 0.07     | 0.06     | 0.06     | 0.07       | 10.78   | ppb   |
| Silver     | 107-1 | 0.07     | 0.07     | 0.08     | 0.07       | 14.02   | ppb   |
| Sodium     | 23-2  | 271.92   | 288.53   | 294.69   | 285.05     | 4.13    | ppb   |
| Strontium  | 86-1  | 57.57    | 57.62    | 56.61    | 57.27      | 0.99    | ppb   |
| Strontium  | 88-1  | 58.28    | 58.30    | 58.14    | 58.24      | 0.15    | ppb   |
| Sulfur     | 34-1  | -2171.08 | -2118.27 | -1577.64 | -1955.66   |         | ppb   |
| Terbium    | 159-1 |          |          |          | 108        |         | %     |
| Terbium    | 159-2 |          |          |          | 100        |         | %     |
| Thallium   | 203-1 | 0.23     | 0.23     | 0.24     | 0.23       | 2.55    | ppb   |
| Thallium   | 205-1 | 0.23     | 0.25     | 0.24     | 0.24       | 4.65    | ppb   |
| Tin        | 118-1 | 0.53     | 0.48     | 0.51     | 0.51       | 5.51    | ppb   |
| Titanium   | 47-1  | 161.11   | 153.14   | 158.33   | 157.53     | 2.57    | ppb   |
| Uranium    | 238-1 | 1.24     | 1.21     | 1.21     | 1.22       | 1.52    | ppb   |
| Vanadium   | 51-2  | 19.57    | 20.77    | 19.54    | 19.96      | 3.52    | ppb   |
| Yttrium    | 89-1  |          |          |          | 108        |         | %     |
| Yttrium    | 89-2  |          |          |          | 98         |         | %     |
| Zinc       | 66-2  | 50.41    | 50.78    | 52.66    | 51.28      | 2.36    | ppb   |
| Zirconium  | 90-1  | 5.79     | 5.72     | 5.75     | 5.75       | 0.58    | ppb   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB92809             | Operator :        | Jaswal    |
| Lab Sample ID :         | J1225-17            | Instrumnet Name : | P8        |
| Client Sample ID :      | MF6A77              | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2018-01-22 15:49:57 | DataFile Name :   | 039SMPL.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|-----------|------|---------|---------|---------|------------|---------|-------|
| Zirconium | 91-1 | 5.65    | 5.67    | 5.61    | 5.64       | 0.48    | ppb   |



|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB92809             | Operator :        | Jaswal    |
| Lab Sample ID :         | J1225-18            | Instrumnet Name : | P8        |
| Client Sample ID :      | MF6A79              | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2018-01-22 15:53:09 | DataFile Name :   | 040SMPL.d |

| Parameter  | Mass  | ConRep1  | ConRep2  | ConRep3  | Avg. Conc. | ConcRSD | Units |
|------------|-------|----------|----------|----------|------------|---------|-------|
| Aluminium  | 27-2  | 5823.28  | 6373.27  | 6261.85  | 6152.80    | 4.73    | ppb   |
| Antimony   | 121-1 | 1.62     | 1.79     | 1.62     | 1.68       | 5.77    | ppb   |
| Arsenic    | 75-2  | 14.64    | 15.64    | 13.60    | 14.63      | 7.00    | ppb   |
| Barium     | 135-1 | 432.45   | 468.20   | 429.51   | 443.39     | 4.86    | ppb   |
| Barium     | 137-1 | 432.55   | 469.97   | 431.74   | 444.75     | 4.91    | ppb   |
| Beryllium  | 9-1   | 0.77     | 0.80     | 0.61     | 0.73       | 13.84   | ppb   |
| Bismuth    | 209-1 |          |          |          | 108        |         | %     |
| Bismuth    | 209-2 |          |          |          | 102        |         | %     |
| Boron      | 10-1  | 2.73     | 3.77     | 3.35     | 3.28       | 15.99   | ppb   |
| Boron      | 11-1  | 3.01     | 3.20     | 3.10     | 3.11       | 3.09    | ppb   |
| Cadmium    | 111-1 | 2.07     | 2.39     | 2.16     | 2.20       | 7.51    | ppb   |
| Cadmium    | 106-1 | 1.13     | 1.68     | 1.76     | 1.52       | 22.77   | ppb   |
| Cadmium    | 108-1 | 2.55     | 2.49     | 2.37     | 2.47       | 3.73    | ppb   |
| Calcium    | 43-1  | 14058.78 | 15319.08 | 14017.05 | 14464.97   | 5.12    | ppb   |
| Calcium    | 44-1  | 14218.35 | 15442.04 | 14191.82 | 14617.40   | 4.89    | ppb   |
| Chromium   | 52-2  | 63.21    | 65.58    | 66.50    | 65.10      | 2.61    | ppb   |
| Cobalt     | 59-2  | 7.44     | 7.49     | 7.35     | 7.42       | 0.98    | ppb   |
| Copper     | 63-2  | 109.28   | 112.25   | 113.67   | 111.73     | 2.01    | 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 |          |          |          | 107        |         | %     |
| Holmium    | 165-2 |          |          |          | 102        |         | %     |
| Indium     | 115-1 |          |          |          | 102        |         | %     |
| Indium     | 115-2 |          |          |          | 95         |         | %     |
| Iron       | 56-2  | 14931.52 | 15387.27 | 15736.37 | 15351.72   | 2.63    | ppb   |
| Iron       | 57-2  | 14582.02 | 15167.24 | 15213.15 | 14987.47   | 2.35    | ppb   |
| Lead       | 206-1 | 5262.62  | 5622.37  | 5259.68  | 5381.56    | 3.88    | ppb   |
| Lead       | 207-1 | 4883.63  | 5278.48  | 4928.92  | 5030.34    | 4.30    | ppb   |
| Lead       | 208-1 | 5067.00  | 5468.15  | 5096.18  | 5210.44    | 4.29    | ppb   |
| Lithium    | 6-1   |          |          |          | 97         |         | %     |
| Magnesium  | 24-2  | 1196.14  | 1312.89  | 1303.41  | 1270.81    | 5.10    | ppb   |
| Manganese  | 55-2  | 156.91   | 159.82   | 160.54   | 159.09     | 1.21    | ppb   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB92809             | Operator :        | Jaswal    |
| Lab Sample ID :         | J1225-18            | Instrumnet Name : | P8        |
| Client Sample ID :      | MF6A79              | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2018-01-22 15:53:09 | DataFile Name :   | 040SMPL.d |

| Parameter  | Mass  | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|------------|-------|---------|---------|---------|------------|---------|-------|
| Molybdenum | 94-1  | 5.00    | 5.30    | 4.98    | 5.09       | 3.50    | ppb   |
| Molybdenum | 95-1  | 0.70    | 0.71    | 0.73    | 0.72       | 1.90    | ppb   |
| Molybdenum | 96-1  | 1.24    | 1.36    | 1.29    | 1.30       | 4.42    | ppb   |
| Molybdenum | 97-1  | 0.66    | 0.84    | 0.79    | 0.76       | 12.12   | ppb   |
| Molybdenum | 98-1  | 0.73    | 0.81    | 0.70    | 0.75       | 7.70    | ppb   |
| Neodymium  | 150-1 |         |         |         |            |         | cps   |
| Neodymium  | 150-2 |         |         |         |            |         | cps   |
| Nickel     | 60-2  | 9.96    | 10.03   | 10.18   | 10.06      | 1.08    | ppb   |
| Phosphorus | 31-2  | 295.92  | 168.10  | 240.61  | 234.88     | 27.29   | ppb   |
| Potassium  | 39-2  | 887.45  | 803.52  | 826.68  | 839.22     | 5.17    | ppb   |
| Rhodium    | 103-1 |         |         |         | 100        |         | %     |
| Rhodium    | 103-2 |         |         |         | 98         |         | %     |
| Scandium   | 45-1  |         |         |         | 96         |         | %     |
| Scandium   | 45-2  |         |         |         | 88         |         | %     |
| Selenium   | 77-2  | 71.81   | 79.65   | 36.49   | 62.65      | 36.70   | ppb   |
| Selenium   | 78-2  | 2.73    | 2.75    | 8.69    | 4.72       | 72.73   | ppb   |
| Selenium   | 82-1  | 0.96    | 0.68    | 0.55    | 0.73       | 29.03   | ppb   |
| Silicon    | 28-1  | 1872.83 | 1889.71 | 1695.63 | 1819.39    | 5.91    | ppb   |
| Silver     | 109-1 | 0.27    | 0.35    | 0.24    | 0.29       | 19.84   | ppb   |
| Silver     | 107-1 | 0.30    | 0.29    | 0.27    | 0.29       | 6.15    | ppb   |
| Sodium     | 23-2  | 376.22  | 393.41  | 406.76  | 392.13     | 3.90    | ppb   |
| Strontium  | 86-1  | 115.19  | 125.21  | 117.23  | 119.21     | 4.44    | ppb   |
| Strontium  | 88-1  | 119.96  | 131.98  | 120.70  | 124.21     | 5.42    | ppb   |
| Sulfur     | 34-1  | 6323.00 | 7947.56 | 5992.76 | 6754.44    | 15.49   | ppb   |
| Terbium    | 159-1 |         |         |         | 106        |         | %     |
| Terbium    | 159-2 |         |         |         | 101        |         | %     |
| Thallium   | 203-1 | 0.14    | 0.14    | 0.15    | 0.14       | 4.97    | ppb   |
| Thallium   | 205-1 | 0.14    | 0.15    | 0.15    | 0.15       | 3.25    | ppb   |
| Tin        | 118-1 | 16.86   | 18.34   | 16.84   | 17.35      | 4.94    | ppb   |
| Titanium   | 47-1  | 64.69   | 76.11   | 64.28   | 68.36      | 9.82    | ppb   |
| Uranium    | 238-1 | 0.53    | 0.55    | 0.56    | 0.55       | 2.67    | ppb   |
| Vanadium   | 51-2  | 23.61   | 24.33   | 25.72   | 24.55      | 4.36    | ppb   |
| Yttrium    | 89-1  |         |         |         | 106        |         | %     |
| Yttrium    | 89-2  |         |         |         | 99         |         | %     |
| Zinc       | 66-2  | 208.74  | 209.45  | 211.59  | 209.93     | 0.71    | ppb   |
| Zirconium  | 90-1  | 2.86    | 3.05    | 3.13    | 3.01       | 4.57    | ppb   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB92809             | Operator :        | Jaswal    |
| Lab Sample ID :         | J1225-18            | Instrumnet Name : | P8        |
| Client Sample ID :      | MF6A79              | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2018-01-22 15:53:09 | DataFile Name :   | 040SMPL.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|-----------|------|---------|---------|---------|------------|---------|-------|
| Zirconium | 91-1 | 3.23    | 3.29    | 2.63    | 3.05       | 12.00   | ppb   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB92809             | Operator :        | Jaswal    |
| Lab Sample ID :         | J1225-19            | Instrumnet Name : | P8        |
| Client Sample ID :      | MF6A80              | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2018-01-22 15:56:17 | DataFile Name :   | 041SMPL.d |

| Parameter  | Mass  | ConRep1  | ConRep2  | ConRep3  | Avg. Conc. | ConcRSD | Units |
|------------|-------|----------|----------|----------|------------|---------|-------|
| Aluminium  | 27-2  | 19700.60 | 19525.49 | 19591.34 | 19605.81   | 0.45    | ppb   |
| Antimony   | 121-1 | 0.20     | 0.21     | 0.20     | 0.21       | 3.75    | ppb   |
| Arsenic    | 75-2  | 10.39    | 10.08    | 11.21    | 10.56      | 5.53    | ppb   |
| Barium     | 135-1 | 337.47   | 333.34   | 336.72   | 335.84     | 0.66    | ppb   |
| Barium     | 137-1 | 337.28   | 335.65   | 335.99   | 336.31     | 0.25    | ppb   |
| Beryllium  | 9-1   | 0.65     | 0.41     | 0.37     | 0.48       | 31.71   | ppb   |
| Bismuth    | 209-1 |          |          |          | 111        |         | %     |
| Bismuth    | 209-2 |          |          |          | 100        |         | %     |
| Boron      | 10-1  | 1.63     | 2.51     | 1.69     | 1.94       | 25.52   | ppb   |
| Boron      | 11-1  | 2.31     | 2.18     | 2.19     | 2.23       | 3.35    | ppb   |
| Cadmium    | 111-1 | 0.08     | 0.12     | 0.08     | 0.09       | 25.05   | ppb   |
| Cadmium    | 106-1 | -0.24    | 0.00     | -0.13    | -0.12      |         | ppb   |
| Cadmium    | 108-1 | 0.65     | 0.53     | 0.54     | 0.57       | 11.20   | ppb   |
| Calcium    | 43-1  | 10901.85 | 10679.80 | 10644.18 | 10741.94   | 1.30    | ppb   |
| Calcium    | 44-1  | 10833.49 | 10952.09 | 10838.61 | 10874.73   | 0.62    | ppb   |
| Chromium   | 52-2  | 40.36    | 40.42    | 41.23    | 40.67      | 1.19    | ppb   |
| Cobalt     | 59-2  | 3.77     | 3.57     | 3.91     | 3.75       | 4.50    | ppb   |
| Copper     | 63-2  | 36.84    | 37.07    | 38.03    | 37.31      | 1.70    | ppb   |
| Dysprosium | 156-1 |          |          |          |            |         | cps   |
| Dysprosium | 156-2 |          |          |          |            |         | cps   |
| Erbium     | 164-1 |          |          |          |            |         | cps   |
| Erbium     | 164-2 |          |          |          |            |         | cps   |
| Gadolinium | 160-1 |          |          |          |            |         | cps   |
| Gadolinium | 160-2 |          |          |          |            |         | cps   |
| Holmium    | 165-1 |          |          |          | 109        |         | %     |
| Holmium    | 165-2 |          |          |          | 100        |         | %     |
| Indium     | 115-1 |          |          |          | 106        |         | %     |
| Indium     | 115-2 |          |          |          | 94         |         | %     |
| Iron       | 56-2  | 22995.09 | 22839.11 | 23432.54 | 23088.92   | 1.33    | ppb   |
| Iron       | 57-2  | 22081.13 | 22116.22 | 22964.22 | 22387.19   | 2.23    | ppb   |
| Lead       | 206-1 | 33.14    | 33.14    | 32.92    | 33.07      | 0.38    | ppb   |
| Lead       | 207-1 | 30.26    | 29.94    | 29.98    | 30.06      | 0.58    | ppb   |
| Lead       | 208-1 | 31.59    | 31.11    | 31.28    | 31.32      | 0.77    | ppb   |
| Lithium    | 6-1   |          |          |          | 99         |         | %     |
| Magnesium  | 24-2  | 2040.56  | 1975.88  | 2054.09  | 2023.51    | 2.07    | ppb   |
| Manganese  | 55-2  | 103.34   | 102.19   | 108.24   | 104.59     | 3.07    | ppb   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB92809             | Operator :        | Jaswal    |
| Lab Sample ID :         | J1225-19            | Instrumnet Name : | P8        |
| Client Sample ID :      | MF6A80              | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2018-01-22 15:56:17 | DataFile Name :   | 041SMPL.d |

| Parameter  | Mass  | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|------------|-------|---------|---------|---------|------------|---------|-------|
| Molybdenum | 94-1  | 7.24    | 7.30    | 6.78    | 7.11       | 4.03    | ppb   |
| Molybdenum | 95-1  | 0.39    | 0.38    | 0.39    | 0.39       | 2.42    | ppb   |
| Molybdenum | 96-1  | 1.18    | 1.10    | 1.36    | 1.21       | 11.04   | ppb   |
| Molybdenum | 97-1  | 0.35    | 0.45    | 0.36    | 0.39       | 14.27   | ppb   |
| Molybdenum | 98-1  | 0.39    | 0.32    | 0.30    | 0.34       | 13.72   | ppb   |
| Neodymium  | 150-1 |         |         |         |            |         | cps   |
| Neodymium  | 150-2 |         |         |         |            |         | cps   |
| Nickel     | 60-2  | 15.11   | 14.42   | 15.80   | 15.11      | 4.56    | ppb   |
| Phosphorus | 31-2  | -4.97   | -4.97   | 99.71   | 29.92      | 201.99  | ppb   |
| Potassium  | 39-2  | 745.38  | 762.08  | 774.10  | 760.52     | 1.90    | ppb   |
| Rhodium    | 103-1 |         |         |         | 103        |         | %     |
| Rhodium    | 103-2 |         |         |         | 97         |         | %     |
| Scandium   | 45-1  |         |         |         | 100        |         | %     |
| Scandium   | 45-2  |         |         |         | 89         |         | %     |
| Selenium   | 77-2  | 29.96   | 22.48   | 7.85    | 20.09      | 55.97   | ppb   |
| Selenium   | 78-2  | 2.88    | 5.31    | 1.77    | 3.32       | 54.44   | ppb   |
| Selenium   | 82-1  | 0.08    | -0.05   | 0.80    | 0.28       | 165.56  | ppb   |
| Silicon    | 28-1  | 1579.62 | 1625.36 | 1625.84 | 1610.27    | 1.65    | ppb   |
| Silver     | 109-1 | 0.12    | 0.12    | 0.10    | 0.11       | 9.49    | ppb   |
| Silver     | 107-1 | 0.11    | 0.09    | 0.11    | 0.10       | 12.39   | ppb   |
| Sodium     | 23-2  | 658.25  | 643.98  | 661.64  | 654.62     | 1.43    | ppb   |
| Strontium  | 86-1  | 89.91   | 90.20   | 88.24   | 89.45      | 1.18    | ppb   |
| Strontium  | 88-1  | 93.35   | 92.69   | 92.10   | 92.71      | 0.67    | ppb   |
| Sulfur     | 34-1  | 3135.40 | 2655.74 | 2813.71 | 2868.28    | 8.52    | ppb   |
| Terbium    | 159-1 |         |         |         | 109        |         | %     |
| Terbium    | 159-2 |         |         |         | 99         |         | %     |
| Thallium   | 203-1 | 0.24    | 0.24    | 0.26    | 0.25       | 5.86    | ppb   |
| Thallium   | 205-1 | 0.27    | 0.21    | 0.25    | 0.25       | 12.28   | ppb   |
| Tin        | 118-1 | 0.87    | 0.88    | 0.88    | 0.88       | 0.76    | ppb   |
| Titanium   | 47-1  | 36.57   | 21.11   | 22.33   | 26.67      | 32.24   | ppb   |
| Uranium    | 238-1 | 0.38    | 0.38    | 0.38    | 0.38       | 0.34    | ppb   |
| Vanadium   | 51-2  | 83.85   | 83.61   | 87.90   | 85.12      | 2.83    | ppb   |
| Yttrium    | 89-1  |         |         |         | 105        |         | %     |
| Yttrium    | 89-2  |         |         |         | 94         |         | %     |
| Zinc       | 66-2  | 89.98   | 86.19   | 95.01   | 90.39      | 4.89    | ppb   |
| Zirconium  | 90-1  | 4.31    | 4.24    | 4.37    | 4.31       | 1.50    | ppb   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB92809             | Operator :        | Jaswal    |
| Lab Sample ID :         | J1225-19            | Instrumnet Name : | P8        |
| Client Sample ID :      | MF6A80              | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2018-01-22 15:56:17 | DataFile Name :   | 041SMPL.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|-----------|------|---------|---------|---------|------------|---------|-------|
| Zirconium | 91-1 | 4.36    | 4.18    | 4.26    | 4.27       | 2.15    | ppb   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB92809             | Operator :        | Jaswal    |
| Lab Sample ID :         | J1225-02DLX2        | Instrumnet Name : | P8        |
| Client Sample ID :      | MF6A64              | Dilution Factor : | 2         |
| Date & Time Acquired :: | 2018-01-22 15:59:27 | DataFile Name :   | 042SMPL.d |

| Parameter  | Mass  | ConRep1  | ConRep2  | ConRep3  | Avg. Conc. | ConcRSD | Units |
|------------|-------|----------|----------|----------|------------|---------|-------|
| Aluminium  | 27-2  | 6769.66  | 7134.37  | 7349.31  | 7084.45    | 4.14    | ppb   |
| Antimony   | 121-1 | 0.16     | 0.17     | 0.16     | 0.16       | 5.60    | ppb   |
| Arsenic    | 75-2  | 12.09    | 13.88    | 14.29    | 13.42      | 8.74    | ppb   |
| Barium     | 135-1 | 343.33   | 341.95   | 340.70   | 341.99     | 0.38    | ppb   |
| Barium     | 137-1 | 343.94   | 345.09   | 340.04   | 343.02     | 0.77    | ppb   |
| Beryllium  | 9-1   | 1.92     | 1.96     | 1.79     | 1.89       | 4.93    | ppb   |
| Bismuth    | 209-1 |          |          |          | 110        |         | %     |
| Bismuth    | 209-2 |          |          |          | 99         |         | %     |
| Boron      | 10-1  | 1.21     | 0.40     | 0.95     | 0.85       | 48.29   | ppb   |
| Boron      | 11-1  | 1.30     | 1.46     | 1.02     | 1.26       | 17.70   | ppb   |
| Cadmium    | 111-1 | 0.11     | 0.23     | 0.12     | 0.16       | 41.51   | ppb   |
| Cadmium    | 106-1 | 0.33     | 1.22     | -0.22    | 0.44       | 163.70  | ppb   |
| Cadmium    | 108-1 | 0.61     | 0.40     | 0.32     | 0.45       | 33.82   | ppb   |
| Calcium    | 43-1  | 5344.43  | 5436.40  | 5358.73  | 5379.85    | 0.92    | ppb   |
| Calcium    | 44-1  | 5503.09  | 5505.53  | 5455.20  | 5487.94    | 0.52    | ppb   |
| Chromium   | 52-2  | 10.24    | 9.79     | 11.12    | 10.38      | 6.54    | ppb   |
| Cobalt     | 59-2  | 16.09    | 16.50    | 16.96    | 16.52      | 2.65    | ppb   |
| Copper     | 63-2  | 21.33    | 21.07    | 22.31    | 21.57      | 3.03    | ppb   |
| Dysprosium | 156-1 |          |          |          |            |         | cps   |
| Dysprosium | 156-2 |          |          |          |            |         | cps   |
| Erbium     | 164-1 |          |          |          |            |         | cps   |
| Erbium     | 164-2 |          |          |          |            |         | cps   |
| Gadolinium | 160-1 |          |          |          |            |         | cps   |
| Gadolinium | 160-2 |          |          |          |            |         | cps   |
| Holmium    | 165-1 |          |          |          | 108        |         | %     |
| Holmium    | 165-2 |          |          |          | 99         |         | %     |
| Indium     | 115-1 |          |          |          | 104        |         | %     |
| Indium     | 115-2 |          |          |          | 93         |         | %     |
| Iron       | 56-2  | 20485.60 | 20827.15 | 21922.95 | 21078.57   | 3.56    | ppb   |
| Iron       | 57-2  | 19922.39 | 19944.86 | 21254.57 | 20373.94   | 3.74    | ppb   |
| Lead       | 206-1 | 16.34    | 16.35    | 16.00    | 16.23      | 1.23    | ppb   |
| Lead       | 207-1 | 14.61    | 14.53    | 14.39    | 14.51      | 0.77    | ppb   |
| Lead       | 208-1 | 15.36    | 15.28    | 15.04    | 15.23      | 1.10    | ppb   |
| Lithium    | 6-1   |          |          |          | 98         |         | %     |
| Magnesium  | 24-2  | 3269.64  | 3300.93  | 3492.23  | 3354.27    | 3.59    | ppb   |
| Manganese  | 55-2  | 909.13   | 922.56   | 982.15   | 937.94     | 4.14    | ppb   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB92809             | Operator :        | Jaswal    |
| Lab Sample ID :         | J1225-02DLX2        | Instrumnet Name : | P8        |
| Client Sample ID :      | MF6A64              | Dilution Factor : | 2         |
| Date & Time Acquired :: | 2018-01-22 15:59:27 | DataFile Name :   | 042SMPL.d |

| Parameter  | Mass  | ConRep1  | ConRep2  | ConRep3  | Avg. Conc. | ConcRSD | Units |
|------------|-------|----------|----------|----------|------------|---------|-------|
| Molybdenum | 94-1  | 2.86     | 2.54     | 2.62     | 2.67       | 6.16    | ppb   |
| Molybdenum | 95-1  | 0.98     | 0.91     | 0.92     | 0.94       | 3.85    | ppb   |
| Molybdenum | 96-1  | 1.26     | 1.20     | 1.15     | 1.20       | 4.56    | ppb   |
| Molybdenum | 97-1  | 0.99     | 0.99     | 1.03     | 1.00       | 2.46    | ppb   |
| Molybdenum | 98-1  | 0.90     | 0.92     | 0.96     | 0.93       | 3.83    | ppb   |
| Neodymium  | 150-1 |          |          |          |            |         | cps   |
| Neodymium  | 150-2 |          |          |          |            |         | cps   |
| Nickel     | 60-2  | 32.27    | 31.76    | 34.19    | 32.74      | 3.92    | ppb   |
| Phosphorus | 31-2  | 265.88   | 200.92   | 214.51   | 227.10     | 15.09   | ppb   |
| Potassium  | 39-2  | 418.08   | 426.89   | 466.30   | 437.09     | 5.87    | ppb   |
| Rhodium    | 103-1 |          |          |          | 103        |         | %     |
| Rhodium    | 103-2 |          |          |          | 96         |         | %     |
| Scandium   | 45-1  |          |          |          | 98         |         | %     |
| Scandium   | 45-2  |          |          |          | 86         |         | %     |
| Selenium   | 77-2  | 66.14    | 112.43   | 113.53   | 97.37      | 27.78   | ppb   |
| Selenium   | 78-2  | 14.25    | 11.03    | 22.25    | 15.84      | 36.47   | ppb   |
| Selenium   | 82-1  | 0.69     | 0.62     | 0.39     | 0.57       | 26.99   | ppb   |
| Silicon    | 28-1  | 645.34   | 673.32   | 635.84   | 651.50     | 2.99    | ppb   |
| Silver     | 109-1 | 0.03     | 0.02     | 0.03     | 0.02       | 17.16   | ppb   |
| Silver     | 107-1 | 0.03     | 0.02     | 0.03     | 0.03       | 14.29   | ppb   |
| Sodium     | 23-2  | 290.26   | 291.64   | 328.76   | 303.55     | 7.20    | ppb   |
| Strontium  | 86-1  | 23.80    | 23.55    | 23.87    | 23.74      | 0.72    | ppb   |
| Strontium  | 88-1  | 24.53    | 24.00    | 24.10    | 24.21      | 1.15    | ppb   |
| Sulfur     | 34-1  | -2745.17 | -2732.26 | -2918.81 | -2798.75   |         | ppb   |
| Terbium    | 159-1 |          |          |          | 108        |         | %     |
| Terbium    | 159-2 |          |          |          | 99         |         | %     |
| Thallium   | 203-1 | 0.10     | 0.12     | 0.12     | 0.11       | 9.32    | ppb   |
| Thallium   | 205-1 | 0.09     | 0.11     | 0.11     | 0.10       | 9.29    | ppb   |
| Tin        | 118-1 | 0.40     | 0.38     | 0.39     | 0.39       | 2.62    | ppb   |
| Titanium   | 47-1  | 16.89    | 18.98    | 18.02    | 17.97      | 5.81    | ppb   |
| Uranium    | 238-1 | 0.95     | 0.98     | 1.02     | 0.98       | 3.44    | ppb   |
| Vanadium   | 51-2  | 29.40    | 29.81    | 31.85    | 30.35      | 4.32    | ppb   |
| Yttrium    | 89-1  |          |          |          | 118        |         | %     |
| Yttrium    | 89-2  |          |          |          | 105        |         | %     |
| Zinc       | 66-2  | 39.24    | 39.66    | 41.93    | 40.28      | 3.60    | ppb   |
| Zirconium  | 90-1  | 1.30     | 1.26     | 1.29     | 1.28       | 1.58    | ppb   |



|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB92809             | Operator :        | Jaswal    |
| Lab Sample ID :         | J1225-02DLX2        | Instrumnet Name : | P8        |
| Client Sample ID :      | MF6A64              | Dilution Factor : | 2         |
| Date & Time Acquired :: | 2018-01-22 15:59:27 | DataFile Name :   | 042SMPL.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|-----------|------|---------|---------|---------|------------|---------|-------|
| Zirconium | 91-1 | 1.40    | 1.32    | 1.26    | 1.33       | 5.62    | ppb   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB92809             | Operator :        | Jaswal    |
| Lab Sample ID :         | J1225-10DLX2        | Instrumnet Name : | P8        |
| Client Sample ID :      | MF6A72              | Dilution Factor : | 2         |
| Date & Time Acquired :: | 2018-01-22 16:02:37 | DataFile Name :   | 043SMPL.d |

| Parameter  | Mass  | ConRep1  | ConRep2  | ConRep3  | Avg. Conc. | ConcRSD | Units |
|------------|-------|----------|----------|----------|------------|---------|-------|
| Aluminium  | 27-2  | 8059.79  | 7984.53  | 8087.92  | 8044.08    | 0.66    | ppb   |
| Antimony   | 121-1 | 0.14     | 0.15     | 0.13     | 0.14       | 7.11    | ppb   |
| Arsenic    | 75-2  | 5.64     | 5.77     | 6.53     | 5.98       | 8.04    | ppb   |
| Barium     | 135-1 | 195.25   | 190.74   | 193.76   | 193.25     | 1.19    | ppb   |
| Barium     | 137-1 | 194.60   | 191.23   | 193.29   | 193.04     | 0.88    | ppb   |
| Beryllium  | 9-1   | 1.00     | 1.01     | 0.84     | 0.95       | 9.96    | ppb   |
| Bismuth    | 209-1 |          |          |          | 109        |         | %     |
| Bismuth    | 209-2 |          |          |          | 101        |         | %     |
| Boron      | 10-1  | 2.22     | 2.75     | 2.03     | 2.33       | 15.89   | ppb   |
| Boron      | 11-1  | 3.37     | 3.20     | 3.21     | 3.26       | 2.94    | ppb   |
| Cadmium    | 111-1 | 0.08     | 0.15     | 0.12     | 0.12       | 28.46   | ppb   |
| Cadmium    | 106-1 | -0.11    | 0.47     | 0.26     | 0.21       | 144.35  | ppb   |
| Cadmium    | 108-1 | 0.47     | 0.54     | 0.40     | 0.47       | 14.38   | ppb   |
| Calcium    | 43-1  | 9415.40  | 9539.04  | 9659.22  | 9537.89    | 1.28    | ppb   |
| Calcium    | 44-1  | 9624.86  | 9717.85  | 9887.84  | 9743.52    | 1.37    | ppb   |
| Chromium   | 52-2  | 14.57    | 14.46    | 14.53    | 14.52      | 0.40    | ppb   |
| Cobalt     | 59-2  | 9.36     | 9.33     | 9.67     | 9.45       | 1.98    | ppb   |
| Copper     | 63-2  | 20.97    | 21.71    | 21.97    | 21.55      | 2.41    | ppb   |
| Dysprosium | 156-1 |          |          |          |            |         | cps   |
| Dysprosium | 156-2 |          |          |          |            |         | cps   |
| Erbium     | 164-1 |          |          |          |            |         | cps   |
| Erbium     | 164-2 |          |          |          |            |         | cps   |
| Gadolinium | 160-1 |          |          |          |            |         | cps   |
| Gadolinium | 160-2 |          |          |          |            |         | cps   |
| Holmium    | 165-1 |          |          |          | 109        |         | %     |
| Holmium    | 165-2 |          |          |          | 102        |         | %     |
| Indium     | 115-1 |          |          |          | 104        |         | %     |
| Indium     | 115-2 |          |          |          | 95         |         | %     |
| Iron       | 56-2  | 13655.17 | 13960.72 | 14209.01 | 13941.63   | 1.99    | ppb   |
| Iron       | 57-2  | 13449.34 | 13570.95 | 13743.69 | 13587.99   | 1.09    | ppb   |
| Lead       | 206-1 | 16.28    | 16.39    | 16.10    | 16.26      | 0.88    | ppb   |
| Lead       | 207-1 | 14.38    | 14.82    | 14.43    | 14.54      | 1.68    | ppb   |
| Lead       | 208-1 | 15.27    | 15.46    | 15.24    | 15.32      | 0.78    | ppb   |
| Lithium    | 6-1   |          |          |          | 98         |         | %     |
| Magnesium  | 24-2  | 7157.53  | 7328.83  | 7440.50  | 7308.95    | 1.95    | ppb   |
| Manganese  | 55-2  | 296.52   | 297.48   | 305.99   | 300.00     | 1.74    | ppb   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB92809             | Operator :        | Jaswal    |
| Lab Sample ID :         | J1225-10DLX2        | Instrumnet Name : | P8        |
| Client Sample ID :      | MF6A72              | Dilution Factor : | 2         |
| Date & Time Acquired :: | 2018-01-22 16:02:37 | DataFile Name :   | 043SMPL.d |

| Parameter  | Mass  | ConRep1  | ConRep2  | ConRep3  | Avg. Conc. | ConcRSD | Units |
|------------|-------|----------|----------|----------|------------|---------|-------|
| Molybdenum | 94-1  | 4.18     | 4.25     | 4.21     | 4.22       | 0.83    | ppb   |
| Molybdenum | 95-1  | 0.27     | 0.28     | 0.24     | 0.26       | 7.83    | ppb   |
| Molybdenum | 96-1  | 0.80     | 0.80     | 0.83     | 0.81       | 1.85    | ppb   |
| Molybdenum | 97-1  | 0.32     | 0.27     | 0.25     | 0.28       | 12.07   | ppb   |
| Molybdenum | 98-1  | 0.32     | 0.26     | 0.27     | 0.28       | 12.20   | ppb   |
| Neodymium  | 150-1 |          |          |          |            |         | cps   |
| Neodymium  | 150-2 |          |          |          |            |         | cps   |
| Nickel     | 60-2  | 21.99    | 22.91    | 24.01    | 22.97      | 4.41    | ppb   |
| Phosphorus | 31-2  | 670.02   | 783.87   | 556.77   | 670.22     | 16.94   | ppb   |
| Potassium  | 39-2  | 1420.22  | 1406.85  | 1461.74  | 1429.60    | 2.00    | ppb   |
| Rhodium    | 103-1 |          |          |          | 103        |         | %     |
| Rhodium    | 103-2 |          |          |          | 98         |         | %     |
| Scandium   | 45-1  |          |          |          | 99         |         | %     |
| Scandium   | 45-2  |          |          |          | 88         |         | %     |
| Selenium   | 77-2  | 79.28    | 119.73   | 53.38    | 84.13      | 39.74   | ppb   |
| Selenium   | 78-2  | 3.52     | 7.86     | 13.29    | 8.22       | 59.58   | ppb   |
| Selenium   | 82-1  | 0.38     | 1.50     | 1.08     | 0.98       | 57.60   | ppb   |
| Silicon    | 28-1  | 1018.05  | 1301.05  | 1137.87  | 1152.33    | 12.33   | ppb   |
| Silver     | 109-1 | 0.07     | 0.06     | 0.06     | 0.06       | 10.64   | ppb   |
| Silver     | 107-1 | 0.08     | 0.06     | 0.06     | 0.07       | 14.05   | ppb   |
| Sodium     | 23-2  | 224.60   | 245.34   | 243.87   | 237.94     | 4.86    | ppb   |
| Strontium  | 86-1  | 33.04    | 32.77    | 33.92    | 33.24      | 1.81    | ppb   |
| Strontium  | 88-1  | 34.08    | 33.87    | 33.84    | 33.93      | 0.39    | ppb   |
| Sulfur     | 34-1  | -2886.14 | -2955.43 | -2896.75 | -2912.78   |         | ppb   |
| Terbium    | 159-1 |          |          |          | 108        |         | %     |
| Terbium    | 159-2 |          |          |          | 102        |         | %     |
| Thallium   | 203-1 | 0.20     | 0.23     | 0.17     | 0.20       | 16.45   | ppb   |
| Thallium   | 205-1 | 0.19     | 0.22     | 0.20     | 0.21       | 7.85    | ppb   |
| Tin        | 118-1 | 0.64     | 0.60     | 0.56     | 0.60       | 6.31    | ppb   |
| Titanium   | 47-1  | 38.84    | 40.64    | 38.81    | 39.43      | 2.66    | ppb   |
| Uranium    | 238-1 | 1.34     | 1.30     | 1.30     | 1.31       | 1.82    | ppb   |
| Vanadium   | 51-2  | 19.73    | 19.37    | 19.96    | 19.68      | 1.51    | ppb   |
| Yttrium    | 89-1  |          |          |          | 117        |         | %     |
| Yttrium    | 89-2  |          |          |          | 107        |         | %     |
| Zinc       | 66-2  | 55.33    | 60.48    | 59.89    | 58.57      | 4.81    | ppb   |
| Zirconium  | 90-1  | 2.55     | 2.60     | 2.54     | 2.56       | 1.25    | ppb   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB92809             | Operator :        | Jaswal    |
| Lab Sample ID :         | J1225-10DLX2        | Instrumnet Name : | P8        |
| Client Sample ID :      | MF6A72              | Dilution Factor : | 2         |
| Date & Time Acquired :: | 2018-01-22 16:02:37 | DataFile Name :   | 043SMPL.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|-----------|------|---------|---------|---------|------------|---------|-------|
| Zirconium | 91-1 | 2.64    | 2.66    | 2.73    | 2.68       | 1.86    | ppb   |

|                         |                     |                   |          |
|-------------------------|---------------------|-------------------|----------|
| LB Number :             | LB92809             | Operator :        | Jaswal   |
| Lab Sample ID :         | CCV038              | Instrumnet Name : | P8       |
| Client Sample ID :      | CCV038              | Dilution Factor : | 1        |
| Date & Time Acquired :: | 2018-01-22 16:07:25 | DataFile Name :   | 044CCV.d |

| Parameter  | Mass  | ConRep1   | ConRep2   | ConRep3   | Avg. Conc. | ConcRSD | Units |
|------------|-------|-----------|-----------|-----------|------------|---------|-------|
| Aluminium  | 27-2  | 47164.60  | 46940.85  | 46556.32  | 46887.25   | 0.66    | ppb   |
| Antimony   | 121-1 | 493.06    | 496.66    | 497.48    | 495.73     | 0.47    | ppb   |
| Arsenic    | 75-2  | 478.96    | 493.45    | 487.65    | 486.69     | 1.50    | ppb   |
| Barium     | 135-1 | 2509.33   | 2537.06   | 2532.70   | 2526.37    | 0.59    | ppb   |
| Barium     | 137-1 | 2513.87   | 2492.94   | 2516.48   | 2507.77    | 0.51    | ppb   |
| Beryllium  | 9-1   | 512.00    | 508.26    | 508.58    | 509.61     | 0.41    | ppb   |
| Bismuth    | 209-1 |           |           |           | 103        |         | %     |
| Bismuth    | 209-2 |           |           |           | 96         |         | %     |
| Boron      | 10-1  | 499.66    | 504.63    | 513.12    | 505.80     | 1.35    | ppb   |
| Boron      | 11-1  | 495.99    | 508.03    | 522.12    | 508.71     | 2.57    | ppb   |
| Cadmium    | 111-1 | 478.42    | 484.25    | 480.05    | 480.90     | 0.63    | ppb   |
| Cadmium    | 106-1 | 461.87    | 488.75    | 475.14    | 475.25     | 2.83    | ppb   |
| Cadmium    | 108-1 | 481.70    | 487.08    | 479.79    | 482.86     | 0.78    | ppb   |
| Calcium    | 43-1  | 240105.56 | 239642.60 | 237714.44 | 239154.20  | 0.53    | ppb   |
| Calcium    | 44-1  | 237922.81 | 237363.46 | 235186.90 | 236824.39  | 0.61    | ppb   |
| Chromium   | 52-2  | 505.18    | 494.47    | 495.44    | 498.36     | 1.19    | ppb   |
| Cobalt     | 59-2  | 494.72    | 485.87    | 483.05    | 487.88     | 1.25    | ppb   |
| Copper     | 63-2  | 965.41    | 948.51    | 943.85    | 952.59     | 1.19    | ppb   |
| Dysprosium | 156-1 |           |           |           |            |         | cps   |
| Dysprosium | 156-2 |           |           |           |            |         | cps   |
| Erbium     | 164-1 |           |           |           |            |         | cps   |
| Erbium     | 164-2 |           |           |           |            |         | cps   |
| Gadolinium | 160-1 |           |           |           |            |         | cps   |
| Gadolinium | 160-2 |           |           |           |            |         | cps   |
| Holmium    | 165-1 |           |           |           | 107        |         | %     |
| Holmium    | 165-2 |           |           |           | 101        |         | %     |
| Indium     | 115-1 |           |           |           | 99         |         | %     |
| Indium     | 115-2 |           |           |           | 91         |         | %     |
| Iron       | 56-2  | 122741.99 | 120431.16 | 119169.70 | 120780.95  | 1.50    | ppb   |
| Iron       | 57-2  | 118557.41 | 117477.53 | 116662.52 | 117565.82  | 0.81    | ppb   |
| Lead       | 206-1 | 514.35    | 507.65    | 514.36    | 512.12     | 0.76    | ppb   |
| Lead       | 207-1 | 522.48    | 521.01    | 516.25    | 519.91     | 0.63    | ppb   |
| Lead       | 208-1 | 512.47    | 511.13    | 512.17    | 511.92     | 0.14    | ppb   |
| Lithium    | 6-1   |           |           |           | 94         |         | %     |
| Magnesium  | 24-2  | 239980.45 | 238143.91 | 235089.26 | 237737.87  | 1.04    | ppb   |
| Manganese  | 55-2  | 991.55    | 989.62    | 967.93    | 983.03     | 1.33    | ppb   |

|                         |                     |                   |          |
|-------------------------|---------------------|-------------------|----------|
| LB Number :             | LB92809             | Operator :        | Jaswal   |
| Lab Sample ID :         | CCV038              | Instrumnet Name : | P8       |
| Client Sample ID :      | CCV038              | Dilution Factor : | 1        |
| Date & Time Acquired :: | 2018-01-22 16:07:25 | DataFile Name :   | 044CCV.d |

| Parameter  | Mass  | ConRep1   | ConRep2   | ConRep3   | Avg. Conc. | ConcRSD | Units |
|------------|-------|-----------|-----------|-----------|------------|---------|-------|
| Molybdenum | 94-1  | 2508.34   | 2522.50   | 2504.43   | 2511.76    | 0.38    | ppb   |
| Molybdenum | 95-1  | 2508.91   | 2485.85   | 2489.30   | 2494.69    | 0.50    | ppb   |
| Molybdenum | 96-1  | 2495.52   | 2489.94   | 2478.67   | 2488.04    | 0.35    | ppb   |
| Molybdenum | 97-1  | 2510.85   | 2509.43   | 2492.76   | 2504.35    | 0.40    | ppb   |
| Molybdenum | 98-1  | 2504.78   | 2492.21   | 2481.81   | 2492.93    | 0.46    | ppb   |
| Neodymium  | 150-1 |           |           |           |            |         | cps   |
| Neodymium  | 150-2 |           |           |           |            |         | cps   |
| Nickel     | 60-2  | 486.55    | 483.88    | 478.66    | 483.03     | 0.83    | ppb   |
| Phosphorus | 31-2  | 10309.83  | 9297.55   | 10063.89  | 9890.42    | 5.34    | ppb   |
| Potassium  | 39-2  | 120753.41 | 120093.58 | 117400.30 | 119415.76  | 1.49    | ppb   |
| Rhodium    | 103-1 |           |           |           | 95         |         | %     |
| Rhodium    | 103-2 |           |           |           | 92         |         | %     |
| Scandium   | 45-1  |           |           |           | 97         |         | %     |
| Scandium   | 45-2  |           |           |           | 89         |         | %     |
| Selenium   | 77-2  | 396.19    | 563.31    | 546.05    | 501.85     | 18.31   | ppb   |
| Selenium   | 78-2  | 482.39    | 521.12    | 493.19    | 498.90     | 4.01    | ppb   |
| Selenium   | 82-1  | 485.95    | 486.29    | 484.70    | 485.65     | 0.17    | ppb   |
| Silicon    | 28-1  | 524.02    | 526.94    | 531.25    | 527.40     | 0.69    | ppb   |
| Silver     | 109-1 | 487.39    | 493.81    | 490.06    | 490.42     | 0.66    | ppb   |
| Silver     | 107-1 | 494.84    | 501.78    | 494.12    | 496.91     | 0.85    | ppb   |
| Sodium     | 23-2  | 243674.13 | 238780.93 | 236830.21 | 239761.76  | 1.47    | ppb   |
| Strontium  | 86-1  | 495.64    | 493.48    | 490.21    | 493.11     | 0.55    | ppb   |
| Strontium  | 88-1  | 506.28    | 509.52    | 504.90    | 506.90     | 0.47    | ppb   |
| Sulfur     | 34-1  | 9171.89   | 9155.36   | 8793.16   | 9040.14    | 2.37    | ppb   |
| Terbium    | 159-1 |           |           |           | 106        |         | %     |
| Terbium    | 159-2 |           |           |           | 101        |         | %     |
| Thallium   | 203-1 | 513.21    | 514.73    | 510.15    | 512.69     | 0.46    | ppb   |
| Thallium   | 205-1 | 507.40    | 507.86    | 505.13    | 506.80     | 0.29    | ppb   |
| Tin        | 118-1 | 497.50    | 504.67    | 498.49    | 500.22     | 0.78    | ppb   |
| Titanium   | 47-1  | 2536.78   | 2530.99   | 2531.29   | 2533.02    | 0.13    | ppb   |
| Uranium    | 238-1 | 512.39    | 509.98    | 514.25    | 512.21     | 0.42    | ppb   |
| Vanadium   | 51-2  | 501.14    | 496.17    | 491.15    | 496.15     | 1.01    | ppb   |
| Yttrium    | 89-1  |           |           |           | 101        |         | %     |
| Yttrium    | 89-2  |           |           |           | 93         |         | %     |
| Zinc       | 66-2  | 970.26    | 959.37    | 949.86    | 959.83     | 1.06    | ppb   |
| Zirconium  | 90-1  | 500.23    | 498.80    | 498.93    | 499.32     | 0.16    | ppb   |

|                         |                     |                   |          |
|-------------------------|---------------------|-------------------|----------|
| LB Number :             | LB92809             | Operator :        | Jaswal   |
| Lab Sample ID :         | CCV038              | Instrumnet Name : | P8       |
| Client Sample ID :      | CCV038              | Dilution Factor : | 1        |
| Date & Time Acquired :: | 2018-01-22 16:07:25 | DataFile Name :   | 044CCV.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|-----------|------|---------|---------|---------|------------|---------|-------|
| Zirconium | 91-1 | 485.98  | 480.81  | 479.68  | 482.16     | 0.70    | ppb   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB92809             | Operator :        | Jaswal    |
| Lab Sample ID :         | CCB038              | Instrumnet Name : | P8        |
| Client Sample ID :      | CCB038              | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2018-01-22 16:11:35 | DataFile Name :   | 045CCBE.d |

| Parameter  | Mass  | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|------------|-------|---------|---------|---------|------------|---------|-------|
| Aluminium  | 27-2  | -3.12   | -3.12   | -0.99   | -2.41      |         | ppb   |
| Antimony   | 121-1 | 0.32    | 0.32    | 0.31    | 0.31       | 2.16    | ppb   |
| Arsenic    | 75-2  | -0.01   | -0.01   | -0.01   | -0.01      |         | ppb   |
| Barium     | 135-1 | -0.01   | 0.01    | 0.01    | 0.01       | 173.38  | ppb   |
| Barium     | 137-1 | 0.05    | 0.03    | 0.01    | 0.03       | 67.69   | ppb   |
| Beryllium  | 9-1   | 0.12    | 0.32    | 0.22    | 0.22       | 46.22   | ppb   |
| Bismuth    | 209-1 |         |         |         | 106        |         | %     |
| Bismuth    | 209-2 |         |         |         | 102        |         | %     |
| Boron      | 10-1  | 8.72    | 11.01   | 6.55    | 8.76       | 25.46   | ppb   |
| Boron      | 11-1  | 8.96    | 9.16    | 8.05    | 8.72       | 6.80    | ppb   |
| Cadmium    | 111-1 | 0.00    | -0.04   | -0.08   | -0.04      |         | ppb   |
| Cadmium    | 106-1 | -0.41   | -0.84   | -1.41   | -0.88      |         | ppb   |
| Cadmium    | 108-1 | 0.00    | 0.04    | 0.07    | 0.04       | 100.53  | ppb   |
| Calcium    | 43-1  | -14.35  | -23.25  | -18.70  | -18.77     |         | ppb   |
| Calcium    | 44-1  | -5.86   | -4.21   | -6.62   | -5.56      |         | ppb   |
| Chromium   | 52-2  | 0.04    | 0.00    | -0.04   | 0.00       | 4319.54 | ppb   |
| Cobalt     | 59-2  | -0.02   | 0.02    | 0.00    | 0.00       |         | ppb   |
| Copper     | 63-2  | 0.03    | 0.08    | 0.01    | 0.04       | 98.88   | ppb   |
| Dysprosium | 156-1 |         |         |         |            |         | cps   |
| Dysprosium | 156-2 |         |         |         |            |         | cps   |
| Erbium     | 164-1 |         |         |         |            |         | cps   |
| Erbium     | 164-2 |         |         |         |            |         | cps   |
| Gadolinium | 160-1 |         |         |         |            |         | cps   |
| Gadolinium | 160-2 |         |         |         |            |         | cps   |
| Holmium    | 165-1 |         |         |         | 103        |         | %     |
| Holmium    | 165-2 |         |         |         | 101        |         | %     |
| Indium     | 115-1 |         |         |         | 101        |         | %     |
| Indium     | 115-2 |         |         |         | 96         |         | %     |
| Iron       | 56-2  | 4.19    | 3.64    | 3.45    | 3.76       | 10.21   | ppb   |
| Iron       | 57-2  | 4.32    | 4.94    | 3.61    | 4.29       | 15.49   | ppb   |
| Lead       | 206-1 | 0.09    | 0.09    | 0.09    | 0.09       | 3.83    | ppb   |
| Lead       | 207-1 | 0.09    | 0.08    | 0.08    | 0.08       | 7.85    | ppb   |
| Lead       | 208-1 | 0.09    | 0.08    | 0.08    | 0.08       | 6.18    | ppb   |
| Lithium    | 6-1   |         |         |         | 95         |         | %     |
| Magnesium  | 24-2  | -5.17   | -7.86   | -8.99   | -7.34      |         | ppb   |
| Manganese  | 55-2  | -0.04   | 0.02    | -0.04   | -0.02      |         | ppb   |



|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB92809             | Operator :        | Jaswal    |
| Lab Sample ID :         | CCB038              | Instrumnet Name : | P8        |
| Client Sample ID :      | CCB038              | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2018-01-22 16:11:35 | DataFile Name :   | 045CCBE.d |

| Parameter  | Mass  | ConRep1  | ConRep2 | ConRep3  | Avg. Conc. | ConcRSD | Units |
|------------|-------|----------|---------|----------|------------|---------|-------|
| Molybdenum | 94-1  | 0.10     | 0.06    | 0.12     | 0.09       | 31.21   | ppb   |
| Molybdenum | 95-1  | 0.07     | 0.07    | 0.10     | 0.08       | 22.53   | ppb   |
| Molybdenum | 96-1  | 0.06     | 0.08    | 0.09     | 0.07       | 20.82   | ppb   |
| Molybdenum | 97-1  | 0.11     | 0.11    | 0.13     | 0.12       | 10.78   | ppb   |
| Molybdenum | 98-1  | 0.06     | 0.13    | 0.08     | 0.09       | 39.22   | ppb   |
| Neodymium  | 150-1 |          |         |          |            |         | cps   |
| Neodymium  | 150-2 |          |         |          |            |         | cps   |
| Nickel     | 60-2  | -0.64    | -0.68   | -0.99    | -0.77      |         | ppb   |
| Phosphorus | 31-2  | 29.63    | -4.97   | -4.97    | 6.56       | 304.51  | ppb   |
| Potassium  | 39-2  | -13.38   | 33.82   | -31.06   | -3.54      |         | ppb   |
| Rhodium    | 103-1 |          |         |          | 99         |         | %     |
| Rhodium    | 103-2 |          |         |          | 98         |         | %     |
| Scandium   | 45-1  |          |         |          | 95         |         | %     |
| Scandium   | 45-2  |          |         |          | 87         |         | %     |
| Selenium   | 77-2  | 0.00     | 7.56    | 0.00     | 2.52       | 173.21  | ppb   |
| Selenium   | 78-2  | 1.67     | 0.46    | 0.45     | 0.86       | 82.08   | ppb   |
| Selenium   | 82-1  | 0.83     | 0.59    | 0.43     | 0.62       | 32.54   | ppb   |
| Silicon    | 28-1  | -16.78   | -7.84   | -16.31   | -13.64     |         | ppb   |
| Silver     | 109-1 | 0.01     | 0.01    | 0.02     | 0.02       | 40.04   | ppb   |
| Silver     | 107-1 | 0.01     | 0.01    | 0.02     | 0.01       | 56.84   | ppb   |
| Sodium     | 23-2  | 28.37    | 37.74   | 35.78    | 33.97      | 14.56   | ppb   |
| Strontium  | 86-1  | -0.02    | 0.05    | 0.02     | 0.02       | 197.30  | ppb   |
| Strontium  | 88-1  | 0.01     | 0.00    | 0.00     | 0.00       | 86.80   | ppb   |
| Sulfur     | 34-1  | -1597.36 | -590.60 | -1526.96 | -1238.31   |         | ppb   |
| Terbium    | 159-1 |          |         |          | 103        |         | %     |
| Terbium    | 159-2 |          |         |          | 100        |         | %     |
| Thallium   | 203-1 | 0.09     | 0.08    | 0.04     | 0.07       | 35.87   | ppb   |
| Thallium   | 205-1 | 0.09     | 0.09    | 0.09     | 0.09       | 2.82    | ppb   |
| Tin        | 118-1 | 0.05     | 0.04    | 0.06     | 0.05       | 23.36   | ppb   |
| Titanium   | 47-1  | 0.02     | 0.02    | 0.00     | 0.01       | 120.08  | ppb   |
| Uranium    | 238-1 | 0.00     | 0.00    | 0.00     | 0.00       |         | ppb   |
| Vanadium   | 51-2  | 0.02     | -0.01   | 0.01     | 0.01       | 192.32  | ppb   |
| Yttrium    | 89-1  |          |         |          | 99         |         | %     |
| Yttrium    | 89-2  |          |         |          | 95         |         | %     |
| Zinc       | 66-2  | 0.13     | 0.09    | 0.39     | 0.20       | 77.90   | ppb   |
| Zirconium  | 90-1  | 0.02     | 0.01    | 0.02     | 0.02       | 47.29   | ppb   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB92809             | Operator :        | Jaswal    |
| Lab Sample ID :         | CCB038              | Instrumnet Name : | P8        |
| Client Sample ID :      | CCB038              | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2018-01-22 16:11:35 | DataFile Name :   | 045CCBE.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|-----------|------|---------|---------|---------|------------|---------|-------|
| Zirconium | 91-1 | 0.00    | 0.03    | 0.03    | 0.02       | 68.46   | ppb   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB92809             | Operator :        | Jaswal    |
| Lab Sample ID :         | PB105855BL          | Instrumnet Name : | P8        |
| Client Sample ID :      | PBS008              | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2018-01-22 16:16:23 | DataFile Name :   | 046CCBE.d |

| Parameter  | Mass  | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|------------|-------|---------|---------|---------|------------|---------|-------|
| Aluminium  | 27-2  | -3.12   | -0.94   | 3.55    | -0.17      |         | ppb   |
| Antimony   | 121-1 | 0.09    | 0.08    | 0.10    | 0.09       | 8.29    | ppb   |
| Arsenic    | 75-2  | -0.01   | 0.05    | 0.05    | 0.03       | 107.93  | ppb   |
| Barium     | 135-1 | 0.01    | 0.00    | -0.01   | 0.00       | 256.41  | ppb   |
| Barium     | 137-1 | -0.01   | 0.01    | 0.01    | 0.00       | 223.11  | ppb   |
| Beryllium  | 9-1   | 0.14    | 0.09    | 0.14    | 0.12       | 25.01   | ppb   |
| Bismuth    | 209-1 |         |         |         | 109        |         | %     |
| Bismuth    | 209-2 |         |         |         | 100        |         | %     |
| Boron      | 10-1  | 3.79    | 2.59    | 3.51    | 3.30       | 19.02   | ppb   |
| Boron      | 11-1  | 3.49    | 2.88    | 3.84    | 3.41       | 14.30   | ppb   |
| Cadmium    | 111-1 | 0.06    | -0.08   | -0.05   | -0.03      |         | ppb   |
| Cadmium    | 106-1 | 0.67    | -1.14   | -0.79   | -0.42      |         | ppb   |
| Cadmium    | 108-1 | -0.04   | -0.04   | -0.04   | -0.04      |         | ppb   |
| Calcium    | 43-1  | -24.62  | -30.01  | -27.50  | -27.38     |         | ppb   |
| Calcium    | 44-1  | -9.78   | -8.22   | -8.99   | -9.00      |         | ppb   |
| Chromium   | 52-2  | -0.04   | 0.03    | 0.05    | 0.01       | 386.84  | ppb   |
| Cobalt     | 59-2  | -0.02   | -0.01   | 0.01    | -0.01      |         | ppb   |
| Copper     | 63-2  | 0.03    | 0.03    | 0.05    | 0.04       | 25.65   | ppb   |
| Dysprosium | 156-1 |         |         |         |            |         | cps   |
| Dysprosium | 156-2 |         |         |         |            |         | cps   |
| Erbium     | 164-1 |         |         |         |            |         | cps   |
| Erbium     | 164-2 |         |         |         |            |         | cps   |
| Gadolinium | 160-1 |         |         |         |            |         | cps   |
| Gadolinium | 160-2 |         |         |         |            |         | cps   |
| Holmium    | 165-1 |         |         |         | 106        |         | %     |
| Holmium    | 165-2 |         |         |         | 100        |         | %     |
| Indium     | 115-1 |         |         |         | 104        |         | %     |
| Indium     | 115-2 |         |         |         | 95         |         | %     |
| Iron       | 56-2  | 2.08    | 1.31    | 2.03    | 1.80       | 23.95   | ppb   |
| Iron       | 57-2  | 2.29    | -0.55   | 2.64    | 1.46       | 119.61  | ppb   |
| Lead       | 206-1 | 0.06    | 0.09    | 0.06    | 0.07       | 23.27   | ppb   |
| Lead       | 207-1 | 0.06    | 0.07    | 0.07    | 0.07       | 3.48    | ppb   |
| Lead       | 208-1 | 0.06    | 0.07    | 0.07    | 0.07       | 6.02    | ppb   |
| Lithium    | 6-1   |         |         |         | 97         |         | %     |
| Magnesium  | 24-2  | -2.76   | -3.24   | -3.75   | -3.25      |         | ppb   |
| Manganese  | 55-2  | -0.07   | 0.05    | 0.00    | -0.01      |         | ppb   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB92809             | Operator :        | Jaswal    |
| Lab Sample ID :         | PB105855BL          | Instrumnet Name : | P8        |
| Client Sample ID :      | PBS008              | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2018-01-22 16:16:23 | DataFile Name :   | 046CCBE.d |

| Parameter  | Mass  | ConRep1  | ConRep2  | ConRep3  | Avg. Conc. | ConcRSD | Units |
|------------|-------|----------|----------|----------|------------|---------|-------|
| Molybdenum | 94-1  | 0.04     | 0.03     | 0.01     | 0.03       | 60.15   | ppb   |
| Molybdenum | 95-1  | 0.02     | 0.02     | 0.03     | 0.02       | 31.12   | ppb   |
| Molybdenum | 96-1  | 0.02     | 0.01     | 0.04     | 0.02       | 64.82   | ppb   |
| Molybdenum | 97-1  | 0.00     | 0.04     | 0.04     | 0.02       | 98.92   | ppb   |
| Molybdenum | 98-1  | -0.01    | 0.00     | 0.01     | 0.00       |         | ppb   |
| Neodymium  | 150-1 |          |          |          |            |         | cps   |
| Neodymium  | 150-2 |          |          |          |            |         | cps   |
| Nickel     | 60-2  | -0.53    | -0.66    | -0.16    | -0.45      |         | ppb   |
| Phosphorus | 31-2  | -4.97    | -4.97    | -4.97    | -4.97      |         | ppb   |
| Potassium  | 39-2  | -9.35    | -3.30    | 16.31    | 1.22       | 1100.46 | ppb   |
| Rhodium    | 103-1 |          |          |          | 102        |         | %     |
| Rhodium    | 103-2 |          |          |          | 97         |         | %     |
| Scandium   | 45-1  |          |          |          | 98         |         | %     |
| Scandium   | 45-2  |          |          |          | 87         |         | %     |
| Selenium   | 77-2  | 0.00     | 0.00     | 0.00     | 0.00       | N/A     | ppb   |
| Selenium   | 78-2  | 0.44     | 0.46     | 0.51     | 0.47       | 7.71    | ppb   |
| Selenium   | 82-1  | 0.08     | 0.37     | 0.82     | 0.42       | 88.21   | ppb   |
| Silicon    | 28-1  | -18.17   | -16.37   | -16.61   | -17.05     |         | ppb   |
| Silver     | 109-1 | 0.01     | 0.02     | 0.00     | 0.01       | 69.16   | ppb   |
| Silver     | 107-1 | 0.01     | 0.00     | 0.01     | 0.01       | 35.07   | ppb   |
| Sodium     | 23-2  | 27.99    | 22.16    | 33.41    | 27.85      | 20.19   | ppb   |
| Strontium  | 86-1  | 0.01     | -0.04    | -0.02    | -0.01      |         | ppb   |
| Strontium  | 88-1  | 0.00     | 0.00     | 0.00     | 0.00       | 68.71   | ppb   |
| Sulfur     | 34-1  | -1646.64 | -1411.82 | -1474.78 | -1511.08   |         | ppb   |
| Terbium    | 159-1 |          |          |          | 105        |         | %     |
| Terbium    | 159-2 |          |          |          | 99         |         | %     |
| Thallium   | 203-1 | 0.03     | 0.04     | 0.04     | 0.04       | 11.09   | ppb   |
| Thallium   | 205-1 | 0.04     | 0.04     | 0.04     | 0.04       | 6.92    | ppb   |
| Tin        | 118-1 | 0.00     | 0.01     | -0.01    | 0.00       | 407.33  | ppb   |
| Titanium   | 47-1  | -0.01    | 0.07     | -0.02    | 0.02       | 293.09  | ppb   |
| Uranium    | 238-1 | 0.00     | 0.00     | 0.00     | 0.00       |         | ppb   |
| Vanadium   | 51-2  | 0.01     | -0.01    | 0.01     | 0.00       | 248.25  | ppb   |
| Yttrium    | 89-1  |          |          |          | 102        |         | %     |
| Yttrium    | 89-2  |          |          |          | 94         |         | %     |
| Zinc       | 66-2  | 0.16     | 0.10     | 0.14     | 0.13       | 24.64   | ppb   |
| Zirconium  | 90-1  | 0.02     | 0.02     | 0.00     | 0.01       | 55.91   | ppb   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB92809             | Operator :        | Jaswal    |
| Lab Sample ID :         | PB105855BL          | Instrumnet Name : | P8        |
| Client Sample ID :      | PBS008              | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2018-01-22 16:16:23 | DataFile Name :   | 046CCBE.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|-----------|------|---------|---------|---------|------------|---------|-------|
| Zirconium | 91-1 | 0.00    | 0.04    | 0.02    | 0.02       | 81.53   | ppb   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB92809             | Operator :        | Jaswal    |
| Lab Sample ID :         | PB105855BS          | Instrumnet Name : | P8        |
| Client Sample ID :      | LCS008              | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2018-01-22 16:19:36 | DataFile Name :   | 047LCSE.d |

| Parameter  | Mass  | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|------------|-------|---------|---------|---------|------------|---------|-------|
| Aluminium  | 27-2  | 27.81   | 42.83   | 42.20   | 37.61      | 22.59   | ppb   |
| Antimony   | 121-1 | 3.75    | 3.96    | 3.88    | 3.86       | 2.78    | ppb   |
| Arsenic    | 75-2  | 2.03    | 1.98    | 1.79    | 1.94       | 6.49    | ppb   |
| Barium     | 135-1 | 18.53   | 18.80   | 19.10   | 18.81      | 1.50    | ppb   |
| Barium     | 137-1 | 18.83   | 19.03   | 18.63   | 18.83      | 1.06    | ppb   |
| Beryllium  | 9-1   | 2.18    | 2.12    | 1.79    | 2.03       | 10.50   | ppb   |
| Bismuth    | 209-1 |         |         |         | 108        |         | %     |
| Bismuth    | 209-2 |         |         |         | 99         |         | %     |
| Boron      | 10-1  | 44.27   | 47.69   | 47.57   | 46.51      | 4.18    | ppb   |
| Boron      | 11-1  | 44.10   | 47.04   | 49.36   | 46.83      | 5.64    | ppb   |
| Cadmium    | 111-1 | 1.86    | 1.91    | 2.01    | 1.93       | 3.99    | ppb   |
| Cadmium    | 106-1 | 2.44    | 0.57    | 1.45    | 1.48       | 63.22   | ppb   |
| Cadmium    | 108-1 | 2.06    | 1.99    | 1.93    | 1.99       | 3.28    | ppb   |
| Calcium    | 43-1  | 866.44  | 881.59  | 875.70  | 874.58     | 0.87    | ppb   |
| Calcium    | 44-1  | 873.35  | 892.33  | 899.31  | 888.33     | 1.51    | ppb   |
| Chromium   | 52-2  | 4.36    | 4.40    | 4.23    | 4.33       | 1.93    | ppb   |
| Cobalt     | 59-2  | 2.12    | 2.08    | 2.11    | 2.10       | 1.08    | ppb   |
| Copper     | 63-2  | 4.12    | 4.09    | 4.16    | 4.12       | 0.82    | ppb   |
| Dysprosium | 156-1 |         |         |         |            |         | cps   |
| Dysprosium | 156-2 |         |         |         |            |         | cps   |
| Erbium     | 164-1 |         |         |         |            |         | cps   |
| Erbium     | 164-2 |         |         |         |            |         | cps   |
| Gadolinium | 160-1 |         |         |         |            |         | cps   |
| Gadolinium | 160-2 |         |         |         |            |         | cps   |
| Holmium    | 165-1 |         |         |         | 105        |         | %     |
| Holmium    | 165-2 |         |         |         | 98         |         | %     |
| Indium     | 115-1 |         |         |         | 103        |         | %     |
| Indium     | 115-2 |         |         |         | 94         |         | %     |
| Iron       | 56-2  | 472.65  | 462.26  | 450.61  | 461.84     | 2.39    | ppb   |
| Iron       | 57-2  | 427.77  | 467.50  | 483.00  | 459.42     | 6.20    | ppb   |
| Lead       | 206-1 | 1.89    | 1.96    | 1.96    | 1.94       | 2.08    | ppb   |
| Lead       | 207-1 | 1.98    | 1.96    | 1.92    | 1.95       | 1.62    | ppb   |
| Lead       | 208-1 | 1.94    | 1.95    | 1.93    | 1.94       | 0.55    | ppb   |
| Lithium    | 6-1   |         |         |         | 96         |         | %     |
| Magnesium  | 24-2  | 1004.17 | 954.10  | 929.91  | 962.73     | 3.93    | ppb   |
| Manganese  | 55-2  | 2.34    | 2.23    | 1.99    | 2.19       | 8.10    | ppb   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB92809             | Operator :        | Jaswal    |
| Lab Sample ID :         | PB105855BS          | Instrumnet Name : | P8        |
| Client Sample ID :      | LCS008              | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2018-01-22 16:19:36 | DataFile Name :   | 047LCSE.d |

| Parameter  | Mass  | ConRep1  | ConRep2  | ConRep3  | Avg. Conc. | ConcRSD | Units |
|------------|-------|----------|----------|----------|------------|---------|-------|
| Molybdenum | 94-1  | 9.49     | 9.14     | 9.48     | 9.37       | 2.14    | ppb   |
| Molybdenum | 95-1  | 9.69     | 9.40     | 9.41     | 9.50       | 1.73    | ppb   |
| Molybdenum | 96-1  | 9.57     | 9.51     | 9.54     | 9.54       | 0.30    | ppb   |
| Molybdenum | 97-1  | 9.12     | 9.51     | 9.61     | 9.41       | 2.78    | ppb   |
| Molybdenum | 98-1  | 9.34     | 9.26     | 9.51     | 9.37       | 1.33    | ppb   |
| Neodymium  | 150-1 |          |          |          |            |         | cps   |
| Neodymium  | 150-2 |          |          |          |            |         | cps   |
| Nickel     | 60-2  | 1.87     | 2.09     | 2.27     | 2.08       | 9.66    | ppb   |
| Phosphorus | 31-2  | 30.38    | -4.97    | 29.56    | 18.32      | 110.13  | ppb   |
| Potassium  | 39-2  | 902.04   | 943.49   | 892.92   | 912.81     | 2.95    | ppb   |
| Rhodium    | 103-1 |          |          |          | 101        |         | %     |
| Rhodium    | 103-2 |          |          |          | 96         |         | %     |
| Scandium   | 45-1  |          |          |          | 97         |         | %     |
| Scandium   | 45-2  |          |          |          | 86         |         | %     |
| Selenium   | 77-2  | 8.01     | 7.59     | 38.12    | 17.91      | 97.74   | ppb   |
| Selenium   | 78-2  | 7.04     | 11.56    | 14.06    | 10.89      | 32.72   | ppb   |
| Selenium   | 82-1  | 10.15    | 10.45    | 10.82    | 10.48      | 3.20    | ppb   |
| Silicon    | 28-1  | 9.52     | 10.03    | 11.55    | 10.37      | 10.19   | ppb   |
| Silver     | 109-1 | 1.92     | 1.87     | 1.91     | 1.90       | 1.48    | ppb   |
| Silver     | 107-1 | 1.94     | 1.97     | 1.99     | 1.96       | 1.25    | ppb   |
| Sodium     | 23-2  | 1018.84  | 997.55   | 968.12   | 994.84     | 2.56    | ppb   |
| Strontium  | 86-1  | 1.83     | 2.01     | 1.81     | 1.88       | 5.74    | ppb   |
| Strontium  | 88-1  | 1.90     | 1.93     | 1.99     | 1.94       | 2.28    | ppb   |
| Sulfur     | 34-1  | -1449.28 | -1376.81 | -1418.75 | -1414.95   |         | ppb   |
| Terbium    | 159-1 |          |          |          | 105        |         | %     |
| Terbium    | 159-2 |          |          |          | 98         |         | %     |
| Thallium   | 203-1 | 1.91     | 1.97     | 2.00     | 1.96       | 2.41    | ppb   |
| Thallium   | 205-1 | 1.91     | 1.93     | 1.94     | 1.92       | 0.89    | ppb   |
| Tin        | 118-1 | 9.26     | 9.47     | 9.56     | 9.43       | 1.64    | ppb   |
| Titanium   | 47-1  | 9.27     | 9.39     | 9.18     | 9.28       | 1.09    | ppb   |
| Uranium    | 238-1 | 1.81     | 1.76     | 1.84     | 1.80       | 2.11    | ppb   |
| Vanadium   | 51-2  | 10.25    | 9.89     | 9.48     | 9.87       | 3.92    | ppb   |
| Yttrium    | 89-1  |          |          |          | 101        |         | %     |
| Yttrium    | 89-2  |          |          |          | 92         |         | %     |
| Zinc       | 66-2  | 4.48     | 5.08     | 4.00     | 4.52       | 12.02   | ppb   |
| Zirconium  | 90-1  | 2.04     | 1.94     | 1.96     | 1.98       | 2.61    | ppb   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB92809             | Operator :        | Jaswal    |
| Lab Sample ID :         | PB105855BS          | Instrumnet Name : | P8        |
| Client Sample ID :      | LCS008              | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2018-01-22 16:19:36 | DataFile Name :   | 047LCSE.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|-----------|------|---------|---------|---------|------------|---------|-------|
| Zirconium | 91-1 | 1.97    | 1.87    | 1.94    | 1.93       | 2.75    | ppb   |



|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB92809             | Operator :        | Jaswal    |
| Lab Sample ID :         | J1224-01            | Instrumnet Name : | P8        |
| Client Sample ID :      | MF6A02              | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2018-01-22 16:22:47 | DataFile Name :   | 048SMPL.d |

| Parameter  | Mass  | ConRep1  | ConRep2  | ConRep3  | Avg. Conc. | ConcRSD | Units |
|------------|-------|----------|----------|----------|------------|---------|-------|
| Aluminium  | 27-2  | 8946.09  | 8736.32  | 8766.57  | 8816.32    | 1.29    | ppb   |
| Antimony   | 121-1 | 0.22     | 0.23     | 0.23     | 0.23       | 2.54    | ppb   |
| Arsenic    | 75-2  | 6.82     | 7.15     | 7.18     | 7.05       | 2.81    | ppb   |
| Barium     | 135-1 | 530.01   | 534.16   | 532.70   | 532.29     | 0.40    | ppb   |
| Barium     | 137-1 | 543.12   | 550.24   | 549.17   | 547.51     | 0.70    | ppb   |
| Beryllium  | 9-1   | 1.41     | 1.16     | 1.21     | 1.26       | 10.50   | ppb   |
| Bismuth    | 209-1 |          |          |          | 109        |         | %     |
| Bismuth    | 209-2 |          |          |          | 100        |         | %     |
| Boron      | 10-1  | 6.04     | 6.02     | 5.13     | 5.73       | 9.02    | ppb   |
| Boron      | 11-1  | 6.04     | 4.65     | 4.80     | 5.16       | 14.75   | ppb   |
| Cadmium    | 111-1 | 0.05     | 0.06     | 0.12     | 0.08       | 53.97   | ppb   |
| Cadmium    | 106-1 | -1.21    | -0.91    | -0.06    | -0.73      |         | ppb   |
| Cadmium    | 108-1 | 0.51     | 0.36     | 0.40     | 0.43       | 17.73   | ppb   |
| Calcium    | 43-1  | 4897.86  | 4882.94  | 4925.21  | 4902.00    | 0.44    | ppb   |
| Calcium    | 44-1  | 4951.86  | 4945.06  | 4967.65  | 4954.86    | 0.23    | ppb   |
| Chromium   | 52-2  | 14.89    | 14.58    | 14.15    | 14.54      | 2.56    | ppb   |
| Cobalt     | 59-2  | 6.29     | 6.47     | 6.34     | 6.37       | 1.40    | ppb   |
| Copper     | 63-2  | 20.59    | 20.46    | 21.26    | 20.77      | 2.08    | 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 |          |          |          | 107        |         | %     |
| Holmium    | 165-2 |          |          |          | 100        |         | %     |
| Indium     | 115-1 |          |          |          | 103        |         | %     |
| Indium     | 115-2 |          |          |          | 95         |         | %     |
| Iron       | 56-2  | 15208.53 | 15016.00 | 15350.30 | 15191.61   | 1.10    | ppb   |
| Iron       | 57-2  | 14767.98 | 14685.17 | 14679.17 | 14710.77   | 0.34    | ppb   |
| Lead       | 206-1 | 39.71    | 40.09    | 40.02    | 39.94      | 0.51    | ppb   |
| Lead       | 207-1 | 36.30    | 36.19    | 36.27    | 36.25      | 0.16    | ppb   |
| Lead       | 208-1 | 37.70    | 37.76    | 37.88    | 37.78      | 0.24    | ppb   |
| Lithium    | 6-1   |          |          |          | 96         |         | %     |
| Magnesium  | 24-2  | 1314.21  | 1271.39  | 1307.91  | 1297.84    | 1.78    | ppb   |
| Manganese  | 55-2  | 624.96   | 623.58   | 630.06   | 626.20     | 0.54    | ppb   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB92809             | Operator :        | Jaswal    |
| Lab Sample ID :         | J1224-01            | Instrumnet Name : | P8        |
| Client Sample ID :      | MF6A02              | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2018-01-22 16:22:47 | DataFile Name :   | 048SMPL.d |

| Parameter  | Mass  | ConRep1  | ConRep2  | ConRep3  | Avg. Conc. | ConcRSD | Units |
|------------|-------|----------|----------|----------|------------|---------|-------|
| Molybdenum | 94-1  | 2.78     | 2.60     | 2.56     | 2.65       | 4.49    | ppb   |
| Molybdenum | 95-1  | 0.82     | 0.85     | 0.81     | 0.83       | 2.91    | ppb   |
| Molybdenum | 96-1  | 1.02     | 1.10     | 0.92     | 1.01       | 8.70    | ppb   |
| Molybdenum | 97-1  | 0.70     | 0.83     | 0.82     | 0.78       | 8.97    | ppb   |
| Molybdenum | 98-1  | 0.91     | 0.85     | 0.87     | 0.88       | 3.50    | ppb   |
| Neodymium  | 150-1 |          |          |          |            |         | cps   |
| Neodymium  | 150-2 |          |          |          |            |         | cps   |
| Nickel     | 60-2  | 6.42     | 6.62     | 6.84     | 6.63       | 3.22    | ppb   |
| Phosphorus | 31-2  | 507.14   | 264.71   | 334.37   | 368.74     | 33.85   | ppb   |
| Potassium  | 39-2  | 348.29   | 378.65   | 346.77   | 357.90     | 5.03    | ppb   |
| Rhodium    | 103-1 |          |          |          | 102        |         | %     |
| Rhodium    | 103-2 |          |          |          | 98         |         | %     |
| Scandium   | 45-1  |          |          |          | 99         |         | %     |
| Scandium   | 45-2  |          |          |          | 89         |         | %     |
| Selenium   | 77-2  | 42.72    | 79.13    | 64.99    | 62.28      | 29.47   | ppb   |
| Selenium   | 78-2  | 8.46     | 6.23     | 5.09     | 6.59       | 26.07   | ppb   |
| Selenium   | 82-1  | 2.30     | 1.28     | 1.76     | 1.78       | 28.88   | ppb   |
| Silicon    | 28-1  | 1487.72  | 1365.63  | 1348.28  | 1400.54    | 5.43    | ppb   |
| Silver     | 109-1 | 0.19     | 0.17     | 0.19     | 0.18       | 5.26    | ppb   |
| Silver     | 107-1 | 0.17     | 0.17     | 0.15     | 0.16       | 8.71    | ppb   |
| Sodium     | 23-2  | 110.80   | 134.82   | 126.11   | 123.91     | 9.81    | ppb   |
| Strontium  | 86-1  | 26.71    | 26.58    | 26.81    | 26.70      | 0.45    | ppb   |
| Strontium  | 88-1  | 27.19    | 27.38    | 27.50    | 27.36      | 0.57    | ppb   |
| Sulfur     | 34-1  | -2183.57 | -2546.70 | -2473.75 | -2401.34   |         | ppb   |
| Terbium    | 159-1 |          |          |          | 107        |         | %     |
| Terbium    | 159-2 |          |          |          | 100        |         | %     |
| Thallium   | 203-1 | 0.21     | 0.17     | 0.20     | 0.19       | 9.71    | ppb   |
| Thallium   | 205-1 | 0.21     | 0.18     | 0.19     | 0.19       | 6.47    | ppb   |
| Tin        | 118-1 | 0.54     | 0.58     | 0.61     | 0.57       | 5.59    | ppb   |
| Titanium   | 47-1  | 9.65     | 9.73     | 13.09    | 10.82      | 18.16   | ppb   |
| Uranium    | 238-1 | 2.44     | 2.39     | 2.47     | 2.43       | 1.82    | ppb   |
| Vanadium   | 51-2  | 33.91    | 32.98    | 33.46    | 33.45      | 1.38    | ppb   |
| Yttrium    | 89-1  |          |          |          | 108        |         | %     |
| Yttrium    | 89-2  |          |          |          | 99         |         | %     |
| Zinc       | 66-2  | 24.80    | 24.93    | 26.20    | 25.31      | 3.06    | ppb   |
| Zirconium  | 90-1  | 1.40     | 1.48     | 1.29     | 1.39       | 7.20    | ppb   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB92809             | Operator :        | Jaswal    |
| Lab Sample ID :         | J1224-01            | Instrumnet Name : | P8        |
| Client Sample ID :      | MF6A02              | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2018-01-22 16:22:47 | DataFile Name :   | 048SMPL.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|-----------|------|---------|---------|---------|------------|---------|-------|
| Zirconium | 91-1 | 1.28    | 1.34    | 1.48    | 1.37       | 7.43    | ppb   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB92809             | Operator :        | Jaswal    |
| Lab Sample ID :         | J1224-02            | Instrumnet Name : | P8        |
| Client Sample ID :      | MF6A03              | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2018-01-22 16:25:57 | DataFile Name :   | 049SMPL.d |

| Parameter  | Mass  | ConRep1  | ConRep2  | ConRep3  | Avg. Conc. | ConcRSD | Units |
|------------|-------|----------|----------|----------|------------|---------|-------|
| Aluminium  | 27-2  | 10415.09 | 11282.53 | 10233.50 | 10643.71   | 5.27    | ppb   |
| Antimony   | 121-1 | 0.35     | 0.36     | 0.34     | 0.35       | 2.82    | ppb   |
| Arsenic    | 75-2  | 15.62    | 16.84    | 14.98    | 15.81      | 5.99    | ppb   |
| Barium     | 135-1 | 746.32   | 742.78   | 753.03   | 747.38     | 0.70    | ppb   |
| Barium     | 137-1 | 769.42   | 758.01   | 769.98   | 765.80     | 0.88    | ppb   |
| Beryllium  | 9-1   | 2.06     | 2.30     | 1.99     | 2.11       | 7.76    | ppb   |
| Bismuth    | 209-1 |          |          |          | 108        |         | %     |
| Bismuth    | 209-2 |          |          |          | 98         |         | %     |
| Boron      | 10-1  | 5.29     | 4.58     | 4.93     | 4.93       | 7.12    | ppb   |
| Boron      | 11-1  | 4.71     | 5.35     | 5.37     | 5.14       | 7.24    | ppb   |
| Cadmium    | 111-1 | 0.30     | 0.31     | 0.30     | 0.30       | 2.95    | ppb   |
| Cadmium    | 106-1 | 0.77     | 0.19     | 0.12     | 0.36       | 100.07  | ppb   |
| Cadmium    | 108-1 | 0.33     | 0.55     | 0.40     | 0.43       | 26.03   | ppb   |
| Calcium    | 43-1  | 7415.09  | 7324.99  | 7402.39  | 7380.82    | 0.66    | ppb   |
| Calcium    | 44-1  | 7614.48  | 7476.07  | 7772.40  | 7620.98    | 1.95    | ppb   |
| Chromium   | 52-2  | 21.03    | 21.63    | 20.58    | 21.08      | 2.50    | ppb   |
| Cobalt     | 59-2  | 30.50    | 31.92    | 29.37    | 30.60      | 4.17    | ppb   |
| Copper     | 63-2  | 14.24    | 15.18    | 13.67    | 14.36      | 5.31    | ppb   |
| Dysprosium | 156-1 |          |          |          |            |         | cps   |
| Dysprosium | 156-2 |          |          |          |            |         | cps   |
| Erbium     | 164-1 |          |          |          |            |         | cps   |
| Erbium     | 164-2 |          |          |          |            |         | cps   |
| Gadolinium | 160-1 |          |          |          |            |         | cps   |
| Gadolinium | 160-2 |          |          |          |            |         | cps   |
| Holmium    | 165-1 |          |          |          | 107        |         | %     |
| Holmium    | 165-2 |          |          |          | 98         |         | %     |
| Indium     | 115-1 |          |          |          | 103        |         | %     |
| Indium     | 115-2 |          |          |          | 92         |         | %     |
| Iron       | 56-2  | 27200.52 | 28269.76 | 26707.89 | 27392.72   | 2.91    | ppb   |
| Iron       | 57-2  | 26118.96 | 27429.84 | 25759.58 | 26436.13   | 3.33    | ppb   |
| Lead       | 206-1 | 68.69    | 68.40    | 69.15    | 68.74      | 0.55    | ppb   |
| Lead       | 207-1 | 62.36    | 62.88    | 62.11    | 62.45      | 0.63    | ppb   |
| Lead       | 208-1 | 65.31    | 65.21    | 65.33    | 65.29      | 0.10    | ppb   |
| Lithium    | 6-1   |          |          |          | 96         |         | %     |
| Magnesium  | 24-2  | 1973.87  | 2093.82  | 1899.53  | 1989.07    | 4.93    | ppb   |
| Manganese  | 55-2  | 1921.54  | 2011.16  | 1890.19  | 1940.96    | 3.23    | ppb   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB92809             | Operator :        | Jaswal    |
| Lab Sample ID :         | J1224-02            | Instrumnet Name : | P8        |
| Client Sample ID :      | MF6A03              | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2018-01-22 16:25:57 | DataFile Name :   | 049SMPL.d |

| Parameter  | Mass  | ConRep1  | ConRep2  | ConRep3  | Avg. Conc. | ConcRSD | Units |
|------------|-------|----------|----------|----------|------------|---------|-------|
| Molybdenum | 94-1  | 3.62     | 3.33     | 3.60     | 3.52       | 4.62    | ppb   |
| Molybdenum | 95-1  | 0.78     | 0.76     | 0.76     | 0.77       | 1.17    | ppb   |
| Molybdenum | 96-1  | 1.08     | 1.17     | 1.19     | 1.15       | 5.24    | ppb   |
| Molybdenum | 97-1  | 0.75     | 0.86     | 0.76     | 0.79       | 7.76    | ppb   |
| Molybdenum | 98-1  | 0.79     | 0.76     | 0.78     | 0.78       | 2.10    | ppb   |
| Neodymium  | 150-1 |          |          |          |            |         | cps   |
| Neodymium  | 150-2 |          |          |          |            |         | cps   |
| Nickel     | 60-2  | 14.65    | 15.29    | 14.38    | 14.77      | 3.15    | ppb   |
| Phosphorus | 31-2  | 440.97   | 455.95   | 395.14   | 430.69     | 7.36    | ppb   |
| Potassium  | 39-2  | 604.58   | 590.10   | 567.00   | 587.23     | 3.23    | ppb   |
| Rhodium    | 103-1 |          |          |          | 101        |         | %     |
| Rhodium    | 103-2 |          |          |          | 96         |         | %     |
| Scandium   | 45-1  |          |          |          | 98         |         | %     |
| Scandium   | 45-2  |          |          |          | 88         |         | %     |
| Selenium   | 77-2  | 78.38    | 66.73    | 56.59    | 67.23      | 16.22   | ppb   |
| Selenium   | 78-2  | 9.63     | 14.86    | 7.26     | 10.58      | 36.75   | ppb   |
| Selenium   | 82-1  | 1.36     | 1.68     | 1.48     | 1.51       | 10.79   | ppb   |
| Silicon    | 28-1  | 1369.05  | 1353.31  | 1400.93  | 1374.43    | 1.76    | ppb   |
| Silver     | 109-1 | 0.15     | 0.13     | 0.14     | 0.14       | 7.71    | ppb   |
| Silver     | 107-1 | 0.14     | 0.11     | 0.13     | 0.13       | 11.08   | ppb   |
| Sodium     | 23-2  | 124.44   | 129.95   | 109.75   | 121.38     | 8.60    | ppb   |
| Strontium  | 86-1  | 30.85    | 31.06    | 31.59    | 31.17      | 1.22    | ppb   |
| Strontium  | 88-1  | 31.94    | 31.62    | 32.00    | 31.86      | 0.65    | ppb   |
| Sulfur     | 34-1  | -2362.51 | -2519.17 | -2305.47 | -2395.72   |         | ppb   |
| Terbium    | 159-1 |          |          |          | 107        |         | %     |
| Terbium    | 159-2 |          |          |          | 97         |         | %     |
| Thallium   | 203-1 | 0.12     | 0.11     | 0.13     | 0.12       | 7.59    | ppb   |
| Thallium   | 205-1 | 0.14     | 0.15     | 0.15     | 0.15       | 3.81    | ppb   |
| Tin        | 118-1 | 0.77     | 0.76     | 0.74     | 0.76       | 2.43    | ppb   |
| Titanium   | 47-1  | 19.52    | 20.06    | 19.32    | 19.63      | 1.95    | ppb   |
| Uranium    | 238-1 | 2.03     | 2.04     | 2.08     | 2.05       | 1.21    | ppb   |
| Vanadium   | 51-2  | 52.79    | 54.97    | 52.39    | 53.38      | 2.60    | ppb   |
| Yttrium    | 89-1  |          |          |          | 110        |         | %     |
| Yttrium    | 89-2  |          |          |          | 99         |         | %     |
| Zinc       | 66-2  | 46.81    | 51.35    | 47.92    | 48.69      | 4.87    | ppb   |
| Zirconium  | 90-1  | 1.77     | 1.81     | 2.07     | 1.88       | 8.65    | ppb   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB92809             | Operator :        | Jaswal    |
| Lab Sample ID :         | J1224-02            | Instrumnet Name : | P8        |
| Client Sample ID :      | MF6A03              | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2018-01-22 16:25:57 | DataFile Name :   | 049SMPL.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|-----------|------|---------|---------|---------|------------|---------|-------|
| Zirconium | 91-1 | 1.82    | 1.80    | 1.67    | 1.76       | 4.50    | ppb   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB92809             | Operator :        | Jaswal    |
| Lab Sample ID :         | J1224-03            | Instrumnet Name : | P8        |
| Client Sample ID :      | MF6A05              | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2018-01-22 16:29:07 | DataFile Name :   | 050SMPL.d |

| Parameter  | Mass  | ConRep1  | ConRep2  | ConRep3  | Avg. Conc. | ConcRSD | Units |
|------------|-------|----------|----------|----------|------------|---------|-------|
| Aluminium  | 27-2  | 10482.16 | 10084.11 | 10239.97 | 10268.74   | 1.95    | ppb   |
| Antimony   | 121-1 | 0.23     | 0.25     | 0.26     | 0.25       | 4.47    | ppb   |
| Arsenic    | 75-2  | 9.43     | 10.47    | 9.68     | 9.86       | 5.53    | ppb   |
| Barium     | 135-1 | 639.46   | 633.89   | 678.35   | 650.57     | 3.72    | ppb   |
| Barium     | 137-1 | 658.81   | 653.66   | 705.57   | 672.68     | 4.25    | ppb   |
| Beryllium  | 9-1   | 1.03     | 1.19     | 1.02     | 1.08       | 8.78    | ppb   |
| Bismuth    | 209-1 |          |          |          | 106        |         | %     |
| Bismuth    | 209-2 |          |          |          | 100        |         | %     |
| Boron      | 10-1  | 4.58     | 4.60     | 4.59     | 4.59       | 0.22    | ppb   |
| Boron      | 11-1  | 4.53     | 5.38     | 5.22     | 5.04       | 9.01    | ppb   |
| Cadmium    | 111-1 | 0.02     | -0.06    | 0.10     | 0.02       | 439.62  | ppb   |
| Cadmium    | 106-1 | -0.44    | -1.08    | 0.13     | -0.47      |         | ppb   |
| Cadmium    | 108-1 | 0.40     | 0.37     | 0.35     | 0.37       | 6.68    | ppb   |
| Calcium    | 43-1  | 7704.90  | 7588.64  | 7989.08  | 7760.87    | 2.65    | ppb   |
| Calcium    | 44-1  | 7732.81  | 7773.55  | 8319.74  | 7942.04    | 4.13    | ppb   |
| Chromium   | 52-2  | 17.35    | 16.68    | 16.87    | 16.97      | 2.04    | ppb   |
| Cobalt     | 59-2  | 4.72     | 4.69     | 4.71     | 4.70       | 0.34    | ppb   |
| Copper     | 63-2  | 9.87     | 9.76     | 9.60     | 9.74       | 1.38    | ppb   |
| Dysprosium | 156-1 |          |          |          |            |         | cps   |
| Dysprosium | 156-2 |          |          |          |            |         | cps   |
| Erbium     | 164-1 |          |          |          |            |         | cps   |
| Erbium     | 164-2 |          |          |          |            |         | cps   |
| Gadolinium | 160-1 |          |          |          |            |         | cps   |
| Gadolinium | 160-2 |          |          |          |            |         | cps   |
| Holmium    | 165-1 |          |          |          | 104        |         | %     |
| Holmium    | 165-2 |          |          |          | 99         |         | %     |
| Indium     | 115-1 |          |          |          | 101        |         | %     |
| Indium     | 115-2 |          |          |          | 95         |         | %     |
| Iron       | 56-2  | 18610.72 | 18130.84 | 18244.07 | 18328.55   | 1.37    | ppb   |
| Iron       | 57-2  | 18060.36 | 17395.24 | 17581.80 | 17679.13   | 1.94    | ppb   |
| Lead       | 206-1 | 119.86   | 119.47   | 126.76   | 122.03     | 3.36    | ppb   |
| Lead       | 207-1 | 110.91   | 110.32   | 117.23   | 112.82     | 3.40    | ppb   |
| Lead       | 208-1 | 115.12   | 114.88   | 121.68   | 117.22     | 3.29    | ppb   |
| Lithium    | 6-1   |          |          |          | 94         |         | %     |
| Magnesium  | 24-2  | 1779.79  | 1776.20  | 1746.32  | 1767.44    | 1.04    | ppb   |
| Manganese  | 55-2  | 552.34   | 542.96   | 527.73   | 541.01     | 2.30    | ppb   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB92809             | Operator :        | Jaswal    |
| Lab Sample ID :         | J1224-03            | Instrumnet Name : | P8        |
| Client Sample ID :      | MF6A05              | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2018-01-22 16:29:07 | DataFile Name :   | 050SMPL.d |

| Parameter  | Mass  | ConRep1  | ConRep2  | ConRep3  | Avg. Conc. | ConcRSD | Units |
|------------|-------|----------|----------|----------|------------|---------|-------|
| Molybdenum | 94-1  | 3.63     | 3.47     | 3.89     | 3.66       | 5.70    | ppb   |
| Molybdenum | 95-1  | 0.81     | 0.77     | 0.88     | 0.82       | 6.98    | ppb   |
| Molybdenum | 96-1  | 1.23     | 1.20     | 2.04     | 1.49       | 32.05   | ppb   |
| Molybdenum | 97-1  | 0.78     | 0.65     | 0.76     | 0.73       | 10.00   | ppb   |
| Molybdenum | 98-1  | 0.75     | 0.73     | 0.82     | 0.77       | 6.09    | ppb   |
| Neodymium  | 150-1 |          |          |          |            |         | cps   |
| Neodymium  | 150-2 |          |          |          |            |         | cps   |
| Nickel     | 60-2  | 6.74     | 6.33     | 6.15     | 6.41       | 4.67    | ppb   |
| Phosphorus | 31-2  | 479.15   | 534.90   | 635.04   | 549.70     | 14.37   | ppb   |
| Potassium  | 39-2  | 662.71   | 647.32   | 616.28   | 642.10     | 3.68    | ppb   |
| Rhodium    | 103-1 |          |          |          | 100        |         | %     |
| Rhodium    | 103-2 |          |          |          | 97         |         | %     |
| Scandium   | 45-1  |          |          |          | 96         |         | %     |
| Scandium   | 45-2  |          |          |          | 89         |         | %     |
| Selenium   | 77-2  | 36.94    | 36.90    | 29.66    | 34.50      | 12.15   | ppb   |
| Selenium   | 78-2  | 6.42     | 7.60     | 4.04     | 6.02       | 30.12   | ppb   |
| Selenium   | 82-1  | 2.60     | 2.39     | 3.05     | 2.68       | 12.54   | ppb   |
| Silicon    | 28-1  | 1452.55  | 1513.43  | 1646.47  | 1537.48    | 6.45    | ppb   |
| Silver     | 109-1 | 0.21     | 0.19     | 0.19     | 0.20       | 4.70    | ppb   |
| Silver     | 107-1 | 0.19     | 0.18     | 0.22     | 0.20       | 11.70   | ppb   |
| Sodium     | 23-2  | 117.57   | 110.88   | 120.01   | 116.15     | 4.07    | ppb   |
| Strontium  | 86-1  | 42.51    | 43.23    | 46.03    | 43.92      | 4.23    | ppb   |
| Strontium  | 88-1  | 43.89    | 43.94    | 47.12    | 44.98      | 4.12    | ppb   |
| Sulfur     | 34-1  | -2483.66 | -2722.47 | -1807.44 | -2337.85   |         | ppb   |
| Terbium    | 159-1 |          |          |          | 104        |         | %     |
| Terbium    | 159-2 |          |          |          | 99         |         | %     |
| Thallium   | 203-1 | 0.16     | 0.12     | 0.16     | 0.14       | 14.13   | ppb   |
| Thallium   | 205-1 | 0.13     | 0.12     | 0.13     | 0.13       | 3.05    | ppb   |
| Tin        | 118-1 | 0.78     | 0.79     | 0.84     | 0.80       | 3.88    | ppb   |
| Titanium   | 47-1  | 13.19    | 40.14    | 15.07    | 22.80      | 65.99   | ppb   |
| Uranium    | 238-1 | 2.23     | 2.17     | 2.36     | 2.25       | 4.14    | ppb   |
| Vanadium   | 51-2  | 35.07    | 34.62    | 33.33    | 34.34      | 2.63    | ppb   |
| Yttrium    | 89-1  |          |          |          | 103        |         | %     |
| Yttrium    | 89-2  |          |          |          | 96         |         | %     |
| Zinc       | 66-2  | 28.32    | 27.45    | 27.98    | 27.92      | 1.58    | ppb   |
| Zirconium  | 90-1  | 1.99     | 1.93     | 2.18     | 2.03       | 6.30    | ppb   |



|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB92809             | Operator :        | Jaswal    |
| Lab Sample ID :         | J1224-03            | Instrumnet Name : | P8        |
| Client Sample ID :      | MF6A05              | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2018-01-22 16:29:07 | DataFile Name :   | 050SMPL.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|-----------|------|---------|---------|---------|------------|---------|-------|
| Zirconium | 91-1 | 2.02    | 1.88    | 2.24    | 2.05       | 8.88    | ppb   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB92809             | Operator :        | Jaswal    |
| Lab Sample ID :         | J1224-04            | Instrumnet Name : | P8        |
| Client Sample ID :      | MF6A06              | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2018-01-22 16:32:17 | DataFile Name :   | 051SMPL.d |

| Parameter  | Mass  | ConRep1  | ConRep2  | ConRep3  | Avg. Conc. | ConcRSD | Units |
|------------|-------|----------|----------|----------|------------|---------|-------|
| Aluminium  | 27-2  | 7374.91  | 8019.23  | 7377.66  | 7590.60    | 4.89    | ppb   |
| Antimony   | 121-1 | 0.38     | 0.32     | 0.32     | 0.34       | 10.19   | ppb   |
| Arsenic    | 75-2  | 7.29     | 9.25     | 6.99     | 7.84       | 15.68   | ppb   |
| Barium     | 135-1 | 352.68   | 346.53   | 355.50   | 351.57     | 1.30    | ppb   |
| Barium     | 137-1 | 353.03   | 350.43   | 357.35   | 353.60     | 0.99    | ppb   |
| Beryllium  | 9-1   | 1.02     | 1.08     | 1.09     | 1.06       | 3.52    | ppb   |
| Bismuth    | 209-1 |          |          |          | 108        |         | %     |
| Bismuth    | 209-2 |          |          |          | 97         |         | %     |
| Boron      | 10-1  | 4.21     | 3.49     | 4.24     | 3.98       | 10.67   | ppb   |
| Boron      | 11-1  | 4.66     | 5.38     | 4.72     | 4.92       | 8.11    | ppb   |
| Cadmium    | 111-1 | 0.07     | 0.17     | 0.17     | 0.13       | 43.70   | ppb   |
| Cadmium    | 106-1 | -0.39    | 0.81     | 1.08     | 0.50       | 156.11  | ppb   |
| Cadmium    | 108-1 | 0.25     | 0.25     | 0.26     | 0.26       | 1.05    | ppb   |
| Calcium    | 43-1  | 4504.97  | 4482.95  | 4508.32  | 4498.75    | 0.31    | ppb   |
| Calcium    | 44-1  | 4502.13  | 4471.69  | 4472.44  | 4482.09    | 0.39    | ppb   |
| Chromium   | 52-2  | 13.91    | 16.35    | 14.57    | 14.94      | 8.45    | ppb   |
| Cobalt     | 59-2  | 7.30     | 7.73     | 6.86     | 7.30       | 5.91    | ppb   |
| Copper     | 63-2  | 33.10    | 37.29    | 33.58    | 34.66      | 6.61    | 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 |          |          |          | 106        |         | %     |
| Holmium    | 165-2 |          |          |          | 96         |         | %     |
| Indium     | 115-1 |          |          |          | 102        |         | %     |
| Indium     | 115-2 |          |          |          | 91         |         | %     |
| Iron       | 56-2  | 19365.79 | 21281.20 | 19190.83 | 19945.94   | 5.81    | ppb   |
| Iron       | 57-2  | 18552.12 | 20722.62 | 18651.33 | 19308.69   | 6.35    | ppb   |
| Lead       | 206-1 | 39.90    | 40.34    | 40.26    | 40.17      | 0.58    | ppb   |
| Lead       | 207-1 | 36.08    | 36.90    | 35.76    | 36.25      | 1.62    | ppb   |
| Lead       | 208-1 | 37.76    | 38.25    | 37.73    | 37.91      | 0.77    | ppb   |
| Lithium    | 6-1   |          |          |          | 96         |         | %     |
| Magnesium  | 24-2  | 1499.83  | 1699.17  | 1490.35  | 1563.11    | 7.54    | ppb   |
| Manganese  | 55-2  | 779.12   | 869.81   | 776.92   | 808.62     | 6.56    | ppb   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB92809             | Operator :        | Jaswal    |
| Lab Sample ID :         | J1224-04            | Instrumnet Name : | P8        |
| Client Sample ID :      | MF6A06              | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2018-01-22 16:32:17 | DataFile Name :   | 051SMPL.d |

| Parameter  | Mass  | ConRep1  | ConRep2  | ConRep3  | Avg. Conc. | ConcRSD | Units |
|------------|-------|----------|----------|----------|------------|---------|-------|
| Molybdenum | 94-1  | 2.58     | 2.74     | 2.64     | 2.65       | 3.19    | ppb   |
| Molybdenum | 95-1  | 0.63     | 0.55     | 0.60     | 0.59       | 6.66    | ppb   |
| Molybdenum | 96-1  | 0.91     | 0.96     | 0.82     | 0.90       | 7.66    | ppb   |
| Molybdenum | 97-1  | 0.62     | 0.67     | 0.63     | 0.64       | 4.69    | ppb   |
| Molybdenum | 98-1  | 0.63     | 0.60     | 0.63     | 0.62       | 2.47    | ppb   |
| Neodymium  | 150-1 |          |          |          |            |         | cps   |
| Neodymium  | 150-2 |          |          |          |            |         | cps   |
| Nickel     | 60-2  | 7.73     | 9.17     | 7.16     | 8.02       | 12.89   | ppb   |
| Phosphorus | 31-2  | 469.10   | 412.15   | 235.21   | 372.15     | 32.77   | ppb   |
| Potassium  | 39-2  | 446.41   | 549.10   | 483.09   | 492.87     | 10.56   | ppb   |
| Rhodium    | 103-1 |          |          |          | 101        |         | %     |
| Rhodium    | 103-2 |          |          |          | 95         |         | %     |
| Scandium   | 45-1  |          |          |          | 98         |         | %     |
| Scandium   | 45-2  |          |          |          | 85         |         | %     |
| Selenium   | 77-2  | 58.87    | 56.57    | 52.03    | 55.82      | 6.23    | ppb   |
| Selenium   | 78-2  | 7.58     | 7.09     | 7.67     | 7.45       | 4.15    | ppb   |
| Selenium   | 82-1  | 3.09     | 3.07     | 2.99     | 3.05       | 1.74    | ppb   |
| Silicon    | 28-1  | 1945.50  | 1729.15  | 1954.99  | 1876.55    | 6.81    | ppb   |
| Silver     | 109-1 | 0.10     | 0.10     | 0.09     | 0.10       | 6.04    | ppb   |
| Silver     | 107-1 | 0.09     | 0.08     | 0.11     | 0.10       | 16.92   | ppb   |
| Sodium     | 23-2  | 118.55   | 137.93   | 120.81   | 125.76     | 8.42    | ppb   |
| Strontium  | 86-1  | 27.97    | 27.94    | 27.94    | 27.95      | 0.06    | ppb   |
| Strontium  | 88-1  | 29.80    | 28.89    | 28.25    | 28.98      | 2.69    | ppb   |
| Sulfur     | 34-1  | -2678.17 | -3032.66 | -2857.33 | -2856.05   |         | ppb   |
| Terbium    | 159-1 |          |          |          | 106        |         | %     |
| Terbium    | 159-2 |          |          |          | 96         |         | %     |
| Thallium   | 203-1 | 0.09     | 0.08     | 0.08     | 0.08       | 0.79    | ppb   |
| Thallium   | 205-1 | 0.08     | 0.08     | 0.09     | 0.09       | 4.82    | ppb   |
| Tin        | 118-1 | 0.68     | 0.69     | 0.70     | 0.69       | 1.92    | ppb   |
| Titanium   | 47-1  | 29.28    | 30.07    | 31.46    | 30.27      | 3.65    | ppb   |
| Uranium    | 238-1 | 1.12     | 1.16     | 1.10     | 1.13       | 2.37    | ppb   |
| Vanadium   | 51-2  | 42.70    | 46.38    | 42.40    | 43.83      | 5.05    | ppb   |
| Yttrium    | 89-1  |          |          |          | 105        |         | %     |
| Yttrium    | 89-2  |          |          |          | 94         |         | %     |
| Zinc       | 66-2  | 28.83    | 32.76    | 30.33    | 30.64      | 6.46    | ppb   |
| Zirconium  | 90-1  | 1.30     | 1.36     | 1.38     | 1.35       | 3.29    | ppb   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB92809             | Operator :        | Jaswal    |
| Lab Sample ID :         | J1224-04            | Instrumnet Name : | P8        |
| Client Sample ID :      | MF6A06              | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2018-01-22 16:32:17 | DataFile Name :   | 051SMPL.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|-----------|------|---------|---------|---------|------------|---------|-------|
| Zirconium | 91-1 | 1.30    | 1.36    | 1.56    | 1.40       | 9.61    | ppb   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB92809             | Operator :        | Jaswal    |
| Lab Sample ID :         | J1224-05            | Instrumnet Name : | P8        |
| Client Sample ID :      | MF6A07              | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2018-01-22 16:35:27 | DataFile Name :   | 052SMPL.d |

| Parameter  | Mass  | ConRep1  | ConRep2  | ConRep3  | Avg. Conc. | ConcRSD | Units |
|------------|-------|----------|----------|----------|------------|---------|-------|
| Aluminium  | 27-2  | 8984.55  | 9190.84  | 8533.45  | 8902.95    | 3.78    | ppb   |
| Antimony   | 121-1 | 0.17     | 0.19     | 0.18     | 0.18       | 3.46    | ppb   |
| Arsenic    | 75-2  | 6.74     | 7.60     | 6.65     | 7.00       | 7.54    | ppb   |
| Barium     | 135-1 | 284.29   | 281.76   | 277.17   | 281.07     | 1.28    | ppb   |
| Barium     | 137-1 | 282.70   | 284.76   | 280.72   | 282.73     | 0.71    | ppb   |
| Beryllium  | 9-1   | 1.03     | 1.07     | 1.08     | 1.06       | 2.74    | ppb   |
| Bismuth    | 209-1 |          |          |          | 108        |         | %     |
| Bismuth    | 209-2 |          |          |          | 100        |         | %     |
| Boron      | 10-1  | 2.19     | 2.78     | 3.74     | 2.90       | 27.04   | ppb   |
| Boron      | 11-1  | 2.64     | 2.58     | 2.46     | 2.56       | 3.62    | ppb   |
| Cadmium    | 111-1 | 0.19     | 0.00     | 0.19     | 0.13       | 89.99   | ppb   |
| Cadmium    | 106-1 | 0.60     | -1.58    | 0.71     | -0.09      |         | ppb   |
| Cadmium    | 108-1 | 0.26     | 0.33     | 0.22     | 0.27       | 21.73   | ppb   |
| Calcium    | 43-1  | 2823.06  | 2878.27  | 2888.90  | 2863.41    | 1.23    | ppb   |
| Calcium    | 44-1  | 2866.31  | 2831.89  | 2857.09  | 2851.76    | 0.62    | ppb   |
| Chromium   | 52-2  | 13.05    | 12.86    | 12.58    | 12.83      | 1.83    | ppb   |
| Cobalt     | 59-2  | 10.89    | 10.66    | 10.11    | 10.56      | 3.79    | ppb   |
| Copper     | 63-2  | 9.16     | 8.81     | 8.83     | 8.93       | 2.17    | ppb   |
| Dysprosium | 156-1 |          |          |          |            |         | cps   |
| Dysprosium | 156-2 |          |          |          |            |         | cps   |
| Erbium     | 164-1 |          |          |          |            |         | cps   |
| Erbium     | 164-2 |          |          |          |            |         | cps   |
| Gadolinium | 160-1 |          |          |          |            |         | cps   |
| Gadolinium | 160-2 |          |          |          |            |         | cps   |
| Holmium    | 165-1 |          |          |          | 106        |         | %     |
| Holmium    | 165-2 |          |          |          | 99         |         | %     |
| Indium     | 115-1 |          |          |          | 103        |         | %     |
| Indium     | 115-2 |          |          |          | 94         |         | %     |
| Iron       | 56-2  | 17570.68 | 17864.39 | 17000.65 | 17478.57   | 2.51    | ppb   |
| Iron       | 57-2  | 17043.45 | 17222.59 | 16527.97 | 16931.34   | 2.13    | ppb   |
| Lead       | 206-1 | 51.48    | 51.64    | 50.80    | 51.31      | 0.87    | ppb   |
| Lead       | 207-1 | 46.99    | 46.96    | 46.00    | 46.65      | 1.21    | ppb   |
| Lead       | 208-1 | 49.02    | 49.08    | 48.33    | 48.81      | 0.86    | ppb   |
| Lithium    | 6-1   |          |          |          | 96         |         | %     |
| Magnesium  | 24-2  | 1581.69  | 1594.78  | 1535.79  | 1570.75    | 1.97    | ppb   |
| Manganese  | 55-2  | 1118.48  | 1123.68  | 1070.22  | 1104.13    | 2.67    | ppb   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB92809             | Operator :        | Jaswal    |
| Lab Sample ID :         | J1224-05            | Instrumnet Name : | P8        |
| Client Sample ID :      | MF6A07              | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2018-01-22 16:35:27 | DataFile Name :   | 052SMPL.d |

| Parameter  | Mass  | ConRep1  | ConRep2  | ConRep3  | Avg. Conc. | ConcRSD | Units |
|------------|-------|----------|----------|----------|------------|---------|-------|
| Molybdenum | 94-1  | 1.31     | 1.38     | 1.27     | 1.32       | 4.26    | ppb   |
| Molybdenum | 95-1  | 0.55     | 0.62     | 0.58     | 0.58       | 6.78    | ppb   |
| Molybdenum | 96-1  | 0.70     | 0.73     | 0.75     | 0.73       | 3.76    | ppb   |
| Molybdenum | 97-1  | 0.62     | 0.60     | 0.53     | 0.58       | 8.29    | ppb   |
| Molybdenum | 98-1  | 0.56     | 0.57     | 0.57     | 0.57       | 0.78    | ppb   |
| Neodymium  | 150-1 |          |          |          |            |         | cps   |
| Neodymium  | 150-2 |          |          |          |            |         | cps   |
| Nickel     | 60-2  | 7.15     | 8.05     | 6.89     | 7.36       | 8.29    | ppb   |
| Phosphorus | 31-2  | 267.89   | 441.92   | 358.46   | 356.09     | 24.44   | ppb   |
| Potassium  | 39-2  | 549.04   | 536.70   | 520.26   | 535.33     | 2.70    | ppb   |
| Rhodium    | 103-1 |          |          |          | 101        |         | %     |
| Rhodium    | 103-2 |          |          |          | 97         |         | %     |
| Scandium   | 45-1  |          |          |          | 97         |         | %     |
| Scandium   | 45-2  |          |          |          | 89         |         | %     |
| Selenium   | 77-2  | 114.71   | 72.09    | 36.04    | 74.28      | 53.01   | ppb   |
| Selenium   | 78-2  | 5.04     | 7.41     | 17.93    | 10.13      | 67.73   | ppb   |
| Selenium   | 82-1  | 1.70     | 0.50     | 1.22     | 1.14       | 52.84   | ppb   |
| Silicon    | 28-1  | 1255.05  | 1356.43  | 1310.30  | 1307.26    | 3.88    | ppb   |
| Silver     | 109-1 | 0.15     | 0.20     | 0.14     | 0.16       | 19.04   | ppb   |
| Silver     | 107-1 | 0.18     | 0.20     | 0.18     | 0.19       | 8.34    | ppb   |
| Sodium     | 23-2  | 125.41   | 124.94   | 117.82   | 122.72     | 3.46    | ppb   |
| Strontium  | 86-1  | 21.48    | 21.92    | 21.67    | 21.69      | 1.04    | ppb   |
| Strontium  | 88-1  | 22.12    | 22.21    | 21.89    | 22.07      | 0.75    | ppb   |
| Sulfur     | 34-1  | -3504.56 | -3581.03 | -3570.44 | -3552.01   |         | ppb   |
| Terbium    | 159-1 |          |          |          | 106        |         | %     |
| Terbium    | 159-2 |          |          |          | 99         |         | %     |
| Thallium   | 203-1 | 0.15     | 0.17     | 0.17     | 0.17       | 6.72    | ppb   |
| Thallium   | 205-1 | 0.18     | 0.17     | 0.16     | 0.17       | 7.79    | ppb   |
| Tin        | 118-1 | 0.54     | 0.56     | 0.58     | 0.56       | 3.46    | ppb   |
| Titanium   | 47-1  | 26.79    | 17.57    | 18.87    | 21.07      | 23.69   | ppb   |
| Uranium    | 238-1 | 2.42     | 2.39     | 2.34     | 2.38       | 1.57    | ppb   |
| Vanadium   | 51-2  | 29.65    | 30.32    | 28.56    | 29.51      | 3.01    | ppb   |
| Yttrium    | 89-1  |          |          |          | 107        |         | %     |
| Yttrium    | 89-2  |          |          |          | 99         |         | %     |
| Zinc       | 66-2  | 40.83    | 39.21    | 38.26    | 39.43      | 3.30    | ppb   |
| Zirconium  | 90-1  | 0.74     | 0.59     | 0.58     | 0.64       | 13.78   | ppb   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB92809             | Operator :        | Jaswal    |
| Lab Sample ID :         | J1224-05            | Instrumnet Name : | P8        |
| Client Sample ID :      | MF6A07              | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2018-01-22 16:35:27 | DataFile Name :   | 052SMPL.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|-----------|------|---------|---------|---------|------------|---------|-------|
| Zirconium | 91-1 | 0.60    | 0.80    | 0.67    | 0.69       | 14.59   | ppb   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB92809             | Operator :        | Jaswal    |
| Lab Sample ID :         | J1224-06            | Instrumnet Name : | P8        |
| Client Sample ID :      | MF6A08              | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2018-01-22 16:38:38 | DataFile Name :   | 053SMPL.d |

| Parameter  | Mass  | ConRep1  | ConRep2  | ConRep3  | Avg. Conc. | ConcRSD | Units |
|------------|-------|----------|----------|----------|------------|---------|-------|
| Aluminium  | 27-2  | 9109.64  | 9369.78  | 10058.94 | 9512.79    | 5.16    | ppb   |
| Antimony   | 121-1 | 0.23     | 0.18     | 0.20     | 0.20       | 13.07   | ppb   |
| Arsenic    | 75-2  | 7.64     | 6.91     | 7.97     | 7.50       | 7.27    | ppb   |
| Barium     | 135-1 | 302.67   | 300.23   | 299.76   | 300.89     | 0.52    | ppb   |
| Barium     | 137-1 | 302.28   | 299.50   | 300.04   | 300.61     | 0.49    | ppb   |
| Beryllium  | 9-1   | 1.11     | 1.10     | 1.14     | 1.12       | 2.20    | ppb   |
| Bismuth    | 209-1 |          |          |          | 107        |         | %     |
| Bismuth    | 209-2 |          |          |          | 97         |         | %     |
| Boron      | 10-1  | 1.67     | 1.38     | 1.74     | 1.60       | 12.00   | ppb   |
| Boron      | 11-1  | 2.11     | 2.51     | 1.89     | 2.17       | 14.45   | ppb   |
| Cadmium    | 111-1 | 0.22     | 0.12     | 0.16     | 0.17       | 27.22   | ppb   |
| Cadmium    | 106-1 | 0.79     | -0.82    | 0.25     | 0.07       | 1123.62 | ppb   |
| Cadmium    | 108-1 | 0.19     | 0.18     | 0.18     | 0.18       | 0.84    | ppb   |
| Calcium    | 43-1  | 2921.77  | 2906.64  | 2981.43  | 2936.61    | 1.35    | ppb   |
| Calcium    | 44-1  | 2919.68  | 2912.72  | 2948.73  | 2927.04    | 0.65    | ppb   |
| Chromium   | 52-2  | 13.56    | 13.78    | 14.91    | 14.08      | 5.16    | ppb   |
| Cobalt     | 59-2  | 11.70    | 11.97    | 12.75    | 12.14      | 4.52    | ppb   |
| Copper     | 63-2  | 8.89     | 8.81     | 9.43     | 9.04       | 3.72    | ppb   |
| Dysprosium | 156-1 |          |          |          |            |         | cps   |
| Dysprosium | 156-2 |          |          |          |            |         | cps   |
| Erbium     | 164-1 |          |          |          |            |         | cps   |
| Erbium     | 164-2 |          |          |          |            |         | cps   |
| Gadolinium | 160-1 |          |          |          |            |         | cps   |
| Gadolinium | 160-2 |          |          |          |            |         | cps   |
| Holmium    | 165-1 |          |          |          | 106        |         | %     |
| Holmium    | 165-2 |          |          |          | 97         |         | %     |
| Indium     | 115-1 |          |          |          | 102        |         | %     |
| Indium     | 115-2 |          |          |          | 91         |         | %     |
| Iron       | 56-2  | 18541.27 | 18617.86 | 20199.78 | 19119.64   | 4.90    | ppb   |
| Iron       | 57-2  | 17861.00 | 18193.25 | 19392.41 | 18482.22   | 4.36    | ppb   |
| Lead       | 206-1 | 53.97    | 53.97    | 53.83    | 53.92      | 0.15    | ppb   |
| Lead       | 207-1 | 48.98    | 48.76    | 48.80    | 48.85      | 0.24    | ppb   |
| Lead       | 208-1 | 51.15    | 50.85    | 51.02    | 51.01      | 0.29    | ppb   |
| Lithium    | 6-1   |          |          |          | 96         |         | %     |
| Magnesium  | 24-2  | 1648.02  | 1662.69  | 1788.88  | 1699.86    | 4.56    | ppb   |
| Manganese  | 55-2  | 1126.05  | 1152.17  | 1231.82  | 1170.01    | 4.71    | ppb   |



|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB92809             | Operator :        | Jaswal    |
| Lab Sample ID :         | J1224-06            | Instrumnet Name : | P8        |
| Client Sample ID :      | MF6A08              | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2018-01-22 16:38:38 | DataFile Name :   | 053SMPL.d |

| Parameter  | Mass  | ConRep1  | ConRep2  | ConRep3  | Avg. Conc. | ConcRSD | Units |
|------------|-------|----------|----------|----------|------------|---------|-------|
| Molybdenum | 94-1  | 1.59     | 1.68     | 1.97     | 1.74       | 11.26   | ppb   |
| Molybdenum | 95-1  | 0.59     | 0.52     | 0.58     | 0.56       | 6.17    | ppb   |
| Molybdenum | 96-1  | 0.77     | 0.80     | 0.72     | 0.76       | 5.08    | ppb   |
| Molybdenum | 97-1  | 0.54     | 0.53     | 0.64     | 0.57       | 10.39   | ppb   |
| Molybdenum | 98-1  | 0.60     | 0.58     | 0.55     | 0.58       | 4.01    | ppb   |
| Neodymium  | 150-1 |          |          |          |            |         | cps   |
| Neodymium  | 150-2 |          |          |          |            |         | cps   |
| Nickel     | 60-2  | 7.41     | 7.96     | 8.91     | 8.09       | 9.37    | ppb   |
| Phosphorus | 31-2  | 464.23   | 408.90   | 397.19   | 423.44     | 8.46    | ppb   |
| Potassium  | 39-2  | 558.08   | 550.50   | 562.47   | 557.02     | 1.09    | ppb   |
| Rhodium    | 103-1 |          |          |          | 101        |         | %     |
| Rhodium    | 103-2 |          |          |          | 95         |         | %     |
| Scandium   | 45-1  |          |          |          | 98         |         | %     |
| Scandium   | 45-2  |          |          |          | 87         |         | %     |
| Selenium   | 77-2  | 57.37    | 50.64    | 108.37   | 72.13      | 43.77   | ppb   |
| Selenium   | 78-2  | 10.86    | 7.44     | 9.27     | 9.19       | 18.61   | ppb   |
| Selenium   | 82-1  | 1.86     | 1.95     | 1.99     | 1.93       | 3.29    | ppb   |
| Silicon    | 28-1  | 1341.98  | 1367.00  | 1332.78  | 1347.25    | 1.31    | ppb   |
| Silver     | 109-1 | 0.20     | 0.22     | 0.18     | 0.20       | 8.24    | ppb   |
| Silver     | 107-1 | 0.18     | 0.21     | 0.17     | 0.18       | 11.56   | ppb   |
| Sodium     | 23-2  | 119.60   | 122.79   | 138.90   | 127.10     | 8.14    | ppb   |
| Strontium  | 86-1  | 23.46    | 23.00    | 22.51    | 22.99      | 2.06    | ppb   |
| Strontium  | 88-1  | 22.95    | 22.49    | 22.78    | 22.74      | 1.04    | ppb   |
| Sulfur     | 34-1  | -4085.20 | -4186.67 | -4165.42 | -4145.76   |         | ppb   |
| Terbium    | 159-1 |          |          |          | 106        |         | %     |
| Terbium    | 159-2 |          |          |          | 96         |         | %     |
| Thallium   | 203-1 | 0.17     | 0.20     | 0.16     | 0.18       | 11.40   | ppb   |
| Thallium   | 205-1 | 0.18     | 0.17     | 0.20     | 0.19       | 8.42    | ppb   |
| Tin        | 118-1 | 0.65     | 0.63     | 0.58     | 0.62       | 5.89    | ppb   |
| Titanium   | 47-1  | 20.15    | 22.17    | 15.57    | 19.30      | 17.55   | ppb   |
| Uranium    | 238-1 | 2.46     | 2.46     | 2.50     | 2.47       | 0.93    | ppb   |
| Vanadium   | 51-2  | 31.75    | 32.95    | 36.50    | 33.73      | 7.32    | ppb   |
| Yttrium    | 89-1  |          |          |          | 108        |         | %     |
| Yttrium    | 89-2  |          |          |          | 97         |         | %     |
| Zinc       | 66-2  | 40.81    | 38.85    | 45.76    | 41.81      | 8.52    | ppb   |
| Zirconium  | 90-1  | 0.69     | 0.71     | 0.80     | 0.74       | 7.93    | ppb   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB92809             | Operator :        | Jaswal    |
| Lab Sample ID :         | J1224-06            | Instrumnet Name : | P8        |
| Client Sample ID :      | MF6A08              | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2018-01-22 16:38:38 | DataFile Name :   | 053SMPL.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|-----------|------|---------|---------|---------|------------|---------|-------|
| Zirconium | 91-1 | 0.70    | 0.59    | 0.63    | 0.64       | 8.86    | ppb   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB92809             | Operator :        | Jaswal    |
| Lab Sample ID :         | J1224-07            | Instrumnet Name : | P8        |
| Client Sample ID :      | MF6A09              | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2018-01-22 16:41:49 | DataFile Name :   | 054SMPL.d |

| Parameter  | Mass  | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|------------|-------|---------|---------|---------|------------|---------|-------|
| Aluminium  | 27-2  | 8295.15 | 8744.88 | 8073.61 | 8371.21    | 4.09    | ppb   |
| Antimony   | 121-1 | 0.22    | 0.25    | 0.24    | 0.23       | 6.93    | ppb   |
| Arsenic    | 75-2  | 2.69    | 2.29    | 2.14    | 2.37       | 11.84   | ppb   |
| Barium     | 135-1 | 336.83  | 361.25  | 335.52  | 344.53     | 4.21    | ppb   |
| Barium     | 137-1 | 336.86  | 363.74  | 336.57  | 345.72     | 4.51    | ppb   |
| Beryllium  | 9-1   | 1.25    | 1.26    | 1.26    | 1.26       | 0.45    | ppb   |
| Bismuth    | 209-1 |         |         |         | 106        |         | %     |
| Bismuth    | 209-2 |         |         |         | 101        |         | %     |
| Boron      | 10-1  | 4.07    | 4.15    | 3.32    | 3.85       | 11.96   | ppb   |
| Boron      | 11-1  | 3.98    | 3.44    | 3.69    | 3.70       | 7.21    | ppb   |
| Cadmium    | 111-1 | 0.56    | 0.52    | 0.53    | 0.54       | 4.35    | ppb   |
| Cadmium    | 106-1 | 0.44    | -0.30   | 0.19    | 0.11       | 346.76  | ppb   |
| Cadmium    | 108-1 | 0.55    | 0.80    | 0.67    | 0.67       | 18.13   | ppb   |
| Calcium    | 43-1  | 4026.66 | 4298.24 | 4004.24 | 4109.71    | 3.98    | ppb   |
| Calcium    | 44-1  | 3949.00 | 4215.60 | 4049.35 | 4071.32    | 3.31    | ppb   |
| Chromium   | 52-2  | 10.71   | 11.36   | 10.76   | 10.94      | 3.30    | ppb   |
| Cobalt     | 59-2  | 5.09    | 5.23    | 5.02    | 5.11       | 2.09    | ppb   |
| Copper     | 63-2  | 13.58   | 13.53   | 13.25   | 13.45      | 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 |         |         |         | 104        |         | %     |
| Holmium    | 165-2 |         |         |         | 100        |         | %     |
| Indium     | 115-1 |         |         |         | 101        |         | %     |
| Indium     | 115-2 |         |         |         | 95         |         | %     |
| Iron       | 56-2  | 6420.11 | 6605.88 | 6475.25 | 6500.41    | 1.47    | ppb   |
| Iron       | 57-2  | 6136.77 | 6313.61 | 6261.81 | 6237.40    | 1.46    | ppb   |
| Lead       | 206-1 | 31.60   | 33.34   | 32.78   | 32.57      | 2.73    | ppb   |
| Lead       | 207-1 | 28.59   | 30.35   | 29.25   | 29.40      | 3.03    | ppb   |
| Lead       | 208-1 | 29.95   | 31.90   | 30.62   | 30.82      | 3.22    | ppb   |
| Lithium    | 6-1   |         |         |         | 94         |         | %     |
| Magnesium  | 24-2  | 1273.79 | 1363.31 | 1306.92 | 1314.67    | 3.44    | ppb   |
| Manganese  | 55-2  | 429.97  | 443.49  | 425.57  | 433.01     | 2.16    | ppb   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB92809             | Operator :        | Jaswal    |
| Lab Sample ID :         | J1224-07            | Instrumnet Name : | P8        |
| Client Sample ID :      | MF6A09              | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2018-01-22 16:41:49 | DataFile Name :   | 054SMPL.d |

| Parameter  | Mass  | ConRep1  | ConRep2  | ConRep3  | Avg. Conc. | ConcRSD | Units |
|------------|-------|----------|----------|----------|------------|---------|-------|
| Molybdenum | 94-1  | 1.65     | 1.61     | 1.69     | 1.65       | 2.64    | ppb   |
| Molybdenum | 95-1  | 0.46     | 0.43     | 0.42     | 0.44       | 5.06    | ppb   |
| Molybdenum | 96-1  | 0.62     | 0.61     | 0.59     | 0.61       | 2.31    | ppb   |
| Molybdenum | 97-1  | 0.48     | 0.35     | 0.47     | 0.43       | 17.06   | ppb   |
| Molybdenum | 98-1  | 0.39     | 0.49     | 0.45     | 0.44       | 10.92   | ppb   |
| Neodymium  | 150-1 |          |          |          |            |         | cps   |
| Neodymium  | 150-2 |          |          |          |            |         | cps   |
| Nickel     | 60-2  | 8.24     | 7.71     | 7.72     | 7.89       | 3.80    | ppb   |
| Phosphorus | 31-2  | 332.65   | 695.44   | 786.29   | 604.79     | 39.69   | ppb   |
| Potassium  | 39-2  | 647.77   | 680.76   | 683.76   | 670.76     | 2.98    | ppb   |
| Rhodium    | 103-1 |          |          |          | 99         |         | %     |
| Rhodium    | 103-2 |          |          |          | 97         |         | %     |
| Scandium   | 45-1  |          |          |          | 94         |         | %     |
| Scandium   | 45-2  |          |          |          | 88         |         | %     |
| Selenium   | 77-2  | 78.91    | 43.27    | 79.72    | 67.30      | 30.93   | ppb   |
| Selenium   | 78-2  | 8.53     | 10.93    | 9.81     | 9.76       | 12.28   | ppb   |
| Selenium   | 82-1  | 0.98     | 0.38     | 0.53     | 0.63       | 50.00   | ppb   |
| Silicon    | 28-1  | 1913.81  | 1996.84  | 1994.09  | 1968.25    | 2.40    | ppb   |
| Silver     | 109-1 | 0.14     | 0.16     | 0.12     | 0.14       | 12.08   | ppb   |
| Silver     | 107-1 | 0.13     | 0.13     | 0.17     | 0.14       | 14.67   | ppb   |
| Sodium     | 23-2  | 108.91   | 129.36   | 119.30   | 119.19     | 8.58    | ppb   |
| Strontium  | 86-1  | 24.78    | 26.34    | 24.24    | 25.12      | 4.35    | ppb   |
| Strontium  | 88-1  | 25.69    | 26.44    | 25.21    | 25.78      | 2.41    | ppb   |
| Sulfur     | 34-1  | -3754.72 | -2739.62 | -3336.33 | -3276.89   |         | ppb   |
| Terbium    | 159-1 |          |          |          | 103        |         | %     |
| Terbium    | 159-2 |          |          |          | 99         |         | %     |
| Thallium   | 203-1 | 0.16     | 0.12     | 0.15     | 0.14       | 13.96   | ppb   |
| Thallium   | 205-1 | 0.15     | 0.17     | 0.14     | 0.15       | 11.20   | ppb   |
| Tin        | 118-1 | 0.64     | 0.63     | 0.58     | 0.62       | 5.21    | ppb   |
| Titanium   | 47-1  | 20.01    | 30.72    | 20.66    | 23.80      | 25.23   | ppb   |
| Uranium    | 238-1 | 1.71     | 1.84     | 1.72     | 1.76       | 3.95    | ppb   |
| Vanadium   | 51-2  | 24.22    | 25.05    | 23.90    | 24.39      | 2.42    | ppb   |
| Yttrium    | 89-1  |          |          |          | 106        |         | %     |
| Yttrium    | 89-2  |          |          |          | 99         |         | %     |
| Zinc       | 66-2  | 49.92    | 54.49    | 52.33    | 52.25      | 4.37    | ppb   |
| Zirconium  | 90-1  | 0.91     | 1.00     | 0.95     | 0.95       | 4.45    | ppb   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB92809             | Operator :        | Jaswal    |
| Lab Sample ID :         | J1224-07            | Instrumnet Name : | P8        |
| Client Sample ID :      | MF6A09              | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2018-01-22 16:41:49 | DataFile Name :   | 054SMPL.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|-----------|------|---------|---------|---------|------------|---------|-------|
| Zirconium | 91-1 | 0.84    | 1.04    | 0.78    | 0.89       | 15.17   | ppb   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB92809             | Operator :        | Jaswal    |
| Lab Sample ID :         | J1224-08            | Instrumnet Name : | P8        |
| Client Sample ID :      | MF6A10              | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2018-01-22 16:45:00 | DataFile Name :   | 055SMPL.d |

| Parameter  | Mass  | ConRep1  | ConRep2  | ConRep3  | Avg. Conc. | ConcRSD | Units |
|------------|-------|----------|----------|----------|------------|---------|-------|
| Aluminium  | 27-2  | 17212.35 | 16667.97 | 16381.58 | 16753.97   | 2.52    | ppb   |
| Antimony   | 121-1 | 0.27     | 0.28     | 0.28     | 0.28       | 1.86    | ppb   |
| Arsenic    | 75-2  | 4.83     | 4.94     | 4.50     | 4.76       | 4.81    | ppb   |
| Barium     | 135-1 | 568.25   | 562.76   | 563.87   | 564.96     | 0.51    | ppb   |
| Barium     | 137-1 | 582.74   | 587.81   | 581.74   | 584.10     | 0.56    | ppb   |
| Beryllium  | 9-1   | 1.86     | 1.88     | 1.84     | 1.86       | 1.03    | ppb   |
| Bismuth    | 209-1 |          |          |          | 112        |         | %     |
| Bismuth    | 209-2 |          |          |          | 103        |         | %     |
| Boron      | 10-1  | 4.09     | 5.38     | 4.51     | 4.66       | 14.17   | ppb   |
| Boron      | 11-1  | 5.20     | 4.83     | 4.14     | 4.73       | 11.37   | ppb   |
| Cadmium    | 111-1 | 0.66     | 0.58     | 0.66     | 0.63       | 7.54    | ppb   |
| Cadmium    | 106-1 | 0.87     | -0.09    | 0.78     | 0.52       | 101.36  | ppb   |
| Cadmium    | 108-1 | 1.18     | 0.99     | 0.78     | 0.98       | 20.26   | ppb   |
| Calcium    | 43-1  | 8210.86  | 8310.13  | 8414.17  | 8311.72    | 1.22    | ppb   |
| Calcium    | 44-1  | 8439.64  | 8609.61  | 8601.97  | 8550.41    | 1.12    | ppb   |
| Chromium   | 52-2  | 20.64    | 20.92    | 20.86    | 20.81      | 0.72    | ppb   |
| Cobalt     | 59-2  | 8.00     | 8.35     | 8.14     | 8.16       | 2.13    | ppb   |
| Copper     | 63-2  | 32.58    | 32.04    | 31.52    | 32.05      | 1.66    | ppb   |
| Dysprosium | 156-1 |          |          |          |            |         | cps   |
| Dysprosium | 156-2 |          |          |          |            |         | cps   |
| Erbium     | 164-1 |          |          |          |            |         | cps   |
| Erbium     | 164-2 |          |          |          |            |         | cps   |
| Gadolinium | 160-1 |          |          |          |            |         | cps   |
| Gadolinium | 160-2 |          |          |          |            |         | cps   |
| Holmium    | 165-1 |          |          |          | 110        |         | %     |
| Holmium    | 165-2 |          |          |          | 103        |         | %     |
| Indium     | 115-1 |          |          |          | 106        |         | %     |
| Indium     | 115-2 |          |          |          | 96         |         | %     |
| Iron       | 56-2  | 13585.53 | 13545.49 | 13207.91 | 13446.31   | 1.54    | ppb   |
| Iron       | 57-2  | 13323.08 | 13009.75 | 12728.25 | 13020.36   | 2.29    | ppb   |
| Lead       | 206-1 | 59.86    | 58.76    | 59.37    | 59.33      | 0.93    | ppb   |
| Lead       | 207-1 | 54.42    | 53.46    | 53.85    | 53.91      | 0.90    | ppb   |
| Lead       | 208-1 | 56.76    | 55.87    | 56.25    | 56.29      | 0.80    | ppb   |
| Lithium    | 6-1   |          |          |          | 98         |         | %     |
| Magnesium  | 24-2  | 2547.23  | 2498.24  | 2447.85  | 2497.77    | 1.99    | ppb   |
| Manganese  | 55-2  | 750.85   | 750.66   | 728.13   | 743.22     | 1.76    | ppb   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB92809             | Operator :        | Jaswal    |
| Lab Sample ID :         | J1224-08            | Instrumnet Name : | P8        |
| Client Sample ID :      | MF6A10              | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2018-01-22 16:45:00 | DataFile Name :   | 055SMPL.d |

| Parameter  | Mass  | ConRep1  | ConRep2  | ConRep3  | Avg. Conc. | ConcRSD | Units |
|------------|-------|----------|----------|----------|------------|---------|-------|
| Molybdenum | 94-1  | 3.73     | 3.51     | 3.27     | 3.50       | 6.66    | ppb   |
| Molybdenum | 95-1  | 0.77     | 0.84     | 0.78     | 0.80       | 4.95    | ppb   |
| Molybdenum | 96-1  | 1.15     | 1.14     | 1.17     | 1.15       | 1.25    | ppb   |
| Molybdenum | 97-1  | 0.82     | 0.86     | 0.85     | 0.84       | 2.73    | ppb   |
| Molybdenum | 98-1  | 0.80     | 0.79     | 0.83     | 0.81       | 2.62    | ppb   |
| Neodymium  | 150-1 |          |          |          |            |         | cps   |
| Neodymium  | 150-2 |          |          |          |            |         | cps   |
| Nickel     | 60-2  | 13.86    | 14.40    | 13.61    | 13.96      | 2.87    | ppb   |
| Phosphorus | 31-2  | 1110.00  | 917.86   | 700.83   | 909.56     | 22.51   | ppb   |
| Potassium  | 39-2  | 1287.64  | 1285.09  | 1216.83  | 1263.19    | 3.18    | ppb   |
| Rhodium    | 103-1 |          |          |          | 103        |         | %     |
| Rhodium    | 103-2 |          |          |          | 99         |         | %     |
| Scandium   | 45-1  |          |          |          | 99         |         | %     |
| Scandium   | 45-2  |          |          |          | 88         |         | %     |
| Selenium   | 77-2  | 141.28   | 149.99   | 95.41    | 128.89     | 22.75   | ppb   |
| Selenium   | 78-2  | 18.87    | 13.60    | 9.18     | 13.88      | 34.95   | ppb   |
| Selenium   | 82-1  | 1.71     | 2.31     | 2.21     | 2.08       | 15.60   | ppb   |
| Silicon    | 28-1  | 2883.58  | 2937.21  | 3342.02  | 3054.27    | 8.21    | ppb   |
| Silver     | 109-1 | 0.23     | 0.22     | 0.24     | 0.23       | 3.90    | ppb   |
| Silver     | 107-1 | 0.22     | 0.21     | 0.21     | 0.22       | 2.98    | ppb   |
| Sodium     | 23-2  | 243.93   | 237.76   | 227.01   | 236.23     | 3.63    | ppb   |
| Strontium  | 86-1  | 46.59    | 46.15    | 46.15    | 46.30      | 0.55    | ppb   |
| Strontium  | 88-1  | 47.75    | 47.02    | 46.94    | 47.24      | 0.94    | ppb   |
| Sulfur     | 34-1  | -3057.42 | -3176.32 | -3242.78 | -3158.84   |         | ppb   |
| Terbium    | 159-1 |          |          |          | 110        |         | %     |
| Terbium    | 159-2 |          |          |          | 102        |         | %     |
| Thallium   | 203-1 | 0.25     | 0.26     | 0.25     | 0.25       | 3.72    | ppb   |
| Thallium   | 205-1 | 0.26     | 0.24     | 0.25     | 0.25       | 4.45    | ppb   |
| Tin        | 118-1 | 1.06     | 1.05     | 1.16     | 1.09       | 5.29    | ppb   |
| Titanium   | 47-1  | 32.25    | 25.98    | 103.12   | 53.78      | 79.65   | ppb   |
| Uranium    | 238-1 | 3.70     | 3.63     | 3.59     | 3.64       | 1.67    | ppb   |
| Vanadium   | 51-2  | 53.59    | 53.50    | 49.64    | 52.24      | 4.32    | ppb   |
| Yttrium    | 89-1  |          |          |          | 117        |         | %     |
| Yttrium    | 89-2  |          |          |          | 105        |         | %     |
| Zinc       | 66-2  | 100.28   | 100.15   | 99.13    | 99.85      | 0.63    | ppb   |
| Zirconium  | 90-1  | 2.17     | 1.83     | 1.71     | 1.90       | 12.47   | ppb   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB92809             | Operator :        | Jaswal    |
| Lab Sample ID :         | J1224-08            | Instrumnet Name : | P8        |
| Client Sample ID :      | MF6A10              | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2018-01-22 16:45:00 | DataFile Name :   | 055SMPL.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|-----------|------|---------|---------|---------|------------|---------|-------|
| Zirconium | 91-1 | 1.58    | 1.66    | 1.64    | 1.63       | 2.41    | ppb   |



|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB92809             | Operator :        | Jaswal    |
| Lab Sample ID :         | J1224-09            | Instrumnet Name : | P8        |
| Client Sample ID :      | MF6A11              | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2018-01-22 16:48:10 | DataFile Name :   | 056SMPL.d |

| Parameter  | Mass  | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|------------|-------|---------|---------|---------|------------|---------|-------|
| Aluminium  | 27-2  | 9032.18 | 9247.52 | 8810.73 | 9030.14    | 2.42    | ppb   |
| Antimony   | 121-1 | 0.21    | 0.19    | 0.20    | 0.20       | 2.98    | ppb   |
| Arsenic    | 75-2  | 2.32    | 2.32    | 1.88    | 2.17       | 11.81   | ppb   |
| Barium     | 135-1 | 268.66  | 271.94  | 269.37  | 269.99     | 0.64    | ppb   |
| Barium     | 137-1 | 266.50  | 273.33  | 267.59  | 269.14     | 1.36    | ppb   |
| Beryllium  | 9-1   | 1.08    | 0.90    | 1.09    | 1.02       | 10.51   | ppb   |
| Bismuth    | 209-1 |         |         |         | 112        |         | %     |
| Bismuth    | 209-2 |         |         |         | 102        |         | %     |
| Boron      | 10-1  | 2.11    | 1.67    | 1.57    | 1.78       | 16.15   | ppb   |
| Boron      | 11-1  | 1.95    | 2.15    | 2.02    | 2.04       | 4.99    | ppb   |
| Cadmium    | 111-1 | 0.33    | 0.34    | 0.27    | 0.32       | 11.78   | ppb   |
| Cadmium    | 106-1 | 0.72    | -0.23   | -0.53   | -0.01      |         | ppb   |
| Cadmium    | 108-1 | 0.50    | 0.43    | 0.54    | 0.49       | 10.75   | ppb   |
| Calcium    | 43-1  | 2559.41 | 2650.00 | 2610.05 | 2606.49    | 1.74    | ppb   |
| Calcium    | 44-1  | 2588.39 | 2628.83 | 2601.31 | 2606.18    | 0.79    | ppb   |
| Chromium   | 52-2  | 11.70   | 11.53   | 11.24   | 11.49      | 2.02    | ppb   |
| Cobalt     | 59-2  | 5.22    | 5.25    | 4.90    | 5.12       | 3.73    | ppb   |
| Copper     | 63-2  | 12.93   | 13.11   | 12.93   | 12.99      | 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 |         |         |         | 110        |         | %     |
| Holmium    | 165-2 |         |         |         | 101        |         | %     |
| Indium     | 115-1 |         |         |         | 106        |         | %     |
| Indium     | 115-2 |         |         |         | 95         |         | %     |
| Iron       | 56-2  | 7295.72 | 7541.05 | 7048.09 | 7294.96    | 3.38    | ppb   |
| Iron       | 57-2  | 6877.80 | 6880.85 | 6733.73 | 6830.79    | 1.23    | ppb   |
| Lead       | 206-1 | 34.25   | 33.94   | 34.64   | 34.28      | 1.03    | ppb   |
| Lead       | 207-1 | 30.93   | 30.90   | 31.53   | 31.12      | 1.13    | ppb   |
| Lead       | 208-1 | 32.50   | 32.42   | 32.96   | 32.63      | 0.90    | ppb   |
| Lithium    | 6-1   |         |         |         | 98         |         | %     |
| Magnesium  | 24-2  | 1304.31 | 1236.48 | 1293.64 | 1278.14    | 2.85    | ppb   |
| Manganese  | 55-2  | 371.52  | 371.97  | 364.26  | 369.25     | 1.17    | ppb   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB92809             | Operator :        | Jaswal    |
| Lab Sample ID :         | J1224-09            | Instrumnet Name : | P8        |
| Client Sample ID :      | MF6A11              | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2018-01-22 16:48:10 | DataFile Name :   | 056SMPL.d |

| Parameter  | Mass  | ConRep1  | ConRep2  | ConRep3  | Avg. Conc. | ConcRSD | Units |
|------------|-------|----------|----------|----------|------------|---------|-------|
| Molybdenum | 94-1  | 1.42     | 1.50     | 1.72     | 1.55       | 9.93    | ppb   |
| Molybdenum | 95-1  | 0.37     | 0.40     | 0.33     | 0.36       | 9.84    | ppb   |
| Molybdenum | 96-1  | 0.52     | 0.50     | 0.49     | 0.50       | 2.40    | ppb   |
| Molybdenum | 97-1  | 0.44     | 0.35     | 0.37     | 0.39       | 11.59   | ppb   |
| Molybdenum | 98-1  | 0.33     | 0.34     | 0.35     | 0.34       | 3.17    | ppb   |
| Neodymium  | 150-1 |          |          |          |            |         | cps   |
| Neodymium  | 150-2 |          |          |          |            |         | cps   |
| Nickel     | 60-2  | 6.51     | 7.12     | 6.38     | 6.67       | 5.95    | ppb   |
| Phosphorus | 31-2  | 646.04   | 446.15   | 433.93   | 508.70     | 23.41   | ppb   |
| Potassium  | 39-2  | 492.01   | 568.17   | 575.54   | 545.24     | 8.48    | ppb   |
| Rhodium    | 103-1 |          |          |          | 104        |         | %     |
| Rhodium    | 103-2 |          |          |          | 99         |         | %     |
| Scandium   | 45-1  |          |          |          | 99         |         | %     |
| Scandium   | 45-2  |          |          |          | 88         |         | %     |
| Selenium   | 77-2  | 72.35    | 93.01    | 99.71    | 88.36      | 16.14   | ppb   |
| Selenium   | 78-2  | 6.27     | 13.15    | 6.16     | 8.53       | 46.99   | ppb   |
| Selenium   | 82-1  | 1.34     | 0.44     | 1.21     | 1.00       | 48.58   | ppb   |
| Silicon    | 28-1  | 1721.53  | 2268.09  | 1740.68  | 1910.10    | 16.24   | ppb   |
| Silver     | 109-1 | 0.12     | 0.15     | 0.14     | 0.14       | 11.51   | ppb   |
| Silver     | 107-1 | 0.12     | 0.14     | 0.13     | 0.13       | 6.26    | ppb   |
| Sodium     | 23-2  | 135.58   | 124.63   | 115.96   | 125.39     | 7.84    | ppb   |
| Strontium  | 86-1  | 21.22    | 19.19    | 19.56    | 19.99      | 5.41    | ppb   |
| Strontium  | 88-1  | 19.11    | 19.33    | 18.92    | 19.12      | 1.07    | ppb   |
| Sulfur     | 34-1  | -5165.03 | -5036.23 | -5067.19 | -5089.48   |         | ppb   |
| Terbium    | 159-1 |          |          |          | 109        |         | %     |
| Terbium    | 159-2 |          |          |          | 101        |         | %     |
| Thallium   | 203-1 | 0.16     | 0.18     | 0.15     | 0.16       | 7.67    | ppb   |
| Thallium   | 205-1 | 0.15     | 0.15     | 0.16     | 0.15       | 6.33    | ppb   |
| Tin        | 118-1 | 0.65     | 0.66     | 0.64     | 0.65       | 1.45    | ppb   |
| Titanium   | 47-1  | 26.88    | 19.59    | 52.11    | 32.86      | 51.92   | ppb   |
| Uranium    | 238-1 | 1.90     | 1.82     | 1.88     | 1.87       | 2.17    | ppb   |
| Vanadium   | 51-2  | 21.80    | 23.35    | 22.09    | 22.41      | 3.68    | ppb   |
| Yttrium    | 89-1  |          |          |          | 111        |         | %     |
| Yttrium    | 89-2  |          |          |          | 99         |         | %     |
| Zinc       | 66-2  | 40.09    | 39.13    | 38.03    | 39.08      | 2.64    | ppb   |
| Zirconium  | 90-1  | 0.95     | 0.85     | 0.78     | 0.86       | 10.00   | ppb   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB92809             | Operator :        | Jaswal    |
| Lab Sample ID :         | J1224-09            | Instrumnet Name : | P8        |
| Client Sample ID :      | MF6A11              | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2018-01-22 16:48:10 | DataFile Name :   | 056SMPL.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|-----------|------|---------|---------|---------|------------|---------|-------|
| Zirconium | 91-1 | 0.80    | 0.74    | 0.77    | 0.77       | 4.25    | ppb   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB92809             | Operator :        | Jaswal    |
| Lab Sample ID :         | J1224-10            | Instrumnet Name : | P8        |
| Client Sample ID :      | MF6A12              | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2018-01-22 16:51:20 | DataFile Name :   | 057SMPL.d |

| Parameter  | Mass  | ConRep1  | ConRep2  | ConRep3  | Avg. Conc. | ConcRSD | Units |
|------------|-------|----------|----------|----------|------------|---------|-------|
| Aluminium  | 27-2  | 13742.94 | 13408.16 | 14463.70 | 13871.60   | 3.89    | ppb   |
| Antimony   | 121-1 | 0.24     | 0.24     | 0.23     | 0.24       | 2.35    | ppb   |
| Arsenic    | 75-2  | 7.71     | 7.08     | 6.50     | 7.10       | 8.57    | ppb   |
| Barium     | 135-1 | 388.57   | 390.70   | 386.22   | 388.50     | 0.58    | ppb   |
| Barium     | 137-1 | 388.23   | 391.29   | 391.44   | 390.32     | 0.46    | ppb   |
| Beryllium  | 9-1   | 1.52     | 1.62     | 1.46     | 1.53       | 5.30    | ppb   |
| Bismuth    | 209-1 |          |          |          | 112        |         | %     |
| Bismuth    | 209-2 |          |          |          | 101        |         | %     |
| Boron      | 10-1  | 1.04     | 2.47     | 1.84     | 1.78       | 40.28   | ppb   |
| Boron      | 11-1  | 1.98     | 2.43     | 1.72     | 2.04       | 17.64   | ppb   |
| Cadmium    | 111-1 | 0.26     | 0.24     | 0.30     | 0.27       | 12.19   | ppb   |
| Cadmium    | 106-1 | 0.21     | -0.12    | 0.74     | 0.28       | 154.83  | ppb   |
| Cadmium    | 108-1 | 0.39     | 0.50     | 0.25     | 0.38       | 33.11   | ppb   |
| Calcium    | 43-1  | 4262.25  | 4042.49  | 4173.36  | 4159.37    | 2.66    | ppb   |
| Calcium    | 44-1  | 4217.26  | 4164.59  | 4156.35  | 4179.40    | 0.79    | ppb   |
| Chromium   | 52-2  | 16.99    | 16.81    | 19.03    | 17.61      | 6.99    | ppb   |
| Cobalt     | 59-2  | 17.73    | 17.24    | 19.50    | 18.16      | 6.54    | ppb   |
| Copper     | 63-2  | 40.37    | 39.80    | 42.99    | 41.05      | 4.14    | ppb   |
| Dysprosium | 156-1 |          |          |          |            |         | cps   |
| Dysprosium | 156-2 |          |          |          |            |         | cps   |
| Erbium     | 164-1 |          |          |          |            |         | cps   |
| Erbium     | 164-2 |          |          |          |            |         | cps   |
| Gadolinium | 160-1 |          |          |          |            |         | cps   |
| Gadolinium | 160-2 |          |          |          |            |         | cps   |
| Holmium    | 165-1 |          |          |          | 110        |         | %     |
| Holmium    | 165-2 |          |          |          | 101        |         | %     |
| Indium     | 115-1 |          |          |          | 105        |         | %     |
| Indium     | 115-2 |          |          |          | 94         |         | %     |
| Iron       | 56-2  | 19921.80 | 19308.55 | 21304.69 | 20178.35   | 5.07    | ppb   |
| Iron       | 57-2  | 19445.96 | 18682.12 | 20548.65 | 19558.91   | 4.80    | ppb   |
| Lead       | 206-1 | 57.87    | 57.37    | 57.70    | 57.65      | 0.43    | ppb   |
| Lead       | 207-1 | 52.34    | 52.45    | 52.46    | 52.42      | 0.13    | ppb   |
| Lead       | 208-1 | 54.70    | 54.52    | 54.64    | 54.62      | 0.17    | ppb   |
| Lithium    | 6-1   |          |          |          | 98         |         | %     |
| Magnesium  | 24-2  | 2103.49  | 2092.35  | 2338.79  | 2178.21    | 6.39    | ppb   |
| Manganese  | 55-2  | 2254.27  | 2173.11  | 2378.85  | 2268.75    | 4.57    | ppb   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB92809             | Operator :        | Jaswal    |
| Lab Sample ID :         | J1224-10            | Instrumnet Name : | P8        |
| Client Sample ID :      | MF6A12              | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2018-01-22 16:51:20 | DataFile Name :   | 057SMPL.d |

| Parameter  | Mass  | ConRep1  | ConRep2  | ConRep3  | Avg. Conc. | ConcRSD | Units |
|------------|-------|----------|----------|----------|------------|---------|-------|
| Molybdenum | 94-1  | 2.67     | 2.43     | 2.73     | 2.61       | 6.13    | ppb   |
| Molybdenum | 95-1  | 0.72     | 0.71     | 0.72     | 0.72       | 0.84    | ppb   |
| Molybdenum | 96-1  | 0.90     | 0.98     | 0.84     | 0.91       | 8.03    | ppb   |
| Molybdenum | 97-1  | 0.60     | 0.74     | 0.71     | 0.68       | 10.58   | ppb   |
| Molybdenum | 98-1  | 0.65     | 0.61     | 0.74     | 0.67       | 9.83    | ppb   |
| Neodymium  | 150-1 |          |          |          |            |         | cps   |
| Neodymium  | 150-2 |          |          |          |            |         | cps   |
| Nickel     | 60-2  | 11.43    | 11.29    | 12.25    | 11.66      | 4.45    | ppb   |
| Phosphorus | 31-2  | 441.06   | 528.28   | 916.92   | 628.75     | 40.29   | ppb   |
| Potassium  | 39-2  | 691.27   | 637.31   | 713.56   | 680.71     | 5.76    | ppb   |
| Rhodium    | 103-1 |          |          |          | 104        |         | %     |
| Rhodium    | 103-2 |          |          |          | 97         |         | %     |
| Scandium   | 45-1  |          |          |          | 100        |         | %     |
| Scandium   | 45-2  |          |          |          | 87         |         | %     |
| Selenium   | 77-2  | 55.35    | 76.16    | 94.92    | 75.48      | 26.22   | ppb   |
| Selenium   | 78-2  | 11.57    | 10.46    | 8.70     | 10.24      | 14.13   | ppb   |
| Selenium   | 82-1  | 1.87     | 2.23     | 1.57     | 1.89       | 17.35   | ppb   |
| Silicon    | 28-1  | 1405.12  | 1449.60  | 1384.70  | 1413.14    | 2.35    | ppb   |
| Silver     | 109-1 | 0.24     | 0.22     | 0.22     | 0.22       | 4.89    | ppb   |
| Silver     | 107-1 | 0.24     | 0.22     | 0.23     | 0.23       | 4.74    | ppb   |
| Sodium     | 23-2  | 106.10   | 101.02   | 118.80   | 108.64     | 8.43    | ppb   |
| Strontium  | 86-1  | 24.98    | 25.06    | 25.61    | 25.22      | 1.36    | ppb   |
| Strontium  | 88-1  | 25.93    | 25.83    | 26.22    | 26.00      | 0.78    | ppb   |
| Sulfur     | 34-1  | -5043.14 | -5287.96 | -5130.23 | -5153.78   |         | ppb   |
| Terbium    | 159-1 |          |          |          | 109        |         | %     |
| Terbium    | 159-2 |          |          |          | 100        |         | %     |
| Thallium   | 203-1 | 0.23     | 0.26     | 0.23     | 0.24       | 7.88    | ppb   |
| Thallium   | 205-1 | 0.23     | 0.26     | 0.24     | 0.24       | 6.39    | ppb   |
| Tin        | 118-1 | 0.96     | 0.93     | 0.95     | 0.94       | 1.47    | ppb   |
| Titanium   | 47-1  | 25.52    | 17.77    | 15.62    | 19.64      | 26.53   | ppb   |
| Uranium    | 238-1 | 2.49     | 2.48     | 2.44     | 2.47       | 1.13    | ppb   |
| Vanadium   | 51-2  | 38.37    | 38.12    | 42.30    | 39.60      | 5.92    | ppb   |
| Yttrium    | 89-1  |          |          |          | 113        |         | %     |
| Yttrium    | 89-2  |          |          |          | 101        |         | %     |
| Zinc       | 66-2  | 69.23    | 66.56    | 71.74    | 69.18      | 3.74    | ppb   |
| Zirconium  | 90-1  | 1.25     | 1.30     | 1.40     | 1.32       | 5.51    | ppb   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB92809             | Operator :        | Jaswal    |
| Lab Sample ID :         | J1224-10            | Instrumnet Name : | P8        |
| Client Sample ID :      | MF6A12              | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2018-01-22 16:51:20 | DataFile Name :   | 057SMPL.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|-----------|------|---------|---------|---------|------------|---------|-------|
| Zirconium | 91-1 | 1.28    | 1.17    | 1.45    | 1.30       | 10.89   | ppb   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB92809             | Operator :        | Jaswal    |
| Lab Sample ID :         | J1224-11            | Instrumnet Name : | P8        |
| Client Sample ID :      | MF6A16              | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2018-01-22 16:54:30 | DataFile Name :   | 058SMPL.d |

| Parameter  | Mass  | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|------------|-------|---------|---------|---------|------------|---------|-------|
| Aluminium  | 27-2  | 8498.77 | 8513.67 | 8310.00 | 8440.81    | 1.35    | ppb   |
| Antimony   | 121-1 | 0.16    | 0.17    | 0.15    | 0.16       | 7.75    | ppb   |
| Arsenic    | 75-2  | 1.59    | 1.69    | 1.55    | 1.61       | 4.33    | ppb   |
| Barium     | 135-1 | 360.06  | 354.26  | 357.13  | 357.15     | 0.81    | ppb   |
| Barium     | 137-1 | 358.82  | 356.61  | 361.10  | 358.84     | 0.62    | ppb   |
| Beryllium  | 9-1   | 0.94    | 1.09    | 0.90    | 0.98       | 10.42   | ppb   |
| Bismuth    | 209-1 |         |         |         | 112        |         | %     |
| Bismuth    | 209-2 |         |         |         | 103        |         | %     |
| Boron      | 10-1  | 2.61    | 3.12    | 2.19    | 2.64       | 17.54   | ppb   |
| Boron      | 11-1  | 3.04    | 2.73    | 2.94    | 2.90       | 5.40    | ppb   |
| Cadmium    | 111-1 | 0.26    | 0.26    | 0.18    | 0.23       | 19.40   | ppb   |
| Cadmium    | 106-1 | -1.08   | -0.25   | -0.66   | -0.66      |         | ppb   |
| Cadmium    | 108-1 | 0.29    | 0.28    | 0.32    | 0.30       | 7.69    | ppb   |
| Calcium    | 43-1  | 4059.67 | 4083.36 | 4098.84 | 4080.62    | 0.48    | ppb   |
| Calcium    | 44-1  | 4124.89 | 4096.86 | 4100.91 | 4107.55    | 0.37    | ppb   |
| Chromium   | 52-2  | 14.65   | 14.64   | 14.50   | 14.60      | 0.58    | ppb   |
| Cobalt     | 59-2  | 3.70    | 3.97    | 3.78    | 3.82       | 3.67    | ppb   |
| Copper     | 63-2  | 7.72    | 7.72    | 7.94    | 7.79       | 1.65    | ppb   |
| Dysprosium | 156-1 |         |         |         |            |         | cps   |
| Dysprosium | 156-2 |         |         |         |            |         | cps   |
| Erbium     | 164-1 |         |         |         |            |         | cps   |
| Erbium     | 164-2 |         |         |         |            |         | cps   |
| Gadolinium | 160-1 |         |         |         |            |         | cps   |
| Gadolinium | 160-2 |         |         |         |            |         | cps   |
| Holmium    | 165-1 |         |         |         | 109        |         | %     |
| Holmium    | 165-2 |         |         |         | 102        |         | %     |
| Indium     | 115-1 |         |         |         | 105        |         | %     |
| Indium     | 115-2 |         |         |         | 96         |         | %     |
| Iron       | 56-2  | 5592.41 | 5596.44 | 5690.66 | 5626.50    | 0.99    | ppb   |
| Iron       | 57-2  | 5311.37 | 5242.61 | 5511.64 | 5355.21    | 2.61    | ppb   |
| Lead       | 206-1 | 28.58   | 28.50   | 28.38   | 28.49      | 0.35    | ppb   |
| Lead       | 207-1 | 25.77   | 25.81   | 25.82   | 25.80      | 0.10    | ppb   |
| Lead       | 208-1 | 26.95   | 26.86   | 26.93   | 26.91      | 0.19    | ppb   |
| Lithium    | 6-1   |         |         |         | 98         |         | %     |
| Magnesium  | 24-2  | 1214.44 | 1212.66 | 1235.51 | 1220.87    | 1.04    | ppb   |
| Manganese  | 55-2  | 264.97  | 267.78  | 274.84  | 269.19     | 1.89    | ppb   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB92809             | Operator :        | Jaswal    |
| Lab Sample ID :         | J1224-11            | Instrumnet Name : | P8        |
| Client Sample ID :      | MF6A16              | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2018-01-22 16:54:30 | DataFile Name :   | 058SMPL.d |

| Parameter  | Mass  | ConRep1  | ConRep2  | ConRep3  | Avg. Conc. | ConcRSD | Units |
|------------|-------|----------|----------|----------|------------|---------|-------|
| Molybdenum | 94-1  | 1.70     | 1.75     | 1.87     | 1.77       | 4.78    | ppb   |
| Molybdenum | 95-1  | 0.32     | 0.38     | 0.42     | 0.37       | 13.77   | ppb   |
| Molybdenum | 96-1  | 0.59     | 1.78     | 0.60     | 0.99       | 68.89   | ppb   |
| Molybdenum | 97-1  | 0.38     | 0.39     | 0.42     | 0.39       | 5.70    | ppb   |
| Molybdenum | 98-1  | 0.36     | 0.35     | 0.36     | 0.36       | 1.09    | ppb   |
| Neodymium  | 150-1 |          |          |          |            |         | cps   |
| Neodymium  | 150-2 |          |          |          |            |         | cps   |
| Nickel     | 60-2  | 7.97     | 8.34     | 8.53     | 8.28       | 3.46    | ppb   |
| Phosphorus | 31-2  | 676.90   | 711.02   | 696.12   | 694.68     | 2.46    | ppb   |
| Potassium  | 39-2  | 663.15   | 581.22   | 694.93   | 646.43     | 9.08    | ppb   |
| Rhodium    | 103-1 |          |          |          | 104        |         | %     |
| Rhodium    | 103-2 |          |          |          | 100        |         | %     |
| Scandium   | 45-1  |          |          |          | 99         |         | %     |
| Scandium   | 45-2  |          |          |          | 88         |         | %     |
| Selenium   | 77-2  | 28.41    | 14.35    | 49.92    | 30.89      | 57.99   | ppb   |
| Selenium   | 78-2  | 8.44     | 10.86    | 7.32     | 8.88       | 20.35   | ppb   |
| Selenium   | 82-1  | 1.23     | 1.06     | 1.74     | 1.34       | 26.55   | ppb   |
| Silicon    | 28-1  | 2518.58  | 3351.50  | 2096.99  | 2655.69    | 24.04   | ppb   |
| Silver     | 109-1 | 0.09     | 0.11     | 0.13     | 0.11       | 16.76   | ppb   |
| Silver     | 107-1 | 0.11     | 0.12     | 0.12     | 0.12       | 4.09    | ppb   |
| Sodium     | 23-2  | 92.81    | 114.95   | 117.15   | 108.30     | 12.43   | ppb   |
| Strontium  | 86-1  | 25.35    | 23.76    | 23.97    | 24.36      | 3.53    | ppb   |
| Strontium  | 88-1  | 24.28    | 24.63    | 24.45    | 24.45      | 0.72    | ppb   |
| Sulfur     | 34-1  | -4773.71 | -4902.23 | -4829.35 | -4835.10   |         | ppb   |
| Terbium    | 159-1 |          |          |          | 109        |         | %     |
| Terbium    | 159-2 |          |          |          | 102        |         | %     |
| Thallium   | 203-1 | 0.14     | 0.15     | 0.15     | 0.14       | 4.08    | ppb   |
| Thallium   | 205-1 | 0.13     | 0.13     | 0.14     | 0.14       | 3.25    | ppb   |
| Tin        | 118-1 | 0.54     | 0.61     | 0.59     | 0.58       | 6.93    | ppb   |
| Titanium   | 47-1  | 22.73    | 33.14    | 18.55    | 24.81      | 30.29   | ppb   |
| Uranium    | 238-1 | 1.36     | 1.39     | 1.39     | 1.38       | 1.04    | ppb   |
| Vanadium   | 51-2  | 16.04    | 16.28    | 16.45    | 16.26      | 1.26    | ppb   |
| Yttrium    | 89-1  |          |          |          | 110        |         | %     |
| Yttrium    | 89-2  |          |          |          | 100        |         | %     |
| Zinc       | 66-2  | 37.18    | 39.33    | 38.35    | 38.29      | 2.81    | ppb   |
| Zirconium  | 90-1  | 1.38     | 1.77     | 0.91     | 1.35       | 31.93   | ppb   |



|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB92809             | Operator :        | Jaswal    |
| Lab Sample ID :         | J1224-11            | Instrumnet Name : | P8        |
| Client Sample ID :      | MF6A16              | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2018-01-22 16:54:30 | DataFile Name :   | 058SMPL.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|-----------|------|---------|---------|---------|------------|---------|-------|
| Zirconium | 91-1 | 1.10    | 0.97    | 1.13    | 1.07       | 7.79    | ppb   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB92809             | Operator :        | Jaswal    |
| Lab Sample ID :         | J1224-12            | Instrumnet Name : | P8        |
| Client Sample ID :      | MF6A16D             | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2018-01-22 16:57:41 | DataFile Name :   | 059SMPL.d |

| Parameter  | Mass  | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|------------|-------|---------|---------|---------|------------|---------|-------|
| Aluminium  | 27-2  | 8646.31 | 8417.57 | 8253.35 | 8439.08    | 2.34    | ppb   |
| Antimony   | 121-1 | 0.21    | 0.17    | 0.19    | 0.19       | 8.81    | ppb   |
| Arsenic    | 75-2  | 1.81    | 1.71    | 1.83    | 1.78       | 3.58    | ppb   |
| Barium     | 135-1 | 362.04  | 358.09  | 350.96  | 357.03     | 1.57    | ppb   |
| Barium     | 137-1 | 362.94  | 360.20  | 354.55  | 359.23     | 1.19    | ppb   |
| Beryllium  | 9-1   | 0.95    | 0.97    | 1.04    | 0.99       | 4.85    | ppb   |
| Bismuth    | 209-1 |         |         |         | 111        |         | %     |
| Bismuth    | 209-2 |         |         |         | 104        |         | %     |
| Boron      | 10-1  | 2.09    | 2.30    | 1.57    | 1.99       | 18.99   | ppb   |
| Boron      | 11-1  | 2.95    | 2.32    | 2.85    | 2.71       | 12.45   | ppb   |
| Cadmium    | 111-1 | 0.23    | 0.27    | 0.30    | 0.27       | 12.80   | ppb   |
| Cadmium    | 106-1 | -0.47   | -0.57   | 0.15    | -0.30      |         | ppb   |
| Cadmium    | 108-1 | 0.36    | 0.32    | 0.46    | 0.38       | 19.36   | ppb   |
| Calcium    | 43-1  | 4210.24 | 4041.12 | 4067.35 | 4106.24    | 2.22    | ppb   |
| Calcium    | 44-1  | 4213.91 | 4068.21 | 4089.50 | 4123.87    | 1.91    | ppb   |
| Chromium   | 52-2  | 15.64   | 14.99   | 15.02   | 15.22      | 2.41    | ppb   |
| Cobalt     | 59-2  | 3.97    | 3.88    | 3.57    | 3.81       | 5.42    | ppb   |
| Copper     | 63-2  | 7.61    | 7.43    | 7.14    | 7.40       | 3.21    | ppb   |
| Dysprosium | 156-1 |         |         |         |            |         | 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 |         |         |         | 106        |         | %     |
| Indium     | 115-2 |         |         |         | 96         |         | %     |
| Iron       | 56-2  | 5706.26 | 5526.00 | 5317.17 | 5516.48    | 3.53    | ppb   |
| Iron       | 57-2  | 5453.30 | 5182.37 | 5043.00 | 5226.22    | 3.99    | ppb   |
| Lead       | 206-1 | 29.74   | 28.85   | 28.51   | 29.03      | 2.18    | ppb   |
| Lead       | 207-1 | 26.85   | 26.16   | 25.84   | 26.29      | 1.97    | ppb   |
| Lead       | 208-1 | 27.99   | 27.32   | 27.07   | 27.46      | 1.73    | ppb   |
| Lithium    | 6-1   |         |         |         | 98         |         | %     |
| Magnesium  | 24-2  | 1270.53 | 1208.08 | 1231.19 | 1236.60    | 2.55    | ppb   |
| Manganese  | 55-2  | 280.74  | 269.33  | 256.81  | 268.96     | 4.45    | ppb   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB92809             | Operator :        | Jaswal    |
| Lab Sample ID :         | J1224-12            | Instrumnet Name : | P8        |
| Client Sample ID :      | MF6A16D             | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2018-01-22 16:57:41 | DataFile Name :   | 059SMPL.d |

| Parameter  | Mass  | ConRep1  | ConRep2  | ConRep3  | Avg. Conc. | ConcRSD | Units |
|------------|-------|----------|----------|----------|------------|---------|-------|
| Molybdenum | 94-1  | 1.90     | 1.69     | 1.74     | 1.78       | 6.24    | ppb   |
| Molybdenum | 95-1  | 0.34     | 0.34     | 0.33     | 0.34       | 1.51    | ppb   |
| Molybdenum | 96-1  | 0.53     | 0.53     | 0.57     | 0.55       | 4.44    | ppb   |
| Molybdenum | 97-1  | 0.31     | 0.31     | 0.35     | 0.32       | 7.45    | ppb   |
| Molybdenum | 98-1  | 0.39     | 0.38     | 0.37     | 0.38       | 2.93    | ppb   |
| Neodymium  | 150-1 |          |          |          |            |         | cps   |
| Neodymium  | 150-2 |          |          |          |            |         | cps   |
| Nickel     | 60-2  | 8.52     | 8.45     | 8.16     | 8.38       | 2.31    | ppb   |
| Phosphorus | 31-2  | 529.84   | 789.49   | 263.55   | 527.62     | 49.84   | ppb   |
| Potassium  | 39-2  | 679.15   | 634.61   | 589.53   | 634.43     | 7.06    | ppb   |
| Rhodium    | 103-1 |          |          |          | 103        |         | %     |
| Rhodium    | 103-2 |          |          |          | 99         |         | %     |
| Scandium   | 45-1  |          |          |          | 98         |         | %     |
| Scandium   | 45-2  |          |          |          | 87         |         | %     |
| Selenium   | 77-2  | 78.66    | 43.02    | 28.55    | 50.08      | 51.50   | ppb   |
| Selenium   | 78-2  | 2.71     | 10.86    | 13.12    | 8.90       | 61.54   | ppb   |
| Selenium   | 82-1  | 0.64     | 1.33     | 0.89     | 0.95       | 36.95   | ppb   |
| Silicon    | 28-1  | 2121.41  | 2104.86  | 2079.67  | 2101.98    | 1.00    | ppb   |
| Silver     | 109-1 | 0.12     | 0.12     | 0.12     | 0.12       | 0.45    | ppb   |
| Silver     | 107-1 | 0.12     | 0.13     | 0.13     | 0.13       | 7.48    | ppb   |
| Sodium     | 23-2  | 118.84   | 105.81   | 87.57    | 104.07     | 15.09   | ppb   |
| Strontium  | 86-1  | 24.16    | 24.08    | 23.56    | 23.94      | 1.37    | ppb   |
| Strontium  | 88-1  | 24.40    | 24.31    | 23.89    | 24.20      | 1.12    | ppb   |
| Sulfur     | 34-1  | -4994.25 | -5207.45 | -5058.00 | -5086.57   |         | ppb   |
| Terbium    | 159-1 |          |          |          | 109        |         | %     |
| Terbium    | 159-2 |          |          |          | 102        |         | %     |
| Thallium   | 203-1 | 0.15     | 0.14     | 0.12     | 0.13       | 12.33   | ppb   |
| Thallium   | 205-1 | 0.13     | 0.13     | 0.13     | 0.13       | 1.88    | ppb   |
| Tin        | 118-1 | 0.57     | 0.61     | 0.62     | 0.60       | 4.35    | ppb   |
| Titanium   | 47-1  | 21.11    | 17.69    | 16.91    | 18.57      | 12.05   | ppb   |
| Uranium    | 238-1 | 1.44     | 1.41     | 1.40     | 1.42       | 1.72    | ppb   |
| Vanadium   | 51-2  | 17.03    | 16.71    | 15.60    | 16.45      | 4.56    | ppb   |
| Yttrium    | 89-1  |          |          |          | 110        |         | %     |
| Yttrium    | 89-2  |          |          |          | 100        |         | %     |
| Zinc       | 66-2  | 38.31    | 36.92    | 37.48    | 37.57      | 1.86    | ppb   |
| Zirconium  | 90-1  | 1.26     | 0.95     | 0.96     | 1.06       | 16.66   | ppb   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB92809             | Operator :        | Jaswal    |
| Lab Sample ID :         | J1224-12            | Instrumnet Name : | P8        |
| Client Sample ID :      | MF6A16D             | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2018-01-22 16:57:41 | DataFile Name :   | 059SMPL.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|-----------|------|---------|---------|---------|------------|---------|-------|
| Zirconium | 91-1 | 0.87    | 1.27    | 0.87    | 1.00       | 23.24   | ppb   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB92809             | Operator :        | Jaswal    |
| Lab Sample ID :         | J1224-11LX5         | Instrumnet Name : | P8        |
| Client Sample ID :      | MF6A16L             | Dilution Factor : | 5         |
| Date & Time Acquired :: | 2018-01-22 17:00:51 | DataFile Name :   | 060SMPL.d |

| Parameter  | Mass  | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|------------|-------|---------|---------|---------|------------|---------|-------|
| Aluminium  | 27-2  | 1775.14 | 1740.94 | 1879.14 | 1798.41    | 4.00    | ppb   |
| Antimony   | 121-1 | 0.03    | 0.03    | 0.03    | 0.03       | 6.32    | ppb   |
| Arsenic    | 75-2  | 0.28    | 0.50    | 0.39    | 0.39       | 27.54   | ppb   |
| Barium     | 135-1 | 74.50   | 74.75   | 74.08   | 74.45      | 0.46    | ppb   |
| Barium     | 137-1 | 76.03   | 75.08   | 75.50   | 75.54      | 0.63    | ppb   |
| Beryllium  | 9-1   | 0.23    | 0.24    | 0.14    | 0.20       | 27.05   | ppb   |
| Bismuth    | 209-1 |         |         |         | 111        |         | %     |
| Bismuth    | 209-2 |         |         |         | 103        |         | %     |
| Boron      | 10-1  | 0.64    | -0.10   | -0.66   | -0.04      |         | ppb   |
| Boron      | 11-1  | 0.80    | 0.91    | 0.90    | 0.87       | 7.03    | ppb   |
| Cadmium    | 111-1 | 0.00    | 0.09    | -0.01   | 0.03       | 204.64  | ppb   |
| Cadmium    | 106-1 | -1.06   | 0.29    | -1.03   | -0.60      |         | ppb   |
| Cadmium    | 108-1 | 0.14    | 0.03    | 0.07    | 0.08       | 68.22   | ppb   |
| Calcium    | 43-1  | 907.79  | 821.15  | 837.05  | 855.33     | 5.39    | ppb   |
| Calcium    | 44-1  | 874.33  | 863.44  | 871.95  | 869.91     | 0.66    | ppb   |
| Chromium   | 52-2  | 3.54    | 3.24    | 3.12    | 3.30       | 6.44    | ppb   |
| Cobalt     | 59-2  | 0.80    | 0.85    | 0.80    | 0.82       | 3.94    | ppb   |
| Copper     | 63-2  | 1.65    | 1.66    | 1.44    | 1.59       | 7.76    | 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 |         |         |         | 108        |         | %     |
| Holmium    | 165-2 |         |         |         | 103        |         | %     |
| Indium     | 115-1 |         |         |         | 104        |         | %     |
| Indium     | 115-2 |         |         |         | 97         |         | %     |
| Iron       | 56-2  | 1182.87 | 1115.22 | 1143.50 | 1147.20    | 2.96    | ppb   |
| Iron       | 57-2  | 1172.09 | 1105.32 | 1159.47 | 1145.63    | 3.10    | ppb   |
| Lead       | 206-1 | 6.16    | 6.14    | 5.72    | 6.01       | 4.13    | ppb   |
| Lead       | 207-1 | 5.41    | 5.61    | 5.23    | 5.42       | 3.53    | ppb   |
| Lead       | 208-1 | 5.75    | 5.72    | 5.55    | 5.67       | 1.92    | ppb   |
| Lithium    | 6-1   |         |         |         | 96         |         | %     |
| Magnesium  | 24-2  | 263.16  | 254.25  | 253.74  | 257.05     | 2.06    | ppb   |
| Manganese  | 55-2  | 60.17   | 54.96   | 57.35   | 57.49      | 4.53    | ppb   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB92809             | Operator :        | Jaswal    |
| Lab Sample ID :         | J1224-11LX5         | Instrumnet Name : | P8        |
| Client Sample ID :      | MF6A16L             | Dilution Factor : | 5         |
| Date & Time Acquired :: | 2018-01-22 17:00:51 | DataFile Name :   | 060SMPL.d |

| Parameter  | Mass  | ConRep1  | ConRep2  | ConRep3  | Avg. Conc. | ConcRSD | Units |
|------------|-------|----------|----------|----------|------------|---------|-------|
| Molybdenum | 94-1  | 0.34     | 0.37     | 0.30     | 0.34       | 9.94    | ppb   |
| Molybdenum | 95-1  | 0.08     | 0.06     | 0.09     | 0.08       | 15.62   | ppb   |
| Molybdenum | 96-1  | 0.14     | 0.10     | 0.14     | 0.13       | 16.79   | ppb   |
| Molybdenum | 97-1  | 0.08     | 0.12     | 0.09     | 0.10       | 18.68   | ppb   |
| Molybdenum | 98-1  | 0.08     | 0.10     | 0.07     | 0.08       | 14.14   | ppb   |
| Neodymium  | 150-1 |          |          |          |            |         | cps   |
| Neodymium  | 150-2 |          |          |          |            |         | cps   |
| Nickel     | 60-2  | 1.14     | 1.14     | 1.48     | 1.25       | 15.90   | ppb   |
| Phosphorus | 31-2  | -4.97    | 199.55   | 29.37    | 74.65      | 146.72  | ppb   |
| Potassium  | 39-2  | 115.40   | 107.48   | 116.19   | 113.02     | 4.26    | ppb   |
| Rhodium    | 103-1 |          |          |          | 103        |         | %     |
| Rhodium    | 103-2 |          |          |          | 99         |         | %     |
| Scandium   | 45-1  |          |          |          | 97         |         | %     |
| Scandium   | 45-2  |          |          |          | 87         |         | %     |
| Selenium   | 77-2  | 0.00     | 29.85    | 7.48     | 12.44      | 124.81  | ppb   |
| Selenium   | 78-2  | 0.43     | 1.65     | 4.09     | 2.06       | 90.70   | ppb   |
| Selenium   | 82-1  | -0.09    | -0.45    | 0.01     | -0.18      |         | ppb   |
| Silicon    | 28-1  | 418.37   | 429.24   | 430.49   | 426.03     | 1.56    | ppb   |
| Silver     | 109-1 | 0.03     | 0.03     | 0.03     | 0.03       | 17.78   | ppb   |
| Silver     | 107-1 | 0.04     | 0.02     | 0.03     | 0.03       | 30.12   | ppb   |
| Sodium     | 23-2  | 36.68    | 26.44    | 31.40    | 31.51      | 16.25   | ppb   |
| Strontium  | 86-1  | 5.38     | 5.16     | 5.32     | 5.29       | 2.18    | ppb   |
| Strontium  | 88-1  | 5.36     | 5.26     | 5.32     | 5.31       | 0.88    | ppb   |
| Sulfur     | 34-1  | -5175.61 | -5274.52 | -5287.60 | -5245.91   |         | ppb   |
| Terbium    | 159-1 |          |          |          | 108        |         | %     |
| Terbium    | 159-2 |          |          |          | 102        |         | %     |
| Thallium   | 203-1 | 0.02     | 0.02     | 0.02     | 0.02       | 7.06    | ppb   |
| Thallium   | 205-1 | 0.03     | 0.02     | 0.02     | 0.02       | 10.49   | ppb   |
| Tin        | 118-1 | 0.12     | 0.12     | 0.15     | 0.13       | 12.09   | ppb   |
| Titanium   | 47-1  | 3.92     | 3.74     | 4.04     | 3.90       | 3.86    | ppb   |
| Uranium    | 238-1 | 0.29     | 0.29     | 0.28     | 0.29       | 2.04    | ppb   |
| Vanadium   | 51-2  | 3.62     | 3.03     | 3.41     | 3.35       | 8.90    | ppb   |
| Yttrium    | 89-1  |          |          |          | 105        |         | %     |
| Yttrium    | 89-2  |          |          |          | 96         |         | %     |
| Zinc       | 66-2  | 9.38     | 8.24     | 8.57     | 8.73       | 6.73    | ppb   |
| Zirconium  | 90-1  | 0.22     | 0.19     | 0.18     | 0.20       | 8.41    | ppb   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB92809             | Operator :        | Jaswal    |
| Lab Sample ID :         | J1224-11LX5         | Instrumnet Name : | P8        |
| Client Sample ID :      | MF6A16L             | Dilution Factor : | 5         |
| Date & Time Acquired :: | 2018-01-22 17:00:51 | DataFile Name :   | 060SMPL.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|-----------|------|---------|---------|---------|------------|---------|-------|
| Zirconium | 91-1 | 0.17    | 0.28    | 0.18    | 0.21       | 28.83   | ppb   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB92809             | Operator :        | Jaswal    |
| Lab Sample ID :         | J1224-13            | Instrumnet Name : | P8        |
| Client Sample ID :      | MF6A16S             | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2018-01-22 17:04:01 | DataFile Name :   | 061SMPL.d |

| Parameter  | Mass  | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|------------|-------|---------|---------|---------|------------|---------|-------|
| Aluminium  | 27-2  | 8562.36 | 8205.58 | 8470.78 | 8412.91    | 2.20    | ppb   |
| Antimony   | 121-1 | 18.43   | 18.23   | 18.49   | 18.38      | 0.74    | ppb   |
| Arsenic    | 75-2  | 8.70    | 7.63    | 9.16    | 8.50       | 9.25    | ppb   |
| Barium     | 135-1 | 710.97  | 707.95  | 713.14  | 710.69     | 0.37    | ppb   |
| Barium     | 137-1 | 731.20  | 733.91  | 732.02  | 732.38     | 0.19    | ppb   |
| Beryllium  | 9-1   | 9.70    | 9.98    | 10.10   | 9.93       | 2.04    | ppb   |
| Bismuth    | 209-1 |         |         |         | 113        |         | %     |
| Bismuth    | 209-2 |         |         |         | 103        |         | %     |
| Boron      | 10-1  | 1.42    | 2.29    | 1.75    | 1.82       | 23.97   | ppb   |
| Boron      | 11-1  | 2.45    | 2.31    | 2.78    | 2.51       | 9.52    | ppb   |
| Cadmium    | 111-1 | 9.55    | 9.45    | 9.52    | 9.51       | 0.51    | ppb   |
| Cadmium    | 106-1 | 6.33    | 6.33    | 6.53    | 6.40       | 1.80    | ppb   |
| Cadmium    | 108-1 | 8.98    | 9.23    | 9.84    | 9.35       | 4.76    | ppb   |
| Calcium    | 43-1  | 4023.99 | 4018.16 | 3936.07 | 3992.74    | 1.23    | ppb   |
| Calcium    | 44-1  | 3944.75 | 3941.87 | 3953.68 | 3946.77    | 0.16    | ppb   |
| Chromium   | 52-2  | 53.81   | 51.47   | 52.50   | 52.59      | 2.23    | ppb   |
| Cobalt     | 59-2  | 101.98  | 98.73   | 101.91  | 100.87     | 1.84    | ppb   |
| Copper     | 63-2  | 57.74   | 55.26   | 58.18   | 57.06      | 2.76    | ppb   |
| Dysprosium | 156-1 |         |         |         |            |         | cps   |
| Dysprosium | 156-2 |         |         |         |            |         | cps   |
| Erbium     | 164-1 |         |         |         |            |         | cps   |
| Erbium     | 164-2 |         |         |         |            |         | cps   |
| Gadolinium | 160-1 |         |         |         |            |         | cps   |
| Gadolinium | 160-2 |         |         |         |            |         | cps   |
| Holmium    | 165-1 |         |         |         | 110        |         | %     |
| Holmium    | 165-2 |         |         |         | 103        |         | %     |
| Indium     | 115-1 |         |         |         | 106        |         | %     |
| Indium     | 115-2 |         |         |         | 96         |         | %     |
| Iron       | 56-2  | 5643.84 | 5455.37 | 5543.46 | 5547.55    | 1.70    | ppb   |
| Iron       | 57-2  | 5376.96 | 5111.33 | 5339.04 | 5275.78    | 2.72    | ppb   |
| Lead       | 206-1 | 30.85   | 30.46   | 30.45   | 30.59      | 0.74    | ppb   |
| Lead       | 207-1 | 28.01   | 28.05   | 27.91   | 27.99      | 0.26    | ppb   |
| Lead       | 208-1 | 29.28   | 29.14   | 29.11   | 29.18      | 0.30    | ppb   |
| Lithium    | 6-1   |         |         |         | 98         |         | %     |
| Magnesium  | 24-2  | 1172.58 | 1183.44 | 1131.37 | 1162.46    | 2.36    | ppb   |
| Manganese  | 55-2  | 358.92  | 345.83  | 350.01  | 351.59     | 1.90    | ppb   |



|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB92809             | Operator :        | Jaswal    |
| Lab Sample ID :         | J1224-13            | Instrumnet Name : | P8        |
| Client Sample ID :      | MF6A16S             | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2018-01-22 17:04:01 | DataFile Name :   | 061SMPL.d |

| Parameter  | Mass  | ConRep1  | ConRep2  | ConRep3  | Avg. Conc. | ConcRSD | Units |
|------------|-------|----------|----------|----------|------------|---------|-------|
| Molybdenum | 94-1  | 1.60     | 1.61     | 1.67     | 1.63       | 2.29    | ppb   |
| Molybdenum | 95-1  | 0.32     | 0.35     | 0.34     | 0.34       | 4.56    | ppb   |
| Molybdenum | 96-1  | 0.56     | 0.57     | 0.47     | 0.53       | 10.52   | ppb   |
| Molybdenum | 97-1  | 0.39     | 0.34     | 0.34     | 0.36       | 7.35    | ppb   |
| Molybdenum | 98-1  | 0.39     | 0.38     | 0.36     | 0.38       | 3.78    | ppb   |
| Neodymium  | 150-1 |          |          |          |            |         | cps   |
| Neodymium  | 150-2 |          |          |          |            |         | cps   |
| Nickel     | 60-2  | 107.26   | 104.44   | 108.15   | 106.62     | 1.82    | ppb   |
| Phosphorus | 31-2  | 447.02   | 465.81   | 520.34   | 477.72     | 7.97    | ppb   |
| Potassium  | 39-2  | 596.05   | 583.75   | 615.76   | 598.52     | 2.70    | ppb   |
| Rhodium    | 103-1 |          |          |          | 104        |         | %     |
| Rhodium    | 103-2 |          |          |          | 99         |         | %     |
| Scandium   | 45-1  |          |          |          | 99         |         | %     |
| Scandium   | 45-2  |          |          |          | 87         |         | %     |
| Selenium   | 77-2  | 71.34    | 87.10    | 64.60    | 74.34      | 15.54   | ppb   |
| Selenium   | 78-2  | 14.27    | 16.89    | 21.35    | 17.50      | 20.45   | ppb   |
| Selenium   | 82-1  | 18.99    | 18.16    | 18.10    | 18.41      | 2.69    | ppb   |
| Silicon    | 28-1  | 2004.93  | 1927.91  | 1927.72  | 1953.52    | 2.28    | ppb   |
| Silver     | 109-1 | 8.86     | 8.97     | 8.94     | 8.92       | 0.62    | ppb   |
| Silver     | 107-1 | 8.84     | 9.02     | 9.13     | 9.00       | 1.65    | ppb   |
| Sodium     | 23-2  | 95.66    | 85.28    | 85.50    | 88.82      | 6.68    | ppb   |
| Strontium  | 86-1  | 23.24    | 22.41    | 23.03    | 22.89      | 1.88    | ppb   |
| Strontium  | 88-1  | 23.59    | 23.21    | 23.57    | 23.46      | 0.90    | ppb   |
| Sulfur     | 34-1  | -4811.79 | -4997.08 | -4903.27 | -4904.04   |         | ppb   |
| Terbium    | 159-1 |          |          |          | 109        |         | %     |
| Terbium    | 159-2 |          |          |          | 102        |         | %     |
| Thallium   | 203-1 | 9.00     | 9.13     | 8.95     | 9.02       | 1.00    | ppb   |
| Thallium   | 205-1 | 9.17     | 9.04     | 9.09     | 9.10       | 0.72    | ppb   |
| Tin        | 118-1 | 0.60     | 0.56     | 0.63     | 0.60       | 5.31    | ppb   |
| Titanium   | 47-1  | 35.59    | 27.61    | 23.72    | 28.97      | 20.88   | ppb   |
| Uranium    | 238-1 | 1.33     | 1.30     | 1.31     | 1.31       | 1.11    | ppb   |
| Vanadium   | 51-2  | 110.70   | 106.26   | 108.64   | 108.53     | 2.05    | ppb   |
| Yttrium    | 89-1  |          |          |          | 110        |         | %     |
| Yttrium    | 89-2  |          |          |          | 99         |         | %     |
| Zinc       | 66-2  | 131.33   | 130.57   | 135.25   | 132.38     | 1.90    | ppb   |
| Zirconium  | 90-1  | 1.05     | 0.93     | 1.22     | 1.07       | 13.86   | ppb   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB92809             | Operator :        | Jaswal    |
| Lab Sample ID :         | J1224-13            | Instrumnet Name : | P8        |
| Client Sample ID :      | MF6A16S             | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2018-01-22 17:04:01 | DataFile Name :   | 061SMPL.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|-----------|------|---------|---------|---------|------------|---------|-------|
| Zirconium | 91-1 | 1.02    | 1.01    | 1.41    | 1.14       | 19.81   | ppb   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB92809             | Operator :        | Jaswal    |
| Lab Sample ID :         | J1224-14            | Instrumnet Name : | P8        |
| Client Sample ID :      | MF6A17              | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2018-01-22 17:07:12 | DataFile Name :   | 062SMPL.d |

| Parameter  | Mass  | ConRep1  | ConRep2  | ConRep3  | Avg. Conc. | ConcRSD | Units |
|------------|-------|----------|----------|----------|------------|---------|-------|
| Aluminium  | 27-2  | 10211.14 | 11063.00 | 10148.11 | 10474.08   | 4.88    | ppb   |
| Antimony   | 121-1 | 0.43     | 0.38     | 0.43     | 0.42       | 6.41    | ppb   |
| Arsenic    | 75-2  | 19.18    | 19.16    | 17.93    | 18.76      | 3.84    | ppb   |
| Barium     | 135-1 | 247.31   | 249.24   | 248.80   | 248.45     | 0.41    | ppb   |
| Barium     | 137-1 | 249.26   | 247.79   | 248.42   | 248.49     | 0.30    | ppb   |
| Beryllium  | 9-1   | 0.83     | 0.80     | 0.71     | 0.78       | 7.94    | ppb   |
| Bismuth    | 209-1 |          |          |          | 112        |         | %     |
| Bismuth    | 209-2 |          |          |          | 99         |         | %     |
| Boron      | 10-1  | 2.09     | 1.00     | 1.25     | 1.44       | 39.74   | ppb   |
| Boron      | 11-1  | 2.09     | 2.15     | 1.87     | 2.04       | 7.21    | ppb   |
| Cadmium    | 111-1 | -0.04    | -0.03    | 0.01     | -0.02      |         | ppb   |
| Cadmium    | 106-1 | -1.11    | -0.97    | -0.54    | -0.87      |         | ppb   |
| Cadmium    | 108-1 | 0.32     | 0.14     | 0.22     | 0.23       | 40.07   | ppb   |
| Calcium    | 43-1  | 2448.84  | 2347.79  | 2443.18  | 2413.27    | 2.35    | ppb   |
| Calcium    | 44-1  | 2417.60  | 2421.28  | 2420.04  | 2419.64    | 0.08    | ppb   |
| Chromium   | 52-2  | 23.94    | 25.27    | 23.18    | 24.13      | 4.38    | ppb   |
| Cobalt     | 59-2  | 6.79     | 7.33     | 6.91     | 7.01       | 4.06    | ppb   |
| Copper     | 63-2  | 9.64     | 10.38    | 9.94     | 9.99       | 3.72    | ppb   |
| Dysprosium | 156-1 |          |          |          |            |         | cps   |
| Dysprosium | 156-2 |          |          |          |            |         | cps   |
| Erbium     | 164-1 |          |          |          |            |         | cps   |
| Erbium     | 164-2 |          |          |          |            |         | cps   |
| Gadolinium | 160-1 |          |          |          |            |         | cps   |
| Gadolinium | 160-2 |          |          |          |            |         | cps   |
| Holmium    | 165-1 |          |          |          | 109        |         | %     |
| Holmium    | 165-2 |          |          |          | 99         |         | %     |
| Indium     | 115-1 |          |          |          | 105        |         | %     |
| Indium     | 115-2 |          |          |          | 92         |         | %     |
| Iron       | 56-2  | 39728.98 | 42813.09 | 39532.26 | 40691.44   | 4.52    | ppb   |
| Iron       | 57-2  | 38422.69 | 40848.25 | 38305.70 | 39192.21   | 3.66    | ppb   |
| Lead       | 206-1 | 82.52    | 81.68    | 81.55    | 81.92      | 0.64    | ppb   |
| Lead       | 207-1 | 74.72    | 74.65    | 74.02    | 74.46      | 0.51    | ppb   |
| Lead       | 208-1 | 78.04    | 77.83    | 77.21    | 77.69      | 0.55    | ppb   |
| Lithium    | 6-1   |          |          |          | 97         |         | %     |
| Magnesium  | 24-2  | 1174.72  | 1266.40  | 1160.20  | 1200.44    | 4.80    | ppb   |
| Manganese  | 55-2  | 812.68   | 872.41   | 816.90   | 834.00     | 4.00    | ppb   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB92809             | Operator :        | Jaswal    |
| Lab Sample ID :         | J1224-14            | Instrumnet Name : | P8        |
| Client Sample ID :      | MF6A17              | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2018-01-22 17:07:12 | DataFile Name :   | 062SMPL.d |

| Parameter  | Mass  | ConRep1  | ConRep2  | ConRep3  | Avg. Conc. | ConcRSD | Units |
|------------|-------|----------|----------|----------|------------|---------|-------|
| Molybdenum | 94-1  | 2.81     | 2.84     | 2.69     | 2.78       | 2.88    | ppb   |
| Molybdenum | 95-1  | 2.06     | 2.02     | 2.10     | 2.06       | 1.93    | ppb   |
| Molybdenum | 96-1  | 2.13     | 2.20     | 2.29     | 2.20       | 3.73    | ppb   |
| Molybdenum | 97-1  | 1.96     | 2.11     | 1.90     | 1.99       | 5.43    | ppb   |
| Molybdenum | 98-1  | 2.00     | 1.93     | 1.91     | 1.95       | 2.40    | ppb   |
| Neodymium  | 150-1 |          |          |          |            |         | cps   |
| Neodymium  | 150-2 |          |          |          |            |         | cps   |
| Nickel     | 60-2  | 7.01     | 7.20     | 6.84     | 7.02       | 2.59    | ppb   |
| Phosphorus | 31-2  | 239.23   | 368.01   | 275.73   | 294.32     | 22.55   | ppb   |
| Potassium  | 39-2  | 441.73   | 471.62   | 431.13   | 448.16     | 4.69    | ppb   |
| Rhodium    | 103-1 |          |          |          | 103        |         | %     |
| Rhodium    | 103-2 |          |          |          | 96         |         | %     |
| Scandium   | 45-1  |          |          |          | 98         |         | %     |
| Scandium   | 45-2  |          |          |          | 84         |         | %     |
| Selenium   | 77-2  | 37.34    | 48.33    | 30.00    | 38.56      | 23.93   | ppb   |
| Selenium   | 78-2  | 4.07     | 10.99    | 7.74     | 7.60       | 45.50   | ppb   |
| Selenium   | 82-1  | 2.48     | 2.58     | 1.99     | 2.35       | 13.37   | ppb   |
| Silicon    | 28-1  | 1129.64  | 1100.90  | 1096.10  | 1108.88    | 1.64    | ppb   |
| Silver     | 109-1 | 0.09     | 0.06     | 0.08     | 0.08       | 16.16   | ppb   |
| Silver     | 107-1 | 0.06     | 0.08     | 0.07     | 0.07       | 14.25   | ppb   |
| Sodium     | 23-2  | 76.08    | 83.56    | 69.46    | 76.37      | 9.24    | ppb   |
| Strontium  | 86-1  | 15.03    | 14.58    | 15.32    | 14.98      | 2.49    | ppb   |
| Strontium  | 88-1  | 15.00    | 14.87    | 15.01    | 14.96      | 0.51    | ppb   |
| Sulfur     | 34-1  | -5364.75 | -5439.96 | -5507.36 | -5437.36   |         | ppb   |
| Terbium    | 159-1 |          |          |          | 109        |         | %     |
| Terbium    | 159-2 |          |          |          | 98         |         | %     |
| Thallium   | 203-1 | 0.12     | 0.11     | 0.13     | 0.12       | 6.05    | ppb   |
| Thallium   | 205-1 | 0.12     | 0.14     | 0.10     | 0.12       | 13.98   | ppb   |
| Tin        | 118-1 | 0.66     | 0.67     | 0.63     | 0.65       | 3.24    | ppb   |
| Titanium   | 47-1  | 20.42    | 20.16    | 19.14    | 19.91      | 3.41    | ppb   |
| Uranium    | 238-1 | 1.08     | 1.05     | 1.07     | 1.07       | 1.30    | ppb   |
| Vanadium   | 51-2  | 76.05    | 79.09    | 74.63    | 76.59      | 2.97    | ppb   |
| Yttrium    | 89-1  |          |          |          | 106        |         | %     |
| Yttrium    | 89-2  |          |          |          | 93         |         | %     |
| Zinc       | 66-2  | 21.14    | 22.97    | 20.65    | 21.59      | 5.67    | ppb   |
| Zirconium  | 90-1  | 0.85     | 0.89     | 0.92     | 0.89       | 4.02    | ppb   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB92809             | Operator :        | Jaswal    |
| Lab Sample ID :         | J1224-14            | Instrumnet Name : | P8        |
| Client Sample ID :      | MF6A17              | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2018-01-22 17:07:12 | DataFile Name :   | 062SMPL.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|-----------|------|---------|---------|---------|------------|---------|-------|
| Zirconium | 91-1 | 1.34    | 0.82    | 0.73    | 0.96       | 34.49   | ppb   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB92809             | Operator :        | Jaswal    |
| Lab Sample ID :         | J1224-15            | Instrumnet Name : | P8        |
| Client Sample ID :      | MF6A24              | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2018-01-22 17:10:23 | DataFile Name :   | 063SMPL.d |

| Parameter  | Mass  | ConRep1  | ConRep2  | ConRep3  | Avg. Conc. | ConcRSD | Units |
|------------|-------|----------|----------|----------|------------|---------|-------|
| Aluminium  | 27-2  | 12300.81 | 12250.53 | 11937.02 | 12162.79   | 1.62    | ppb   |
| Antimony   | 121-1 | 0.44     | 0.50     | 0.44     | 0.46       | 7.47    | ppb   |
| Arsenic    | 75-2  | 4.23     | 4.98     | 4.78     | 4.66       | 8.28    | ppb   |
| Barium     | 135-1 | 232.50   | 234.69   | 235.25   | 234.15     | 0.62    | ppb   |
| Barium     | 137-1 | 237.97   | 235.78   | 235.91   | 236.55     | 0.52    | ppb   |
| Beryllium  | 9-1   | 1.00     | 1.02     | 1.07     | 1.03       | 3.32    | ppb   |
| Bismuth    | 209-1 |          |          |          | 111        |         | %     |
| Bismuth    | 209-2 |          |          |          | 102        |         | %     |
| Boron      | 10-1  | 2.11     | 1.07     | 1.61     | 1.60       | 32.65   | ppb   |
| Boron      | 11-1  | 1.52     | 1.41     | 1.49     | 1.47       | 3.70    | ppb   |
| Cadmium    | 111-1 | 0.00     | 0.01     | 0.09     | 0.03       | 149.76  | ppb   |
| Cadmium    | 106-1 | -0.81    | -0.73    | 0.48     | -0.35      |         | ppb   |
| Cadmium    | 108-1 | 0.28     | 0.18     | 0.11     | 0.19       | 47.37   | ppb   |
| Calcium    | 43-1  | 1692.72  | 1647.59  | 1645.29  | 1661.87    | 1.61    | ppb   |
| Calcium    | 44-1  | 1700.45  | 1686.79  | 1711.57  | 1699.60    | 0.73    | ppb   |
| Chromium   | 52-2  | 16.63    | 15.52    | 15.26    | 15.81      | 4.59    | ppb   |
| Cobalt     | 59-2  | 10.02    | 9.92     | 9.36     | 9.76       | 3.65    | ppb   |
| Copper     | 63-2  | 9.46     | 9.18     | 9.24     | 9.29       | 1.58    | ppb   |
| Dysprosium | 156-1 |          |          |          |            |         | cps   |
| Dysprosium | 156-2 |          |          |          |            |         | cps   |
| Erbium     | 164-1 |          |          |          |            |         | cps   |
| Erbium     | 164-2 |          |          |          |            |         | cps   |
| Gadolinium | 160-1 |          |          |          |            |         | cps   |
| Gadolinium | 160-2 |          |          |          |            |         | cps   |
| Holmium    | 165-1 |          |          |          | 109        |         | %     |
| Holmium    | 165-2 |          |          |          | 101        |         | %     |
| Indium     | 115-1 |          |          |          | 104        |         | %     |
| Indium     | 115-2 |          |          |          | 94         |         | %     |
| Iron       | 56-2  | 16979.64 | 17028.91 | 16299.99 | 16769.51   | 2.43    | ppb   |
| Iron       | 57-2  | 16662.16 | 16416.29 | 15599.88 | 16226.11   | 3.43    | ppb   |
| Lead       | 206-1 | 75.37    | 75.16    | 75.89    | 75.48      | 0.50    | ppb   |
| Lead       | 207-1 | 68.52    | 67.94    | 67.99    | 68.15      | 0.47    | ppb   |
| Lead       | 208-1 | 71.65    | 71.32    | 71.40    | 71.45      | 0.24    | ppb   |
| Lithium    | 6-1   |          |          |          | 97         |         | %     |
| Magnesium  | 24-2  | 1768.66  | 1747.89  | 1714.24  | 1743.60    | 1.58    | ppb   |
| Manganese  | 55-2  | 549.09   | 548.80   | 523.38   | 540.42     | 2.73    | ppb   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB92809             | Operator :        | Jaswal    |
| Lab Sample ID :         | J1224-15            | Instrumnet Name : | P8        |
| Client Sample ID :      | MF6A24              | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2018-01-22 17:10:23 | DataFile Name :   | 063SMPL.d |

| Parameter  | Mass  | ConRep1  | ConRep2  | ConRep3  | Avg. Conc. | ConcRSD | Units |
|------------|-------|----------|----------|----------|------------|---------|-------|
| Molybdenum | 94-1  | 1.68     | 1.62     | 1.78     | 1.69       | 4.57    | ppb   |
| Molybdenum | 95-1  | 0.57     | 0.55     | 0.61     | 0.58       | 5.20    | ppb   |
| Molybdenum | 96-1  | 0.79     | 0.70     | 0.81     | 0.77       | 7.66    | ppb   |
| Molybdenum | 97-1  | 0.52     | 0.56     | 0.62     | 0.57       | 8.72    | ppb   |
| Molybdenum | 98-1  | 0.53     | 0.60     | 0.56     | 0.56       | 6.28    | ppb   |
| Neodymium  | 150-1 |          |          |          |            |         | cps   |
| Neodymium  | 150-2 |          |          |          |            |         | cps   |
| Nickel     | 60-2  | 7.71     | 7.99     | 8.15     | 7.95       | 2.76    | ppb   |
| Phosphorus | 31-2  | 461.20   | 459.81   | 786.90   | 569.30     | 33.10   | ppb   |
| Potassium  | 39-2  | 498.08   | 542.02   | 462.42   | 500.84     | 7.96    | ppb   |
| Rhodium    | 103-1 |          |          |          | 103        |         | %     |
| Rhodium    | 103-2 |          |          |          | 97         |         | %     |
| Scandium   | 45-1  |          |          |          | 98         |         | %     |
| Scandium   | 45-2  |          |          |          | 85         |         | %     |
| Selenium   | 77-2  | 57.81    | 21.32    | 86.39    | 55.18      | 59.11   | ppb   |
| Selenium   | 78-2  | 9.78     | 13.06    | 2.73     | 8.53       | 61.89   | ppb   |
| Selenium   | 82-1  | 1.72     | 1.38     | 1.88     | 1.66       | 15.40   | ppb   |
| Silicon    | 28-1  | 1339.53  | 1419.70  | 2454.07  | 1737.77    | 35.77   | ppb   |
| Silver     | 109-1 | 0.23     | 0.20     | 0.21     | 0.21       | 7.02    | ppb   |
| Silver     | 107-1 | 0.22     | 0.24     | 0.23     | 0.23       | 4.18    | ppb   |
| Sodium     | 23-2  | 122.17   | 130.15   | 102.96   | 118.43     | 11.80   | ppb   |
| Strontium  | 86-1  | 17.47    | 17.82    | 17.85    | 17.72      | 1.20    | ppb   |
| Strontium  | 88-1  | 17.81    | 17.75    | 18.04    | 17.87      | 0.85    | ppb   |
| Sulfur     | 34-1  | -5631.80 | -5724.39 | -5864.01 | -5740.07   |         | ppb   |
| Terbium    | 159-1 |          |          |          | 108        |         | %     |
| Terbium    | 159-2 |          |          |          | 100        |         | %     |
| Thallium   | 203-1 | 0.21     | 0.20     | 0.20     | 0.20       | 3.91    | ppb   |
| Thallium   | 205-1 | 0.23     | 0.22     | 0.22     | 0.22       | 3.12    | ppb   |
| Tin        | 118-1 | 0.80     | 0.80     | 0.83     | 0.81       | 2.11    | ppb   |
| Titanium   | 47-1  | 19.45    | 25.57    | 17.85    | 20.95      | 19.45   | ppb   |
| Uranium    | 238-1 | 1.99     | 1.91     | 1.95     | 1.95       | 2.00    | ppb   |
| Vanadium   | 51-2  | 34.16    | 33.31    | 30.59    | 32.69      | 5.70    | ppb   |
| Yttrium    | 89-1  |          |          |          | 109        |         | %     |
| Yttrium    | 89-2  |          |          |          | 99         |         | %     |
| Zinc       | 66-2  | 41.61    | 39.74    | 41.96    | 41.10      | 2.91    | ppb   |
| Zirconium  | 90-1  | 0.96     | 0.89     | 0.89     | 0.91       | 4.24    | ppb   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB92809             | Operator :        | Jaswal    |
| Lab Sample ID :         | J1224-15            | Instrumnet Name : | P8        |
| Client Sample ID :      | MF6A24              | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2018-01-22 17:10:23 | DataFile Name :   | 063SMPL.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|-----------|------|---------|---------|---------|------------|---------|-------|
| Zirconium | 91-1 | 0.95    | 1.32    | 0.85    | 1.04       | 23.66   | ppb   |



|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB92809             | Operator :        | Jaswal    |
| Lab Sample ID :         | J1224-16            | Instrumnet Name : | P8        |
| Client Sample ID :      | MF6A13              | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2018-01-22 17:13:33 | DataFile Name :   | 064SMPL.d |

| Parameter  | Mass  | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|------------|-------|---------|---------|---------|------------|---------|-------|
| Aluminium  | 27-2  | 8924.21 | 9223.83 | 8868.46 | 9005.50    | 2.12    | ppb   |
| Antimony   | 121-1 | 0.25    | 0.22    | 0.22    | 0.23       | 6.90    | ppb   |
| Arsenic    | 75-2  | 3.86    | 3.20    | 3.21    | 3.42       | 10.99   | ppb   |
| Barium     | 135-1 | 268.52  | 270.39  | 263.74  | 267.55     | 1.28    | ppb   |
| Barium     | 137-1 | 267.46  | 269.76  | 268.16  | 268.46     | 0.44    | ppb   |
| Beryllium  | 9-1   | 0.98    | 0.93    | 0.99    | 0.97       | 3.44    | ppb   |
| Bismuth    | 209-1 |         |         |         | 109        |         | %     |
| Bismuth    | 209-2 |         |         |         | 100        |         | %     |
| Boron      | 10-1  | 0.77    | 2.17    | 1.69    | 1.54       | 45.95   | ppb   |
| Boron      | 11-1  | 1.79    | 2.10    | 2.40    | 2.10       | 14.65   | ppb   |
| Cadmium    | 111-1 | 0.29    | 0.22    | 0.33    | 0.28       | 20.95   | ppb   |
| Cadmium    | 106-1 | 0.12    | -0.60   | 0.06    | -0.14      |         | ppb   |
| Cadmium    | 108-1 | 0.51    | 0.59    | 0.58    | 0.56       | 8.17    | ppb   |
| Calcium    | 43-1  | 2948.06 | 2906.90 | 2913.65 | 2922.87    | 0.76    | ppb   |
| Calcium    | 44-1  | 2924.64 | 2888.14 | 2925.38 | 2912.72    | 0.73    | ppb   |
| Chromium   | 52-2  | 11.42   | 11.99   | 11.45   | 11.62      | 2.75    | ppb   |
| Cobalt     | 59-2  | 6.16    | 6.16    | 6.10    | 6.14       | 0.59    | ppb   |
| Copper     | 63-2  | 13.19   | 13.55   | 12.93   | 13.22      | 2.33    | 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 |         |         |         | 107        |         | %     |
| Holmium    | 165-2 |         |         |         | 99         |         | %     |
| Indium     | 115-1 |         |         |         | 103        |         | %     |
| Indium     | 115-2 |         |         |         | 92         |         | %     |
| Iron       | 56-2  | 9640.14 | 9803.78 | 9573.37 | 9672.43    | 1.23    | ppb   |
| Iron       | 57-2  | 9157.78 | 9400.94 | 9173.78 | 9244.17    | 1.47    | ppb   |
| Lead       | 206-1 | 28.78   | 29.27   | 29.72   | 29.26      | 1.60    | ppb   |
| Lead       | 207-1 | 26.49   | 26.70   | 26.59   | 26.59      | 0.40    | ppb   |
| Lead       | 208-1 | 27.58   | 27.76   | 28.07   | 27.80      | 0.89    | ppb   |
| Lithium    | 6-1   |         |         |         | 95         |         | %     |
| Magnesium  | 24-2  | 1274.09 | 1285.86 | 1285.13 | 1281.69    | 0.51    | ppb   |
| Manganese  | 55-2  | 463.11  | 465.16  | 455.85  | 461.37     | 1.06    | ppb   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB92809             | Operator :        | Jaswal    |
| Lab Sample ID :         | J1224-16            | Instrumnet Name : | P8        |
| Client Sample ID :      | MF6A13              | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2018-01-22 17:13:33 | DataFile Name :   | 064SMPL.d |

| Parameter  | Mass  | ConRep1  | ConRep2  | ConRep3  | Avg. Conc. | ConcRSD | Units |
|------------|-------|----------|----------|----------|------------|---------|-------|
| Molybdenum | 94-1  | 1.80     | 1.88     | 2.06     | 1.91       | 6.80    | ppb   |
| Molybdenum | 95-1  | 0.43     | 0.41     | 0.37     | 0.40       | 7.85    | ppb   |
| Molybdenum | 96-1  | 0.54     | 0.95     | 0.63     | 0.71       | 29.87   | ppb   |
| Molybdenum | 97-1  | 0.38     | 0.43     | 0.44     | 0.42       | 7.57    | ppb   |
| Molybdenum | 98-1  | 0.37     | 0.37     | 0.38     | 0.37       | 0.63    | ppb   |
| Neodymium  | 150-1 |          |          |          |            |         | cps   |
| Neodymium  | 150-2 |          |          |          |            |         | cps   |
| Nickel     | 60-2  | 7.84     | 7.52     | 8.02     | 7.79       | 3.25    | ppb   |
| Phosphorus | 31-2  | 470.23   | 735.47   | 653.27   | 619.65     | 21.91   | ppb   |
| Potassium  | 39-2  | 680.60   | 653.62   | 685.30   | 673.18     | 2.54    | ppb   |
| Rhodium    | 103-1 |          |          |          | 101        |         | %     |
| Rhodium    | 103-2 |          |          |          | 96         |         | %     |
| Scandium   | 45-1  |          |          |          | 96         |         | %     |
| Scandium   | 45-2  |          |          |          | 82         |         | %     |
| Selenium   | 77-2  | 37.23    | 89.64    | 81.71    | 69.53      | 40.63   | ppb   |
| Selenium   | 78-2  | 5.27     | 6.50     | 12.48    | 8.08       | 47.75   | ppb   |
| Selenium   | 82-1  | 0.80     | 0.54     | 0.49     | 0.61       | 27.89   | ppb   |
| Silicon    | 28-1  | 1940.06  | 1627.76  | 1797.87  | 1788.56    | 8.74    | ppb   |
| Silver     | 109-1 | 0.12     | 0.13     | 0.11     | 0.12       | 5.11    | ppb   |
| Silver     | 107-1 | 0.11     | 0.12     | 0.12     | 0.11       | 3.40    | ppb   |
| Sodium     | 23-2  | 104.83   | 103.00   | 96.25    | 101.36     | 4.46    | ppb   |
| Strontium  | 86-1  | 19.51    | 19.73    | 19.43    | 19.56      | 0.78    | ppb   |
| Strontium  | 88-1  | 19.51    | 19.80    | 19.84    | 19.72      | 0.91    | ppb   |
| Sulfur     | 34-1  | -5495.44 | -5448.52 | -5484.65 | -5476.20   |         | ppb   |
| Terbium    | 159-1 |          |          |          | 107        |         | %     |
| Terbium    | 159-2 |          |          |          | 99         |         | %     |
| Thallium   | 203-1 | 0.17     | 0.16     | 0.16     | 0.17       | 4.24    | ppb   |
| Thallium   | 205-1 | 0.14     | 0.16     | 0.16     | 0.15       | 5.50    | ppb   |
| Tin        | 118-1 | 0.66     | 0.76     | 0.75     | 0.72       | 7.84    | ppb   |
| Titanium   | 47-1  | 19.22    | 20.70    | 21.09    | 20.34      | 4.85    | ppb   |
| Uranium    | 238-1 | 1.82     | 1.79     | 1.79     | 1.80       | 1.00    | ppb   |
| Vanadium   | 51-2  | 27.08    | 28.28    | 27.87    | 27.74      | 2.19    | ppb   |
| Yttrium    | 89-1  |          |          |          | 107        |         | %     |
| Yttrium    | 89-2  |          |          |          | 96         |         | %     |
| Zinc       | 66-2  | 51.75    | 51.77    | 50.23    | 51.25      | 1.73    | ppb   |
| Zirconium  | 90-1  | 1.04     | 0.85     | 1.01     | 0.96       | 10.66   | ppb   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB92809             | Operator :        | Jaswal    |
| Lab Sample ID :         | J1224-16            | Instrumnet Name : | P8        |
| Client Sample ID :      | MF6A13              | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2018-01-22 17:13:33 | DataFile Name :   | 064SMPL.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|-----------|------|---------|---------|---------|------------|---------|-------|
| Zirconium | 91-1 | 0.96    | 0.92    | 0.91    | 0.93       | 2.96    | ppb   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB92809             | Operator :        | Jaswal    |
| Lab Sample ID :         | J1224-17            | Instrumnet Name : | P8        |
| Client Sample ID :      | MF6A14              | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2018-01-22 17:16:44 | DataFile Name :   | 065SMPL.d |

| Parameter  | Mass  | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|------------|-------|---------|---------|---------|------------|---------|-------|
| Aluminium  | 27-2  | 9422.51 | 9290.59 | 9339.23 | 9350.78    | 0.71    | ppb   |
| Antimony   | 121-1 | 0.16    | 0.16    | 0.18    | 0.17       | 8.36    | ppb   |
| Arsenic    | 75-2  | 1.72    | 1.92    | 1.66    | 1.76       | 7.79    | ppb   |
| Barium     | 135-1 | 370.29  | 370.79  | 372.08  | 371.05     | 0.25    | ppb   |
| Barium     | 137-1 | 372.34  | 374.63  | 374.30  | 373.76     | 0.33    | ppb   |
| Beryllium  | 9-1   | 0.91    | 1.05    | 1.19    | 1.05       | 13.37   | ppb   |
| Bismuth    | 209-1 |         |         |         | 109        |         | %     |
| Bismuth    | 209-2 |         |         |         | 100        |         | %     |
| Boron      | 10-1  | 0.94    | 0.47    | 0.40    | 0.60       | 48.74   | ppb   |
| Boron      | 11-1  | 1.94    | 1.49    | 1.73    | 1.72       | 13.27   | ppb   |
| Cadmium    | 111-1 | 0.16    | 0.30    | 0.17    | 0.21       | 37.59   | ppb   |
| Cadmium    | 106-1 | -1.46   | -0.16   | -1.24   | -0.95      |         | ppb   |
| Cadmium    | 108-1 | 0.40    | 0.47    | 0.40    | 0.42       | 10.17   | ppb   |
| Calcium    | 43-1  | 3999.04 | 4128.16 | 4110.43 | 4079.21    | 1.72    | ppb   |
| Calcium    | 44-1  | 4039.97 | 4164.81 | 4078.18 | 4094.32    | 1.56    | ppb   |
| Chromium   | 52-2  | 16.33   | 16.03   | 16.07   | 16.14      | 1.01    | ppb   |
| Cobalt     | 59-2  | 2.84    | 2.90    | 2.82    | 2.85       | 1.39    | ppb   |
| Copper     | 63-2  | 13.84   | 13.18   | 13.86   | 13.63      | 2.83    | 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 |         |         |         | 99         |         | %     |
| Indium     | 115-1 |         |         |         | 103        |         | %     |
| Indium     | 115-2 |         |         |         | 93         |         | %     |
| Iron       | 56-2  | 5221.58 | 4984.91 | 5148.87 | 5118.45    | 2.37    | ppb   |
| Iron       | 57-2  | 4845.02 | 4705.35 | 4935.72 | 4828.70    | 2.40    | ppb   |
| Lead       | 206-1 | 27.83   | 27.98   | 28.18   | 28.00      | 0.63    | ppb   |
| Lead       | 207-1 | 25.32   | 25.66   | 25.23   | 25.40      | 0.89    | ppb   |
| Lead       | 208-1 | 26.28   | 26.65   | 26.42   | 26.45      | 0.71    | ppb   |
| Lithium    | 6-1   |         |         |         | 95         |         | %     |
| Magnesium  | 24-2  | 1307.40 | 1301.17 | 1346.36 | 1318.31    | 1.86    | ppb   |
| Manganese  | 55-2  | 298.60  | 288.99  | 298.40  | 295.33     | 1.86    | ppb   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB92809             | Operator :        | Jaswal    |
| Lab Sample ID :         | J1224-17            | Instrumnet Name : | P8        |
| Client Sample ID :      | MF6A14              | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2018-01-22 17:16:44 | DataFile Name :   | 065SMPL.d |

| Parameter  | Mass  | ConRep1  | ConRep2  | ConRep3  | Avg. Conc. | ConcRSD | Units |
|------------|-------|----------|----------|----------|------------|---------|-------|
| Molybdenum | 94-1  | 2.14     | 2.62     | 2.00     | 2.25       | 14.43   | ppb   |
| Molybdenum | 95-1  | 0.35     | 0.45     | 0.40     | 0.40       | 12.27   | ppb   |
| Molybdenum | 96-1  | 0.64     | 0.55     | 0.62     | 0.60       | 8.12    | ppb   |
| Molybdenum | 97-1  | 0.39     | 0.43     | 0.33     | 0.38       | 13.19   | ppb   |
| Molybdenum | 98-1  | 0.39     | 0.42     | 0.44     | 0.42       | 6.87    | ppb   |
| Neodymium  | 150-1 |          |          |          |            |         | cps   |
| Neodymium  | 150-2 |          |          |          |            |         | cps   |
| Nickel     | 60-2  | 6.77     | 6.09     | 6.83     | 6.56       | 6.28    | ppb   |
| Phosphorus | 31-2  | 501.81   | 414.88   | 353.49   | 423.39     | 17.60   | ppb   |
| Potassium  | 39-2  | 669.79   | 635.81   | 703.36   | 669.65     | 5.04    | ppb   |
| Rhodium    | 103-1 |          |          |          | 101        |         | %     |
| Rhodium    | 103-2 |          |          |          | 96         |         | %     |
| Scandium   | 45-1  |          |          |          | 95         |         | %     |
| Scandium   | 45-2  |          |          |          | 85         |         | %     |
| Selenium   | 77-2  | 51.86    | 59.77    | 52.44    | 54.69      | 8.07    | ppb   |
| Selenium   | 78-2  | 4.04     | 7.71     | 6.52     | 6.09       | 30.77   | ppb   |
| Selenium   | 82-1  | 0.53     | 1.53     | 1.97     | 1.34       | 54.71   | ppb   |
| Silicon    | 28-1  | 2126.57  | 1976.05  | 1872.20  | 1991.61    | 6.42    | ppb   |
| Silver     | 109-1 | 0.13     | 0.12     | 0.12     | 0.12       | 5.33    | ppb   |
| Silver     | 107-1 | 0.13     | 0.12     | 0.12     | 0.12       | 4.89    | ppb   |
| Sodium     | 23-2  | 94.98    | 76.23    | 90.94    | 87.38      | 11.29   | ppb   |
| Strontium  | 86-1  | 25.39    | 26.03    | 25.04    | 25.49      | 1.99    | ppb   |
| Strontium  | 88-1  | 26.09    | 26.63    | 25.83    | 26.18      | 1.56    | ppb   |
| Sulfur     | 34-1  | -5411.37 | -5366.95 | -5363.98 | -5380.77   |         | ppb   |
| Terbium    | 159-1 |          |          |          | 107        |         | %     |
| Terbium    | 159-2 |          |          |          | 99         |         | %     |
| Thallium   | 203-1 | 0.13     | 0.16     | 0.16     | 0.15       | 10.83   | ppb   |
| Thallium   | 205-1 | 0.15     | 0.16     | 0.15     | 0.15       | 2.49    | ppb   |
| Tin        | 118-1 | 0.82     | 0.75     | 0.73     | 0.76       | 6.25    | ppb   |
| Titanium   | 47-1  | 40.30    | 19.45    | 104.11   | 54.62      | 80.76   | ppb   |
| Uranium    | 238-1 | 1.63     | 1.65     | 1.65     | 1.64       | 0.92    | ppb   |
| Vanadium   | 51-2  | 16.87    | 15.95    | 17.35    | 16.72      | 4.25    | ppb   |
| Yttrium    | 89-1  |          |          |          | 106        |         | %     |
| Yttrium    | 89-2  |          |          |          | 96         |         | %     |
| Zinc       | 66-2  | 44.84    | 44.05    | 45.33    | 44.74      | 1.44    | ppb   |
| Zirconium  | 90-1  | 1.26     | 1.07     | 1.03     | 1.12       | 10.93   | ppb   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB92809             | Operator :        | Jaswal    |
| Lab Sample ID :         | J1224-17            | Instrumnet Name : | P8        |
| Client Sample ID :      | MF6A14              | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2018-01-22 17:16:44 | DataFile Name :   | 065SMPL.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|-----------|------|---------|---------|---------|------------|---------|-------|
| Zirconium | 91-1 | 1.24    | 1.49    | 1.42    | 1.38       | 9.55    | ppb   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB92809             | Operator :        | Jaswal    |
| Lab Sample ID :         | J1224-18            | Instrumnet Name : | P8        |
| Client Sample ID :      | MF6A15              | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2018-01-22 17:19:54 | DataFile Name :   | 066SMPL.d |

| Parameter  | Mass  | ConRep1  | ConRep2  | ConRep3  | Avg. Conc. | ConcRSD | Units |
|------------|-------|----------|----------|----------|------------|---------|-------|
| Aluminium  | 27-2  | 8366.17  | 8628.16  | 8545.09  | 8513.14    | 1.57    | ppb   |
| Antimony   | 121-1 | 0.59     | 0.55     | 0.58     | 0.57       | 3.56    | ppb   |
| Arsenic    | 75-2  | 3.37     | 3.47     | 3.54     | 3.46       | 2.40    | ppb   |
| Barium     | 135-1 | 432.17   | 428.58   | 428.05   | 429.60     | 0.52    | ppb   |
| Barium     | 137-1 | 435.51   | 428.24   | 430.55   | 431.43     | 0.86    | ppb   |
| Beryllium  | 9-1   | 1.08     | 1.07     | 1.14     | 1.10       | 3.41    | ppb   |
| Bismuth    | 209-1 |          |          |          | 110        |         | %     |
| Bismuth    | 209-2 |          |          |          | 101        |         | %     |
| Boron      | 10-1  | 2.00     | 3.39     | 2.70     | 2.70       | 25.88   | ppb   |
| Boron      | 11-1  | 2.97     | 3.46     | 3.36     | 3.26       | 7.88    | ppb   |
| Cadmium    | 111-1 | 0.37     | 0.44     | 0.47     | 0.43       | 12.09   | ppb   |
| Cadmium    | 106-1 | -0.39    | -0.33    | 0.48     | -0.08      |         | ppb   |
| Cadmium    | 108-1 | 0.88     | 0.47     | 0.95     | 0.77       | 33.59   | ppb   |
| Calcium    | 43-1  | 8223.51  | 8430.62  | 8337.06  | 8330.40    | 1.25    | ppb   |
| Calcium    | 44-1  | 8559.81  | 8578.87  | 8464.95  | 8534.54    | 0.71    | ppb   |
| Chromium   | 52-2  | 11.67    | 11.74    | 11.12    | 11.51      | 2.93    | ppb   |
| Cobalt     | 59-2  | 6.54     | 6.49     | 6.51     | 6.52       | 0.36    | ppb   |
| Copper     | 63-2  | 14.66    | 15.18    | 14.51    | 14.78      | 2.39    | 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 |          |          |          | 100        |         | %     |
| Indium     | 115-1 |          |          |          | 103        |         | %     |
| Indium     | 115-2 |          |          |          | 93         |         | %     |
| Iron       | 56-2  | 11358.72 | 11589.56 | 11361.64 | 11436.64   | 1.16    | ppb   |
| Iron       | 57-2  | 10919.03 | 11138.96 | 10847.67 | 10968.55   | 1.38    | ppb   |
| Lead       | 206-1 | 90.61    | 91.30    | 92.37    | 91.43      | 0.97    | ppb   |
| Lead       | 207-1 | 82.18    | 82.27    | 82.95    | 82.47      | 0.51    | ppb   |
| Lead       | 208-1 | 85.72    | 85.95    | 86.69    | 86.12      | 0.59    | ppb   |
| Lithium    | 6-1   |          |          |          | 95         |         | %     |
| Magnesium  | 24-2  | 1252.73  | 1299.57  | 1311.41  | 1287.90    | 2.41    | ppb   |
| Manganese  | 55-2  | 941.07   | 961.97   | 943.08   | 948.71     | 1.22    | ppb   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB92809             | Operator :        | Jaswal    |
| Lab Sample ID :         | J1224-18            | Instrumnet Name : | P8        |
| Client Sample ID :      | MF6A15              | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2018-01-22 17:19:54 | DataFile Name :   | 066SMPL.d |

| Parameter  | Mass  | ConRep1  | ConRep2  | ConRep3  | Avg. Conc. | ConcRSD | Units |
|------------|-------|----------|----------|----------|------------|---------|-------|
| Molybdenum | 94-1  | 2.44     | 2.56     | 2.54     | 2.51       | 2.56    | ppb   |
| Molybdenum | 95-1  | 0.42     | 0.40     | 0.50     | 0.44       | 11.89   | ppb   |
| Molybdenum | 96-1  | 0.64     | 0.62     | 0.74     | 0.67       | 9.84    | ppb   |
| Molybdenum | 97-1  | 0.40     | 0.37     | 0.34     | 0.37       | 8.20    | ppb   |
| Molybdenum | 98-1  | 0.40     | 0.35     | 0.37     | 0.37       | 6.46    | ppb   |
| Neodymium  | 150-1 |          |          |          |            |         | cps   |
| Neodymium  | 150-2 |          |          |          |            |         | cps   |
| Nickel     | 60-2  | 10.08    | 10.63    | 10.17    | 10.29      | 2.90    | ppb   |
| Phosphorus | 31-2  | 849.67   | 727.01   | 742.11   | 772.93     | 8.65    | ppb   |
| Potassium  | 39-2  | 466.33   | 526.64   | 478.41   | 490.46     | 6.51    | ppb   |
| Rhodium    | 103-1 |          |          |          | 101        |         | %     |
| Rhodium    | 103-2 |          |          |          | 96         |         | %     |
| Scandium   | 45-1  |          |          |          | 95         |         | %     |
| Scandium   | 45-2  |          |          |          | 84         |         | %     |
| Selenium   | 77-2  | 14.66    | 37.40    | 51.76    | 34.61      | 54.06   | ppb   |
| Selenium   | 78-2  | 12.30    | 6.51     | 12.42    | 10.41      | 32.47   | ppb   |
| Selenium   | 82-1  | 0.35     | 1.34     | 0.42     | 0.70       | 79.04   | ppb   |
| Silicon    | 28-1  | 1741.11  | 2164.43  | 1821.75  | 1909.10    | 11.77   | ppb   |
| Silver     | 109-1 | 0.17     | 0.18     | 0.19     | 0.18       | 3.54    | ppb   |
| Silver     | 107-1 | 0.19     | 0.16     | 0.19     | 0.18       | 8.82    | ppb   |
| Sodium     | 23-2  | 85.00    | 127.33   | 90.63    | 100.99     | 22.76   | ppb   |
| Strontium  | 86-1  | 37.43    | 37.36    | 36.59    | 37.13      | 1.27    | ppb   |
| Strontium  | 88-1  | 38.04    | 38.37    | 37.64    | 38.02      | 0.96    | ppb   |
| Sulfur     | 34-1  | -5156.07 | -5243.65 | -5337.02 | -5245.58   |         | ppb   |
| Terbium    | 159-1 |          |          |          | 107        |         | %     |
| Terbium    | 159-2 |          |          |          | 99         |         | %     |
| Thallium   | 203-1 | 0.16     | 0.17     | 0.14     | 0.16       | 7.73    | ppb   |
| Thallium   | 205-1 | 0.14     | 0.12     | 0.15     | 0.14       | 7.77    | ppb   |
| Tin        | 118-1 | 0.81     | 0.79     | 0.86     | 0.82       | 4.26    | ppb   |
| Titanium   | 47-1  | 29.74    | 21.41    | 27.38    | 26.18      | 16.40   | ppb   |
| Uranium    | 238-1 | 1.49     | 1.48     | 1.52     | 1.50       | 1.32    | ppb   |
| Vanadium   | 51-2  | 22.60    | 23.40    | 22.37    | 22.79      | 2.37    | ppb   |
| Yttrium    | 89-1  |          |          |          | 108        |         | %     |
| Yttrium    | 89-2  |          |          |          | 96         |         | %     |
| Zinc       | 66-2  | 41.20    | 39.88    | 40.89    | 40.66      | 1.70    | ppb   |
| Zirconium  | 90-1  | 1.47     | 1.73     | 1.35     | 1.52       | 12.88   | ppb   |



|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB92809             | Operator :        | Jaswal    |
| Lab Sample ID :         | J1224-18            | Instrumnet Name : | P8        |
| Client Sample ID :      | MF6A15              | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2018-01-22 17:19:54 | DataFile Name :   | 066SMPL.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|-----------|------|---------|---------|---------|------------|---------|-------|
| Zirconium | 91-1 | 1.41    | 1.41    | 1.27    | 1.36       | 5.83    | ppb   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB92809             | Operator :        | Jaswal    |
| Lab Sample ID :         | J1224-19            | Instrumnet Name : | P8        |
| Client Sample ID :      | MF6A18              | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2018-01-22 17:23:04 | DataFile Name :   | 067SMPL.d |

| Parameter  | Mass  | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|------------|-------|---------|---------|---------|------------|---------|-------|
| Aluminium  | 27-2  | 6048.90 | 6261.79 | 6318.33 | 6209.67    | 2.29    | ppb   |
| Antimony   | 121-1 | 0.10    | 0.11    | 0.11    | 0.11       | 1.82    | ppb   |
| Arsenic    | 75-2  | 1.79    | 1.75    | 1.42    | 1.66       | 12.31   | ppb   |
| Barium     | 135-1 | 248.01  | 244.00  | 254.76  | 248.93     | 2.18    | ppb   |
| Barium     | 137-1 | 248.27  | 245.68  | 254.09  | 249.35     | 1.73    | ppb   |
| Beryllium  | 9-1   | 0.84    | 0.66    | 0.68    | 0.73       | 13.57   | ppb   |
| Bismuth    | 209-1 |         |         |         | 110        |         | %     |
| Bismuth    | 209-2 |         |         |         | 101        |         | %     |
| Boron      | 10-1  | 0.69    | 1.95    | 1.29    | 1.31       | 47.85   | ppb   |
| Boron      | 11-1  | 2.13    | 1.38    | 2.18    | 1.89       | 23.77   | ppb   |
| Cadmium    | 111-1 | 0.23    | 0.37    | 0.35    | 0.31       | 24.75   | ppb   |
| Cadmium    | 106-1 | -1.12   | -0.90   | -1.36   | -1.12      |         | ppb   |
| Cadmium    | 108-1 | 0.59    | 0.36    | 0.60    | 0.52       | 26.21   | ppb   |
| Calcium    | 43-1  | 3214.87 | 3149.03 | 3162.89 | 3175.60    | 1.09    | ppb   |
| Calcium    | 44-1  | 3213.96 | 3164.46 | 3220.19 | 3199.54    | 0.95    | ppb   |
| Chromium   | 52-2  | 7.15    | 7.00    | 7.81    | 7.32       | 5.89    | ppb   |
| Cobalt     | 59-2  | 2.57    | 2.60    | 2.65    | 2.61       | 1.47    | ppb   |
| Copper     | 63-2  | 7.82    | 7.56    | 8.18    | 7.85       | 3.96    | 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 |         |         |         | 107        |         | %     |
| Holmium    | 165-2 |         |         |         | 100        |         | %     |
| Indium     | 115-1 |         |         |         | 103        |         | %     |
| Indium     | 115-2 |         |         |         | 93         |         | %     |
| Iron       | 56-2  | 5040.05 | 5040.86 | 5215.51 | 5098.80    | 1.98    | ppb   |
| Iron       | 57-2  | 4742.25 | 4673.65 | 5051.23 | 4822.38    | 4.17    | ppb   |
| Lead       | 206-1 | 18.47   | 18.46   | 19.28   | 18.74      | 2.52    | ppb   |
| Lead       | 207-1 | 16.75   | 16.82   | 17.42   | 17.00      | 2.16    | ppb   |
| Lead       | 208-1 | 17.68   | 17.57   | 18.20   | 17.81      | 1.88    | ppb   |
| Lithium    | 6-1   |         |         |         | 94         |         | %     |
| Magnesium  | 24-2  | 1009.79 | 899.58  | 977.43  | 962.27     | 5.89    | ppb   |
| Manganese  | 55-2  | 195.22  | 196.65  | 198.60  | 196.82     | 0.86    | ppb   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB92809             | Operator :        | Jaswal    |
| Lab Sample ID :         | J1224-19            | Instrumnet Name : | P8        |
| Client Sample ID :      | MF6A18              | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2018-01-22 17:23:04 | DataFile Name :   | 067SMPL.d |

| Parameter  | Mass  | ConRep1  | ConRep2  | ConRep3  | Avg. Conc. | ConcRSD | Units |
|------------|-------|----------|----------|----------|------------|---------|-------|
| Molybdenum | 94-1  | 1.39     | 1.53     | 1.87     | 1.59       | 15.27   | ppb   |
| Molybdenum | 95-1  | 0.34     | 0.24     | 0.26     | 0.28       | 20.27   | ppb   |
| Molybdenum | 96-1  | 0.54     | 0.49     | 0.50     | 0.51       | 4.86    | ppb   |
| Molybdenum | 97-1  | 0.28     | 0.31     | 0.29     | 0.30       | 5.61    | ppb   |
| Molybdenum | 98-1  | 0.29     | 0.31     | 0.28     | 0.29       | 4.80    | ppb   |
| Neodymium  | 150-1 |          |          |          |            |         | cps   |
| Neodymium  | 150-2 |          |          |          |            |         | cps   |
| Nickel     | 60-2  | 5.14     | 5.60     | 6.25     | 5.66       | 9.84    | ppb   |
| Phosphorus | 31-2  | 250.14   | 609.91   | 513.84   | 457.96     | 40.68   | ppb   |
| Potassium  | 39-2  | 529.75   | 565.84   | 575.98   | 557.19     | 4.36    | ppb   |
| Rhodium    | 103-1 |          |          |          | 101        |         | %     |
| Rhodium    | 103-2 |          |          |          | 96         |         | %     |
| Scandium   | 45-1  |          |          |          | 94         |         | %     |
| Scandium   | 45-2  |          |          |          | 82         |         | %     |
| Selenium   | 77-2  | 60.06    | 60.52    | 45.19    | 55.26      | 15.79   | ppb   |
| Selenium   | 78-2  | 6.53     | 1.68     | 6.56     | 4.92       | 57.05   | ppb   |
| Selenium   | 82-1  | 0.95     | 0.72     | 1.56     | 1.08       | 40.51   | ppb   |
| Silicon    | 28-1  | 1278.33  | 1441.00  | 1802.02  | 1507.12    | 17.78   | ppb   |
| Silver     | 109-1 | 0.08     | 0.09     | 0.10     | 0.09       | 7.80    | ppb   |
| Silver     | 107-1 | 0.08     | 0.09     | 0.08     | 0.09       | 8.70    | ppb   |
| Sodium     | 23-2  | 87.93    | 71.97    | 91.72    | 83.87      | 12.50   | ppb   |
| Strontium  | 86-1  | 18.94    | 18.91    | 19.06    | 18.97      | 0.42    | ppb   |
| Strontium  | 88-1  | 19.36    | 19.61    | 19.80    | 19.59      | 1.14    | ppb   |
| Sulfur     | 34-1  | -4914.52 | -5248.03 | -5138.64 | -5100.40   |         | ppb   |
| Terbium    | 159-1 |          |          |          | 106        |         | %     |
| Terbium    | 159-2 |          |          |          | 99         |         | %     |
| Thallium   | 203-1 | 0.08     | 0.10     | 0.10     | 0.09       | 13.84   | ppb   |
| Thallium   | 205-1 | 0.09     | 0.09     | 0.09     | 0.09       | 1.57    | ppb   |
| Tin        | 118-1 | 0.42     | 0.36     | 0.43     | 0.40       | 9.18    | ppb   |
| Titanium   | 47-1  | 19.25    | 17.87    | 81.17    | 39.43      | 91.69   | ppb   |
| Uranium    | 238-1 | 1.21     | 1.24     | 1.25     | 1.23       | 1.95    | ppb   |
| Vanadium   | 51-2  | 12.67    | 12.94    | 13.57    | 13.06      | 3.54    | ppb   |
| Yttrium    | 89-1  |          |          |          | 105        |         | %     |
| Yttrium    | 89-2  |          |          |          | 95         |         | %     |
| Zinc       | 66-2  | 27.51    | 28.84    | 27.58    | 27.98      | 2.67    | ppb   |
| Zirconium  | 90-1  | 2.18     | 0.72     | 0.80     | 1.24       | 66.25   | ppb   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB92809             | Operator :        | Jaswal    |
| Lab Sample ID :         | J1224-19            | Instrumnet Name : | P8        |
| Client Sample ID :      | MF6A18              | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2018-01-22 17:23:04 | DataFile Name :   | 067SMPL.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|-----------|------|---------|---------|---------|------------|---------|-------|
| Zirconium | 91-1 | 0.72    | 0.94    | 0.80    | 0.82       | 13.36   | ppb   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB92809             | Operator :        | Jaswal    |
| Lab Sample ID :         | J1224-20            | Instrumnet Name : | P8        |
| Client Sample ID :      | MF6A19              | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2018-01-22 17:26:15 | DataFile Name :   | 068SMPL.d |

| Parameter  | Mass  | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|------------|-------|---------|---------|---------|------------|---------|-------|
| Aluminium  | 27-2  | 9743.24 | 9435.11 | 9841.55 | 9673.30    | 2.19    | ppb   |
| Antimony   | 121-1 | 0.14    | 0.13    | 0.16    | 0.14       | 13.02   | ppb   |
| Arsenic    | 75-2  | 3.54    | 3.59    | 2.73    | 3.28       | 14.64   | ppb   |
| Barium     | 135-1 | 317.96  | 317.02  | 317.79  | 317.59     | 0.16    | ppb   |
| Barium     | 137-1 | 316.62  | 315.53  | 320.47  | 317.54     | 0.82    | ppb   |
| Beryllium  | 9-1   | 0.80    | 0.88    | 0.90    | 0.86       | 6.09    | ppb   |
| Bismuth    | 209-1 |         |         |         | 109        |         | %     |
| Bismuth    | 209-2 |         |         |         | 100        |         | %     |
| Boron      | 10-1  | 1.42    | 2.27    | 2.01    | 1.90       | 22.77   | ppb   |
| Boron      | 11-1  | 1.21    | 1.59    | 1.70    | 1.50       | 17.29   | ppb   |
| Cadmium    | 111-1 | 0.11    | 0.21    | 0.13    | 0.15       | 35.42   | ppb   |
| Cadmium    | 106-1 | -0.65   | 0.04    | -0.46   | -0.35      |         | ppb   |
| Cadmium    | 108-1 | 0.52    | 0.14    | 0.26    | 0.31       | 62.19   | ppb   |
| Calcium    | 43-1  | 3646.07 | 3567.14 | 3612.99 | 3608.73    | 1.10    | ppb   |
| Calcium    | 44-1  | 3663.95 | 3669.08 | 3681.12 | 3671.38    | 0.24    | ppb   |
| Chromium   | 52-2  | 13.05   | 13.82   | 13.78   | 13.55      | 3.23    | ppb   |
| Cobalt     | 59-2  | 3.59    | 3.45    | 3.41    | 3.48       | 2.77    | ppb   |
| Copper     | 63-2  | 6.85    | 6.45    | 7.06    | 6.78       | 4.53    | ppb   |
| Dysprosium | 156-1 |         |         |         |            |         | cps   |
| Dysprosium | 156-2 |         |         |         |            |         | cps   |
| Erbium     | 164-1 |         |         |         |            |         | cps   |
| Erbium     | 164-2 |         |         |         |            |         | cps   |
| Gadolinium | 160-1 |         |         |         |            |         | cps   |
| Gadolinium | 160-2 |         |         |         |            |         | cps   |
| Holmium    | 165-1 |         |         |         | 106        |         | %     |
| Holmium    | 165-2 |         |         |         | 99         |         | %     |
| Indium     | 115-1 |         |         |         | 103        |         | %     |
| Indium     | 115-2 |         |         |         | 92         |         | %     |
| Iron       | 56-2  | 8391.98 | 8514.44 | 8527.99 | 8478.14    | 0.88    | ppb   |
| Iron       | 57-2  | 8085.04 | 7990.18 | 8320.78 | 8132.00    | 2.09    | ppb   |
| Lead       | 206-1 | 29.00   | 28.81   | 28.61   | 28.81      | 0.68    | ppb   |
| Lead       | 207-1 | 26.08   | 26.18   | 26.16   | 26.14      | 0.20    | ppb   |
| Lead       | 208-1 | 27.29   | 27.34   | 27.22   | 27.28      | 0.23    | ppb   |
| Lithium    | 6-1   |         |         |         | 94         |         | %     |
| Magnesium  | 24-2  | 1341.48 | 1372.01 | 1416.13 | 1376.54    | 2.73    | ppb   |
| Manganese  | 55-2  | 244.42  | 244.89  | 252.81  | 247.37     | 1.91    | ppb   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB92809             | Operator :        | Jaswal    |
| Lab Sample ID :         | J1224-20            | Instrumnet Name : | P8        |
| Client Sample ID :      | MF6A19              | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2018-01-22 17:26:15 | DataFile Name :   | 068SMPL.d |

| Parameter  | Mass  | ConRep1  | ConRep2  | ConRep3  | Avg. Conc. | ConcRSD | Units |
|------------|-------|----------|----------|----------|------------|---------|-------|
| Molybdenum | 94-1  | 1.71     | 2.65     | 1.82     | 2.06       | 24.97   | ppb   |
| Molybdenum | 95-1  | 0.34     | 0.37     | 0.30     | 0.34       | 9.91    | ppb   |
| Molybdenum | 96-1  | 0.56     | 0.61     | 0.61     | 0.59       | 4.82    | ppb   |
| Molybdenum | 97-1  | 0.35     | 0.46     | 0.41     | 0.41       | 12.70   | ppb   |
| Molybdenum | 98-1  | 0.36     | 0.39     | 0.33     | 0.36       | 7.73    | ppb   |
| Neodymium  | 150-1 |          |          |          |            |         | cps   |
| Neodymium  | 150-2 |          |          |          |            |         | cps   |
| Nickel     | 60-2  | 6.93     | 6.88     | 6.94     | 6.92       | 0.51    | ppb   |
| Phosphorus | 31-2  | 351.85   | 461.77   | 848.64   | 554.08     | 47.09   | ppb   |
| Potassium  | 39-2  | 572.86   | 567.23   | 635.34   | 591.81     | 6.39    | ppb   |
| Rhodium    | 103-1 |          |          |          | 101        |         | %     |
| Rhodium    | 103-2 |          |          |          | 95         |         | %     |
| Scandium   | 45-1  |          |          |          | 95         |         | %     |
| Scandium   | 45-2  |          |          |          | 83         |         | %     |
| Selenium   | 77-2  | 59.61    | 59.50    | 53.01    | 57.37      | 6.59    | ppb   |
| Selenium   | 78-2  | 4.06     | 8.88     | 9.05     | 7.33       | 38.60   | ppb   |
| Selenium   | 82-1  | 0.47     | 0.62     | 1.10     | 0.73       | 44.85   | ppb   |
| Silicon    | 28-1  | 2257.87  | 1854.43  | 1836.37  | 1982.89    | 12.02   | ppb   |
| Silver     | 109-1 | 0.16     | 0.15     | 0.14     | 0.15       | 7.17    | ppb   |
| Silver     | 107-1 | 0.16     | 0.15     | 0.14     | 0.15       | 9.19    | ppb   |
| Sodium     | 23-2  | 112.36   | 102.61   | 103.73   | 106.23     | 5.02    | ppb   |
| Strontium  | 86-1  | 22.62    | 22.85    | 22.43    | 22.64      | 0.93    | ppb   |
| Strontium  | 88-1  | 22.71    | 22.75    | 22.94    | 22.80      | 0.54    | ppb   |
| Sulfur     | 34-1  | -5544.36 | -5532.68 | -5462.55 | -5513.20   |         | ppb   |
| Terbium    | 159-1 |          |          |          | 106        |         | %     |
| Terbium    | 159-2 |          |          |          | 99         |         | %     |
| Thallium   | 203-1 | 0.16     | 0.12     | 0.15     | 0.14       | 13.66   | ppb   |
| Thallium   | 205-1 | 0.15     | 0.15     | 0.16     | 0.15       | 5.00    | ppb   |
| Tin        | 118-1 | 0.75     | 0.74     | 0.71     | 0.73       | 3.36    | ppb   |
| Titanium   | 47-1  | 20.40    | 25.65    | 26.87    | 24.31      | 14.15   | ppb   |
| Uranium    | 238-1 | 1.71     | 1.72     | 1.71     | 1.71       | 0.32    | ppb   |
| Vanadium   | 51-2  | 20.42    | 19.58    | 20.60    | 20.20      | 2.71    | ppb   |
| Yttrium    | 89-1  |          |          |          | 106        |         | %     |
| Yttrium    | 89-2  |          |          |          | 95         |         | %     |
| Zinc       | 66-2  | 33.72    | 31.44    | 34.40    | 33.18      | 4.68    | ppb   |
| Zirconium  | 90-1  | 1.01     | 1.73     | 0.92     | 1.22       | 36.37   | ppb   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB92809             | Operator :        | Jaswal    |
| Lab Sample ID :         | J1224-20            | Instrumnet Name : | P8        |
| Client Sample ID :      | MF6A19              | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2018-01-22 17:26:15 | DataFile Name :   | 068SMPL.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|-----------|------|---------|---------|---------|------------|---------|-------|
| Zirconium | 91-1 | 0.99    | 1.27    | 0.90    | 1.06       | 18.51   | ppb   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB92809             | Operator :        | Jaswal    |
| Lab Sample ID :         | J1224-21            | Instrumnet Name : | P8        |
| Client Sample ID :      | MF6A20              | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2018-01-22 17:29:26 | DataFile Name :   | 069SMPL.d |

| Parameter  | Mass  | ConRep1  | ConRep2  | ConRep3  | Avg. Conc. | ConcRSD | Units |
|------------|-------|----------|----------|----------|------------|---------|-------|
| Aluminium  | 27-2  | 10902.97 | 11537.14 | 11382.47 | 11274.20   | 2.93    | ppb   |
| Antimony   | 121-1 | 0.53     | 0.55     | 0.53     | 0.54       | 1.30    | ppb   |
| Arsenic    | 75-2  | 12.78    | 11.32    | 12.27    | 12.12      | 6.13    | ppb   |
| Barium     | 135-1 | 446.33   | 447.32   | 446.35   | 446.66     | 0.13    | ppb   |
| Barium     | 137-1 | 450.15   | 444.84   | 450.45   | 448.48     | 0.70    | ppb   |
| Beryllium  | 9-1   | 1.40     | 1.60     | 1.57     | 1.52       | 6.93    | ppb   |
| Bismuth    | 209-1 |          |          |          | 109        |         | %     |
| Bismuth    | 209-2 |          |          |          | 100        |         | %     |
| Boron      | 10-1  | 2.29     | 2.18     | 1.25     | 1.91       | 29.94   | ppb   |
| Boron      | 11-1  | 2.39     | 2.93     | 2.66     | 2.66       | 10.22   | ppb   |
| Cadmium    | 111-1 | 0.25     | 0.33     | 0.17     | 0.25       | 33.59   | ppb   |
| Cadmium    | 106-1 | 0.11     | 0.35     | -0.61    | -0.05      |         | ppb   |
| Cadmium    | 108-1 | 0.51     | 0.25     | 0.55     | 0.44       | 36.42   | ppb   |
| Calcium    | 43-1  | 4332.64  | 4323.41  | 4332.00  | 4329.35    | 0.12    | ppb   |
| Calcium    | 44-1  | 4315.16  | 4383.24  | 4309.98  | 4336.13    | 0.94    | ppb   |
| Chromium   | 52-2  | 17.69    | 17.85    | 18.21    | 17.92      | 1.48    | ppb   |
| Cobalt     | 59-2  | 35.75    | 38.00    | 36.80    | 36.85      | 3.06    | ppb   |
| Copper     | 63-2  | 18.25    | 18.69    | 18.19    | 18.38      | 1.49    | ppb   |
| Dysprosium | 156-1 |          |          |          |            |         | cps   |
| Dysprosium | 156-2 |          |          |          |            |         | cps   |
| Erbium     | 164-1 |          |          |          |            |         | cps   |
| Erbium     | 164-2 |          |          |          |            |         | cps   |
| Gadolinium | 160-1 |          |          |          |            |         | cps   |
| Gadolinium | 160-2 |          |          |          |            |         | cps   |
| Holmium    | 165-1 |          |          |          | 107        |         | %     |
| Holmium    | 165-2 |          |          |          | 100        |         | %     |
| Indium     | 115-1 |          |          |          | 103        |         | %     |
| Indium     | 115-2 |          |          |          | 93         |         | %     |
| Iron       | 56-2  | 28195.92 | 29183.21 | 28659.15 | 28679.42   | 1.72    | ppb   |
| Iron       | 57-2  | 27103.29 | 28276.62 | 27755.33 | 27711.75   | 2.12    | ppb   |
| Lead       | 206-1 | 84.07    | 82.56    | 83.29    | 83.31      | 0.91    | ppb   |
| Lead       | 207-1 | 75.51    | 74.53    | 75.85    | 75.30      | 0.91    | ppb   |
| Lead       | 208-1 | 79.43    | 78.09    | 79.18    | 78.90      | 0.90    | ppb   |
| Lithium    | 6-1   |          |          |          | 94         |         | %     |
| Magnesium  | 24-2  | 1679.37  | 1759.20  | 1720.08  | 1719.55    | 2.32    | ppb   |
| Manganese  | 55-2  | 2590.83  | 2715.84  | 2636.48  | 2647.72    | 2.39    | ppb   |



|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB92809             | Operator :        | Jaswal    |
| Lab Sample ID :         | J1224-21            | Instrumnet Name : | P8        |
| Client Sample ID :      | MF6A20              | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2018-01-22 17:29:26 | DataFile Name :   | 069SMPL.d |

| Parameter  | Mass  | ConRep1  | ConRep2  | ConRep3  | Avg. Conc. | ConcRSD | Units |
|------------|-------|----------|----------|----------|------------|---------|-------|
| Molybdenum | 94-1  | 2.16     | 2.10     | 1.90     | 2.05       | 6.50    | ppb   |
| Molybdenum | 95-1  | 1.10     | 1.20     | 1.06     | 1.12       | 6.24    | ppb   |
| Molybdenum | 96-1  | 1.40     | 1.21     | 1.25     | 1.29       | 7.68    | ppb   |
| Molybdenum | 97-1  | 1.09     | 0.98     | 1.04     | 1.03       | 4.98    | ppb   |
| Molybdenum | 98-1  | 1.07     | 1.08     | 1.11     | 1.09       | 1.95    | ppb   |
| Neodymium  | 150-1 |          |          |          |            |         | cps   |
| Neodymium  | 150-2 |          |          |          |            |         | cps   |
| Nickel     | 60-2  | 11.38    | 12.33    | 12.56    | 12.09      | 5.18    | ppb   |
| Phosphorus | 31-2  | 663.92   | 698.13   | 751.40   | 704.49     | 6.26    | ppb   |
| Potassium  | 39-2  | 616.57   | 628.61   | 575.59   | 606.92     | 4.58    | ppb   |
| Rhodium    | 103-1 |          |          |          | 101        |         | %     |
| Rhodium    | 103-2 |          |          |          | 96         |         | %     |
| Scandium   | 45-1  |          |          |          | 95         |         | %     |
| Scandium   | 45-2  |          |          |          | 84         |         | %     |
| Selenium   | 77-2  | 80.07    | 110.14   | 43.60    | 77.94      | 42.75   | ppb   |
| Selenium   | 78-2  | 8.67     | 9.95     | 8.65     | 9.09       | 8.17    | ppb   |
| Selenium   | 82-1  | 2.11     | 1.68     | 2.46     | 2.09       | 18.82   | ppb   |
| Silicon    | 28-1  | 1510.08  | 1808.04  | 1490.94  | 1603.02    | 11.09   | ppb   |
| Silver     | 109-1 | 0.13     | 0.17     | 0.16     | 0.16       | 13.34   | ppb   |
| Silver     | 107-1 | 0.18     | 0.16     | 0.17     | 0.17       | 5.43    | ppb   |
| Sodium     | 23-2  | 100.05   | 104.79   | 132.75   | 112.53     | 15.71   | ppb   |
| Strontium  | 86-1  | 24.08    | 24.38    | 23.80    | 24.08      | 1.21    | ppb   |
| Strontium  | 88-1  | 24.74    | 24.87    | 24.30    | 24.63      | 1.21    | ppb   |
| Sulfur     | 34-1  | -5342.94 | -5215.06 | -5381.54 | -5313.18   |         | ppb   |
| Terbium    | 159-1 |          |          |          | 107        |         | %     |
| Terbium    | 159-2 |          |          |          | 99         |         | %     |
| Thallium   | 203-1 | 0.13     | 0.16     | 0.16     | 0.15       | 9.30    | ppb   |
| Thallium   | 205-1 | 0.17     | 0.16     | 0.17     | 0.17       | 5.44    | ppb   |
| Tin        | 118-1 | 1.10     | 0.91     | 0.94     | 0.98       | 10.39   | ppb   |
| Titanium   | 47-1  | 22.17    | 22.93    | 20.60    | 21.90      | 5.43    | ppb   |
| Uranium    | 238-1 | 1.93     | 1.96     | 1.95     | 1.95       | 0.71    | ppb   |
| Vanadium   | 51-2  | 53.39    | 55.46    | 54.65    | 54.50      | 1.91    | ppb   |
| Yttrium    | 89-1  |          |          |          | 108        |         | %     |
| Yttrium    | 89-2  |          |          |          | 98         |         | %     |
| Zinc       | 66-2  | 43.22    | 46.52    | 42.18    | 43.98      | 5.15    | ppb   |
| Zirconium  | 90-1  | 0.88     | 0.89     | 0.98     | 0.92       | 5.74    | ppb   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB92809             | Operator :        | Jaswal    |
| Lab Sample ID :         | J1224-21            | Instrumnet Name : | P8        |
| Client Sample ID :      | MF6A20              | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2018-01-22 17:29:26 | DataFile Name :   | 069SMPL.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|-----------|------|---------|---------|---------|------------|---------|-------|
| Zirconium | 91-1 | 0.93    | 1.74    | 0.89    | 1.19       | 40.41   | ppb   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB92809             | Operator :        | Jaswal    |
| Lab Sample ID :         | J1224-22            | Instrumnet Name : | P8        |
| Client Sample ID :      | MF6A21              | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2018-01-22 17:32:36 | DataFile Name :   | 070SMPL.d |

| Parameter  | Mass  | ConRep1  | ConRep2  | ConRep3  | Avg. Conc. | ConcRSD | Units |
|------------|-------|----------|----------|----------|------------|---------|-------|
| Aluminium  | 27-2  | 7848.80  | 7588.02  | 7937.05  | 7791.29    | 2.33    | ppb   |
| Antimony   | 121-1 | 1.02     | 1.15     | 1.07     | 1.08       | 6.04    | ppb   |
| Arsenic    | 75-2  | 5.51     | 5.70     | 5.39     | 5.53       | 2.87    | ppb   |
| Barium     | 135-1 | 233.96   | 272.54   | 249.63   | 252.05     | 7.70    | ppb   |
| Barium     | 137-1 | 235.03   | 271.78   | 246.52   | 251.11     | 7.49    | ppb   |
| Beryllium  | 9-1   | 0.76     | 0.78     | 0.55     | 0.70       | 18.26   | ppb   |
| Bismuth    | 209-1 |          |          |          | 103        |         | %     |
| Bismuth    | 209-2 |          |          |          | 101        |         | %     |
| Boron      | 10-1  | 1.84     | 1.81     | 1.89     | 1.84       | 2.36    | ppb   |
| Boron      | 11-1  | 1.92     | 2.67     | 2.12     | 2.24       | 17.48   | ppb   |
| Cadmium    | 111-1 | -0.01    | -0.02    | 0.08     | 0.02       | 361.25  | ppb   |
| Cadmium    | 106-1 | -1.12    | -1.69    | 0.12     | -0.90      |         | ppb   |
| Cadmium    | 108-1 | 0.15     | 0.34     | 0.38     | 0.29       | 43.97   | ppb   |
| Calcium    | 43-1  | 3158.57  | 3633.45  | 3425.96  | 3405.99    | 6.99    | ppb   |
| Calcium    | 44-1  | 3238.15  | 3703.13  | 3439.13  | 3460.14    | 6.74    | ppb   |
| Chromium   | 52-2  | 258.40   | 261.97   | 260.14   | 260.17     | 0.69    | ppb   |
| Cobalt     | 59-2  | 5.25     | 5.32     | 5.13     | 5.23       | 1.85    | ppb   |
| Copper     | 63-2  | 8.46     | 8.70     | 8.47     | 8.55       | 1.61    | ppb   |
| Dysprosium | 156-1 |          |          |          |            |         | cps   |
| Dysprosium | 156-2 |          |          |          |            |         | cps   |
| Erbium     | 164-1 |          |          |          |            |         | cps   |
| Erbium     | 164-2 |          |          |          |            |         | cps   |
| Gadolinium | 160-1 |          |          |          |            |         | cps   |
| Gadolinium | 160-2 |          |          |          |            |         | cps   |
| Holmium    | 165-1 |          |          |          | 101        |         | %     |
| Holmium    | 165-2 |          |          |          | 100        |         | %     |
| Indium     | 115-1 |          |          |          | 96         |         | %     |
| Indium     | 115-2 |          |          |          | 93         |         | %     |
| Iron       | 56-2  | 15554.06 | 15742.08 | 15542.45 | 15612.87   | 0.72    | ppb   |
| Iron       | 57-2  | 15048.66 | 15261.95 | 14967.06 | 15092.56   | 1.01    | ppb   |
| Lead       | 206-1 | 38.80    | 44.72    | 40.99    | 41.50      | 7.22    | ppb   |
| Lead       | 207-1 | 34.55    | 40.45    | 36.48    | 37.16      | 8.10    | ppb   |
| Lead       | 208-1 | 36.56    | 42.37    | 38.61    | 39.18      | 7.53    | ppb   |
| Lithium    | 6-1   |          |          |          | 89         |         | %     |
| Magnesium  | 24-2  | 1226.68  | 1267.73  | 1294.93  | 1263.11    | 2.72    | ppb   |
| Manganese  | 55-2  | 320.54   | 322.47   | 321.39   | 321.47     | 0.30    | ppb   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB92809             | Operator :        | Jaswal    |
| Lab Sample ID :         | J1224-22            | Instrumnet Name : | P8        |
| Client Sample ID :      | MF6A21              | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2018-01-22 17:32:36 | DataFile Name :   | 070SMPL.d |

| Parameter  | Mass  | ConRep1  | ConRep2  | ConRep3  | Avg. Conc. | ConcRSD | Units |
|------------|-------|----------|----------|----------|------------|---------|-------|
| Molybdenum | 94-1  | 2.95     | 3.22     | 2.99     | 3.05       | 4.70    | ppb   |
| Molybdenum | 95-1  | 2.17     | 2.60     | 2.23     | 2.33       | 9.92    | ppb   |
| Molybdenum | 96-1  | 2.40     | 2.82     | 2.64     | 2.62       | 8.05    | ppb   |
| Molybdenum | 97-1  | 2.36     | 2.59     | 2.35     | 2.43       | 5.67    | ppb   |
| Molybdenum | 98-1  | 2.19     | 2.57     | 2.36     | 2.38       | 8.10    | ppb   |
| Neodymium  | 150-1 |          |          |          |            |         | cps   |
| Neodymium  | 150-2 |          |          |          |            |         | cps   |
| Nickel     | 60-2  | 48.41    | 50.76    | 50.14    | 49.77      | 2.45    | ppb   |
| Phosphorus | 31-2  | 284.33   | 323.59   | 211.25   | 273.06     | 20.88   | ppb   |
| Potassium  | 39-2  | 359.19   | 379.02   | 329.10   | 355.77     | 7.06    | ppb   |
| Rhodium    | 103-1 |          |          |          | 95         |         | %     |
| Rhodium    | 103-2 |          |          |          | 97         |         | %     |
| Scandium   | 45-1  |          |          |          | 89         |         | %     |
| Scandium   | 45-2  |          |          |          | 83         |         | %     |
| Selenium   | 77-2  | 52.59    | 45.16    | 38.08    | 45.28      | 16.03   | ppb   |
| Selenium   | 78-2  | 5.32     | 5.33     | 1.70     | 4.12       | 50.92   | ppb   |
| Selenium   | 82-1  | 1.18     | 0.64     | 1.30     | 1.04       | 33.84   | ppb   |
| Silicon    | 28-1  | 1424.44  | 1692.55  | 1447.75  | 1521.58    | 9.76    | ppb   |
| Silver     | 109-1 | 0.12     | 0.14     | 0.10     | 0.12       | 16.46   | ppb   |
| Silver     | 107-1 | 0.12     | 0.17     | 0.14     | 0.14       | 16.69   | ppb   |
| Sodium     | 23-2  | 86.82    | 86.44    | 81.67    | 84.98      | 3.38    | ppb   |
| Strontium  | 86-1  | 20.86    | 23.63    | 22.06    | 22.18      | 6.24    | ppb   |
| Strontium  | 88-1  | 21.88    | 24.74    | 22.63    | 23.08      | 6.43    | ppb   |
| Sulfur     | 34-1  | -5765.49 | -3988.19 | -4912.38 | -4888.69   |         | ppb   |
| Terbium    | 159-1 |          |          |          | 100        |         | %     |
| Terbium    | 159-2 |          |          |          | 100        |         | %     |
| Thallium   | 203-1 | 0.16     | 0.17     | 0.19     | 0.18       | 9.14    | ppb   |
| Thallium   | 205-1 | 0.15     | 0.18     | 0.18     | 0.17       | 10.83   | ppb   |
| Tin        | 118-1 | 1.51     | 1.75     | 1.53     | 1.60       | 8.09    | ppb   |
| Titanium   | 47-1  | 25.53    | 30.58    | 26.24    | 27.45      | 9.97    | ppb   |
| Uranium    | 238-1 | 0.69     | 0.77     | 0.69     | 0.72       | 6.55    | ppb   |
| Vanadium   | 51-2  | 33.03    | 33.34    | 33.86    | 33.41      | 1.25    | ppb   |
| Yttrium    | 89-1  |          |          |          | 98         |         | %     |
| Yttrium    | 89-2  |          |          |          | 94         |         | %     |
| Zinc       | 66-2  | 24.59    | 26.45    | 25.76    | 25.60      | 3.68    | ppb   |
| Zirconium  | 90-1  | 0.85     | 0.92     | 0.82     | 0.86       | 5.62    | ppb   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB92809             | Operator :        | Jaswal    |
| Lab Sample ID :         | J1224-22            | Instrumnet Name : | P8        |
| Client Sample ID :      | MF6A21              | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2018-01-22 17:32:36 | DataFile Name :   | 070SMPL.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|-----------|------|---------|---------|---------|------------|---------|-------|
| Zirconium | 91-1 | 0.81    | 1.04    | 0.79    | 0.88       | 15.94   | ppb   |

|                         |                     |                   |          |
|-------------------------|---------------------|-------------------|----------|
| LB Number :             | LB92809             | Operator :        | Jaswal   |
| Lab Sample ID :         | CCV039              | Instrumnet Name : | P8       |
| Client Sample ID :      | CCV039              | Dilution Factor : | 1        |
| Date & Time Acquired :: | 2018-01-22 17:37:46 | DataFile Name :   | 071CCV.d |

| Parameter  | Mass  | ConRep1   | ConRep2   | ConRep3   | Avg. Conc. | ConcRSD | Units |
|------------|-------|-----------|-----------|-----------|------------|---------|-------|
| Aluminium  | 27-2  | 47116.43  | 46085.89  | 46551.39  | 46584.57   | 1.11    | ppb   |
| Antimony   | 121-1 | 483.96    | 485.66    | 480.97    | 483.53     | 0.49    | ppb   |
| Arsenic    | 75-2  | 476.94    | 474.28    | 471.14    | 474.12     | 0.61    | ppb   |
| Barium     | 135-1 | 2452.35   | 2514.14   | 2443.98   | 2470.16    | 1.55    | ppb   |
| Barium     | 137-1 | 2439.60   | 2467.66   | 2443.50   | 2450.25    | 0.62    | ppb   |
| Beryllium  | 9-1   | 500.55    | 497.81    | 493.28    | 497.21     | 0.74    | ppb   |
| Bismuth    | 209-1 |           |           |           | 101        |         | %     |
| Bismuth    | 209-2 |           |           |           | 94         |         | %     |
| Boron      | 10-1  | 474.43    | 487.08    | 496.34    | 485.95     | 2.26    | ppb   |
| Boron      | 11-1  | 478.14    | 492.18    | 497.87    | 489.40     | 2.08    | ppb   |
| Cadmium    | 111-1 | 460.42    | 467.00    | 472.65    | 466.69     | 1.31    | ppb   |
| Cadmium    | 106-1 | 466.16    | 464.31    | 469.23    | 466.56     | 0.53    | ppb   |
| Cadmium    | 108-1 | 465.99    | 474.53    | 473.08    | 471.20     | 0.97    | ppb   |
| Calcium    | 43-1  | 235823.62 | 233493.00 | 237236.28 | 235517.63  | 0.80    | ppb   |
| Calcium    | 44-1  | 232734.77 | 231048.81 | 234534.53 | 232772.71  | 0.75    | ppb   |
| Chromium   | 52-2  | 505.03    | 501.22    | 499.44    | 501.90     | 0.57    | ppb   |
| Cobalt     | 59-2  | 496.24    | 491.71    | 486.15    | 491.37     | 1.03    | ppb   |
| Copper     | 63-2  | 973.79    | 957.86    | 959.50    | 963.72     | 0.91    | ppb   |
| Dysprosium | 156-1 |           |           |           |            |         | cps   |
| Dysprosium | 156-2 |           |           |           |            |         | cps   |
| Erbium     | 164-1 |           |           |           |            |         | cps   |
| Erbium     | 164-2 |           |           |           |            |         | cps   |
| Gadolinium | 160-1 |           |           |           |            |         | cps   |
| Gadolinium | 160-2 |           |           |           |            |         | cps   |
| Holmium    | 165-1 |           |           |           | 105        |         | %     |
| Holmium    | 165-2 |           |           |           | 98         |         | %     |
| Indium     | 115-1 |           |           |           | 97         |         | %     |
| Indium     | 115-2 |           |           |           | 88         |         | %     |
| Iron       | 56-2  | 121128.44 | 119477.34 | 120294.35 | 120300.04  | 0.69    | ppb   |
| Iron       | 57-2  | 117658.25 | 117252.10 | 116374.83 | 117095.06  | 0.56    | ppb   |
| Lead       | 206-1 | 502.12    | 499.99    | 499.55    | 500.55     | 0.27    | ppb   |
| Lead       | 207-1 | 505.25    | 505.18    | 513.16    | 507.86     | 0.90    | ppb   |
| Lead       | 208-1 | 504.16    | 500.22    | 506.92    | 503.77     | 0.67    | ppb   |
| Lithium    | 6-1   |           |           |           | 88         |         | %     |
| Magnesium  | 24-2  | 240374.84 | 235672.10 | 237008.87 | 237685.27  | 1.02    | ppb   |
| Manganese  | 55-2  | 996.37    | 983.26    | 989.07    | 989.57     | 0.66    | ppb   |

|                         |                     |                   |          |
|-------------------------|---------------------|-------------------|----------|
| LB Number :             | LB92809             | Operator :        | Jaswal   |
| Lab Sample ID :         | CCV039              | Instrumnet Name : | P8       |
| Client Sample ID :      | CCV039              | Dilution Factor : | 1        |
| Date & Time Acquired :: | 2018-01-22 17:37:46 | DataFile Name :   | 071CCV.d |

| Parameter  | Mass  | ConRep1   | ConRep2   | ConRep3   | Avg. Conc. | ConcRSD | Units |
|------------|-------|-----------|-----------|-----------|------------|---------|-------|
| Molybdenum | 94-1  | 2462.11   | 2476.75   | 2453.38   | 2464.08    | 0.48    | ppb   |
| Molybdenum | 95-1  | 2461.86   | 2490.75   | 2463.41   | 2472.01    | 0.66    | ppb   |
| Molybdenum | 96-1  | 2469.22   | 2502.76   | 2466.49   | 2479.49    | 0.81    | ppb   |
| Molybdenum | 97-1  | 2484.77   | 2497.71   | 2497.59   | 2493.36    | 0.30    | ppb   |
| Molybdenum | 98-1  | 2486.67   | 2484.93   | 2481.05   | 2484.22    | 0.12    | ppb   |
| Neodymium  | 150-1 |           |           |           |            |         | cps   |
| Neodymium  | 150-2 |           |           |           |            |         | cps   |
| Nickel     | 60-2  | 492.98    | 485.59    | 489.67    | 489.41     | 0.76    | ppb   |
| Phosphorus | 31-2  | 9414.78   | 10175.95  | 9119.75   | 9570.16    | 5.69    | ppb   |
| Potassium  | 39-2  | 118037.88 | 117177.55 | 117007.90 | 117407.77  | 0.47    | ppb   |
| Rhodium    | 103-1 |           |           |           | 93         |         | %     |
| Rhodium    | 103-2 |           |           |           | 89         |         | %     |
| Scandium   | 45-1  |           |           |           | 93         |         | %     |
| Scandium   | 45-2  |           |           |           | 83         |         | %     |
| Selenium   | 77-2  | 436.95    | 598.28    | 434.17    | 489.80     | 19.18   | ppb   |
| Selenium   | 78-2  | 521.07    | 454.63    | 499.83    | 491.85     | 6.90    | ppb   |
| Selenium   | 82-1  | 474.93    | 476.57    | 475.12    | 475.54     | 0.19    | ppb   |
| Silicon    | 28-1  | 470.80    | 473.52    | 486.77    | 477.03     | 1.79    | ppb   |
| Silver     | 109-1 | 477.14    | 483.06    | 482.39    | 480.86     | 0.67    | ppb   |
| Silver     | 107-1 | 475.92    | 482.08    | 485.01    | 481.00     | 0.96    | ppb   |
| Sodium     | 23-2  | 242612.43 | 236518.39 | 238424.11 | 239184.97  | 1.30    | ppb   |
| Strontium  | 86-1  | 485.88    | 489.36    | 488.94    | 488.06     | 0.39    | ppb   |
| Strontium  | 88-1  | 500.99    | 502.20    | 500.76    | 501.32     | 0.15    | ppb   |
| Sulfur     | 34-1  | 8448.63   | 7917.06   | 8528.55   | 8298.08    | 4.01    | ppb   |
| Terbium    | 159-1 |           |           |           | 105        |         | %     |
| Terbium    | 159-2 |           |           |           | 98         |         | %     |
| Thallium   | 203-1 | 508.21    | 505.98    | 508.75    | 507.65     | 0.29    | ppb   |
| Thallium   | 205-1 | 502.59    | 494.64    | 503.82    | 500.35     | 1.00    | ppb   |
| Tin        | 118-1 | 484.72    | 491.31    | 484.16    | 486.73     | 0.82    | ppb   |
| Titanium   | 47-1  | 2492.92   | 2438.14   | 2474.94   | 2468.66    | 1.13    | ppb   |
| Uranium    | 238-1 | 508.87    | 496.50    | 504.44    | 503.27     | 1.25    | ppb   |
| Vanadium   | 51-2  | 501.47    | 493.85    | 493.82    | 496.38     | 0.89    | ppb   |
| Yttrium    | 89-1  |           |           |           | 98         |         | %     |
| Yttrium    | 89-2  |           |           |           | 90         |         | %     |
| Zinc       | 66-2  | 969.97    | 958.25    | 962.62    | 963.62     | 0.61    | ppb   |
| Zirconium  | 90-1  | 496.32    | 501.82    | 493.18    | 497.11     | 0.88    | ppb   |

|                         |                     |                   |          |
|-------------------------|---------------------|-------------------|----------|
| LB Number :             | LB92809             | Operator :        | Jaswal   |
| Lab Sample ID :         | CCV039              | Instrumnet Name : | P8       |
| Client Sample ID :      | CCV039              | Dilution Factor : | 1        |
| Date & Time Acquired :: | 2018-01-22 17:37:46 | DataFile Name :   | 071CCV.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|-----------|------|---------|---------|---------|------------|---------|-------|
| Zirconium | 91-1 | 479.61  | 481.84  | 476.76  | 479.40     | 0.53    | ppb   |



|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB92809             | Operator :        | Jaswal    |
| Lab Sample ID :         | CCB039              | Instrumnet Name : | P8        |
| Client Sample ID :      | CCB039              | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2018-01-22 17:41:04 | DataFile Name :   | 072CCBE.d |

| Parameter  | Mass  | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|------------|-------|---------|---------|---------|------------|---------|-------|
| Aluminium  | 27-2  | -3.12   | 3.62    | -3.12   | -0.87      |         | ppb   |
| Antimony   | 121-1 | 0.41    | 0.41    | 0.41    | 0.41       | 0.69    | ppb   |
| Arsenic    | 75-2  | 0.02    | -0.01   | 0.02    | 0.01       | 126.67  | ppb   |
| Barium     | 135-1 | 0.00    | 0.02    | 0.00    | 0.01       | 140.83  | ppb   |
| Barium     | 137-1 | 0.04    | 0.01    | 0.02    | 0.02       | 72.85   | ppb   |
| Beryllium  | 9-1   | 0.22    | 0.17    | 0.16    | 0.18       | 16.06   | ppb   |
| Bismuth    | 209-1 |         |         |         | 108        |         | %     |
| Bismuth    | 209-2 |         |         |         | 100        |         | %     |
| Boron      | 10-1  | 10.84   | 12.04   | 8.72    | 10.54      | 15.96   | ppb   |
| Boron      | 11-1  | 11.79   | 10.57   | 10.12   | 10.83      | 7.95    | ppb   |
| Cadmium    | 111-1 | -0.02   | -0.07   | -0.05   | -0.05      |         | ppb   |
| Cadmium    | 106-1 | -0.73   | -1.47   | -0.91   | -1.03      |         | ppb   |
| Cadmium    | 108-1 | 0.00    | 0.00    | 0.00    | 0.00       |         | ppb   |
| Calcium    | 43-1  | -18.64  | -31.58  | -26.56  | -25.59     |         | ppb   |
| Calcium    | 44-1  | -9.04   | -7.38   | -8.80   | -8.41      |         | ppb   |
| Chromium   | 52-2  | 0.00    | -0.03   | -0.03   | -0.02      |         | ppb   |
| Cobalt     | 59-2  | 0.01    | -0.02   | -0.01   | -0.01      |         | ppb   |
| Copper     | 63-2  | 0.07    | 0.04    | 0.03    | 0.05       | 46.52   | 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 |         |         |         | 99         |         | %     |
| Indium     | 115-1 |         |         |         | 101        |         | %     |
| Indium     | 115-2 |         |         |         | 93         |         | %     |
| Iron       | 56-2  | 3.64    | 3.19    | 3.24    | 3.35       | 7.35    | ppb   |
| Iron       | 57-2  | 3.05    | 3.34    | 4.15    | 3.51       | 16.15   | ppb   |
| Lead       | 206-1 | 0.05    | 0.09    | 0.07    | 0.07       | 21.54   | ppb   |
| Lead       | 207-1 | 0.04    | 0.05    | 0.08    | 0.06       | 38.03   | ppb   |
| Lead       | 208-1 | 0.06    | 0.07    | 0.07    | 0.06       | 14.47   | ppb   |
| Lithium    | 6-1   |         |         |         | 92         |         | %     |
| Magnesium  | 24-2  | -11.58  | -4.00   | -9.77   | -8.45      |         | ppb   |
| Manganese  | 55-2  | -0.02   | 0.08    | -0.02   | 0.01       | 436.79  | ppb   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB92809             | Operator :        | Jaswal    |
| Lab Sample ID :         | CCB039              | Instrumnet Name : | P8        |
| Client Sample ID :      | CCB039              | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2018-01-22 17:41:04 | DataFile Name :   | 072CCBE.d |

| Parameter  | Mass  | ConRep1  | ConRep2  | ConRep3  | Avg. Conc. | ConcRSD | Units |
|------------|-------|----------|----------|----------|------------|---------|-------|
| Molybdenum | 94-1  | 0.19     | 0.13     | 0.13     | 0.15       | 20.92   | ppb   |
| Molybdenum | 95-1  | 0.16     | 0.12     | 0.13     | 0.14       | 14.24   | ppb   |
| Molybdenum | 96-1  | 0.18     | 0.12     | 0.12     | 0.14       | 22.79   | ppb   |
| Molybdenum | 97-1  | 0.18     | 0.19     | 0.16     | 0.18       | 8.15    | ppb   |
| Molybdenum | 98-1  | 0.16     | 0.12     | 0.13     | 0.14       | 18.04   | ppb   |
| Neodymium  | 150-1 |          |          |          |            |         | cps   |
| Neodymium  | 150-2 |          |          |          |            |         | cps   |
| Nickel     | 60-2  | -0.16    | -0.12    | 0.17     | -0.04      |         | ppb   |
| Phosphorus | 31-2  | -4.97    | -4.97    | -4.97    | -4.97      |         | ppb   |
| Potassium  | 39-2  | -4.78    | -7.27    | 23.11    | 3.69       | 457.26  | ppb   |
| Rhodium    | 103-1 |          |          |          | 100        |         | %     |
| Rhodium    | 103-2 |          |          |          | 96         |         | %     |
| Scandium   | 45-1  |          |          |          | 94         |         | %     |
| Scandium   | 45-2  |          |          |          | 84         |         | %     |
| Selenium   | 77-2  | 0.00     | 0.00     | 7.93     | 2.64       | 173.21  | ppb   |
| Selenium   | 78-2  | 0.48     | 0.50     | -0.77    | 0.07       | 1016.02 | ppb   |
| Selenium   | 82-1  | 0.55     | 0.84     | 0.29     | 0.56       | 49.20   | ppb   |
| Silicon    | 28-1  | -16.54   | -19.96   | -19.60   | -18.70     |         | ppb   |
| Silver     | 109-1 | 0.01     | 0.03     | 0.01     | 0.02       | 47.96   | ppb   |
| Silver     | 107-1 | 0.02     | 0.01     | 0.01     | 0.02       | 39.41   | ppb   |
| Sodium     | 23-2  | 31.56    | 34.63    | 42.02    | 36.07      | 14.90   | ppb   |
| Strontium  | 86-1  | -0.03    | 0.04     | -0.07    | -0.02      |         | ppb   |
| Strontium  | 88-1  | 0.01     | 0.00     | 0.01     | 0.01       | 43.28   | ppb   |
| Sulfur     | 34-1  | -1518.76 | -1889.19 | -2045.55 | -1817.83   |         | ppb   |
| Terbium    | 159-1 |          |          |          | 105        |         | %     |
| Terbium    | 159-2 |          |          |          | 99         |         | %     |
| Thallium   | 203-1 | 0.12     | 0.08     | 0.08     | 0.09       | 27.65   | ppb   |
| Thallium   | 205-1 | 0.11     | 0.09     | 0.08     | 0.09       | 13.05   | ppb   |
| Tin        | 118-1 | 0.03     | 0.06     | 0.05     | 0.05       | 25.24   | ppb   |
| Titanium   | 47-1  | -0.03    | -0.07    | 0.01     | -0.03      |         | ppb   |
| Uranium    | 238-1 | 0.00     | 0.00     | 0.00     | 0.00       |         | ppb   |
| Vanadium   | 51-2  | 0.03     | -0.01    | 0.00     | 0.01       | 252.70  | ppb   |
| Yttrium    | 89-1  |          |          |          | 99         |         | %     |
| Yttrium    | 89-2  |          |          |          | 91         |         | %     |
| Zinc       | 66-2  | 0.24     | 0.10     | 0.07     | 0.14       | 66.32   | ppb   |
| Zirconium  | 90-1  | 0.03     | 0.03     | 0.03     | 0.03       | 10.33   | ppb   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB92809             | Operator :        | Jaswal    |
| Lab Sample ID :         | CCB039              | Instrumnet Name : | P8        |
| Client Sample ID :      | CCB039              | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2018-01-22 17:41:04 | DataFile Name :   | 072CCBE.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|-----------|------|---------|---------|---------|------------|---------|-------|
| Zirconium | 91-1 | 0.02    | 0.04    | 0.03    | 0.03       | 35.53   | ppb   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB92809             | Operator :        | Jaswal    |
| Lab Sample ID :         | PB105870BL          | Instrumnet Name : | P8        |
| Client Sample ID :      | PBS008              | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2018-01-22 17:44:15 | DataFile Name :   | 073CCBE.d |

| Parameter  | Mass  | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|------------|-------|---------|---------|---------|------------|---------|-------|
| Aluminium  | 27-2  | -0.93   | 5.69    | -3.12   | 0.55       | 836.56  | ppb   |
| Antimony   | 121-1 | 0.12    | 0.12    | 0.13    | 0.12       | 5.66    | ppb   |
| Arsenic    | 75-2  | -0.03   | -0.03   | -0.01   | -0.02      |         | ppb   |
| Barium     | 135-1 | -0.01   | -0.01   | -0.02   | -0.01      |         | ppb   |
| Barium     | 137-1 | 0.00    | 0.00    | 0.00    | 0.00       | 40.41   | ppb   |
| Beryllium  | 9-1   | 0.06    | 0.11    | 0.09    | 0.09       | 28.37   | ppb   |
| Bismuth    | 209-1 |         |         |         | 111        |         | %     |
| Bismuth    | 209-2 |         |         |         | 103        |         | %     |
| Boron      | 10-1  | 4.20    | 4.40    | 3.45    | 4.02       | 12.44   | ppb   |
| Boron      | 11-1  | 4.90    | 4.58    | 4.28    | 4.58       | 6.72    | ppb   |
| Cadmium    | 111-1 | -0.05   | 0.00    | -0.02   | -0.02      |         | ppb   |
| Cadmium    | 106-1 | -0.72   | -0.10   | -0.24   | -0.36      |         | ppb   |
| Cadmium    | 108-1 | 0.00    | 0.07    | -0.04   | 0.01       | 592.04  | ppb   |
| Calcium    | 43-1  | -27.73  | -21.18  | -16.80  | -21.90     |         | ppb   |
| Calcium    | 44-1  | -14.82  | -12.78  | -9.42   | -12.34     |         | ppb   |
| Chromium   | 52-2  | 0.02    | 0.05    | 0.08    | 0.05       | 59.07   | ppb   |
| Cobalt     | 59-2  | -0.02   | -0.02   | -0.02   | -0.02      |         | ppb   |
| Copper     | 63-2  | 0.05    | 0.04    | 0.00    | 0.03       | 100.79  | 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 |         |         |         | 107        |         | %     |
| Holmium    | 165-2 |         |         |         | 102        |         | %     |
| Indium     | 115-1 |         |         |         | 104        |         | %     |
| Indium     | 115-2 |         |         |         | 96         |         | %     |
| Iron       | 56-2  | 1.31    | 1.65    | 1.20    | 1.39       | 16.89   | ppb   |
| Iron       | 57-2  | 1.32    | 1.97    | 2.46    | 1.92       | 30.03   | ppb   |
| Lead       | 206-1 | 0.06    | 0.06    | 0.06    | 0.06       | 2.76    | ppb   |
| Lead       | 207-1 | 0.07    | 0.05    | 0.07    | 0.06       | 19.82   | ppb   |
| Lead       | 208-1 | 0.06    | 0.06    | 0.06    | 0.06       | 4.70    | ppb   |
| Lithium    | 6-1   |         |         |         | 95         |         | %     |
| Magnesium  | 24-2  | -5.88   | -7.60   | -6.60   | -6.69      |         | ppb   |
| Manganese  | 55-2  | 0.00    | -0.02   | -0.02   | -0.01      |         | ppb   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB92809             | Operator :        | Jaswal    |
| Lab Sample ID :         | PB105870BL          | Instrumnet Name : | P8        |
| Client Sample ID :      | PBS008              | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2018-01-22 17:44:15 | DataFile Name :   | 073CCBE.d |

| Parameter  | Mass  | ConRep1  | ConRep2  | ConRep3  | Avg. Conc. | ConcRSD | Units |
|------------|-------|----------|----------|----------|------------|---------|-------|
| Molybdenum | 94-1  | 0.03     | 0.01     | 0.04     | 0.03       | 54.50   | ppb   |
| Molybdenum | 95-1  | 0.04     | 0.03     | 0.02     | 0.03       | 22.31   | ppb   |
| Molybdenum | 96-1  | 0.03     | 0.02     | 0.05     | 0.03       | 48.52   | ppb   |
| Molybdenum | 97-1  | 0.03     | 0.02     | 0.02     | 0.02       | 26.96   | ppb   |
| Molybdenum | 98-1  | 0.04     | 0.00     | 0.01     | 0.01       | 134.79  | ppb   |
| Neodymium  | 150-1 |          |          |          |            |         | cps   |
| Neodymium  | 150-2 |          |          |          |            |         | cps   |
| Nickel     | 60-2  | -0.24    | 0.24     | -0.12    | -0.04      |         | ppb   |
| Phosphorus | 31-2  | -4.97    | -4.97    | -4.97    | -4.97      |         | ppb   |
| Potassium  | 39-2  | -6.59    | 7.92     | -19.78   | -6.15      |         | ppb   |
| Rhodium    | 103-1 |          |          |          | 102        |         | %     |
| Rhodium    | 103-2 |          |          |          | 98         |         | %     |
| Scandium   | 45-1  |          |          |          | 97         |         | %     |
| Scandium   | 45-2  |          |          |          | 86         |         | %     |
| Selenium   | 77-2  | 0.00     | 0.00     | 0.00     | 0.00       | N/A     | ppb   |
| Selenium   | 78-2  | -0.77    | 4.14     | 0.46     | 1.28       | 200.23  | ppb   |
| Selenium   | 82-1  | 0.58     | -0.14    | -0.11    | 0.11       | 371.13  | ppb   |
| Silicon    | 28-1  | -23.69   | -23.23   | -21.80   | -22.91     |         | ppb   |
| Silver     | 109-1 | 0.00     | 0.01     | 0.00     | 0.00       | 100.29  | ppb   |
| Silver     | 107-1 | 0.00     | 0.01     | 0.01     | 0.01       | 47.71   | ppb   |
| Sodium     | 23-2  | 20.89    | 23.16    | 14.17    | 19.41      | 24.08   | ppb   |
| Strontium  | 86-1  | 0.00     | -0.07    | 0.04     | -0.01      |         | ppb   |
| Strontium  | 88-1  | 0.00     | 0.00     | 0.00     | 0.00       | 1157.91 | ppb   |
| Sulfur     | 34-1  | -2326.26 | -1941.13 | -1802.16 | -2023.18   |         | ppb   |
| Terbium    | 159-1 |          |          |          | 108        |         | %     |
| Terbium    | 159-2 |          |          |          | 101        |         | %     |
| Thallium   | 203-1 | 0.06     | 0.05     | 0.07     | 0.06       | 20.31   | ppb   |
| Thallium   | 205-1 | 0.04     | 0.05     | 0.05     | 0.05       | 12.57   | ppb   |
| Tin        | 118-1 | -0.01    | 0.05     | 0.00     | 0.02       | 203.97  | ppb   |
| Titanium   | 47-1  | -0.03    | -0.06    | 0.01     | -0.03      |         | ppb   |
| Uranium    | 238-1 | 0.00     | 0.00     | 0.00     | 0.00       |         | ppb   |
| Vanadium   | 51-2  | 0.01     | 0.02     | 0.01     | 0.01       | 40.50   | ppb   |
| Yttrium    | 89-1  |          |          |          | 102        |         | %     |
| Yttrium    | 89-2  |          |          |          | 94         |         | %     |
| Zinc       | 66-2  | -0.02    | -0.05    | 0.09     | 0.01       | 1071.26 | ppb   |
| Zirconium  | 90-1  | 0.02     | 0.01     | 0.01     | 0.01       | 49.33   | ppb   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB92809             | Operator :        | Jaswal    |
| Lab Sample ID :         | PB105870BL          | Instrumnet Name : | P8        |
| Client Sample ID :      | PBS008              | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2018-01-22 17:44:15 | DataFile Name :   | 073CCBE.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|-----------|------|---------|---------|---------|------------|---------|-------|
| Zirconium | 91-1 | 0.00    | 0.00    | 0.01    | 0.01       | 99.91   | ppb   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB92809             | Operator :        | Jaswal    |
| Lab Sample ID :         | PB105870BS          | Instrumnet Name : | P8        |
| Client Sample ID :      | LCS008              | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2018-01-22 17:47:27 | DataFile Name :   | 074LCSE.d |

| Parameter  | Mass  | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|------------|-------|---------|---------|---------|------------|---------|-------|
| Aluminium  | 27-2  | 31.18   | 38.82   | 42.09   | 37.36      | 14.99   | ppb   |
| Antimony   | 121-1 | 3.83    | 3.88    | 3.89    | 3.87       | 0.81    | ppb   |
| Arsenic    | 75-2  | 1.94    | 1.57    | 1.75    | 1.75       | 10.66   | ppb   |
| Barium     | 135-1 | 19.36   | 19.74   | 18.71   | 19.27      | 2.70    | ppb   |
| Barium     | 137-1 | 19.56   | 19.26   | 19.11   | 19.31      | 1.19    | ppb   |
| Beryllium  | 9-1   | 2.13    | 2.16    | 1.95    | 2.08       | 5.47    | ppb   |
| Bismuth    | 209-1 |         |         |         | 110        |         | %     |
| Bismuth    | 209-2 |         |         |         | 103        |         | %     |
| Boron      | 10-1  | 49.79   | 49.04   | 45.02   | 47.95      | 5.35    | ppb   |
| Boron      | 11-1  | 45.13   | 48.11   | 48.65   | 47.30      | 4.01    | ppb   |
| Cadmium    | 111-1 | 1.78    | 1.80    | 1.87    | 1.82       | 2.52    | ppb   |
| Cadmium    | 106-1 | 1.35    | 1.15    | 1.19    | 1.23       | 8.69    | ppb   |
| Cadmium    | 108-1 | 2.07    | 2.21    | 2.21    | 2.16       | 3.74    | ppb   |
| Calcium    | 43-1  | 847.27  | 964.81  | 929.01  | 913.70     | 6.59    | ppb   |
| Calcium    | 44-1  | 894.87  | 938.32  | 895.46  | 909.55     | 2.74    | ppb   |
| Chromium   | 52-2  | 4.52    | 4.59    | 3.92    | 4.34       | 8.53    | ppb   |
| Cobalt     | 59-2  | 1.94    | 2.10    | 1.92    | 1.99       | 5.02    | ppb   |
| Copper     | 63-2  | 4.09    | 4.28    | 4.10    | 4.16       | 2.66    | ppb   |
| Dysprosium | 156-1 |         |         |         |            |         | cps   |
| Dysprosium | 156-2 |         |         |         |            |         | cps   |
| Erbium     | 164-1 |         |         |         |            |         | cps   |
| Erbium     | 164-2 |         |         |         |            |         | cps   |
| Gadolinium | 160-1 |         |         |         |            |         | cps   |
| Gadolinium | 160-2 |         |         |         |            |         | cps   |
| Holmium    | 165-1 |         |         |         | 107        |         | %     |
| Holmium    | 165-2 |         |         |         | 102        |         | %     |
| Indium     | 115-1 |         |         |         | 103        |         | %     |
| Indium     | 115-2 |         |         |         | 97         |         | %     |
| Iron       | 56-2  | 449.52  | 466.76  | 454.10  | 456.80     | 1.95    | ppb   |
| Iron       | 57-2  | 490.03  | 449.86  | 430.22  | 456.70     | 6.68    | ppb   |
| Lead       | 206-1 | 1.93    | 2.04    | 1.89    | 1.95       | 3.92    | ppb   |
| Lead       | 207-1 | 2.02    | 2.02    | 1.97    | 2.00       | 1.40    | ppb   |
| Lead       | 208-1 | 1.95    | 2.03    | 1.96    | 1.98       | 2.30    | ppb   |
| Lithium    | 6-1   |         |         |         | 95         |         | %     |
| Magnesium  | 24-2  | 893.06  | 937.39  | 935.36  | 921.94     | 2.71    | ppb   |
| Manganese  | 55-2  | 2.14    | 2.34    | 2.17    | 2.21       | 4.96    | ppb   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB92809             | Operator :        | Jaswal    |
| Lab Sample ID :         | PB105870BS          | Instrumnet Name : | P8        |
| Client Sample ID :      | LCS008              | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2018-01-22 17:47:27 | DataFile Name :   | 074LCSE.d |

| Parameter  | Mass  | ConRep1  | ConRep2  | ConRep3  | Avg. Conc. | ConcRSD | Units |
|------------|-------|----------|----------|----------|------------|---------|-------|
| Molybdenum | 94-1  | 9.67     | 9.56     | 9.54     | 9.59       | 0.75    | ppb   |
| Molybdenum | 95-1  | 9.31     | 9.69     | 9.68     | 9.56       | 2.26    | ppb   |
| Molybdenum | 96-1  | 9.72     | 9.73     | 9.42     | 9.62       | 1.83    | ppb   |
| Molybdenum | 97-1  | 9.03     | 9.46     | 9.55     | 9.35       | 2.96    | ppb   |
| Molybdenum | 98-1  | 9.47     | 9.51     | 9.53     | 9.50       | 0.29    | ppb   |
| Neodymium  | 150-1 |          |          |          |            |         | cps   |
| Neodymium  | 150-2 |          |          |          |            |         | cps   |
| Nickel     | 60-2  | 2.14     | 2.63     | 2.47     | 2.41       | 10.34   | ppb   |
| Phosphorus | 31-2  | -4.97    | -4.97    | 29.48    | 6.51       | 305.49  | ppb   |
| Potassium  | 39-2  | 947.86   | 918.02   | 868.32   | 911.40     | 4.41    | ppb   |
| Rhodium    | 103-1 |          |          |          | 102        |         | %     |
| Rhodium    | 103-2 |          |          |          | 99         |         | %     |
| Scandium   | 45-1  |          |          |          | 96         |         | %     |
| Scandium   | 45-2  |          |          |          | 87         |         | %     |
| Selenium   | 77-2  | 22.69    | 15.19    | 7.54     | 15.14      | 50.05   | ppb   |
| Selenium   | 78-2  | 2.91     | 6.61     | 17.59    | 9.04       | 84.44   | ppb   |
| Selenium   | 82-1  | 9.29     | 10.31    | 10.14    | 9.91       | 5.49    | ppb   |
| Silicon    | 28-1  | 8.03     | 11.56    | 6.67     | 8.75       | 28.81   | ppb   |
| Silver     | 109-1 | 2.04     | 1.98     | 1.98     | 2.00       | 1.66    | ppb   |
| Silver     | 107-1 | 2.02     | 1.96     | 1.98     | 1.98       | 1.55    | ppb   |
| Sodium     | 23-2  | 927.33   | 995.38   | 929.77   | 950.83     | 4.06    | ppb   |
| Strontium  | 86-1  | 2.08     | 2.06     | 1.98     | 2.04       | 2.54    | ppb   |
| Strontium  | 88-1  | 1.96     | 2.00     | 1.97     | 1.98       | 1.05    | ppb   |
| Sulfur     | 34-1  | -1917.11 | -1316.21 | -2081.55 | -1771.62   |         | ppb   |
| Terbium    | 159-1 |          |          |          | 107        |         | %     |
| Terbium    | 159-2 |          |          |          | 101        |         | %     |
| Thallium   | 203-1 | 2.02     | 1.99     | 1.95     | 1.99       | 1.86    | ppb   |
| Thallium   | 205-1 | 2.01     | 1.99     | 1.95     | 1.98       | 1.63    | ppb   |
| Tin        | 118-1 | 9.23     | 9.28     | 9.31     | 9.27       | 0.44    | ppb   |
| Titanium   | 47-1  | 9.62     | 10.02    | 8.88     | 9.51       | 6.08    | ppb   |
| Uranium    | 238-1 | 1.81     | 1.86     | 1.82     | 1.83       | 1.28    | ppb   |
| Vanadium   | 51-2  | 9.31     | 9.89     | 9.67     | 9.62       | 3.05    | ppb   |
| Yttrium    | 89-1  |          |          |          | 101        |         | %     |
| Yttrium    | 89-2  |          |          |          | 94         |         | %     |
| Zinc       | 66-2  | 4.23     | 5.09     | 4.36     | 4.56       | 10.15   | ppb   |
| Zirconium  | 90-1  | 1.99     | 2.00     | 2.02     | 2.00       | 0.90    | ppb   |



|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB92809             | Operator :        | Jaswal    |
| Lab Sample ID :         | PB105870BS          | Instrumnet Name : | P8        |
| Client Sample ID :      | LCS008              | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2018-01-22 17:47:27 | DataFile Name :   | 074LCSE.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|-----------|------|---------|---------|---------|------------|---------|-------|
| Zirconium | 91-1 | 2.06    | 2.00    | 2.00    | 2.02       | 1.85    | ppb   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB92809             | Operator :        | Jaswal    |
| Lab Sample ID :         | PB105864BL          | Instrumnet Name : | P8        |
| Client Sample ID :      | PBW007              | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2018-01-22 17:50:39 | DataFile Name :   | 075CCBE.d |

| Parameter  | Mass  | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|------------|-------|---------|---------|---------|------------|---------|-------|
| Aluminium  | 27-2  | -0.92   | -0.96   | -3.12   | -1.66      |         | ppb   |
| Antimony   | 121-1 | 0.04    | 0.04    | 0.03    | 0.04       | 11.11   | ppb   |
| Arsenic    | 75-2  | 0.05    | 0.02    | -0.01   | 0.02       | 136.28  | ppb   |
| Barium     | 135-1 | -0.01   | 0.00    | 0.00    | 0.00       |         | ppb   |
| Barium     | 137-1 | 0.00    | 0.01    | 0.01    | 0.00       | 156.83  | ppb   |
| Beryllium  | 9-1   | 0.06    | 0.07    | 0.04    | 0.05       | 31.26   | ppb   |
| Bismuth    | 209-1 |         |         |         | 106        |         | %     |
| Bismuth    | 209-2 |         |         |         | 103        |         | %     |
| Boron      | 10-1  | 2.98    | 4.50    | 3.21    | 3.57       | 22.90   | ppb   |
| Boron      | 11-1  | 3.53    | 4.18    | 3.55    | 3.75       | 9.93    | ppb   |
| Cadmium    | 111-1 | -0.02   | -0.09   | -0.02   | -0.05      |         | ppb   |
| Cadmium    | 106-1 | -0.31   | -1.29   | -0.25   | -0.62      |         | ppb   |
| Cadmium    | 108-1 | 0.00    | 0.00    | 0.00    | 0.00       |         | ppb   |
| Calcium    | 43-1  | -27.91  | -14.75  | -20.34  | -21.00     |         | ppb   |
| Calcium    | 44-1  | -13.15  | -7.91   | -13.24  | -11.43     |         | ppb   |
| Chromium   | 52-2  | 0.05    | -0.09   | 0.05    | 0.01       | 1354.43 | ppb   |
| Cobalt     | 59-2  | -0.01   | -0.03   | -0.02   | -0.02      |         | ppb   |
| Copper     | 63-2  | 0.00    | 0.01    | -0.01   | 0.00       |         | ppb   |
| Dysprosium | 156-1 |         |         |         |            |         | cps   |
| Dysprosium | 156-2 |         |         |         |            |         | cps   |
| Erbium     | 164-1 |         |         |         |            |         | cps   |
| Erbium     | 164-2 |         |         |         |            |         | cps   |
| Gadolinium | 160-1 |         |         |         |            |         | cps   |
| Gadolinium | 160-2 |         |         |         |            |         | cps   |
| Holmium    | 165-1 |         |         |         | 104        |         | %     |
| Holmium    | 165-2 |         |         |         | 102        |         | %     |
| Indium     | 115-1 |         |         |         | 100        |         | %     |
| Indium     | 115-2 |         |         |         | 96         |         | %     |
| Iron       | 56-2  | 0.96    | 0.50    | 0.21    | 0.55       | 68.37   | ppb   |
| Iron       | 57-2  | 1.96    | 1.27    | 0.58    | 1.27       | 54.19   | ppb   |
| Lead       | 206-1 | 0.05    | 0.06    | 0.05    | 0.06       | 10.06   | ppb   |
| Lead       | 207-1 | 0.04    | 0.05    | 0.05    | 0.05       | 9.91    | ppb   |
| Lead       | 208-1 | 0.05    | 0.06    | 0.05    | 0.05       | 17.16   | ppb   |
| Lithium    | 6-1   |         |         |         | 92         |         | %     |
| Magnesium  | 24-2  | -6.70   | -6.08   | -8.63   | -7.14      |         | ppb   |
| Manganese  | 55-2  | -0.07   | -0.04   | -0.02   | -0.04      |         | ppb   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB92809             | Operator :        | Jaswal    |
| Lab Sample ID :         | PB105864BL          | Instrumnet Name : | P8        |
| Client Sample ID :      | PBW007              | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2018-01-22 17:50:39 | DataFile Name :   | 075CCBE.d |

| Parameter  | Mass  | ConRep1  | ConRep2 | ConRep3  | Avg. Conc. | ConcRSD | Units |
|------------|-------|----------|---------|----------|------------|---------|-------|
| Molybdenum | 94-1  | -0.02    | -0.01   | 0.01     | -0.01      |         | ppb   |
| Molybdenum | 95-1  | 0.01     | 0.00    | 0.01     | 0.01       | 157.44  | ppb   |
| Molybdenum | 96-1  | 0.00     | 0.01    | 0.01     | 0.01       | 123.10  | ppb   |
| Molybdenum | 97-1  | 0.03     | 0.00    | -0.01    | 0.01       | 229.69  | ppb   |
| Molybdenum | 98-1  | -0.01    | -0.01   | 0.00     | -0.01      |         | ppb   |
| Neodymium  | 150-1 |          |         |          |            |         | cps   |
| Neodymium  | 150-2 |          |         |          |            |         | cps   |
| Nickel     | 60-2  | -0.07    | -0.02   | 0.03     | -0.02      |         | ppb   |
| Phosphorus | 31-2  | -4.97    | -4.97   | -4.97    | -4.97      |         | ppb   |
| Potassium  | 39-2  | -6.56    | -10.15  | -23.78   | -13.49     |         | ppb   |
| Rhodium    | 103-1 |          |         |          | 98         |         | %     |
| Rhodium    | 103-2 |          |         |          | 98         |         | %     |
| Scandium   | 45-1  |          |         |          | 94         |         | %     |
| Scandium   | 45-2  |          |         |          | 87         |         | %     |
| Selenium   | 77-2  | 0.00     | 0.00    | 0.00     | 0.00       | N/A     | ppb   |
| Selenium   | 78-2  | 2.93     | 4.13    | -0.77    | 2.10       | 121.83  | ppb   |
| Selenium   | 82-1  | 0.79     | -0.14   | -0.44    | 0.07       | 901.84  | ppb   |
| Silicon    | 28-1  | -22.62   | -7.73   | -23.07   | -17.81     |         | ppb   |
| Silver     | 109-1 | 0.00     | 0.01    | 0.01     | 0.00       | 101.71  | ppb   |
| Silver     | 107-1 | 0.00     | 0.01    | 0.01     | 0.00       | 143.23  | ppb   |
| Sodium     | 23-2  | 18.41    | 4.70    | 7.40     | 10.17      | 71.38   | ppb   |
| Strontium  | 86-1  | -0.01    | 0.05    | -0.01    | 0.01       | 334.49  | ppb   |
| Strontium  | 88-1  | 0.00     | 0.01    | 0.00     | 0.00       | 267.85  | ppb   |
| Sulfur     | 34-1  | -2024.64 | -372.94 | -2008.83 | -1468.80   |         | ppb   |
| Terbium    | 159-1 |          |         |          | 103        |         | %     |
| Terbium    | 159-2 |          |         |          | 101        |         | %     |
| Thallium   | 203-1 | 0.03     | 0.04    | 0.04     | 0.04       | 15.90   | ppb   |
| Thallium   | 205-1 | 0.03     | 0.04    | 0.04     | 0.04       | 14.42   | ppb   |
| Tin        | 118-1 | -0.02    | 0.02    | 0.01     | 0.00       |         | ppb   |
| Titanium   | 47-1  | -0.04    | -0.10   | 0.00     | -0.05      |         | ppb   |
| Uranium    | 238-1 | 0.00     | 0.00    | 0.00     | 0.00       |         | ppb   |
| Vanadium   | 51-2  | -0.01    | 0.00    | -0.01    | 0.00       |         | ppb   |
| Yttrium    | 89-1  |          |         |          | 98         |         | %     |
| Yttrium    | 89-2  |          |         |          | 95         |         | %     |
| Zinc       | 66-2  | 0.02     | 0.02    | 0.02     | 0.02       | 14.68   | ppb   |
| Zirconium  | 90-1  | 0.00     | 0.02    | 0.01     | 0.01       | 106.38  | ppb   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB92809             | Operator :        | Jaswal    |
| Lab Sample ID :         | PB105864BL          | Instrumnet Name : | P8        |
| Client Sample ID :      | PBW007              | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2018-01-22 17:50:39 | DataFile Name :   | 075CCBE.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|-----------|------|---------|---------|---------|------------|---------|-------|
| Zirconium | 91-1 | 0.01    | 0.01    | 0.01    | 0.01       | 23.65   | ppb   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB92809             | Operator :        | Jaswal    |
| Lab Sample ID :         | PB105864BS          | Instrumnet Name : | P8        |
| Client Sample ID :      | LCS007              | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2018-01-22 17:53:51 | DataFile Name :   | 076LCSE.d |

| Parameter  | Mass  | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|------------|-------|---------|---------|---------|------------|---------|-------|
| Aluminium  | 27-2  | 46.18   | 24.96   | 22.83   | 31.33      | 41.21   | ppb   |
| Antimony   | 121-1 | 3.81    | 3.74    | 3.78    | 3.78       | 0.94    | ppb   |
| Arsenic    | 75-2  | 1.94    | 2.03    | 2.10    | 2.02       | 4.00    | ppb   |
| Barium     | 135-1 | 18.92   | 19.18   | 18.93   | 19.01      | 0.77    | ppb   |
| Barium     | 137-1 | 18.88   | 18.82   | 19.00   | 18.90      | 0.46    | ppb   |
| Beryllium  | 9-1   | 1.95    | 1.82    | 1.97    | 1.91       | 4.23    | ppb   |
| Bismuth    | 209-1 |         |         |         | 110        |         | %     |
| Bismuth    | 209-2 |         |         |         | 103        |         | %     |
| Boron      | 10-1  | 42.18   | 45.29   | 48.27   | 45.25      | 6.73    | ppb   |
| Boron      | 11-1  | 43.60   | 45.86   | 47.24   | 45.57      | 4.03    | ppb   |
| Cadmium    | 111-1 | 1.99    | 1.99    | 1.86    | 1.95       | 3.83    | ppb   |
| Cadmium    | 106-1 | 1.16    | 2.36    | 0.15    | 1.22       | 90.30   | ppb   |
| Cadmium    | 108-1 | 2.23    | 1.43    | 1.63    | 1.77       | 23.56   | ppb   |
| Calcium    | 43-1  | 854.01  | 896.17  | 870.47  | 873.55     | 2.43    | ppb   |
| Calcium    | 44-1  | 894.33  | 884.09  | 895.66  | 891.36     | 0.71    | ppb   |
| Chromium   | 52-2  | 4.39    | 3.96    | 4.12    | 4.15       | 5.27    | ppb   |
| Cobalt     | 59-2  | 1.97    | 2.02    | 2.01    | 2.00       | 1.37    | ppb   |
| Copper     | 63-2  | 4.08    | 3.92    | 4.06    | 4.02       | 2.17    | ppb   |
| Dysprosium | 156-1 |         |         |         |            |         | cps   |
| Dysprosium | 156-2 |         |         |         |            |         | cps   |
| Erbium     | 164-1 |         |         |         |            |         | cps   |
| Erbium     | 164-2 |         |         |         |            |         | cps   |
| Gadolinium | 160-1 |         |         |         |            |         | cps   |
| Gadolinium | 160-2 |         |         |         |            |         | cps   |
| Holmium    | 165-1 |         |         |         | 107        |         | %     |
| Holmium    | 165-2 |         |         |         | 102        |         | %     |
| Indium     | 115-1 |         |         |         | 104        |         | %     |
| Indium     | 115-2 |         |         |         | 97         |         | %     |
| Iron       | 56-2  | 451.88  | 448.36  | 451.60  | 450.61     | 0.44    | ppb   |
| Iron       | 57-2  | 427.71  | 439.56  | 459.70  | 442.32     | 3.66    | ppb   |
| Lead       | 206-1 | 1.99    | 2.00    | 1.93    | 1.97       | 1.78    | ppb   |
| Lead       | 207-1 | 1.98    | 1.90    | 1.86    | 1.91       | 3.13    | ppb   |
| Lead       | 208-1 | 1.97    | 1.96    | 1.93    | 1.95       | 1.06    | ppb   |
| Lithium    | 6-1   |         |         |         | 96         |         | %     |
| Magnesium  | 24-2  | 941.90  | 936.71  | 920.81  | 933.14     | 1.18    | ppb   |
| Manganese  | 55-2  | 1.89    | 1.55    | 1.91    | 1.78       | 11.42   | ppb   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB92809             | Operator :        | Jaswal    |
| Lab Sample ID :         | PB105864BS          | Instrumnet Name : | P8        |
| Client Sample ID :      | LCS007              | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2018-01-22 17:53:51 | DataFile Name :   | 076LCSE.d |

| Parameter  | Mass  | ConRep1  | ConRep2  | ConRep3  | Avg. Conc. | ConcRSD | Units |
|------------|-------|----------|----------|----------|------------|---------|-------|
| Molybdenum | 94-1  | 9.78     | 9.77     | 9.59     | 9.71       | 1.11    | ppb   |
| Molybdenum | 95-1  | 9.38     | 9.44     | 9.07     | 9.30       | 2.09    | ppb   |
| Molybdenum | 96-1  | 9.31     | 9.47     | 9.25     | 9.35       | 1.21    | ppb   |
| Molybdenum | 97-1  | 9.21     | 9.75     | 9.31     | 9.42       | 3.04    | ppb   |
| Molybdenum | 98-1  | 9.41     | 9.45     | 9.20     | 9.35       | 1.42    | ppb   |
| Neodymium  | 150-1 |          |          |          |            |         | cps   |
| Neodymium  | 150-2 |          |          |          |            |         | cps   |
| Nickel     | 60-2  | 2.70     | 2.47     | 2.32     | 2.50       | 7.72    | ppb   |
| Phosphorus | 31-2  | 29.33    | 29.59    | 29.64    | 29.52      | 0.57    | ppb   |
| Potassium  | 39-2  | 918.47   | 894.76   | 898.66   | 903.96     | 1.41    | ppb   |
| Rhodium    | 103-1 |          |          |          | 103        |         | %     |
| Rhodium    | 103-2 |          |          |          | 99         |         | %     |
| Scandium   | 45-1  |          |          |          | 97         |         | %     |
| Scandium   | 45-2  |          |          |          | 87         |         | %     |
| Selenium   | 77-2  | 14.89    | 7.58     | 7.53     | 10.00      | 42.32   | ppb   |
| Selenium   | 78-2  | 6.47     | 10.31    | 10.23    | 9.00       | 24.40   | ppb   |
| Selenium   | 82-1  | 9.27     | 9.73     | 10.01    | 9.67       | 3.87    | ppb   |
| Silicon    | 28-1  | 8.28     | 8.67     | 6.45     | 7.80       | 15.18   | ppb   |
| Silver     | 109-1 | 1.94     | 1.97     | 1.92     | 1.94       | 1.30    | ppb   |
| Silver     | 107-1 | 1.97     | 2.01     | 1.90     | 1.96       | 2.70    | ppb   |
| Sodium     | 23-2  | 911.80   | 889.18   | 959.65   | 920.21     | 3.91    | ppb   |
| Strontium  | 86-1  | 1.87     | 1.90     | 2.10     | 1.96       | 6.28    | ppb   |
| Strontium  | 88-1  | 1.93     | 1.92     | 1.94     | 1.93       | 0.65    | ppb   |
| Sulfur     | 34-1  | -1686.18 | -2061.94 | -1920.40 | -1889.51   |         | ppb   |
| Terbium    | 159-1 |          |          |          | 107        |         | %     |
| Terbium    | 159-2 |          |          |          | 102        |         | %     |
| Thallium   | 203-1 | 1.87     | 1.88     | 1.87     | 1.87       | 0.47    | ppb   |
| Thallium   | 205-1 | 1.98     | 1.92     | 1.95     | 1.95       | 1.60    | ppb   |
| Tin        | 118-1 | 9.49     | 9.39     | 9.28     | 9.39       | 1.10    | ppb   |
| Titanium   | 47-1  | 9.49     | 9.43     | 9.03     | 9.32       | 2.68    | ppb   |
| Uranium    | 238-1 | 1.72     | 1.76     | 1.79     | 1.76       | 2.09    | ppb   |
| Vanadium   | 51-2  | 9.25     | 9.80     | 9.57     | 9.54       | 2.93    | ppb   |
| Yttrium    | 89-1  |          |          |          | 102        |         | %     |
| Yttrium    | 89-2  |          |          |          | 95         |         | %     |
| Zinc       | 66-2  | 3.97     | 3.10     | 4.57     | 3.88       | 19.07   | ppb   |
| Zirconium  | 90-1  | 1.97     | 1.94     | 1.95     | 1.96       | 0.75    | ppb   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB92809             | Operator :        | Jaswal    |
| Lab Sample ID :         | PB105864BS          | Instrumnet Name : | P8        |
| Client Sample ID :      | LCS007              | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2018-01-22 17:53:51 | DataFile Name :   | 076LCSE.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|-----------|------|---------|---------|---------|------------|---------|-------|
| Zirconium | 91-1 | 1.95    | 1.97    | 1.92    | 1.95       | 1.20    | ppb   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB92809             | Operator :        | Jaswal    |
| Lab Sample ID :         | J1226-01            | Instrumnet Name : | P8        |
| Client Sample ID :      | MF6A95              | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2018-01-22 17:57:04 | DataFile Name :   | 077SMPL.d |

| Parameter  | Mass  | ConRep1  | ConRep2  | ConRep3  | Avg. Conc. | ConcRSD | Units |
|------------|-------|----------|----------|----------|------------|---------|-------|
| Aluminium  | 27-2  | 12241.40 | 12341.10 | 11725.47 | 12102.66   | 2.73    | ppb   |
| Antimony   | 121-1 | 0.66     | 0.71     | 0.69     | 0.69       | 4.19    | ppb   |
| Arsenic    | 75-2  | 33.39    | 32.91    | 31.55    | 32.62      | 2.93    | ppb   |
| Barium     | 135-1 | 538.70   | 541.11   | 535.16   | 538.32     | 0.56    | ppb   |
| Barium     | 137-1 | 557.21   | 551.44   | 558.02   | 555.56     | 0.65    | ppb   |
| Beryllium  | 9-1   | 1.94     | 1.74     | 1.82     | 1.83       | 5.61    | ppb   |
| Bismuth    | 209-1 |          |          |          | 112        |         | %     |
| Bismuth    | 209-2 |          |          |          | 102        |         | %     |
| Boron      | 10-1  | 8.69     | 8.81     | 10.41    | 9.30       | 10.37   | ppb   |
| Boron      | 11-1  | 8.67     | 9.41     | 7.87     | 8.65       | 8.90    | ppb   |
| Cadmium    | 111-1 | 0.80     | 0.78     | 0.83     | 0.80       | 2.98    | ppb   |
| Cadmium    | 106-1 | 1.21     | 1.85     | 2.67     | 1.91       | 38.16   | ppb   |
| Cadmium    | 108-1 | 2.12     | 2.61     | 2.29     | 2.34       | 10.55   | ppb   |
| Calcium    | 43-1  | 37703.25 | 37843.73 | 37817.00 | 37787.99   | 0.20    | ppb   |
| Calcium    | 44-1  | 38304.69 | 38158.92 | 37659.36 | 38040.99   | 0.89    | ppb   |
| Chromium   | 52-2  | 221.03   | 220.46   | 215.31   | 218.93     | 1.44    | ppb   |
| Cobalt     | 59-2  | 30.27    | 30.39    | 29.87    | 30.18      | 0.91    | ppb   |
| Copper     | 63-2  | 59.79    | 59.27    | 58.32    | 59.13      | 1.26    | ppb   |
| Dysprosium | 156-1 |          |          |          |            |         | cps   |
| Dysprosium | 156-2 |          |          |          |            |         | cps   |
| Erbium     | 164-1 |          |          |          |            |         | cps   |
| Erbium     | 164-2 |          |          |          |            |         | cps   |
| Gadolinium | 160-1 |          |          |          |            |         | cps   |
| Gadolinium | 160-2 |          |          |          |            |         | cps   |
| Holmium    | 165-1 |          |          |          | 110        |         | %     |
| Holmium    | 165-2 |          |          |          | 102        |         | %     |
| Indium     | 115-1 |          |          |          | 105        |         | %     |
| Indium     | 115-2 |          |          |          | 95         |         | %     |
| Iron       | 56-2  | 42589.11 | 43055.41 | 42364.32 | 42669.61   | 0.83    | ppb   |
| Iron       | 57-2  | 41591.02 | 41447.53 | 41121.63 | 41386.73   | 0.58    | ppb   |
| Lead       | 206-1 | 144.99   | 143.01   | 141.54   | 143.18     | 1.21    | ppb   |
| Lead       | 207-1 | 131.28   | 130.84   | 129.00   | 130.37     | 0.92    | ppb   |
| Lead       | 208-1 | 140.93   | 138.98   | 138.82   | 139.58     | 0.84    | ppb   |
| Lithium    | 6-1   |          |          |          | 95         |         | %     |
| Magnesium  | 24-2  | 2691.06  | 2633.31  | 2619.87  | 2648.08    | 1.43    | ppb   |
| Manganese  | 55-2  | 1272.78  | 1276.98  | 1274.46  | 1274.74    | 0.17    | ppb   |



|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB92809             | Operator :        | Jaswal    |
| Lab Sample ID :         | J1226-01            | Instrumnet Name : | P8        |
| Client Sample ID :      | MF6A95              | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2018-01-22 17:57:04 | DataFile Name :   | 077SMPL.d |

| Parameter  | Mass  | ConRep1  | ConRep2  | ConRep3  | Avg. Conc. | ConcRSD | Units |
|------------|-------|----------|----------|----------|------------|---------|-------|
| Molybdenum | 94-1  | 8.21     | 8.29     | 7.96     | 8.16       | 2.10    | ppb   |
| Molybdenum | 95-1  | 1.28     | 1.19     | 1.34     | 1.27       | 5.81    | ppb   |
| Molybdenum | 96-1  | 2.16     | 2.23     | 2.28     | 2.22       | 2.68    | ppb   |
| Molybdenum | 97-1  | 1.36     | 1.37     | 1.21     | 1.32       | 6.91    | ppb   |
| Molybdenum | 98-1  | 1.23     | 1.26     | 1.27     | 1.25       | 1.78    | ppb   |
| Neodymium  | 150-1 |          |          |          |            |         | cps   |
| Neodymium  | 150-2 |          |          |          |            |         | cps   |
| Nickel     | 60-2  | 15.61    | 15.99    | 16.25    | 15.95      | 2.01    | ppb   |
| Phosphorus | 31-2  | 718.17   | 716.92   | 269.24   | 568.11     | 45.56   | ppb   |
| Potassium  | 39-2  | 869.77   | 919.53   | 852.77   | 880.69     | 3.94    | ppb   |
| Rhodium    | 103-1 |          |          |          | 103        |         | %     |
| Rhodium    | 103-2 |          |          |          | 97         |         | %     |
| Scandium   | 45-1  |          |          |          | 99         |         | %     |
| Scandium   | 45-2  |          |          |          | 88         |         | %     |
| Selenium   | 77-2  | 101.76   | 49.95    | 29.04    | 60.25      | 62.13   | ppb   |
| Selenium   | 78-2  | 11.02    | 11.96    | 9.83     | 10.94      | 9.75    | ppb   |
| Selenium   | 82-1  | 1.25     | 0.85     | 1.46     | 1.19       | 26.30   | ppb   |
| Silicon    | 28-1  | 2306.74  | 2050.55  | 4521.06  | 2959.45    | 45.90   | ppb   |
| Silver     | 109-1 | 0.15     | 0.16     | 0.16     | 0.16       | 4.42    | ppb   |
| Silver     | 107-1 | 0.16     | 0.17     | 0.16     | 0.16       | 4.37    | ppb   |
| Sodium     | 23-2  | 239.39   | 247.91   | 254.61   | 247.30     | 3.09    | ppb   |
| Strontium  | 86-1  | 142.19   | 140.99   | 142.19   | 141.79     | 0.49    | ppb   |
| Strontium  | 88-1  | 147.83   | 149.46   | 148.39   | 148.56     | 0.56    | ppb   |
| Sulfur     | 34-1  | -2325.35 | -2483.03 | -2450.61 | -2419.67   |         | ppb   |
| Terbium    | 159-1 |          |          |          | 109        |         | %     |
| Terbium    | 159-2 |          |          |          | 102        |         | %     |
| Thallium   | 203-1 | 0.25     | 0.26     | 0.26     | 0.26       | 3.05    | ppb   |
| Thallium   | 205-1 | 0.25     | 0.26     | 0.24     | 0.25       | 3.21    | ppb   |
| Tin        | 118-1 | 2.23     | 2.23     | 2.36     | 2.28       | 3.30    | ppb   |
| Titanium   | 47-1  | 32.19    | 38.30    | 30.69    | 33.73      | 11.96   | ppb   |
| Uranium    | 238-1 | 1.41     | 1.47     | 1.44     | 1.44       | 2.03    | ppb   |
| Vanadium   | 51-2  | 75.06    | 75.52    | 74.23    | 74.94      | 0.87    | ppb   |
| Yttrium    | 89-1  |          |          |          | 110        |         | %     |
| Yttrium    | 89-2  |          |          |          | 99         |         | %     |
| Zinc       | 66-2  | 2593.15  | 2617.91  | 2579.16  | 2596.74    | 0.76    | ppb   |
| Zirconium  | 90-1  | 4.62     | 4.65     | 4.59     | 4.62       | 0.62    | ppb   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB92809             | Operator :        | Jaswal    |
| Lab Sample ID :         | J1226-01            | Instrumnet Name : | P8        |
| Client Sample ID :      | MF6A95              | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2018-01-22 17:57:04 | DataFile Name :   | 077SMPL.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|-----------|------|---------|---------|---------|------------|---------|-------|
| Zirconium | 91-1 | 4.71    | 4.76    | 4.70    | 4.72       | 0.74    | ppb   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB92809             | Operator :        | Jaswal    |
| Lab Sample ID :         | J1226-02            | Instrumnet Name : | P8        |
| Client Sample ID :      | MF6A96              | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2018-01-22 18:00:15 | DataFile Name :   | 078SMPL.d |

| Parameter  | Mass  | ConRep1  | ConRep2  | ConRep3  | Avg. Conc. | ConcRSD | Units |
|------------|-------|----------|----------|----------|------------|---------|-------|
| Aluminium  | 27-2  | 12663.51 | 13469.47 | 13494.07 | 13209.02   | 3.58    | ppb   |
| Antimony   | 121-1 | 0.24     | 0.27     | 0.27     | 0.26       | 6.56    | ppb   |
| Arsenic    | 75-2  | 7.40     | 7.21     | 8.43     | 7.68       | 8.60    | ppb   |
| Barium     | 135-1 | 568.13   | 573.61   | 575.32   | 572.35     | 0.66    | ppb   |
| Barium     | 137-1 | 585.70   | 591.38   | 592.78   | 589.95     | 0.64    | ppb   |
| Beryllium  | 9-1   | 2.01     | 2.14     | 2.07     | 2.07       | 3.08    | ppb   |
| Bismuth    | 209-1 |          |          |          | 111        |         | %     |
| Bismuth    | 209-2 |          |          |          | 98         |         | %     |
| Boron      | 10-1  | 4.71     | 4.82     | 3.61     | 4.38       | 15.26   | ppb   |
| Boron      | 11-1  | 4.51     | 4.64     | 4.31     | 4.48       | 3.66    | ppb   |
| Cadmium    | 111-1 | 0.05     | 0.06     | 0.22     | 0.11       | 90.24   | ppb   |
| Cadmium    | 106-1 | -0.50    | -0.16    | 1.53     | 0.29       | 374.24  | ppb   |
| Cadmium    | 108-1 | 0.71     | 0.39     | 0.36     | 0.49       | 39.43   | ppb   |
| Calcium    | 43-1  | 18993.94 | 19099.74 | 18932.23 | 19008.64   | 0.45    | ppb   |
| Calcium    | 44-1  | 19285.13 | 19124.46 | 19279.68 | 19229.76   | 0.47    | ppb   |
| Chromium   | 52-2  | 25.00    | 27.61    | 28.19    | 26.93      | 6.30    | ppb   |
| Cobalt     | 59-2  | 23.54    | 24.36    | 25.46    | 24.45      | 3.94    | ppb   |
| Copper     | 63-2  | 16.59    | 17.14    | 18.12    | 17.28      | 4.48    | 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 |          |          |          | 109        |         | %     |
| Holmium    | 165-2 |          |          |          | 97         |         | %     |
| Indium     | 115-1 |          |          |          | 104        |         | %     |
| Indium     | 115-2 |          |          |          | 90         |         | %     |
| Iron       | 56-2  | 27782.44 | 29171.38 | 30258.18 | 29070.67   | 4.27    | ppb   |
| Iron       | 57-2  | 26991.01 | 28597.59 | 29457.35 | 28348.65   | 4.42    | ppb   |
| Lead       | 206-1 | 47.19    | 47.04    | 47.04    | 47.09      | 0.18    | ppb   |
| Lead       | 207-1 | 42.35    | 42.94    | 42.23    | 42.51      | 0.89    | ppb   |
| Lead       | 208-1 | 44.42    | 44.85    | 44.54    | 44.60      | 0.50    | ppb   |
| Lithium    | 6-1   |          |          |          | 94         |         | %     |
| Magnesium  | 24-2  | 3582.68  | 3682.20  | 3889.55  | 3718.14    | 4.21    | ppb   |
| Manganese  | 55-2  | 1271.19  | 1327.05  | 1363.62  | 1320.62    | 3.52    | ppb   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB92809             | Operator :        | Jaswal    |
| Lab Sample ID :         | J1226-02            | Instrumnet Name : | P8        |
| Client Sample ID :      | MF6A96              | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2018-01-22 18:00:15 | DataFile Name :   | 078SMPL.d |

| Parameter  | Mass  | ConRep1  | ConRep2  | ConRep3  | Avg. Conc. | ConcRSD | Units |
|------------|-------|----------|----------|----------|------------|---------|-------|
| Molybdenum | 94-1  | 4.65     | 4.65     | 4.72     | 4.67       | 0.91    | ppb   |
| Molybdenum | 95-1  | 0.59     | 0.55     | 0.57     | 0.57       | 2.84    | ppb   |
| Molybdenum | 96-1  | 1.06     | 1.20     | 1.12     | 1.12       | 6.20    | ppb   |
| Molybdenum | 97-1  | 0.57     | 0.58     | 0.56     | 0.57       | 1.14    | ppb   |
| Molybdenum | 98-1  | 0.57     | 0.56     | 0.57     | 0.57       | 0.59    | ppb   |
| Neodymium  | 150-1 |          |          |          |            |         | cps   |
| Neodymium  | 150-2 |          |          |          |            |         | cps   |
| Nickel     | 60-2  | 15.36    | 16.85    | 18.25    | 16.82      | 8.61    | ppb   |
| Phosphorus | 31-2  | 64.19    | 140.39   | 69.74    | 91.44      | 46.46   | ppb   |
| Potassium  | 39-2  | 589.31   | 629.93   | 612.09   | 610.44     | 3.33    | ppb   |
| Rhodium    | 103-1 |          |          |          | 102        |         | %     |
| Rhodium    | 103-2 |          |          |          | 93         |         | %     |
| Scandium   | 45-1  |          |          |          | 99         |         | %     |
| Scandium   | 45-2  |          |          |          | 84         |         | %     |
| Selenium   | 77-2  | 76.70    | 60.62    | 88.74    | 75.36      | 18.72   | ppb   |
| Selenium   | 78-2  | 4.88     | 10.29    | 12.42    | 9.20       | 42.25   | ppb   |
| Selenium   | 82-1  | 0.91     | 0.46     | 0.89     | 0.75       | 33.52   | ppb   |
| Silicon    | 28-1  | 1700.29  | 1635.53  | 1739.80  | 1691.87    | 3.11    | ppb   |
| Silver     | 109-1 | 0.06     | 0.08     | 0.08     | 0.07       | 12.40   | ppb   |
| Silver     | 107-1 | 0.09     | 0.07     | 0.08     | 0.08       | 10.08   | ppb   |
| Sodium     | 23-2  | 240.62   | 254.32   | 265.07   | 253.33     | 4.84    | ppb   |
| Strontium  | 86-1  | 59.36    | 59.67    | 59.23    | 59.42      | 0.38    | ppb   |
| Strontium  | 88-1  | 59.70    | 60.24    | 59.85    | 59.93      | 0.46    | ppb   |
| Sulfur     | 34-1  | -3099.05 | -3237.49 | -3422.06 | -3252.87   |         | ppb   |
| Terbium    | 159-1 |          |          |          | 109        |         | %     |
| Terbium    | 159-2 |          |          |          | 97         |         | %     |
| Thallium   | 203-1 | 0.20     | 0.22     | 0.20     | 0.21       | 4.13    | ppb   |
| Thallium   | 205-1 | 0.19     | 0.20     | 0.20     | 0.20       | 4.30    | ppb   |
| Tin        | 118-1 | 1.39     | 1.39     | 1.34     | 1.37       | 2.37    | ppb   |
| Titanium   | 47-1  | 24.40    | 25.34    | 18.47    | 22.74      | 16.38   | ppb   |
| Uranium    | 238-1 | 1.58     | 1.59     | 1.60     | 1.59       | 0.54    | ppb   |
| Vanadium   | 51-2  | 53.49    | 55.97    | 56.72    | 55.39      | 3.06    | ppb   |
| Yttrium    | 89-1  |          |          |          | 112        |         | %     |
| Yttrium    | 89-2  |          |          |          | 98         |         | %     |
| Zinc       | 66-2  | 153.61   | 162.95   | 166.41   | 160.99     | 4.11    | ppb   |
| Zirconium  | 90-1  | 3.83     | 2.87     | 2.85     | 3.18       | 17.58   | ppb   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB92809             | Operator :        | Jaswal    |
| Lab Sample ID :         | J1226-02            | Instrumnet Name : | P8        |
| Client Sample ID :      | MF6A96              | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2018-01-22 18:00:15 | DataFile Name :   | 078SMPL.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|-----------|------|---------|---------|---------|------------|---------|-------|
| Zirconium | 91-1 | 2.89    | 2.82    | 2.80    | 2.84       | 1.53    | ppb   |

LB Number : LB92809 Operator : Jaswal  
 Lab Sample ID : J1226-03 Instrumnet Name : P8  
 Client Sample ID : MF6A96D Dilution Factor : 1  
 Date & Time Acquired :: 2018-01-22 18:03:24 DataFile Name : 079SMPL.d

| Parameter  | Mass  | ConRep1  | ConRep2  | ConRep3  | Avg. Conc. | ConcRSD | Units |
|------------|-------|----------|----------|----------|------------|---------|-------|
| Aluminium  | 27-2  | 12842.09 | 12447.81 | 12416.78 | 12568.89   | 1.89    | ppb   |
| Antimony   | 121-1 | 0.21     | 0.26     | 0.19     | 0.22       | 17.08   | ppb   |
| Arsenic    | 75-2  | 7.72     | 7.18     | 7.27     | 7.39       | 3.95    | ppb   |
| Barium     | 135-1 | 560.49   | 567.69   | 563.01   | 563.73     | 0.65    | ppb   |
| Barium     | 137-1 | 582.18   | 589.51   | 578.85   | 583.51     | 0.93    | ppb   |
| Beryllium  | 9-1   | 2.07     | 2.11     | 2.21     | 2.13       | 3.50    | ppb   |
| Bismuth    | 209-1 |          |          |          | 111        |         | %     |
| Bismuth    | 209-2 |          |          |          | 101        |         | %     |
| Boron      | 10-1  | 2.25     | 4.50     | 3.60     | 3.45       | 32.72   | ppb   |
| Boron      | 11-1  | 3.84     | 3.62     | 4.04     | 3.83       | 5.40    | ppb   |
| Cadmium    | 111-1 | 0.08     | 0.07     | 0.10     | 0.09       | 20.24   | ppb   |
| Cadmium    | 106-1 | -0.25    | 0.15     | -0.09    | -0.06      |         | ppb   |
| Cadmium    | 108-1 | 0.46     | 0.39     | 0.57     | 0.48       | 18.71   | ppb   |
| Calcium    | 43-1  | 17780.97 | 18269.00 | 18103.29 | 18051.09   | 1.37    | ppb   |
| Calcium    | 44-1  | 17765.49 | 18370.67 | 18298.76 | 18144.97   | 1.82    | ppb   |
| Chromium   | 52-2  | 24.46    | 23.84    | 25.01    | 24.44      | 2.39    | ppb   |
| Cobalt     | 59-2  | 24.06    | 23.58    | 23.28    | 23.64      | 1.67    | ppb   |
| Copper     | 63-2  | 16.67    | 16.09    | 16.39    | 16.38      | 1.77    | ppb   |
| Dysprosium | 156-1 |          |          |          |            |         | cps   |
| Dysprosium | 156-2 |          |          |          |            |         | cps   |
| Erbium     | 164-1 |          |          |          |            |         | cps   |
| Erbium     | 164-2 |          |          |          |            |         | cps   |
| Gadolinium | 160-1 |          |          |          |            |         | cps   |
| Gadolinium | 160-2 |          |          |          |            |         | cps   |
| Holmium    | 165-1 |          |          |          | 109        |         | %     |
| Holmium    | 165-2 |          |          |          | 101        |         | %     |
| Indium     | 115-1 |          |          |          | 105        |         | %     |
| Indium     | 115-2 |          |          |          | 93         |         | %     |
| Iron       | 56-2  | 27991.05 | 27697.05 | 27785.06 | 27824.39   | 0.54    | ppb   |
| Iron       | 57-2  | 26869.12 | 26928.46 | 26893.54 | 26897.04   | 0.11    | ppb   |
| Lead       | 206-1 | 44.27    | 44.47    | 45.07    | 44.60      | 0.93    | ppb   |
| Lead       | 207-1 | 40.18    | 40.09    | 40.91    | 40.40      | 1.11    | ppb   |
| Lead       | 208-1 | 42.10    | 42.10    | 42.34    | 42.18      | 0.33    | ppb   |
| Lithium    | 6-1   |          |          |          | 95         |         | %     |
| Magnesium  | 24-2  | 3489.25  | 3516.46  | 3554.85  | 3520.19    | 0.94    | ppb   |
| Manganese  | 55-2  | 1285.18  | 1269.36  | 1270.83  | 1275.12    | 0.69    | ppb   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB92809             | Operator :        | Jaswal    |
| Lab Sample ID :         | J1226-03            | Instrumnet Name : | P8        |
| Client Sample ID :      | MF6A96D             | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2018-01-22 18:03:24 | DataFile Name :   | 079SMPL.d |

| Parameter  | Mass  | ConRep1  | ConRep2  | ConRep3  | Avg. Conc. | ConcRSD | Units |
|------------|-------|----------|----------|----------|------------|---------|-------|
| Molybdenum | 94-1  | 4.87     | 4.75     | 4.75     | 4.79       | 1.40    | ppb   |
| Molybdenum | 95-1  | 0.52     | 0.61     | 0.59     | 0.57       | 8.39    | ppb   |
| Molybdenum | 96-1  | 1.14     | 1.09     | 1.10     | 1.11       | 2.47    | ppb   |
| Molybdenum | 97-1  | 0.59     | 0.60     | 0.49     | 0.56       | 11.31   | ppb   |
| Molybdenum | 98-1  | 0.53     | 0.55     | 0.54     | 0.54       | 1.93    | ppb   |
| Neodymium  | 150-1 |          |          |          |            |         | cps   |
| Neodymium  | 150-2 |          |          |          |            |         | cps   |
| Nickel     | 60-2  | 16.47    | 16.49    | 16.44    | 16.47      | 0.15    | ppb   |
| Phosphorus | 31-2  | 134.74   | -4.97    | 30.04    | 53.27      | 136.46  | ppb   |
| Potassium  | 39-2  | 577.05   | 567.77   | 533.54   | 559.45     | 4.10    | ppb   |
| Rhodium    | 103-1 |          |          |          | 103        |         | %     |
| Rhodium    | 103-2 |          |          |          | 97         |         | %     |
| Scandium   | 45-1  |          |          |          | 99         |         | %     |
| Scandium   | 45-2  |          |          |          | 86         |         | %     |
| Selenium   | 77-2  | 97.58    | 113.14   | 49.09    | 86.60      | 38.57   | ppb   |
| Selenium   | 78-2  | 13.92    | 8.40     | 10.61    | 10.98      | 25.32   | ppb   |
| Selenium   | 82-1  | 0.86     | 0.02     | 1.10     | 0.66       | 85.62   | ppb   |
| Silicon    | 28-1  | 1558.17  | 1597.11  | 1610.99  | 1588.76    | 1.72    | ppb   |
| Silver     | 109-1 | 0.06     | 0.07     | 0.09     | 0.07       | 17.98   | ppb   |
| Silver     | 107-1 | 0.07     | 0.07     | 0.07     | 0.07       | 0.41    | ppb   |
| Sodium     | 23-2  | 238.85   | 232.28   | 240.74   | 237.29     | 1.87    | ppb   |
| Strontium  | 86-1  | 57.31    | 57.57    | 57.69    | 57.53      | 0.34    | ppb   |
| Strontium  | 88-1  | 58.17    | 58.90    | 59.04    | 58.70      | 0.79    | ppb   |
| Sulfur     | 34-1  | -3616.35 | -3161.91 | -3384.56 | -3387.61   |         | ppb   |
| Terbium    | 159-1 |          |          |          | 109        |         | %     |
| Terbium    | 159-2 |          |          |          | 100        |         | %     |
| Thallium   | 203-1 | 0.22     | 0.18     | 0.21     | 0.20       | 8.37    | ppb   |
| Thallium   | 205-1 | 0.20     | 0.21     | 0.19     | 0.20       | 6.02    | ppb   |
| Tin        | 118-1 | 1.42     | 1.37     | 1.33     | 1.37       | 3.59    | ppb   |
| Titanium   | 47-1  | 21.72    | 20.42    | 19.73    | 20.63      | 4.90    | ppb   |
| Uranium    | 238-1 | 1.57     | 1.52     | 1.59     | 1.56       | 2.50    | ppb   |
| Vanadium   | 51-2  | 53.47    | 52.34    | 52.43    | 52.75      | 1.19    | ppb   |
| Yttrium    | 89-1  |          |          |          | 113        |         | %     |
| Yttrium    | 89-2  |          |          |          | 102        |         | %     |
| Zinc       | 66-2  | 143.70   | 143.74   | 143.61   | 143.68     | 0.05    | ppb   |
| Zirconium  | 90-1  | 2.73     | 2.86     | 2.73     | 2.77       | 2.79    | ppb   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB92809             | Operator :        | Jaswal    |
| Lab Sample ID :         | J1226-03            | Instrumnet Name : | P8        |
| Client Sample ID :      | MF6A96D             | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2018-01-22 18:03:24 | DataFile Name :   | 079SMPL.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|-----------|------|---------|---------|---------|------------|---------|-------|
| Zirconium | 91-1 | 2.92    | 2.71    | 2.59    | 2.74       | 6.02    | ppb   |



|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB92809             | Operator :        | Jaswal    |
| Lab Sample ID :         | J1226-02LX5         | Instrumnet Name : | P8        |
| Client Sample ID :      | MF6A96L             | Dilution Factor : | 5         |
| Date & Time Acquired :: | 2018-01-22 18:06:34 | DataFile Name :   | 080SMPL.d |

| Parameter  | Mass  | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|------------|-------|---------|---------|---------|------------|---------|-------|
| Aluminium  | 27-2  | 2542.89 | 2639.70 | 2474.58 | 2552.39    | 3.25    | ppb   |
| Antimony   | 121-1 | 0.04    | 0.04    | 0.06    | 0.05       | 24.14   | ppb   |
| Arsenic    | 75-2  | 1.51    | 1.54    | 1.63    | 1.56       | 3.81    | ppb   |
| Barium     | 135-1 | 109.80  | 110.82  | 109.78  | 110.14     | 0.54    | ppb   |
| Barium     | 137-1 | 110.89  | 110.59  | 111.17  | 110.88     | 0.26    | ppb   |
| Beryllium  | 9-1   | 0.48    | 0.43    | 0.47    | 0.46       | 5.69    | ppb   |
| Bismuth    | 209-1 |         |         |         | 110        |         | %     |
| Bismuth    | 209-2 |         |         |         | 101        |         | %     |
| Boron      | 10-1  | 1.24    | 2.73    | 1.46    | 1.81       | 44.22   | ppb   |
| Boron      | 11-1  | 1.65    | 1.13    | 1.36    | 1.38       | 18.75   | ppb   |
| Cadmium    | 111-1 | 0.05    | -0.06   | -0.05   | -0.02      |         | ppb   |
| Cadmium    | 106-1 | 0.29    | -1.04   | -0.87   | -0.54      |         | ppb   |
| Cadmium    | 108-1 | 0.00    | 0.15    | 0.15    | 0.10       | 88.96   | ppb   |
| Calcium    | 43-1  | 3686.04 | 3707.86 | 3745.09 | 3713.00    | 0.80    | ppb   |
| Calcium    | 44-1  | 3700.15 | 3742.50 | 3707.82 | 3716.82    | 0.61    | ppb   |
| Chromium   | 52-2  | 4.59    | 4.87    | 4.98    | 4.81       | 4.24    | ppb   |
| Cobalt     | 59-2  | 4.45    | 4.67    | 4.73    | 4.61       | 3.13    | ppb   |
| Copper     | 63-2  | 3.10    | 3.37    | 3.26    | 3.25       | 4.14    | ppb   |
| Dysprosium | 156-1 |         |         |         |            |         | cps   |
| Dysprosium | 156-2 |         |         |         |            |         | cps   |
| Erbium     | 164-1 |         |         |         |            |         | cps   |
| Erbium     | 164-2 |         |         |         |            |         | cps   |
| Gadolinium | 160-1 |         |         |         |            |         | cps   |
| Gadolinium | 160-2 |         |         |         |            |         | cps   |
| Holmium    | 165-1 |         |         |         | 108        |         | %     |
| Holmium    | 165-2 |         |         |         | 100        |         | %     |
| Indium     | 115-1 |         |         |         | 104        |         | %     |
| Indium     | 115-2 |         |         |         | 94         |         | %     |
| Iron       | 56-2  | 5540.30 | 5577.38 | 5667.64 | 5595.10    | 1.17    | ppb   |
| Iron       | 57-2  | 5257.90 | 5388.21 | 5365.30 | 5337.14    | 1.30    | ppb   |
| Lead       | 206-1 | 8.94    | 9.00    | 9.31    | 9.08       | 2.16    | ppb   |
| Lead       | 207-1 | 8.18    | 8.20    | 8.38    | 8.25       | 1.33    | ppb   |
| Lead       | 208-1 | 8.54    | 8.56    | 8.66    | 8.59       | 0.70    | ppb   |
| Lithium    | 6-1   |         |         |         | 94         |         | %     |
| Magnesium  | 24-2  | 674.03  | 661.40  | 688.37  | 674.60     | 2.00    | ppb   |
| Manganese  | 55-2  | 246.06  | 250.75  | 249.28  | 248.70     | 0.96    | ppb   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB92809             | Operator :        | Jaswal    |
| Lab Sample ID :         | J1226-02LX5         | Instrumnet Name : | P8        |
| Client Sample ID :      | MF6A96L             | Dilution Factor : | 5         |
| Date & Time Acquired :: | 2018-01-22 18:06:34 | DataFile Name :   | 080SMPL.d |

| Parameter  | Mass  | ConRep1  | ConRep2  | ConRep3  | Avg. Conc. | ConcRSD | Units |
|------------|-------|----------|----------|----------|------------|---------|-------|
| Molybdenum | 94-1  | 0.97     | 0.99     | 0.90     | 0.96       | 5.15    | ppb   |
| Molybdenum | 95-1  | 0.11     | 0.11     | 0.11     | 0.11       | 4.37    | ppb   |
| Molybdenum | 96-1  | 0.23     | 0.21     | 0.22     | 0.22       | 5.79    | ppb   |
| Molybdenum | 97-1  | 0.18     | 0.15     | 0.09     | 0.14       | 33.33   | ppb   |
| Molybdenum | 98-1  | 0.12     | 0.13     | 0.11     | 0.12       | 8.59    | ppb   |
| Neodymium  | 150-1 |          |          |          |            |         | cps   |
| Neodymium  | 150-2 |          |          |          |            |         | cps   |
| Nickel     | 60-2  | 2.52     | 2.70     | 2.75     | 2.65       | 4.53    | ppb   |
| Phosphorus | 31-2  | -4.97    | -4.97    | -4.97    | -4.97      |         | ppb   |
| Potassium  | 39-2  | 87.72    | 125.81   | 93.66    | 102.40     | 20.01   | ppb   |
| Rhodium    | 103-1 |          |          |          | 102        |         | %     |
| Rhodium    | 103-2 |          |          |          | 96         |         | %     |
| Scandium   | 45-1  |          |          |          | 96         |         | %     |
| Scandium   | 45-2  |          |          |          | 85         |         | %     |
| Selenium   | 77-2  | 7.44     | 7.56     | 30.91    | 15.30      | 88.30   | ppb   |
| Selenium   | 78-2  | 5.27     | 0.46     | 4.24     | 3.32       | 76.32   | ppb   |
| Selenium   | 82-1  | -0.29    | -0.62    | 0.58     | -0.11      |         | ppb   |
| Silicon    | 28-1  | 311.33   | 328.60   | 315.39   | 318.44     | 2.84    | ppb   |
| Silver     | 109-1 | 0.02     | 0.02     | 0.01     | 0.01       | 31.35   | ppb   |
| Silver     | 107-1 | 0.01     | 0.02     | 0.01     | 0.01       | 49.81   | ppb   |
| Sodium     | 23-2  | 57.75    | 57.25    | 51.58    | 55.53      | 6.18    | ppb   |
| Strontium  | 86-1  | 11.38    | 11.70    | 12.05    | 11.71      | 2.86    | ppb   |
| Strontium  | 88-1  | 12.29    | 12.45    | 12.30    | 12.35      | 0.73    | ppb   |
| Sulfur     | 34-1  | -3025.97 | -2868.92 | -2893.20 | -2929.36   |         | ppb   |
| Terbium    | 159-1 |          |          |          | 107        |         | %     |
| Terbium    | 159-2 |          |          |          | 99         |         | %     |
| Thallium   | 203-1 | 0.03     | 0.02     | 0.03     | 0.03       | 25.69   | ppb   |
| Thallium   | 205-1 | 0.03     | 0.04     | 0.03     | 0.03       | 11.19   | ppb   |
| Tin        | 118-1 | 0.24     | 0.27     | 0.26     | 0.26       | 5.47    | ppb   |
| Titanium   | 47-1  | 4.90     | 4.34     | 6.52     | 5.26       | 21.59   | ppb   |
| Uranium    | 238-1 | 0.30     | 0.31     | 0.29     | 0.30       | 3.61    | ppb   |
| Vanadium   | 51-2  | 9.81     | 10.65    | 10.41    | 10.29      | 4.20    | ppb   |
| Yttrium    | 89-1  |          |          |          | 103        |         | %     |
| Yttrium    | 89-2  |          |          |          | 94         |         | %     |
| Zinc       | 66-2  | 31.32    | 31.64    | 31.47    | 31.48      | 0.51    | ppb   |
| Zirconium  | 90-1  | 0.59     | 0.56     | 0.73     | 0.62       | 14.37   | ppb   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB92809             | Operator :        | Jaswal    |
| Lab Sample ID :         | J1226-02LX5         | Instrumnet Name : | P8        |
| Client Sample ID :      | MF6A96L             | Dilution Factor : | 5         |
| Date & Time Acquired :: | 2018-01-22 18:06:34 | DataFile Name :   | 080SMPL.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|-----------|------|---------|---------|---------|------------|---------|-------|
| Zirconium | 91-1 | 0.54    | 0.59    | 0.51    | 0.55       | 7.54    | ppb   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB92809             | Operator :        | Jaswal    |
| Lab Sample ID :         | J1226-04            | Instrumnet Name : | P8        |
| Client Sample ID :      | MF6A96S             | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2018-01-22 18:09:44 | DataFile Name :   | 081SMPL.d |

| Parameter  | Mass  | ConRep1  | ConRep2  | ConRep3  | Avg. Conc. | ConcRSD | Units |
|------------|-------|----------|----------|----------|------------|---------|-------|
| Aluminium  | 27-2  | 13019.34 | 13520.87 | 13244.12 | 13261.44   | 1.89    | ppb   |
| Antimony   | 121-1 | 19.37    | 19.74    | 19.28    | 19.46      | 1.27    | ppb   |
| Arsenic    | 75-2  | 15.20    | 14.75    | 14.57    | 14.84      | 2.17    | ppb   |
| Barium     | 135-1 | 988.61   | 1018.82  | 991.25   | 999.56     | 1.67    | ppb   |
| Barium     | 137-1 | 982.83   | 1014.95  | 974.67   | 990.81     | 2.15    | ppb   |
| Beryllium  | 9-1   | 11.92    | 11.51    | 11.40    | 11.61      | 2.35    | ppb   |
| Bismuth    | 209-1 |          |          |          | 112        |         | %     |
| Bismuth    | 209-2 |          |          |          | 100        |         | %     |
| Boron      | 10-1  | 2.91     | 3.73     | 2.55     | 3.06       | 19.83   | ppb   |
| Boron      | 11-1  | 2.81     | 2.96     | 3.38     | 3.05       | 9.62    | ppb   |
| Cadmium    | 111-1 | 9.97     | 9.85     | 9.90     | 9.91       | 0.63    | ppb   |
| Cadmium    | 106-1 | 9.31     | 9.77     | 8.98     | 9.36       | 4.25    | ppb   |
| Cadmium    | 108-1 | 8.67     | 9.91     | 9.44     | 9.34       | 6.67    | ppb   |
| Calcium    | 43-1  | 18249.41 | 18619.75 | 17996.12 | 18288.43   | 1.71    | ppb   |
| Calcium    | 44-1  | 18551.84 | 18711.10 | 17980.26 | 18414.40   | 2.09    | ppb   |
| Chromium   | 52-2  | 65.34    | 68.43    | 66.36    | 66.71      | 2.36    | ppb   |
| Cobalt     | 59-2  | 127.25   | 131.54   | 129.00   | 129.26     | 1.67    | ppb   |
| Copper     | 63-2  | 69.99    | 70.75    | 69.43    | 70.06      | 0.95    | 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 |          |          |          | 110        |         | %     |
| Holmium    | 165-2 |          |          |          | 100        |         | %     |
| Indium     | 115-1 |          |          |          | 105        |         | %     |
| Indium     | 115-2 |          |          |          | 93         |         | %     |
| Iron       | 56-2  | 28234.67 | 29228.09 | 28642.08 | 28701.61   | 1.74    | ppb   |
| Iron       | 57-2  | 27336.46 | 28213.19 | 27913.27 | 27820.97   | 1.60    | ppb   |
| Lead       | 206-1 | 49.38    | 49.21    | 48.74    | 49.11      | 0.68    | ppb   |
| Lead       | 207-1 | 44.77    | 44.88    | 44.43    | 44.69      | 0.53    | ppb   |
| Lead       | 208-1 | 46.59    | 46.80    | 46.40    | 46.59      | 0.43    | ppb   |
| Lithium    | 6-1   |          |          |          | 95         |         | %     |
| Magnesium  | 24-2  | 3571.08  | 3677.24  | 3601.18  | 3616.50    | 1.51    | ppb   |
| Manganese  | 55-2  | 1373.06  | 1412.89  | 1394.30  | 1393.42    | 1.43    | ppb   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB92809             | Operator :        | Jaswal    |
| Lab Sample ID :         | J1226-04            | Instrumnet Name : | P8        |
| Client Sample ID :      | MF6A96S             | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2018-01-22 18:09:44 | DataFile Name :   | 081SMPL.d |

| Parameter  | Mass  | ConRep1  | ConRep2  | ConRep3  | Avg. Conc. | ConcRSD | Units |
|------------|-------|----------|----------|----------|------------|---------|-------|
| Molybdenum | 94-1  | 4.72     | 5.00     | 4.86     | 4.86       | 2.84    | ppb   |
| Molybdenum | 95-1  | 0.57     | 0.54     | 0.56     | 0.56       | 3.08    | ppb   |
| Molybdenum | 96-1  | 1.24     | 1.13     | 1.12     | 1.16       | 5.79    | ppb   |
| Molybdenum | 97-1  | 0.57     | 0.61     | 0.68     | 0.62       | 8.91    | ppb   |
| Molybdenum | 98-1  | 0.54     | 0.58     | 0.52     | 0.55       | 5.02    | ppb   |
| Neodymium  | 150-1 |          |          |          |            |         | cps   |
| Neodymium  | 150-2 |          |          |          |            |         | cps   |
| Nickel     | 60-2  | 119.99   | 125.16   | 122.89   | 122.68     | 2.11    | ppb   |
| Phosphorus | 31-2  | 169.45   | -4.97    | 30.42    | 64.97      | 141.92  | ppb   |
| Potassium  | 39-2  | 591.13   | 600.38   | 520.11   | 570.54     | 7.70    | ppb   |
| Rhodium    | 103-1 |          |          |          | 103        |         | %     |
| Rhodium    | 103-2 |          |          |          | 96         |         | %     |
| Scandium   | 45-1  |          |          |          | 100        |         | %     |
| Scandium   | 45-2  |          |          |          | 85         |         | %     |
| Selenium   | 77-2  | 154.48   | 56.41    | 107.19   | 106.03     | 46.26   | ppb   |
| Selenium   | 78-2  | 41.37    | 17.52    | 36.32    | 31.74      | 39.59   | ppb   |
| Selenium   | 82-1  | 18.18    | 19.21    | 18.70    | 18.70      | 2.74    | ppb   |
| Silicon    | 28-1  | 1720.20  | 1691.70  | 1551.82  | 1654.57    | 5.45    | ppb   |
| Silver     | 109-1 | 9.62     | 9.64     | 9.46     | 9.57       | 1.05    | ppb   |
| Silver     | 107-1 | 9.50     | 9.77     | 9.41     | 9.56       | 1.96    | ppb   |
| Sodium     | 23-2  | 238.84   | 244.12   | 251.75   | 244.90     | 2.65    | ppb   |
| Strontium  | 86-1  | 57.78    | 59.27    | 57.26    | 58.10      | 1.79    | ppb   |
| Strontium  | 88-1  | 58.37    | 59.19    | 58.82    | 58.79      | 0.70    | ppb   |
| Sulfur     | 34-1  | -3456.51 | -3369.25 | -3842.92 | -3556.23   |         | ppb   |
| Terbium    | 159-1 |          |          |          | 110        |         | %     |
| Terbium    | 159-2 |          |          |          | 100        |         | %     |
| Thallium   | 203-1 | 9.93     | 9.87     | 9.83     | 9.88       | 0.52    | ppb   |
| Thallium   | 205-1 | 9.86     | 10.14    | 9.95     | 9.98       | 1.43    | ppb   |
| Tin        | 118-1 | 1.36     | 1.29     | 1.34     | 1.33       | 2.39    | ppb   |
| Titanium   | 47-1  | 25.72    | 19.36    | 18.98    | 21.35      | 17.75   | ppb   |
| Uranium    | 238-1 | 1.60     | 1.58     | 1.55     | 1.58       | 1.77    | ppb   |
| Vanadium   | 51-2  | 153.66   | 158.57   | 155.62   | 155.95     | 1.58    | ppb   |
| Yttrium    | 89-1  |          |          |          | 114        |         | %     |
| Yttrium    | 89-2  |          |          |          | 101        |         | %     |
| Zinc       | 66-2  | 249.95   | 258.42   | 258.84   | 255.74     | 1.96    | ppb   |
| Zirconium  | 90-1  | 2.77     | 3.10     | 2.69     | 2.85       | 7.66    | ppb   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB92809             | Operator :        | Jaswal    |
| Lab Sample ID :         | J1226-04            | Instrumnet Name : | P8        |
| Client Sample ID :      | MF6A96S             | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2018-01-22 18:09:44 | DataFile Name :   | 081SMPL.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|-----------|------|---------|---------|---------|------------|---------|-------|
| Zirconium | 91-1 | 2.75    | 2.94    | 2.67    | 2.79       | 5.05    | ppb   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB92809             | Operator :        | Jaswal    |
| Lab Sample ID :         | J1226-05            | Instrumnet Name : | P8        |
| Client Sample ID :      | MF6A97              | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2018-01-22 18:12:54 | DataFile Name :   | 082SMPL.d |

| Parameter  | Mass  | ConRep1  | ConRep2  | ConRep3  | Avg. Conc. | ConcRSD | Units |
|------------|-------|----------|----------|----------|------------|---------|-------|
| Aluminium  | 27-2  | 12726.98 | 12362.64 | 12557.07 | 12548.90   | 1.45    | ppb   |
| Antimony   | 121-1 | 0.19     | 0.20     | 0.19     | 0.19       | 1.09    | ppb   |
| Arsenic    | 75-2  | 7.08     | 7.16     | 7.58     | 7.27       | 3.67    | ppb   |
| Barium     | 135-1 | 638.53   | 641.31   | 646.33   | 642.05     | 0.62    | ppb   |
| Barium     | 137-1 | 653.76   | 669.57   | 672.82   | 665.38     | 1.53    | ppb   |
| Beryllium  | 9-1   | 2.27     | 2.65     | 2.28     | 2.40       | 9.08    | ppb   |
| Bismuth    | 209-1 |          |          |          | 111        |         | %     |
| Bismuth    | 209-2 |          |          |          | 99         |         | %     |
| Boron      | 10-1  | 2.39     | 2.76     | 2.11     | 2.42       | 13.55   | ppb   |
| Boron      | 11-1  | 2.17     | 2.90     | 3.45     | 2.84       | 22.62   | ppb   |
| Cadmium    | 111-1 | 0.09     | 0.06     | 0.03     | 0.06       | 48.70   | ppb   |
| Cadmium    | 106-1 | 0.53     | 0.27     | -0.08    | 0.24       | 126.26  | ppb   |
| Cadmium    | 108-1 | 0.57     | 0.58     | 0.70     | 0.62       | 11.44   | ppb   |
| Calcium    | 43-1  | 21305.94 | 21636.86 | 21631.26 | 21524.69   | 0.88    | ppb   |
| Calcium    | 44-1  | 21389.90 | 21688.87 | 21545.10 | 21541.29   | 0.69    | ppb   |
| Chromium   | 52-2  | 17.41    | 17.10    | 17.01    | 17.18      | 1.22    | ppb   |
| Cobalt     | 59-2  | 21.85    | 21.44    | 21.56    | 21.61      | 0.99    | ppb   |
| Copper     | 63-2  | 17.29    | 16.75    | 17.57    | 17.20      | 2.43    | ppb   |
| Dysprosium | 156-1 |          |          |          |            |         | cps   |
| Dysprosium | 156-2 |          |          |          |            |         | cps   |
| Erbium     | 164-1 |          |          |          |            |         | cps   |
| Erbium     | 164-2 |          |          |          |            |         | cps   |
| Gadolinium | 160-1 |          |          |          |            |         | cps   |
| Gadolinium | 160-2 |          |          |          |            |         | cps   |
| Holmium    | 165-1 |          |          |          | 109        |         | %     |
| Holmium    | 165-2 |          |          |          | 99         |         | %     |
| Indium     | 115-1 |          |          |          | 104        |         | %     |
| Indium     | 115-2 |          |          |          | 91         |         | %     |
| Iron       | 56-2  | 29047.18 | 28081.54 | 27878.81 | 28335.84   | 2.20    | ppb   |
| Iron       | 57-2  | 28099.54 | 27112.50 | 27412.91 | 27541.65   | 1.84    | ppb   |
| Lead       | 206-1 | 32.11    | 31.21    | 31.60    | 31.64      | 1.42    | ppb   |
| Lead       | 207-1 | 28.56    | 28.16    | 28.57    | 28.43      | 0.83    | ppb   |
| Lead       | 208-1 | 30.21    | 29.62    | 29.76    | 29.86      | 1.04    | ppb   |
| Lithium    | 6-1   |          |          |          | 94         |         | %     |
| Magnesium  | 24-2  | 3911.10  | 3834.93  | 3805.53  | 3850.52    | 1.41    | ppb   |
| Manganese  | 55-2  | 1107.68  | 1076.76  | 1077.09  | 1087.18    | 1.63    | ppb   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB92809             | Operator :        | Jaswal    |
| Lab Sample ID :         | J1226-05            | Instrumnet Name : | P8        |
| Client Sample ID :      | MF6A97              | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2018-01-22 18:12:54 | DataFile Name :   | 082SMPL.d |

| Parameter  | Mass  | ConRep1  | ConRep2  | ConRep3  | Avg. Conc. | ConcRSD | Units |
|------------|-------|----------|----------|----------|------------|---------|-------|
| Molybdenum | 94-1  | 5.08     | 5.01     | 5.24     | 5.11       | 2.25    | ppb   |
| Molybdenum | 95-1  | 0.44     | 0.56     | 0.50     | 0.50       | 12.88   | ppb   |
| Molybdenum | 96-1  | 1.19     | 1.29     | 1.19     | 1.22       | 4.86    | ppb   |
| Molybdenum | 97-1  | 0.51     | 0.52     | 0.55     | 0.53       | 4.13    | ppb   |
| Molybdenum | 98-1  | 0.46     | 0.43     | 0.44     | 0.44       | 2.44    | ppb   |
| Neodymium  | 150-1 |          |          |          |            |         | cps   |
| Neodymium  | 150-2 |          |          |          |            |         | cps   |
| Nickel     | 60-2  | 18.33    | 18.71    | 18.06    | 18.37      | 1.78    | ppb   |
| Phosphorus | 31-2  | 67.94    | -4.97    | -4.97    | 19.33      | 217.76  | ppb   |
| Potassium  | 39-2  | 541.16   | 520.30   | 580.52   | 547.33     | 5.59    | ppb   |
| Rhodium    | 103-1 |          |          |          | 102        |         | %     |
| Rhodium    | 103-2 |          |          |          | 94         |         | %     |
| Scandium   | 45-1  |          |          |          | 98         |         | %     |
| Scandium   | 45-2  |          |          |          | 84         |         | %     |
| Selenium   | 77-2  | 57.20    | 85.52    | 99.23    | 80.65      | 26.58   | ppb   |
| Selenium   | 78-2  | 20.10    | 7.32     | 13.02    | 13.48      | 47.49   | ppb   |
| Selenium   | 82-1  | 0.97     | 1.01     | 0.90     | 0.96       | 5.68    | ppb   |
| Silicon    | 28-1  | 1436.25  | 1452.65  | 1533.58  | 1474.16    | 3.53    | ppb   |
| Silver     | 109-1 | 0.06     | 0.05     | 0.08     | 0.06       | 24.28   | ppb   |
| Silver     | 107-1 | 0.07     | 0.07     | 0.07     | 0.07       | 3.44    | ppb   |
| Sodium     | 23-2  | 235.62   | 225.24   | 234.84   | 231.90     | 2.49    | ppb   |
| Strontium  | 86-1  | 60.30    | 60.73    | 61.45    | 60.83      | 0.96    | ppb   |
| Strontium  | 88-1  | 61.14    | 61.68    | 61.87    | 61.56      | 0.62    | ppb   |
| Sulfur     | 34-1  | -3476.50 | -3310.88 | -3396.13 | -3394.50   |         | ppb   |
| Terbium    | 159-1 |          |          |          | 108        |         | %     |
| Terbium    | 159-2 |          |          |          | 98         |         | %     |
| Thallium   | 203-1 | 0.20     | 0.17     | 0.21     | 0.19       | 9.82    | ppb   |
| Thallium   | 205-1 | 0.22     | 0.20     | 0.19     | 0.20       | 9.22    | ppb   |
| Tin        | 118-1 | 1.38     | 1.38     | 1.33     | 1.36       | 1.88    | ppb   |
| Titanium   | 47-1  | 19.30    | 22.32    | 26.35    | 22.66      | 15.62   | ppb   |
| Uranium    | 238-1 | 1.68     | 1.67     | 1.69     | 1.68       | 0.64    | ppb   |
| Vanadium   | 51-2  | 53.89    | 52.37    | 52.38    | 52.88      | 1.65    | ppb   |
| Yttrium    | 89-1  |          |          |          | 113        |         | %     |
| Yttrium    | 89-2  |          |          |          | 100        |         | %     |
| Zinc       | 66-2  | 37.22    | 36.20    | 34.69    | 36.04      | 3.54    | ppb   |
| Zirconium  | 90-1  | 3.09     | 3.24     | 3.06     | 3.13       | 3.01    | ppb   |



|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB92809             | Operator :        | Jaswal    |
| Lab Sample ID :         | J1226-05            | Instrumnet Name : | P8        |
| Client Sample ID :      | MF6A97              | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2018-01-22 18:12:54 | DataFile Name :   | 082SMPL.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|-----------|------|---------|---------|---------|------------|---------|-------|
| Zirconium | 91-1 | 2.92    | 3.01    | 2.95    | 2.96       | 1.55    | ppb   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB92809             | Operator :        | Jaswal    |
| Lab Sample ID :         | J1226-06            | Instrumnet Name : | P8        |
| Client Sample ID :      | MF6A98              | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2018-01-22 18:16:04 | DataFile Name :   | 083SMPL.d |

| Parameter  | Mass  | ConRep1  | ConRep2  | ConRep3  | Avg. Conc. | ConcRSD | Units |
|------------|-------|----------|----------|----------|------------|---------|-------|
| Aluminium  | 27-2  | 11685.45 | 11585.81 | 11010.72 | 11427.33   | 3.19    | ppb   |
| Antimony   | 121-1 | 0.15     | 0.14     | 0.15     | 0.14       | 6.33    | ppb   |
| Arsenic    | 75-2  | 7.53     | 7.36     | 7.41     | 7.43       | 1.16    | ppb   |
| Barium     | 135-1 | 524.94   | 528.05   | 533.93   | 528.97     | 0.86    | ppb   |
| Barium     | 137-1 | 543.20   | 547.24   | 553.33   | 547.92     | 0.93    | ppb   |
| Beryllium  | 9-1   | 2.42     | 2.67     | 2.41     | 2.50       | 5.88    | ppb   |
| Bismuth    | 209-1 |          |          |          | 109        |         | %     |
| Bismuth    | 209-2 |          |          |          | 99         |         | %     |
| Boron      | 10-1  | 0.69     | 1.69     | 1.31     | 1.23       | 40.99   | ppb   |
| Boron      | 11-1  | 1.99     | 1.83     | 2.40     | 2.07       | 14.15   | ppb   |
| Cadmium    | 111-1 | 0.26     | 0.16     | 0.18     | 0.20       | 26.66   | ppb   |
| Cadmium    | 106-1 | 2.06     | 0.76     | 1.18     | 1.33       | 49.47   | ppb   |
| Cadmium    | 108-1 | 0.25     | 0.36     | 0.29     | 0.30       | 18.65   | ppb   |
| Calcium    | 43-1  | 6386.48  | 6402.75  | 6413.32  | 6400.85    | 0.21    | ppb   |
| Calcium    | 44-1  | 6597.89  | 6764.18  | 6599.46  | 6653.85    | 1.44    | ppb   |
| Chromium   | 52-2  | 14.53    | 14.60    | 14.57    | 14.57      | 0.26    | ppb   |
| Cobalt     | 59-2  | 16.69    | 16.42    | 15.98    | 16.36      | 2.17    | ppb   |
| Copper     | 63-2  | 19.23    | 19.40    | 19.09    | 19.24      | 0.80    | ppb   |
| Dysprosium | 156-1 |          |          |          |            |         | cps   |
| Dysprosium | 156-2 |          |          |          |            |         | cps   |
| Erbium     | 164-1 |          |          |          |            |         | cps   |
| Erbium     | 164-2 |          |          |          |            |         | cps   |
| Gadolinium | 160-1 |          |          |          |            |         | cps   |
| Gadolinium | 160-2 |          |          |          |            |         | cps   |
| Holmium    | 165-1 |          |          |          | 108        |         | %     |
| Holmium    | 165-2 |          |          |          | 100        |         | %     |
| Indium     | 115-1 |          |          |          | 102        |         | %     |
| Indium     | 115-2 |          |          |          | 92         |         | %     |
| Iron       | 56-2  | 18838.04 | 18544.58 | 18245.79 | 18542.80   | 1.60    | ppb   |
| Iron       | 57-2  | 17975.88 | 17877.50 | 17315.88 | 17723.09   | 2.01    | ppb   |
| Lead       | 206-1 | 16.68    | 16.86    | 16.61    | 16.72      | 0.76    | ppb   |
| Lead       | 207-1 | 14.53    | 14.86    | 15.09    | 14.83      | 1.91    | ppb   |
| Lead       | 208-1 | 15.64    | 15.75    | 15.72    | 15.70      | 0.35    | ppb   |
| Lithium    | 6-1   |          |          |          | 95         |         | %     |
| Magnesium  | 24-2  | 4841.79  | 4755.73  | 4638.59  | 4745.37    | 2.15    | ppb   |
| Manganese  | 55-2  | 1011.92  | 1009.93  | 972.36   | 998.07     | 2.23    | ppb   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB92809             | Operator :        | Jaswal    |
| Lab Sample ID :         | J1226-06            | Instrumnet Name : | P8        |
| Client Sample ID :      | MF6A98              | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2018-01-22 18:16:04 | DataFile Name :   | 083SMPL.d |

| Parameter  | Mass  | ConRep1  | ConRep2  | ConRep3  | Avg. Conc. | ConcRSD | Units |
|------------|-------|----------|----------|----------|------------|---------|-------|
| Molybdenum | 94-1  | 3.33     | 3.12     | 3.41     | 3.29       | 4.51    | ppb   |
| Molybdenum | 95-1  | 0.28     | 0.27     | 0.26     | 0.27       | 4.29    | ppb   |
| Molybdenum | 96-1  | 0.61     | 0.75     | 0.66     | 0.67       | 10.67   | ppb   |
| Molybdenum | 97-1  | 0.30     | 0.22     | 0.34     | 0.29       | 22.68   | ppb   |
| Molybdenum | 98-1  | 0.26     | 0.27     | 0.26     | 0.26       | 2.12    | ppb   |
| Neodymium  | 150-1 |          |          |          |            |         | cps   |
| Neodymium  | 150-2 |          |          |          |            |         | cps   |
| Nickel     | 60-2  | 35.18    | 35.79    | 33.31    | 34.76      | 3.71    | ppb   |
| Phosphorus | 31-2  | 208.13   | 207.12   | 236.97   | 217.41     | 7.80    | ppb   |
| Potassium  | 39-2  | 599.91   | 551.69   | 547.90   | 566.50     | 5.12    | ppb   |
| Rhodium    | 103-1 |          |          |          | 101        |         | %     |
| Rhodium    | 103-2 |          |          |          | 96         |         | %     |
| Scandium   | 45-1  |          |          |          | 97         |         | %     |
| Scandium   | 45-2  |          |          |          | 86         |         | %     |
| Selenium   | 77-2  | 162.03   | 108.36   | 142.84   | 137.75     | 19.74   | ppb   |
| Selenium   | 78-2  | 17.84    | 26.69    | 17.98    | 20.84      | 24.33   | ppb   |
| Selenium   | 82-1  | 0.32     | 0.80     | 0.60     | 0.57       | 42.29   | ppb   |
| Silicon    | 28-1  | 1183.72  | 1195.57  | 1183.57  | 1187.62    | 0.58    | ppb   |
| Silver     | 109-1 | 0.05     | 0.04     | 0.03     | 0.04       | 20.62   | ppb   |
| Silver     | 107-1 | 0.05     | 0.04     | 0.05     | 0.05       | 15.93   | ppb   |
| Sodium     | 23-2  | 313.56   | 298.18   | 298.80   | 303.51     | 2.87    | ppb   |
| Strontium  | 86-1  | 44.44    | 45.07    | 44.60    | 44.70      | 0.73    | ppb   |
| Strontium  | 88-1  | 45.34    | 45.54    | 45.69    | 45.52      | 0.38    | ppb   |
| Sulfur     | 34-1  | -3626.28 | -3642.23 | -3767.87 | -3678.79   |         | ppb   |
| Terbium    | 159-1 |          |          |          | 107        |         | %     |
| Terbium    | 159-2 |          |          |          | 99         |         | %     |
| Thallium   | 203-1 | 0.18     | 0.20     | 0.19     | 0.19       | 4.38    | ppb   |
| Thallium   | 205-1 | 0.18     | 0.18     | 0.19     | 0.18       | 3.96    | ppb   |
| Tin        | 118-1 | 1.09     | 1.17     | 1.11     | 1.12       | 3.90    | ppb   |
| Titanium   | 47-1  | 25.82    | 26.52    | 25.85    | 26.06      | 1.51    | ppb   |
| Uranium    | 238-1 | 0.95     | 1.00     | 0.95     | 0.97       | 2.66    | ppb   |
| Vanadium   | 51-2  | 33.15    | 32.73    | 31.60    | 32.50      | 2.47    | ppb   |
| Yttrium    | 89-1  |          |          |          | 118        |         | %     |
| Yttrium    | 89-2  |          |          |          | 105        |         | %     |
| Zinc       | 66-2  | 35.58    | 39.10    | 37.81    | 37.49      | 4.75    | ppb   |
| Zirconium  | 90-1  | 1.99     | 2.36     | 1.99     | 2.12       | 10.08   | ppb   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB92809             | Operator :        | Jaswal    |
| Lab Sample ID :         | J1226-06            | Instrumnet Name : | P8        |
| Client Sample ID :      | MF6A98              | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2018-01-22 18:16:04 | DataFile Name :   | 083SMPL.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|-----------|------|---------|---------|---------|------------|---------|-------|
| Zirconium | 91-1 | 3.09    | 1.97    | 1.98    | 2.35       | 27.39   | ppb   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB92809             | Operator :        | Jaswal    |
| Lab Sample ID :         | J1226-07            | Instrumnet Name : | P8        |
| Client Sample ID :      | MF6A99              | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2018-01-22 18:19:14 | DataFile Name :   | 084SMPL.d |

| Parameter  | Mass  | ConRep1  | ConRep2  | ConRep3  | Avg. Conc. | ConcRSD | Units |
|------------|-------|----------|----------|----------|------------|---------|-------|
| Aluminium  | 27-2  | 13724.44 | 13543.45 | 13714.27 | 13660.72   | 0.74    | ppb   |
| Antimony   | 121-1 | 0.18     | 0.17     | 0.21     | 0.19       | 10.66   | ppb   |
| Arsenic    | 75-2  | 12.31    | 11.98    | 11.65    | 11.98      | 2.75    | ppb   |
| Barium     | 135-1 | 929.09   | 890.52   | 1048.00  | 955.87     | 8.59    | ppb   |
| Barium     | 137-1 | 931.15   | 929.11   | 1060.77  | 973.68     | 7.75    | ppb   |
| Beryllium  | 9-1   | 1.94     | 1.55     | 1.71     | 1.73       | 11.10   | ppb   |
| Bismuth    | 209-1 |          |          |          | 104        |         | %     |
| Bismuth    | 209-2 |          |          |          | 98         |         | %     |
| Boron      | 10-1  | 2.04     | 1.47     | 2.45     | 1.99       | 24.83   | ppb   |
| Boron      | 11-1  | 2.15     | 2.13     | 3.81     | 2.70       | 35.60   | ppb   |
| Cadmium    | 111-1 | 1.02     | 1.02     | 1.13     | 1.06       | 5.91    | ppb   |
| Cadmium    | 106-1 | 1.32     | 0.77     | 0.58     | 0.89       | 42.77   | ppb   |
| Cadmium    | 108-1 | 1.29     | 0.59     | 1.43     | 1.10       | 40.74   | ppb   |
| Calcium    | 43-1  | 13339.88 | 13382.56 | 15179.72 | 13967.38   | 7.52    | ppb   |
| Calcium    | 44-1  | 13537.72 | 13650.22 | 15414.57 | 14200.84   | 7.41    | ppb   |
| Chromium   | 52-2  | 21.08    | 20.08    | 20.44    | 20.53      | 2.47    | ppb   |
| Cobalt     | 59-2  | 16.80    | 16.03    | 16.55    | 16.46      | 2.40    | ppb   |
| Copper     | 63-2  | 29.93    | 28.15    | 28.82    | 28.97      | 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 |          |          |          | 102        |         | %     |
| Holmium    | 165-2 |          |          |          | 99         |         | %     |
| Indium     | 115-1 |          |          |          | 98         |         | %     |
| Indium     | 115-2 |          |          |          | 91         |         | %     |
| Iron       | 56-2  | 23207.71 | 22643.46 | 23009.81 | 22953.66   | 1.25    | ppb   |
| Iron       | 57-2  | 22157.15 | 21683.76 | 22117.50 | 21986.14   | 1.19    | ppb   |
| Lead       | 206-1 | 28.34    | 28.96    | 31.70    | 29.67      | 6.02    | ppb   |
| Lead       | 207-1 | 25.30    | 25.34    | 28.41    | 26.35      | 6.78    | ppb   |
| Lead       | 208-1 | 26.55    | 26.72    | 29.76    | 27.68      | 6.52    | ppb   |
| Lithium    | 6-1   |          |          |          | 90         |         | %     |
| Magnesium  | 24-2  | 9436.26  | 9191.96  | 9344.74  | 9324.32    | 1.32    | ppb   |
| Manganese  | 55-2  | 1200.85  | 1183.76  | 1208.29  | 1197.64    | 1.05    | ppb   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB92809             | Operator :        | Jaswal    |
| Lab Sample ID :         | J1226-07            | Instrumnet Name : | P8        |
| Client Sample ID :      | MF6A99              | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2018-01-22 18:19:14 | DataFile Name :   | 084SMPL.d |

| Parameter  | Mass  | ConRep1  | ConRep2  | ConRep3  | Avg. Conc. | ConcRSD | Units |
|------------|-------|----------|----------|----------|------------|---------|-------|
| Molybdenum | 94-1  | 4.47     | 4.28     | 4.52     | 4.42       | 2.87    | ppb   |
| Molybdenum | 95-1  | 0.33     | 0.40     | 0.44     | 0.39       | 13.33   | ppb   |
| Molybdenum | 96-1  | 0.86     | 0.94     | 0.96     | 0.92       | 5.73    | ppb   |
| Molybdenum | 97-1  | 0.36     | 0.37     | 0.39     | 0.37       | 4.12    | ppb   |
| Molybdenum | 98-1  | 0.34     | 0.32     | 0.41     | 0.36       | 13.03   | ppb   |
| Neodymium  | 150-1 |          |          |          |            |         | cps   |
| Neodymium  | 150-2 |          |          |          |            |         | cps   |
| Nickel     | 60-2  | 33.11    | 32.56    | 32.26    | 32.65      | 1.33    | ppb   |
| Phosphorus | 31-2  | 751.86   | 876.01   | 462.51   | 696.79     | 30.45   | ppb   |
| Potassium  | 39-2  | 1799.32  | 1824.46  | 1801.82  | 1808.53    | 0.77    | ppb   |
| Rhodium    | 103-1 |          |          |          | 97         |         | %     |
| Rhodium    | 103-2 |          |          |          | 94         |         | %     |
| Scandium   | 45-1  |          |          |          | 93         |         | %     |
| Scandium   | 45-2  |          |          |          | 84         |         | %     |
| Selenium   | 77-2  | 100.21   | 114.49   | 93.10    | 102.60     | 10.62   | ppb   |
| Selenium   | 78-2  | 12.00    | 15.48    | 8.52     | 12.00      | 29.01   | ppb   |
| Selenium   | 82-1  | 0.84     | 0.68     | -0.02    | 0.50       | 91.70   | ppb   |
| Silicon    | 28-1  | 1389.34  | 1349.58  | 1621.11  | 1453.34    | 10.09   | ppb   |
| Silver     | 109-1 | 0.04     | 0.03     | 0.04     | 0.03       | 20.25   | ppb   |
| Silver     | 107-1 | 0.04     | 0.03     | 0.04     | 0.03       | 17.36   | ppb   |
| Sodium     | 23-2  | 877.79   | 866.00   | 843.49   | 862.43     | 2.02    | ppb   |
| Strontium  | 86-1  | 78.58    | 80.92    | 88.53    | 82.68      | 6.30    | ppb   |
| Strontium  | 88-1  | 83.66    | 84.18    | 94.22    | 87.35      | 6.81    | ppb   |
| Sulfur     | 34-1  | -3971.19 | -3905.94 | -2391.05 | -3422.72   |         | ppb   |
| Terbium    | 159-1 |          |          |          | 102        |         | %     |
| Terbium    | 159-2 |          |          |          | 98         |         | %     |
| Thallium   | 203-1 | 0.38     | 0.37     | 0.44     | 0.40       | 9.51    | ppb   |
| Thallium   | 205-1 | 0.40     | 0.41     | 0.46     | 0.42       | 8.23    | ppb   |
| Tin        | 118-1 | 1.60     | 1.64     | 1.88     | 1.71       | 8.69    | ppb   |
| Titanium   | 47-1  | 31.78    | 33.07    | 35.72    | 33.52      | 6.00    | ppb   |
| Uranium    | 238-1 | 1.23     | 1.26     | 1.43     | 1.31       | 8.37    | ppb   |
| Vanadium   | 51-2  | 25.67    | 25.43    | 26.04    | 25.72      | 1.19    | ppb   |
| Yttrium    | 89-1  |          |          |          | 108        |         | %     |
| Yttrium    | 89-2  |          |          |          | 100        |         | %     |
| Zinc       | 66-2  | 91.42    | 86.13    | 92.24    | 89.93      | 3.69    | ppb   |
| Zirconium  | 90-1  | 2.59     | 2.64     | 3.01     | 2.75       | 8.37    | ppb   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB92809             | Operator :        | Jaswal    |
| Lab Sample ID :         | J1226-07            | Instrumnet Name : | P8        |
| Client Sample ID :      | MF6A99              | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2018-01-22 18:19:14 | DataFile Name :   | 084SMPL.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|-----------|------|---------|---------|---------|------------|---------|-------|
| Zirconium | 91-1 | 2.60    | 2.77    | 3.01    | 2.79       | 7.35    | ppb   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB92809             | Operator :        | Jaswal    |
| Lab Sample ID :         | J1226-08            | Instrumnet Name : | P8        |
| Client Sample ID :      | MF6B00              | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2018-01-22 18:22:25 | DataFile Name :   | 085SMPL.d |

| Parameter  | Mass  | ConRep1  | ConRep2  | ConRep3  | Avg. Conc. | ConcRSD | Units |
|------------|-------|----------|----------|----------|------------|---------|-------|
| Aluminium  | 27-2  | 14559.24 | 14303.58 | 14113.47 | 14325.43   | 1.56    | ppb   |
| Antimony   | 121-1 | 0.36     | 0.33     | 0.31     | 0.33       | 8.92    | ppb   |
| Arsenic    | 75-2  | 15.74    | 15.11    | 15.33    | 15.39      | 2.10    | ppb   |
| Barium     | 135-1 | 594.28   | 550.73   | 546.66   | 563.89     | 4.68    | ppb   |
| Barium     | 137-1 | 615.19   | 573.64   | 572.00   | 586.94     | 4.17    | ppb   |
| Beryllium  | 9-1   | 2.04     | 1.98     | 1.97     | 2.00       | 1.94    | ppb   |
| Bismuth    | 209-1 |          |          |          | 105        |         | %     |
| Bismuth    | 209-2 |          |          |          | 98         |         | %     |
| Boron      | 10-1  | 3.25     | 3.65     | 3.15     | 3.35       | 7.98    | ppb   |
| Boron      | 11-1  | 3.49     | 3.27     | 3.44     | 3.40       | 3.44    | ppb   |
| Cadmium    | 111-1 | 0.38     | 0.38     | 0.42     | 0.39       | 5.74    | ppb   |
| Cadmium    | 106-1 | 0.00     | 0.23     | 0.80     | 0.35       | 118.92  | ppb   |
| Cadmium    | 108-1 | 0.64     | 0.52     | 0.73     | 0.63       | 17.00   | ppb   |
| Calcium    | 43-1  | 28226.21 | 26674.23 | 26104.64 | 27001.69   | 4.07    | ppb   |
| Calcium    | 44-1  | 28392.71 | 26441.16 | 26686.00 | 27173.29   | 3.91    | ppb   |
| Chromium   | 52-2  | 23.33    | 23.37    | 23.69    | 23.46      | 0.83    | ppb   |
| Cobalt     | 59-2  | 18.17    | 17.78    | 18.00    | 17.98      | 1.09    | ppb   |
| Copper     | 63-2  | 41.07    | 39.42    | 39.76    | 40.08      | 2.17    | ppb   |
| Dysprosium | 156-1 |          |          |          |            |         | cps   |
| Dysprosium | 156-2 |          |          |          |            |         | cps   |
| Erbium     | 164-1 |          |          |          |            |         | cps   |
| Erbium     | 164-2 |          |          |          |            |         | cps   |
| Gadolinium | 160-1 |          |          |          |            |         | cps   |
| Gadolinium | 160-2 |          |          |          |            |         | cps   |
| Holmium    | 165-1 |          |          |          | 104        |         | %     |
| Holmium    | 165-2 |          |          |          | 99         |         | %     |
| Indium     | 115-1 |          |          |          | 99         |         | %     |
| Indium     | 115-2 |          |          |          | 90         |         | %     |
| Iron       | 56-2  | 22954.49 | 22389.09 | 22483.25 | 22608.94   | 1.34    | ppb   |
| Iron       | 57-2  | 21981.26 | 21381.62 | 21732.63 | 21698.50   | 1.39    | ppb   |
| Lead       | 206-1 | 26.38    | 23.88    | 23.90    | 24.72      | 5.81    | ppb   |
| Lead       | 207-1 | 23.35    | 21.46    | 21.31    | 22.04      | 5.15    | ppb   |
| Lead       | 208-1 | 24.50    | 22.65    | 22.55    | 23.23      | 4.71    | ppb   |
| Lithium    | 6-1   |          |          |          | 91         |         | %     |
| Magnesium  | 24-2  | 10899.44 | 10570.28 | 10642.95 | 10704.22   | 1.62    | ppb   |
| Manganese  | 55-2  | 391.26   | 373.42   | 378.87   | 381.18     | 2.40    | ppb   |



|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB92809             | Operator :        | Jaswal    |
| Lab Sample ID :         | J1226-08            | Instrumnet Name : | P8        |
| Client Sample ID :      | MF6B00              | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2018-01-22 18:22:25 | DataFile Name :   | 085SMPL.d |

| Parameter  | Mass  | ConRep1  | ConRep2  | ConRep3  | Avg. Conc. | ConcRSD | Units |
|------------|-------|----------|----------|----------|------------|---------|-------|
| Molybdenum | 94-1  | 6.44     | 6.33     | 5.95     | 6.24       | 4.10    | ppb   |
| Molybdenum | 95-1  | 0.36     | 0.38     | 0.36     | 0.37       | 3.17    | ppb   |
| Molybdenum | 96-1  | 1.20     | 1.10     | 1.14     | 1.14       | 4.39    | ppb   |
| Molybdenum | 97-1  | 0.41     | 0.34     | 0.41     | 0.39       | 10.42   | ppb   |
| Molybdenum | 98-1  | 0.37     | 0.30     | 0.30     | 0.32       | 11.74   | ppb   |
| Neodymium  | 150-1 |          |          |          |            |         | cps   |
| Neodymium  | 150-2 |          |          |          |            |         | cps   |
| Nickel     | 60-2  | 48.02    | 45.84    | 48.12    | 47.33      | 2.73    | ppb   |
| Phosphorus | 31-2  | 694.38   | 679.50   | 571.31   | 648.40     | 10.36   | ppb   |
| Potassium  | 39-2  | 1954.40  | 1902.33  | 1874.49  | 1910.41    | 2.12    | ppb   |
| Rhodium    | 103-1 |          |          |          | 97         |         | %     |
| Rhodium    | 103-2 |          |          |          | 94         |         | %     |
| Scandium   | 45-1  |          |          |          | 93         |         | %     |
| Scandium   | 45-2  |          |          |          | 83         |         | %     |
| Selenium   | 77-2  | 66.57    | 113.73   | 134.61   | 104.97     | 33.21   | ppb   |
| Selenium   | 78-2  | 10.03    | 10.30    | 14.99    | 11.77      | 23.72   | ppb   |
| Selenium   | 82-1  | 1.11     | 0.79     | -0.14    | 0.59       | 111.14  | ppb   |
| Silicon    | 28-1  | 1773.29  | 1569.44  | 1564.97  | 1635.90    | 7.27    | ppb   |
| Silver     | 109-1 | 0.08     | 0.07     | 0.07     | 0.07       | 12.65   | ppb   |
| Silver     | 107-1 | 0.09     | 0.09     | 0.08     | 0.09       | 3.39    | ppb   |
| Sodium     | 23-2  | 776.76   | 768.06   | 762.99   | 769.27     | 0.91    | ppb   |
| Strontium  | 86-1  | 85.25    | 76.56    | 78.72    | 80.17      | 5.64    | ppb   |
| Strontium  | 88-1  | 89.99    | 102.69   | 83.52    | 92.07      | 10.59   | ppb   |
| Sulfur     | 34-1  | -2171.73 | -3150.79 | -3384.23 | -2902.25   |         | ppb   |
| Terbium    | 159-1 |          |          |          | 104        |         | %     |
| Terbium    | 159-2 |          |          |          | 98         |         | %     |
| Thallium   | 203-1 | 0.42     | 0.41     | 0.41     | 0.41       | 0.50    | ppb   |
| Thallium   | 205-1 | 0.46     | 0.40     | 0.43     | 0.43       | 7.02    | ppb   |
| Tin        | 118-1 | 1.81     | 1.41     | 1.42     | 1.54       | 14.66   | ppb   |
| Titanium   | 47-1  | 42.95    | 39.92    | 43.70    | 42.19      | 4.74    | ppb   |
| Uranium    | 238-1 | 1.04     | 0.97     | 0.97     | 1.00       | 4.23    | ppb   |
| Vanadium   | 51-2  | 41.63    | 41.15    | 40.43    | 41.07      | 1.48    | ppb   |
| Yttrium    | 89-1  |          |          |          | 105        |         | %     |
| Yttrium    | 89-2  |          |          |          | 95         |         | %     |
| Zinc       | 66-2  | 108.54   | 105.17   | 107.03   | 106.92     | 1.58    | ppb   |
| Zirconium  | 90-1  | 4.04     | 3.68     | 3.74     | 3.82       | 4.98    | ppb   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB92809             | Operator :        | Jaswal    |
| Lab Sample ID :         | J1226-08            | Instrumnet Name : | P8        |
| Client Sample ID :      | MF6B00              | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2018-01-22 18:22:25 | DataFile Name :   | 085SMPL.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|-----------|------|---------|---------|---------|------------|---------|-------|
| Zirconium | 91-1 | 3.96    | 3.86    | 3.68    | 3.83       | 3.72    | ppb   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB92809             | Operator :        | Jaswal    |
| Lab Sample ID :         | J1226-09            | Instrumnet Name : | P8        |
| Client Sample ID :      | MF6B01              | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2018-01-22 18:25:35 | DataFile Name :   | 086SMPL.d |

| Parameter  | Mass  | ConRep1  | ConRep2  | ConRep3  | Avg. Conc. | ConcRSD | Units |
|------------|-------|----------|----------|----------|------------|---------|-------|
| Aluminium  | 27-2  | 12008.25 | 11462.71 | 11418.92 | 11629.96   | 2.82    | ppb   |
| Antimony   | 121-1 | 0.18     | 0.17     | 0.18     | 0.18       | 2.47    | ppb   |
| Arsenic    | 75-2  | 5.75     | 5.31     | 5.06     | 5.37       | 6.52    | ppb   |
| Barium     | 135-1 | 651.18   | 641.76   | 650.44   | 647.79     | 0.81    | ppb   |
| Barium     | 137-1 | 668.34   | 666.58   | 672.62   | 669.18     | 0.46    | ppb   |
| Beryllium  | 9-1   | 1.89     | 1.71     | 1.91     | 1.84       | 6.22    | ppb   |
| Bismuth    | 209-1 |          |          |          | 108        |         | %     |
| Bismuth    | 209-2 |          |          |          | 98         |         | %     |
| Boron      | 10-1  | 1.46     | 2.11     | 2.84     | 2.14       | 32.20   | ppb   |
| Boron      | 11-1  | 2.40     | 2.27     | 2.14     | 2.27       | 5.79    | ppb   |
| Cadmium    | 111-1 | 0.05     | 0.06     | 0.01     | 0.04       | 64.18   | ppb   |
| Cadmium    | 106-1 | 0.20     | -0.11    | -0.40    | -0.10      |         | ppb   |
| Cadmium    | 108-1 | 0.48     | 0.22     | 0.26     | 0.32       | 43.68   | ppb   |
| Calcium    | 43-1  | 12866.08 | 12684.73 | 12777.55 | 12776.12   | 0.71    | ppb   |
| Calcium    | 44-1  | 12850.49 | 12878.69 | 13007.57 | 12912.25   | 0.65    | ppb   |
| Chromium   | 52-2  | 18.71    | 18.81    | 18.73    | 18.75      | 0.28    | ppb   |
| Cobalt     | 59-2  | 21.65    | 21.49    | 21.33    | 21.49      | 0.75    | ppb   |
| Copper     | 63-2  | 35.41    | 35.06    | 34.59    | 35.02      | 1.18    | 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 |          |          |          | 107        |         | %     |
| Holmium    | 165-2 |          |          |          | 98         |         | %     |
| Indium     | 115-1 |          |          |          | 101        |         | %     |
| Indium     | 115-2 |          |          |          | 91         |         | %     |
| Iron       | 56-2  | 17893.44 | 17566.54 | 17725.21 | 17728.39   | 0.92    | ppb   |
| Iron       | 57-2  | 17025.26 | 17112.58 | 16980.65 | 17039.49   | 0.39    | ppb   |
| Lead       | 206-1 | 36.01    | 35.49    | 36.19    | 35.89      | 1.02    | ppb   |
| Lead       | 207-1 | 32.18    | 31.55    | 32.29    | 32.01      | 1.25    | ppb   |
| Lead       | 208-1 | 33.87    | 33.35    | 33.81    | 33.68      | 0.84    | ppb   |
| Lithium    | 6-1   |          |          |          | 93         |         | %     |
| Magnesium  | 24-2  | 9905.77  | 9863.87  | 9732.15  | 9833.93    | 0.92    | ppb   |
| Manganese  | 55-2  | 1153.05  | 1122.44  | 1137.29  | 1137.59    | 1.35    | ppb   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB92809             | Operator :        | Jaswal    |
| Lab Sample ID :         | J1226-09            | Instrumnet Name : | P8        |
| Client Sample ID :      | MF6B01              | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2018-01-22 18:25:35 | DataFile Name :   | 086SMPL.d |

| Parameter  | Mass  | ConRep1  | ConRep2  | ConRep3  | Avg. Conc. | ConcRSD | Units |
|------------|-------|----------|----------|----------|------------|---------|-------|
| Molybdenum | 94-1  | 4.07     | 4.03     | 4.06     | 4.05       | 0.51    | ppb   |
| Molybdenum | 95-1  | 0.32     | 0.30     | 0.31     | 0.31       | 3.05    | ppb   |
| Molybdenum | 96-1  | 0.96     | 0.84     | 0.86     | 0.89       | 7.52    | ppb   |
| Molybdenum | 97-1  | 0.28     | 0.34     | 0.33     | 0.32       | 10.19   | ppb   |
| Molybdenum | 98-1  | 0.30     | 0.26     | 0.29     | 0.28       | 7.94    | ppb   |
| Neodymium  | 150-1 |          |          |          |            |         | cps   |
| Neodymium  | 150-2 |          |          |          |            |         | cps   |
| Nickel     | 60-2  | 45.15    | 43.21    | 42.48    | 43.61      | 3.16    | ppb   |
| Phosphorus | 31-2  | 361.99   | 397.44   | 615.96   | 458.46     | 30.00   | ppb   |
| Potassium  | 39-2  | 1673.52  | 1650.47  | 1659.66  | 1661.22    | 0.70    | ppb   |
| Rhodium    | 103-1 |          |          |          | 100        |         | %     |
| Rhodium    | 103-2 |          |          |          | 94         |         | %     |
| Scandium   | 45-1  |          |          |          | 95         |         | %     |
| Scandium   | 45-2  |          |          |          | 82         |         | %     |
| Selenium   | 77-2  | 90.23    | 37.93    | 75.29    | 67.82      | 39.72   | ppb   |
| Selenium   | 78-2  | 7.76     | 5.38     | 9.00     | 7.38       | 24.90   | ppb   |
| Selenium   | 82-1  | -0.16    | -0.18    | 0.51     | 0.06       | 674.91  | ppb   |
| Silicon    | 28-1  | 1055.37  | 1016.92  | 1055.96  | 1042.75    | 2.15    | ppb   |
| Silver     | 109-1 | 0.03     | 0.04     | 0.05     | 0.04       | 26.59   | ppb   |
| Silver     | 107-1 | 0.04     | 0.04     | 0.04     | 0.04       | 7.38    | ppb   |
| Sodium     | 23-2  | 599.06   | 609.07   | 610.79   | 606.31     | 1.04    | ppb   |
| Strontium  | 86-1  | 66.11    | 65.98    | 65.58    | 65.89      | 0.42    | ppb   |
| Strontium  | 88-1  | 67.93    | 67.21    | 67.55    | 67.56      | 0.53    | ppb   |
| Sulfur     | 34-1  | -3370.53 | -3563.48 | -3306.66 | -3413.55   |         | ppb   |
| Terbium    | 159-1 |          |          |          | 106        |         | %     |
| Terbium    | 159-2 |          |          |          | 98         |         | %     |
| Thallium   | 203-1 | 0.31     | 0.26     | 0.28     | 0.29       | 8.85    | ppb   |
| Thallium   | 205-1 | 0.31     | 0.30     | 0.30     | 0.30       | 1.99    | ppb   |
| Tin        | 118-1 | 1.30     | 1.29     | 2.12     | 1.57       | 30.55   | ppb   |
| Titanium   | 47-1  | 26.55    | 26.84    | 24.31    | 25.90      | 5.35    | ppb   |
| Uranium    | 238-1 | 1.00     | 1.02     | 1.03     | 1.01       | 1.62    | ppb   |
| Vanadium   | 51-2  | 25.69    | 24.74    | 24.78    | 25.07      | 2.15    | ppb   |
| Yttrium    | 89-1  |          |          |          | 105        |         | %     |
| Yttrium    | 89-2  |          |          |          | 95         |         | %     |
| Zinc       | 66-2  | 89.58    | 90.42    | 93.25    | 91.08      | 2.11    | ppb   |
| Zirconium  | 90-1  | 2.50     | 2.38     | 2.38     | 2.42       | 3.01    | ppb   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB92809             | Operator :        | Jaswal    |
| Lab Sample ID :         | J1226-09            | Instrumnet Name : | P8        |
| Client Sample ID :      | MF6B01              | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2018-01-22 18:25:35 | DataFile Name :   | 086SMPL.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|-----------|------|---------|---------|---------|------------|---------|-------|
| Zirconium | 91-1 | 2.35    | 2.49    | 2.32    | 2.38       | 3.74    | ppb   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB92809             | Operator :        | Jaswal    |
| Lab Sample ID :         | J1226-10            | Instrumnet Name : | P8        |
| Client Sample ID :      | MF6B02              | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2018-01-22 18:28:45 | DataFile Name :   | 087SMPL.d |

| Parameter  | Mass  | ConRep1  | ConRep2  | ConRep3  | Avg. Conc. | ConcRSD | Units |
|------------|-------|----------|----------|----------|------------|---------|-------|
| Aluminium  | 27-2  | 15406.82 | 16023.65 | 15811.02 | 15747.16   | 1.99    | ppb   |
| Antimony   | 121-1 | 0.25     | 0.31     | 0.27     | 0.28       | 11.55   | ppb   |
| Arsenic    | 75-2  | 24.18    | 23.00    | 21.97    | 23.05      | 4.81    | ppb   |
| Barium     | 135-1 | 506.83   | 537.98   | 516.95   | 520.59     | 3.05    | ppb   |
| Barium     | 137-1 | 518.90   | 557.52   | 518.51   | 531.64     | 4.22    | ppb   |
| Beryllium  | 9-1   | 1.87     | 2.37     | 1.95     | 2.06       | 13.00   | ppb   |
| Bismuth    | 209-1 |          |          |          | 106        |         | %     |
| Bismuth    | 209-2 |          |          |          | 98         |         | %     |
| Boron      | 10-1  | 3.59     | 4.28     | 4.32     | 4.06       | 10.05   | ppb   |
| Boron      | 11-1  | 4.17     | 4.77     | 4.47     | 4.47       | 6.75    | ppb   |
| Cadmium    | 111-1 | 0.20     | 0.27     | 0.13     | 0.20       | 35.88   | ppb   |
| Cadmium    | 106-1 | 0.09     | 0.60     | -0.16    | 0.18       | 216.37  | ppb   |
| Cadmium    | 108-1 | 0.73     | 0.70     | 0.74     | 0.73       | 2.69    | ppb   |
| Calcium    | 43-1  | 47513.95 | 50184.03 | 47480.12 | 48392.70   | 3.21    | ppb   |
| Calcium    | 44-1  | 47540.17 | 50548.34 | 47692.60 | 48593.71   | 3.49    | ppb   |
| Chromium   | 52-2  | 28.14    | 29.66    | 29.61    | 29.14      | 2.96    | ppb   |
| Cobalt     | 59-2  | 20.36    | 20.19    | 20.51    | 20.35      | 0.79    | ppb   |
| Copper     | 63-2  | 38.94    | 40.01    | 40.09    | 39.68      | 1.61    | 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 |          |          |          | 90         |         | %     |
| Iron       | 56-2  | 41376.90 | 42634.01 | 42755.17 | 42255.36   | 1.81    | ppb   |
| Iron       | 57-2  | 39748.37 | 40872.73 | 41655.71 | 40758.94   | 2.35    | ppb   |
| Lead       | 206-1 | 30.07    | 31.66    | 29.54    | 30.42      | 3.64    | ppb   |
| Lead       | 207-1 | 26.31    | 28.51    | 26.39    | 27.07      | 4.61    | ppb   |
| Lead       | 208-1 | 28.07    | 29.81    | 27.79    | 28.56      | 3.83    | ppb   |
| Lithium    | 6-1   |          |          |          | 90         |         | %     |
| Magnesium  | 24-2  | 13863.51 | 14005.46 | 14310.83 | 14059.93   | 1.63    | ppb   |
| Manganese  | 55-2  | 880.22   | 902.25   | 916.53   | 899.67     | 2.03    | ppb   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB92809             | Operator :        | Jaswal    |
| Lab Sample ID :         | J1226-10            | Instrumnet Name : | P8        |
| Client Sample ID :      | MF6B02              | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2018-01-22 18:28:45 | DataFile Name :   | 087SMPL.d |

| Parameter  | Mass  | ConRep1  | ConRep2  | ConRep3  | Avg. Conc. | ConcRSD | Units |
|------------|-------|----------|----------|----------|------------|---------|-------|
| Molybdenum | 94-1  | 5.71     | 5.90     | 5.47     | 5.69       | 3.85    | ppb   |
| Molybdenum | 95-1  | 0.50     | 0.55     | 0.45     | 0.50       | 10.33   | ppb   |
| Molybdenum | 96-1  | 1.26     | 1.44     | 1.43     | 1.38       | 7.45    | ppb   |
| Molybdenum | 97-1  | 0.57     | 0.53     | 0.47     | 0.52       | 9.68    | ppb   |
| Molybdenum | 98-1  | 0.44     | 0.51     | 0.49     | 0.48       | 8.10    | ppb   |
| Neodymium  | 150-1 |          |          |          |            |         | cps   |
| Neodymium  | 150-2 |          |          |          |            |         | cps   |
| Nickel     | 60-2  | 45.47    | 45.47    | 46.51    | 45.82      | 1.31    | ppb   |
| Phosphorus | 31-2  | 687.56   | 965.39   | 1058.17  | 903.71     | 21.34   | ppb   |
| Potassium  | 39-2  | 2332.18  | 2269.34  | 2328.83  | 2310.12    | 1.53    | ppb   |
| Rhodium    | 103-1 |          |          |          | 97         |         | %     |
| Rhodium    | 103-2 |          |          |          | 93         |         | %     |
| Scandium   | 45-1  |          |          |          | 93         |         | %     |
| Scandium   | 45-2  |          |          |          | 81         |         | %     |
| Selenium   | 77-2  | 68.13    | 98.22    | 52.61    | 72.98      | 31.77   | ppb   |
| Selenium   | 78-2  | 11.51    | 10.26    | 12.64    | 11.47      | 10.37   | ppb   |
| Selenium   | 82-1  | 0.37     | 1.09     | 1.00     | 0.82       | 48.20   | ppb   |
| Silicon    | 28-1  | 1882.90  | 2355.32  | 1806.46  | 2014.89    | 14.75   | ppb   |
| Silver     | 109-1 | 0.04     | 0.03     | 0.04     | 0.04       | 11.20   | ppb   |
| Silver     | 107-1 | 0.04     | 0.05     | 0.04     | 0.04       | 11.94   | ppb   |
| Sodium     | 23-2  | 576.38   | 596.83   | 608.04   | 593.75     | 2.70    | ppb   |
| Strontium  | 86-1  | 97.90    | 104.47   | 97.28    | 99.88      | 3.99    | ppb   |
| Strontium  | 88-1  | 103.07   | 110.19   | 102.99   | 105.42     | 3.92    | ppb   |
| Sulfur     | 34-1  | -2996.16 | -2098.35 | -2772.74 | -2622.42   |         | ppb   |
| Terbium    | 159-1 |          |          |          | 104        |         | %     |
| Terbium    | 159-2 |          |          |          | 98         |         | %     |
| Thallium   | 203-1 | 0.48     | 0.44     | 0.46     | 0.46       | 4.53    | ppb   |
| Thallium   | 205-1 | 0.48     | 0.47     | 0.46     | 0.47       | 1.33    | ppb   |
| Tin        | 118-1 | 1.62     | 1.75     | 1.57     | 1.64       | 5.70    | ppb   |
| Titanium   | 47-1  | 63.10    | 68.65    | 56.60    | 62.79      | 9.60    | ppb   |
| Uranium    | 238-1 | 1.40     | 1.53     | 1.42     | 1.45       | 4.71    | ppb   |
| Vanadium   | 51-2  | 48.26    | 49.19    | 50.13    | 49.19      | 1.90    | ppb   |
| Yttrium    | 89-1  |          |          |          | 105        |         | %     |
| Yttrium    | 89-2  |          |          |          | 95         |         | %     |
| Zinc       | 66-2  | 111.80   | 114.97   | 114.40   | 113.73     | 1.48    | ppb   |
| Zirconium  | 90-1  | 3.37     | 3.70     | 3.65     | 3.57       | 5.06    | ppb   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB92809             | Operator :        | Jaswal    |
| Lab Sample ID :         | J1226-10            | Instrumnet Name : | P8        |
| Client Sample ID :      | MF6B02              | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2018-01-22 18:28:45 | DataFile Name :   | 087SMPL.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|-----------|------|---------|---------|---------|------------|---------|-------|
| Zirconium | 91-1 | 11.48   | 3.57    | 3.49    | 6.18       | 74.21   | ppb   |



|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB92809             | Operator :        | Jaswal    |
| Lab Sample ID :         | J1226-13            | Instrumnet Name : | P8        |
| Client Sample ID :      | MF6B03              | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2018-01-22 18:31:55 | DataFile Name :   | 088SMPL.d |

| Parameter  | Mass  | ConRep1  | ConRep2  | ConRep3  | Avg. Conc. | ConcRSD | Units |
|------------|-------|----------|----------|----------|------------|---------|-------|
| Aluminium  | 27-2  | 13898.62 | 14232.63 | 14496.80 | 14209.35   | 2.11    | ppb   |
| Antimony   | 121-1 | 0.33     | 0.34     | 0.34     | 0.34       | 2.01    | ppb   |
| Arsenic    | 75-2  | 13.87    | 14.29    | 13.74    | 13.96      | 2.06    | ppb   |
| Barium     | 135-1 | 586.58   | 587.25   | 582.91   | 585.58     | 0.40    | ppb   |
| Barium     | 137-1 | 615.34   | 608.38   | 609.73   | 611.15     | 0.60    | ppb   |
| Beryllium  | 9-1   | 1.73     | 1.60     | 1.83     | 1.72       | 6.70    | ppb   |
| Bismuth    | 209-1 |          |          |          | 108        |         | %     |
| Bismuth    | 209-2 |          |          |          | 98         |         | %     |
| Boron      | 10-1  | 3.55     | 4.31     | 3.69     | 3.85       | 10.60   | ppb   |
| Boron      | 11-1  | 3.40     | 3.89     | 3.50     | 3.60       | 7.20    | ppb   |
| Cadmium    | 111-1 | 0.33     | 0.55     | 0.26     | 0.38       | 40.00   | ppb   |
| Cadmium    | 106-1 | 0.69     | 3.49     | 0.23     | 1.47       | 119.95  | ppb   |
| Cadmium    | 108-1 | 0.84     | 0.51     | 0.61     | 0.66       | 26.19   | ppb   |
| Calcium    | 43-1  | 42849.28 | 42909.83 | 41760.26 | 42506.46   | 1.52    | ppb   |
| Calcium    | 44-1  | 42865.65 | 42842.86 | 42315.33 | 42674.61   | 0.73    | ppb   |
| Chromium   | 52-2  | 25.14    | 23.51    | 26.07    | 24.91      | 5.21    | ppb   |
| Cobalt     | 59-2  | 19.07    | 19.49    | 19.54    | 19.37      | 1.35    | ppb   |
| Copper     | 63-2  | 37.67    | 38.07    | 39.24    | 38.33      | 2.12    | ppb   |
| Dysprosium | 156-1 |          |          |          |            |         | cps   |
| Dysprosium | 156-2 |          |          |          |            |         | cps   |
| Erbium     | 164-1 |          |          |          |            |         | cps   |
| Erbium     | 164-2 |          |          |          |            |         | cps   |
| Gadolinium | 160-1 |          |          |          |            |         | cps   |
| Gadolinium | 160-2 |          |          |          |            |         | cps   |
| Holmium    | 165-1 |          |          |          | 108        |         | %     |
| Holmium    | 165-2 |          |          |          | 98         |         | %     |
| Indium     | 115-1 |          |          |          | 102        |         | %     |
| Indium     | 115-2 |          |          |          | 88         |         | %     |
| Iron       | 56-2  | 28562.48 | 29574.20 | 29834.47 | 29323.72   | 2.29    | ppb   |
| Iron       | 57-2  | 27900.67 | 28419.05 | 28967.09 | 28428.94   | 1.88    | ppb   |
| Lead       | 206-1 | 29.69    | 29.52    | 29.90    | 29.70      | 0.64    | ppb   |
| Lead       | 207-1 | 26.06    | 25.99    | 26.77    | 26.27      | 1.64    | ppb   |
| Lead       | 208-1 | 27.81    | 27.68    | 27.92    | 27.80      | 0.43    | ppb   |
| Lithium    | 6-1   |          |          |          | 92         |         | %     |
| Magnesium  | 24-2  | 14995.92 | 15010.88 | 15339.05 | 15115.28   | 1.28    | ppb   |
| Manganese  | 55-2  | 1282.79  | 1290.53  | 1337.02  | 1303.45    | 2.25    | ppb   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB92809             | Operator :        | Jaswal    |
| Lab Sample ID :         | J1226-13            | Instrumnet Name : | P8        |
| Client Sample ID :      | MF6B03              | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2018-01-22 18:31:55 | DataFile Name :   | 088SMPL.d |

| Parameter  | Mass  | ConRep1  | ConRep2  | ConRep3  | Avg. Conc. | ConcRSD | Units |
|------------|-------|----------|----------|----------|------------|---------|-------|
| Molybdenum | 94-1  | 7.99     | 8.34     | 8.19     | 8.18       | 2.18    | ppb   |
| Molybdenum | 95-1  | 0.51     | 0.52     | 0.56     | 0.53       | 5.80    | ppb   |
| Molybdenum | 96-1  | 1.52     | 1.77     | 1.73     | 1.67       | 8.20    | ppb   |
| Molybdenum | 97-1  | 0.61     | 0.55     | 0.53     | 0.56       | 7.82    | ppb   |
| Molybdenum | 98-1  | 0.52     | 0.52     | 0.59     | 0.54       | 7.06    | ppb   |
| Neodymium  | 150-1 |          |          |          |            |         | cps   |
| Neodymium  | 150-2 |          |          |          |            |         | cps   |
| Nickel     | 60-2  | 47.00    | 47.92    | 47.75    | 47.56      | 1.04    | ppb   |
| Phosphorus | 31-2  | 656.23   | 1165.39  | 766.17   | 862.60     | 31.06   | ppb   |
| Potassium  | 39-2  | 1980.74  | 2008.96  | 2083.78  | 2024.49    | 2.63    | ppb   |
| Rhodium    | 103-1 |          |          |          | 99         |         | %     |
| Rhodium    | 103-2 |          |          |          | 92         |         | %     |
| Scandium   | 45-1  |          |          |          | 94         |         | %     |
| Scandium   | 45-2  |          |          |          | 80         |         | %     |
| Selenium   | 77-2  | 67.76    | 114.33   | 54.63    | 78.91      | 39.76   | ppb   |
| Selenium   | 78-2  | 13.88    | 14.06    | 13.15    | 13.70      | 3.51    | ppb   |
| Selenium   | 82-1  | 0.76     | 0.56     | 0.18     | 0.50       | 59.55   | ppb   |
| Silicon    | 28-1  | 2189.73  | 2183.30  | 2041.48  | 2138.17    | 3.92    | ppb   |
| Silver     | 109-1 | 0.04     | 0.04     | 0.03     | 0.04       | 11.71   | ppb   |
| Silver     | 107-1 | 0.06     | 0.03     | 0.03     | 0.04       | 39.92   | ppb   |
| Sodium     | 23-2  | 523.02   | 517.81   | 612.43   | 551.09     | 9.65    | ppb   |
| Strontium  | 86-1  | 83.03    | 83.75    | 83.85    | 83.54      | 0.53    | ppb   |
| Strontium  | 88-1  | 88.57    | 87.01    | 88.58    | 88.05      | 1.03    | ppb   |
| Sulfur     | 34-1  | -2769.45 | -2791.16 | -3034.30 | -2864.97   |         | ppb   |
| Terbium    | 159-1 |          |          |          | 107        |         | %     |
| Terbium    | 159-2 |          |          |          | 97         |         | %     |
| Thallium   | 203-1 | 0.47     | 0.43     | 0.44     | 0.45       | 4.70    | ppb   |
| Thallium   | 205-1 | 0.44     | 0.45     | 0.44     | 0.45       | 1.80    | ppb   |
| Tin        | 118-1 | 1.37     | 1.38     | 1.43     | 1.39       | 2.42    | ppb   |
| Titanium   | 47-1  | 83.60    | 82.63    | 81.60    | 82.61      | 1.21    | ppb   |
| Uranium    | 238-1 | 1.39     | 1.40     | 1.45     | 1.41       | 2.47    | ppb   |
| Vanadium   | 51-2  | 41.56    | 42.31    | 43.22    | 42.36      | 1.97    | ppb   |
| Yttrium    | 89-1  |          |          |          | 106        |         | %     |
| Yttrium    | 89-2  |          |          |          | 93         |         | %     |
| Zinc       | 66-2  | 103.41   | 104.07   | 107.54   | 105.00     | 2.11    | ppb   |
| Zirconium  | 90-1  | 5.09     | 4.82     | 4.94     | 4.95       | 2.71    | ppb   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB92809             | Operator :        | Jaswal    |
| Lab Sample ID :         | J1226-13            | Instrumnet Name : | P8        |
| Client Sample ID :      | MF6B03              | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2018-01-22 18:31:55 | DataFile Name :   | 088SMPL.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|-----------|------|---------|---------|---------|------------|---------|-------|
| Zirconium | 91-1 | 6.45    | 5.55    | 4.82    | 5.61       | 14.60   | ppb   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB92809             | Operator :        | Jaswal    |
| Lab Sample ID :         | J1226-14            | Instrumnet Name : | P8        |
| Client Sample ID :      | MF6B04              | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2018-01-22 18:35:05 | DataFile Name :   | 089SMPL.d |

| Parameter  | Mass  | ConRep1  | ConRep2  | ConRep3  | Avg. Conc. | ConcRSD | Units |
|------------|-------|----------|----------|----------|------------|---------|-------|
| Aluminium  | 27-2  | 10349.22 | 11243.29 | 10205.88 | 10599.46   | 5.30    | ppb   |
| Antimony   | 121-1 | 0.36     | 0.34     | 0.32     | 0.34       | 5.99    | ppb   |
| Arsenic    | 75-2  | 7.67     | 7.87     | 7.59     | 7.71       | 1.91    | ppb   |
| Barium     | 135-1 | 395.12   | 392.85   | 390.23   | 392.73     | 0.62    | ppb   |
| Barium     | 137-1 | 395.52   | 391.36   | 392.59   | 393.16     | 0.54    | ppb   |
| Beryllium  | 9-1   | 1.18     | 1.30     | 1.30     | 1.26       | 5.79    | ppb   |
| Bismuth    | 209-1 |          |          |          | 108        |         | %     |
| Bismuth    | 209-2 |          |          |          | 96         |         | %     |
| Boron      | 10-1  | 4.90     | 5.54     | 5.12     | 5.19       | 6.25    | ppb   |
| Boron      | 11-1  | 5.25     | 5.65     | 5.65     | 5.52       | 4.19    | ppb   |
| Cadmium    | 111-1 | 0.11     | 0.15     | 0.19     | 0.15       | 26.79   | ppb   |
| Cadmium    | 106-1 | -0.56    | -0.42    | 0.18     | -0.26      |         | ppb   |
| Cadmium    | 108-1 | 0.96     | 0.88     | 0.51     | 0.78       | 30.31   | ppb   |
| Calcium    | 43-1  | 34672.45 | 34753.25 | 34558.31 | 34661.34   | 0.28    | ppb   |
| Calcium    | 44-1  | 34462.63 | 35137.59 | 35255.76 | 34951.99   | 1.22    | ppb   |
| Chromium   | 52-2  | 19.65    | 18.83    | 19.31    | 19.26      | 2.14    | ppb   |
| Cobalt     | 59-2  | 13.96    | 14.04    | 13.56    | 13.85      | 1.84    | ppb   |
| Copper     | 63-2  | 29.01    | 29.55    | 28.25    | 28.93      | 2.26    | ppb   |
| Dysprosium | 156-1 |          |          |          |            |         | cps   |
| Dysprosium | 156-2 |          |          |          |            |         | cps   |
| Erbium     | 164-1 |          |          |          |            |         | cps   |
| Erbium     | 164-2 |          |          |          |            |         | cps   |
| Gadolinium | 160-1 |          |          |          |            |         | cps   |
| Gadolinium | 160-2 |          |          |          |            |         | cps   |
| Holmium    | 165-1 |          |          |          | 107        |         | %     |
| Holmium    | 165-2 |          |          |          | 97         |         | %     |
| Indium     | 115-1 |          |          |          | 101        |         | %     |
| Indium     | 115-2 |          |          |          | 88         |         | %     |
| Iron       | 56-2  | 21325.67 | 21486.74 | 20878.62 | 21230.34   | 1.48    | ppb   |
| Iron       | 57-2  | 20698.18 | 21224.98 | 20155.87 | 20693.01   | 2.58    | ppb   |
| Lead       | 206-1 | 18.30    | 18.36    | 18.09    | 18.25      | 0.78    | ppb   |
| Lead       | 207-1 | 16.35    | 16.16    | 16.33    | 16.28      | 0.65    | ppb   |
| Lead       | 208-1 | 17.35    | 17.17    | 17.11    | 17.21      | 0.71    | ppb   |
| Lithium    | 6-1   |          |          |          | 92         |         | %     |
| Magnesium  | 24-2  | 14353.05 | 14463.92 | 14145.60 | 14320.86   | 1.13    | ppb   |
| Manganese  | 55-2  | 790.07   | 801.98   | 781.08   | 791.04     | 1.33    | ppb   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB92809             | Operator :        | Jaswal    |
| Lab Sample ID :         | J1226-14            | Instrumnet Name : | P8        |
| Client Sample ID :      | MF6B04              | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2018-01-22 18:35:05 | DataFile Name :   | 089SMPL.d |

| Parameter  | Mass  | ConRep1  | ConRep2  | ConRep3  | Avg. Conc. | ConcRSD | Units |
|------------|-------|----------|----------|----------|------------|---------|-------|
| Molybdenum | 94-1  | 7.69     | 7.70     | 7.78     | 7.72       | 0.66    | ppb   |
| Molybdenum | 95-1  | 0.25     | 0.22     | 0.23     | 0.23       | 8.46    | ppb   |
| Molybdenum | 96-1  | 1.25     | 1.07     | 1.20     | 1.17       | 7.73    | ppb   |
| Molybdenum | 97-1  | 0.24     | 0.22     | 0.21     | 0.23       | 5.52    | ppb   |
| Molybdenum | 98-1  | 0.25     | 0.22     | 0.24     | 0.24       | 4.84    | ppb   |
| Neodymium  | 150-1 |          |          |          |            |         | cps   |
| Neodymium  | 150-2 |          |          |          |            |         | cps   |
| Nickel     | 60-2  | 34.70    | 34.91    | 32.49    | 34.03      | 3.94    | ppb   |
| Phosphorus | 31-2  | 976.82   | 1193.37  | 962.57   | 1044.26    | 12.39   | ppb   |
| Potassium  | 39-2  | 1782.82  | 1855.95  | 1731.42  | 1790.06    | 3.50    | ppb   |
| Rhodium    | 103-1 |          |          |          | 99         |         | %     |
| Rhodium    | 103-2 |          |          |          | 92         |         | %     |
| Scandium   | 45-1  |          |          |          | 93         |         | %     |
| Scandium   | 45-2  |          |          |          | 80         |         | %     |
| Selenium   | 77-2  | 91.92    | 101.49   | 84.57    | 92.66      | 9.15    | ppb   |
| Selenium   | 78-2  | 11.65    | 13.16    | 10.45    | 11.75      | 11.53   | ppb   |
| Selenium   | 82-1  | 0.18     | 0.25     | 0.34     | 0.26       | 32.50   | ppb   |
| Silicon    | 28-1  | 2262.47  | 2108.28  | 2909.75  | 2426.84    | 17.52   | ppb   |
| Silver     | 109-1 | 0.04     | 0.04     | 0.05     | 0.04       | 13.75   | ppb   |
| Silver     | 107-1 | 0.04     | 0.05     | 0.05     | 0.05       | 17.91   | ppb   |
| Sodium     | 23-2  | 357.84   | 365.24   | 361.12   | 361.40     | 1.03    | ppb   |
| Strontium  | 86-1  | 64.68    | 66.39    | 65.69    | 65.58      | 1.31    | ppb   |
| Strontium  | 88-1  | 66.55    | 67.22    | 67.52    | 67.10      | 0.74    | ppb   |
| Sulfur     | 34-1  | -3026.60 | -2811.86 | -2701.47 | -2846.64   |         | ppb   |
| Terbium    | 159-1 |          |          |          | 106        |         | %     |
| Terbium    | 159-2 |          |          |          | 96         |         | %     |
| Thallium   | 203-1 | 0.30     | 0.25     | 0.29     | 0.28       | 7.95    | ppb   |
| Thallium   | 205-1 | 0.29     | 0.31     | 0.29     | 0.30       | 2.89    | ppb   |
| Tin        | 118-1 | 1.05     | 1.00     | 1.02     | 1.02       | 2.69    | ppb   |
| Titanium   | 47-1  | 114.64   | 112.49   | 112.31   | 113.15     | 1.14    | ppb   |
| Uranium    | 238-1 | 1.16     | 1.16     | 1.17     | 1.17       | 0.66    | ppb   |
| Vanadium   | 51-2  | 35.26    | 35.17    | 34.34    | 34.92      | 1.45    | ppb   |
| Yttrium    | 89-1  |          |          |          | 106        |         | %     |
| Yttrium    | 89-2  |          |          |          | 92         |         | %     |
| Zinc       | 66-2  | 71.49    | 74.20    | 68.63    | 71.44      | 3.90    | ppb   |
| Zirconium  | 90-1  | 4.64     | 4.80     | 4.76     | 4.73       | 1.74    | ppb   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB92809             | Operator :        | Jaswal    |
| Lab Sample ID :         | J1226-14            | Instrumnet Name : | P8        |
| Client Sample ID :      | MF6B04              | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2018-01-22 18:35:05 | DataFile Name :   | 089SMPL.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|-----------|------|---------|---------|---------|------------|---------|-------|
| Zirconium | 91-1 | 5.21    | 5.18    | 4.85    | 5.08       | 3.90    | ppb   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB92809             | Operator :        | Jaswal    |
| Lab Sample ID :         | J1226-15            | Instrumnet Name : | P8        |
| Client Sample ID :      | MF6B06              | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2018-01-22 18:38:15 | DataFile Name :   | 090SMPL.d |

| Parameter  | Mass  | ConRep1  | ConRep2  | ConRep3  | Avg. Conc. | ConcRSD | Units |
|------------|-------|----------|----------|----------|------------|---------|-------|
| Aluminium  | 27-2  | 12741.11 | 14582.40 | 14334.74 | 13886.08   | 7.20    | ppb   |
| Antimony   | 121-1 | 0.35     | 0.34     | 0.40     | 0.36       | 8.89    | ppb   |
| Arsenic    | 75-2  | 4.53     | 4.45     | 4.67     | 4.55       | 2.40    | ppb   |
| Barium     | 135-1 | 378.55   | 371.93   | 370.58   | 373.69     | 1.14    | ppb   |
| Barium     | 137-1 | 379.40   | 369.92   | 374.69   | 374.67     | 1.27    | ppb   |
| Beryllium  | 9-1   | 1.59     | 1.55     | 1.69     | 1.61       | 4.57    | ppb   |
| Bismuth    | 209-1 |          |          |          | 109        |         | %     |
| Bismuth    | 209-2 |          |          |          | 95         |         | %     |
| Boron      | 10-1  | 4.56     | 2.70     | 3.58     | 3.61       | 25.85   | ppb   |
| Boron      | 11-1  | 3.82     | 4.28     | 4.18     | 4.09       | 6.01    | ppb   |
| Cadmium    | 111-1 | 4.99     | 4.91     | 5.19     | 5.03       | 2.82    | ppb   |
| Cadmium    | 106-1 | 3.80     | 4.16     | 5.93     | 4.63       | 24.67   | ppb   |
| Cadmium    | 108-1 | 4.99     | 5.63     | 4.93     | 5.18       | 7.43    | ppb   |
| Calcium    | 43-1  | 12197.65 | 12070.50 | 11941.08 | 12069.74   | 1.06    | ppb   |
| Calcium    | 44-1  | 12375.63 | 12517.57 | 12307.09 | 12400.10   | 0.87    | ppb   |
| Chromium   | 52-2  | 21.73    | 24.92    | 24.45    | 23.70      | 7.27    | ppb   |
| Cobalt     | 59-2  | 15.80    | 17.79    | 17.04    | 16.88      | 5.94    | ppb   |
| Copper     | 63-2  | 50.42    | 57.76    | 55.25    | 54.48      | 6.85    | ppb   |
| Dysprosium | 156-1 |          |          |          |            |         | 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 |          |          |          | 95         |         | %     |
| Indium     | 115-1 |          |          |          | 101        |         | %     |
| Indium     | 115-2 |          |          |          | 87         |         | %     |
| Iron       | 56-2  | 18805.67 | 21849.14 | 20688.32 | 20447.71   | 7.51    | ppb   |
| Iron       | 57-2  | 18063.87 | 21082.26 | 19915.00 | 19687.04   | 7.73    | ppb   |
| Lead       | 206-1 | 24.43    | 24.26    | 24.41    | 24.37      | 0.39    | ppb   |
| Lead       | 207-1 | 22.15    | 21.94    | 22.08    | 22.06      | 0.48    | ppb   |
| Lead       | 208-1 | 23.13    | 22.98    | 23.05    | 23.05      | 0.33    | ppb   |
| Lithium    | 6-1   |          |          |          | 93         |         | %     |
| Magnesium  | 24-2  | 10281.65 | 11880.02 | 11169.62 | 11110.43   | 7.21    | ppb   |
| Manganese  | 55-2  | 351.28   | 405.98   | 381.71   | 379.66     | 7.22    | ppb   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB92809             | Operator :        | Jaswal    |
| Lab Sample ID :         | J1226-15            | Instrumnet Name : | P8        |
| Client Sample ID :      | MF6B06              | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2018-01-22 18:38:15 | DataFile Name :   | 090SMPL.d |

| Parameter  | Mass  | ConRep1  | ConRep2  | ConRep3  | Avg. Conc. | ConcRSD | Units |
|------------|-------|----------|----------|----------|------------|---------|-------|
| Molybdenum | 94-1  | 4.77     | 4.74     | 4.84     | 4.78       | 1.03    | ppb   |
| Molybdenum | 95-1  | 0.22     | 0.29     | 0.25     | 0.25       | 13.73   | ppb   |
| Molybdenum | 96-1  | 0.88     | 0.90     | 1.00     | 0.93       | 6.69    | ppb   |
| Molybdenum | 97-1  | 0.29     | 0.25     | 0.31     | 0.28       | 10.34   | ppb   |
| Molybdenum | 98-1  | 0.33     | 0.21     | 0.22     | 0.26       | 26.49   | ppb   |
| Neodymium  | 150-1 |          |          |          |            |         | cps   |
| Neodymium  | 150-2 |          |          |          |            |         | cps   |
| Nickel     | 60-2  | 42.06    | 49.59    | 47.21    | 46.29      | 8.31    | ppb   |
| Phosphorus | 31-2  | 208.26   | 567.77   | 597.30   | 457.77     | 47.31   | ppb   |
| Potassium  | 39-2  | 2422.99  | 2974.68  | 2650.77  | 2682.81    | 10.33   | ppb   |
| Rhodium    | 103-1 |          |          |          | 99         |         | %     |
| Rhodium    | 103-2 |          |          |          | 91         |         | %     |
| Scandium   | 45-1  |          |          |          | 94         |         | %     |
| Scandium   | 45-2  |          |          |          | 80         |         | %     |
| Selenium   | 77-2  | 97.56    | 109.31   | 133.56   | 113.48     | 16.18   | ppb   |
| Selenium   | 78-2  | 12.62    | 12.87    | 19.69    | 15.06      | 26.63   | ppb   |
| Selenium   | 82-1  | 1.62     | 0.74     | 0.70     | 1.02       | 50.56   | ppb   |
| Silicon    | 28-1  | 1650.39  | 1701.11  | 1531.31  | 1627.60    | 5.36    | ppb   |
| Silver     | 109-1 | 0.15     | 0.13     | 0.15     | 0.14       | 5.93    | ppb   |
| Silver     | 107-1 | 0.16     | 0.16     | 0.17     | 0.16       | 4.98    | ppb   |
| Sodium     | 23-2  | 366.78   | 450.53   | 421.81   | 413.04     | 10.30   | ppb   |
| Strontium  | 86-1  | 57.11    | 56.37    | 56.26    | 56.58      | 0.82    | ppb   |
| Strontium  | 88-1  | 58.96    | 57.73    | 57.96    | 58.21      | 1.12    | ppb   |
| Sulfur     | 34-1  | -3007.33 | -3057.77 | -3267.68 | -3110.93   |         | ppb   |
| Terbium    | 159-1 |          |          |          | 106        |         | %     |
| Terbium    | 159-2 |          |          |          | 95         |         | %     |
| Thallium   | 203-1 | 0.36     | 0.36     | 0.38     | 0.37       | 2.95    | ppb   |
| Thallium   | 205-1 | 0.41     | 0.43     | 0.40     | 0.41       | 3.86    | ppb   |
| Tin        | 118-1 | 1.36     | 1.32     | 1.32     | 1.33       | 1.59    | ppb   |
| Titanium   | 47-1  | 65.82    | 65.92    | 65.71    | 65.82      | 0.16    | ppb   |
| Uranium    | 238-1 | 1.25     | 1.24     | 1.23     | 1.24       | 0.87    | ppb   |
| Vanadium   | 51-2  | 48.11    | 54.19    | 52.62    | 51.64      | 6.11    | ppb   |
| Yttrium    | 89-1  |          |          |          | 106        |         | %     |
| Yttrium    | 89-2  |          |          |          | 92         |         | %     |
| Zinc       | 66-2  | 100.89   | 118.39   | 115.34   | 111.54     | 8.38    | ppb   |
| Zirconium  | 90-1  | 2.96     | 3.21     | 2.93     | 3.03       | 5.06    | ppb   |



|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB92809             | Operator :        | Jaswal    |
| Lab Sample ID :         | J1226-15            | Instrumnet Name : | P8        |
| Client Sample ID :      | MF6B06              | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2018-01-22 18:38:15 | DataFile Name :   | 090SMPL.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|-----------|------|---------|---------|---------|------------|---------|-------|
| Zirconium | 91-1 | 3.07    | 3.06    | 2.85    | 2.99       | 4.10    | ppb   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB92809             | Operator :        | Jaswal    |
| Lab Sample ID :         | J1226-16            | Instrumnet Name : | P8        |
| Client Sample ID :      | MF6B07              | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2018-01-22 18:41:26 | DataFile Name :   | 091SMPL.d |

| Parameter  | Mass  | ConRep1  | ConRep2  | ConRep3  | Avg. Conc. | ConcRSD | Units |
|------------|-------|----------|----------|----------|------------|---------|-------|
| Aluminium  | 27-2  | 13133.39 | 13582.13 | 13946.06 | 13553.86   | 3.00    | ppb   |
| Antimony   | 121-1 | 0.35     | 0.35     | 0.35     | 0.35       | 0.48    | ppb   |
| Arsenic    | 75-2  | 24.02    | 24.62    | 24.52    | 24.39      | 1.33    | ppb   |
| Barium     | 135-1 | 403.76   | 406.44   | 427.29   | 412.50     | 3.12    | ppb   |
| Barium     | 137-1 | 405.67   | 415.01   | 427.67   | 416.12     | 2.65    | ppb   |
| Beryllium  | 9-1   | 1.80     | 1.94     | 1.94     | 1.89       | 4.37    | ppb   |
| Bismuth    | 209-1 |          |          |          | 109        |         | %     |
| Bismuth    | 209-2 |          |          |          | 100        |         | %     |
| Boron      | 10-1  | 5.27     | 3.75     | 4.81     | 4.61       | 16.90   | ppb   |
| Boron      | 11-1  | 5.29     | 5.09     | 5.71     | 5.36       | 5.90    | ppb   |
| Cadmium    | 111-1 | 0.33     | 0.33     | 0.46     | 0.37       | 20.24   | ppb   |
| Cadmium    | 106-1 | 0.68     | 0.40     | 1.32     | 0.80       | 58.85   | ppb   |
| Cadmium    | 108-1 | 0.86     | 0.87     | 0.83     | 0.85       | 2.55    | ppb   |
| Calcium    | 43-1  | 43609.74 | 44047.94 | 45606.81 | 44421.49   | 2.36    | ppb   |
| Calcium    | 44-1  | 43623.48 | 44381.24 | 45533.33 | 44512.68   | 2.16    | ppb   |
| Chromium   | 52-2  | 22.98    | 24.07    | 25.15    | 24.07      | 4.51    | ppb   |
| Cobalt     | 59-2  | 18.15    | 18.72    | 19.48    | 18.78      | 3.57    | ppb   |
| Copper     | 63-2  | 39.33    | 40.96    | 41.95    | 40.75      | 3.25    | 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 |          |          |          | 107        |         | %     |
| Holmium    | 165-2 |          |          |          | 101        |         | %     |
| Indium     | 115-1 |          |          |          | 102        |         | %     |
| Indium     | 115-2 |          |          |          | 91         |         | %     |
| Iron       | 56-2  | 25605.88 | 26523.42 | 27234.14 | 26454.48   | 3.09    | ppb   |
| Iron       | 57-2  | 24698.06 | 25730.93 | 25779.83 | 25402.94   | 2.40    | ppb   |
| Lead       | 206-1 | 31.61    | 31.73    | 33.07    | 32.14      | 2.53    | ppb   |
| Lead       | 207-1 | 28.23    | 28.03    | 29.45    | 28.57      | 2.68    | ppb   |
| Lead       | 208-1 | 29.79    | 29.66    | 30.95    | 30.13      | 2.37    | ppb   |
| Lithium    | 6-1   |          |          |          | 92         |         | %     |
| Magnesium  | 24-2  | 15937.67 | 16638.37 | 17035.39 | 16537.14   | 3.36    | ppb   |
| Manganese  | 55-2  | 584.25   | 606.72   | 618.74   | 603.24     | 2.90    | ppb   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB92809             | Operator :        | Jaswal    |
| Lab Sample ID :         | J1226-16            | Instrumnet Name : | P8        |
| Client Sample ID :      | MF6B07              | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2018-01-22 18:41:26 | DataFile Name :   | 091SMPL.d |

| Parameter  | Mass  | ConRep1  | ConRep2  | ConRep3  | Avg. Conc. | ConcRSD | Units |
|------------|-------|----------|----------|----------|------------|---------|-------|
| Molybdenum | 94-1  | 7.96     | 8.21     | 8.69     | 8.29       | 4.49    | ppb   |
| Molybdenum | 95-1  | 0.37     | 0.36     | 0.36     | 0.37       | 1.67    | ppb   |
| Molybdenum | 96-1  | 1.55     | 1.47     | 1.43     | 1.48       | 4.29    | ppb   |
| Molybdenum | 97-1  | 0.40     | 0.37     | 0.44     | 0.40       | 8.39    | ppb   |
| Molybdenum | 98-1  | 0.37     | 0.40     | 0.41     | 0.39       | 4.69    | ppb   |
| Neodymium  | 150-1 |          |          |          |            |         | cps   |
| Neodymium  | 150-2 |          |          |          |            |         | cps   |
| Nickel     | 60-2  | 44.42    | 45.95    | 48.11    | 46.16      | 4.01    | ppb   |
| Phosphorus | 31-2  | 887.80   | 813.19   | 1175.58  | 958.85     | 19.96   | ppb   |
| Potassium  | 39-2  | 2390.31  | 2468.09  | 2563.98  | 2474.12    | 3.52    | ppb   |
| Rhodium    | 103-1 |          |          |          | 99         |         | %     |
| Rhodium    | 103-2 |          |          |          | 95         |         | %     |
| Scandium   | 45-1  |          |          |          | 94         |         | %     |
| Scandium   | 45-2  |          |          |          | 82         |         | %     |
| Selenium   | 77-2  | 86.71    | 93.77    | 124.36   | 101.61     | 19.70   | ppb   |
| Selenium   | 78-2  | 22.67    | 12.10    | 17.03    | 17.26      | 30.64   | ppb   |
| Selenium   | 82-1  | 0.30     | 0.51     | 0.94     | 0.58       | 55.70   | ppb   |
| Silicon    | 28-1  | 2015.21  | 2139.81  | 2205.51  | 2120.17    | 4.56    | ppb   |
| Silver     | 109-1 | 0.15     | 0.13     | 0.15     | 0.14       | 8.22    | ppb   |
| Silver     | 107-1 | 0.16     | 0.12     | 0.13     | 0.13       | 14.19   | ppb   |
| Sodium     | 23-2  | 416.44   | 394.41   | 411.69   | 407.51     | 2.84    | ppb   |
| Strontium  | 86-1  | 83.66    | 84.53    | 89.95    | 86.05      | 3.96    | ppb   |
| Strontium  | 88-1  | 89.65    | 90.68    | 93.32    | 91.22      | 2.08    | ppb   |
| Sulfur     | 34-1  | -2959.93 | -2755.11 | -2419.33 | -2711.45   |         | ppb   |
| Terbium    | 159-1 |          |          |          | 107        |         | %     |
| Terbium    | 159-2 |          |          |          | 100        |         | %     |
| Thallium   | 203-1 | 0.42     | 0.37     | 0.43     | 0.41       | 8.76    | ppb   |
| Thallium   | 205-1 | 0.36     | 0.40     | 0.42     | 0.39       | 6.92    | ppb   |
| Tin        | 118-1 | 1.22     | 1.14     | 1.27     | 1.21       | 5.61    | ppb   |
| Titanium   | 47-1  | 109.56   | 84.72    | 110.62   | 101.64     | 14.42   | ppb   |
| Uranium    | 238-1 | 1.29     | 1.30     | 1.35     | 1.32       | 2.54    | ppb   |
| Vanadium   | 51-2  | 33.26    | 36.53    | 36.31    | 35.36      | 5.16    | ppb   |
| Yttrium    | 89-1  |          |          |          | 110        |         | %     |
| Yttrium    | 89-2  |          |          |          | 98         |         | %     |
| Zinc       | 66-2  | 101.18   | 105.26   | 108.12   | 104.86     | 3.32    | ppb   |
| Zirconium  | 90-1  | 5.17     | 4.98     | 6.53     | 5.56       | 15.24   | ppb   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB92809             | Operator :        | Jaswal    |
| Lab Sample ID :         | J1226-16            | Instrumnet Name : | P8        |
| Client Sample ID :      | MF6B07              | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2018-01-22 18:41:26 | DataFile Name :   | 091SMPL.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|-----------|------|---------|---------|---------|------------|---------|-------|
| Zirconium | 91-1 | 5.00    | 5.04    | 5.51    | 5.18       | 5.49    | ppb   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB92809             | Operator :        | Jaswal    |
| Lab Sample ID :         | J1226-17            | Instrumnet Name : | P8        |
| Client Sample ID :      | MF6B08              | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2018-01-22 18:44:36 | DataFile Name :   | 092SMPL.d |

| Parameter  | Mass  | ConRep1  | ConRep2  | ConRep3  | Avg. Conc. | ConcRSD | Units |
|------------|-------|----------|----------|----------|------------|---------|-------|
| Aluminium  | 27-2  | 12360.12 | 14813.96 | 12376.56 | 13183.55   | 10.71   | ppb   |
| Antimony   | 121-1 | 0.32     | 0.39     | 0.39     | 0.36       | 11.42   | ppb   |
| Arsenic    | 75-2  | 41.06    | 43.98    | 39.96    | 41.67      | 4.99    | ppb   |
| Barium     | 135-1 | 431.22   | 433.22   | 425.41   | 429.95     | 0.94    | ppb   |
| Barium     | 137-1 | 435.51   | 430.52   | 426.59   | 430.87     | 1.04    | ppb   |
| Beryllium  | 9-1   | 1.46     | 1.39     | 1.50     | 1.45       | 3.74    | ppb   |
| Bismuth    | 209-1 |          |          |          | 112        |         | %     |
| Bismuth    | 209-2 |          |          |          | 97         |         | %     |
| Boron      | 10-1  | 2.47     | 2.49     | 2.58     | 2.51       | 2.32    | ppb   |
| Boron      | 11-1  | 3.03     | 2.96     | 2.99     | 3.00       | 1.24    | ppb   |
| Cadmium    | 111-1 | 0.28     | 0.37     | 0.34     | 0.33       | 14.60   | ppb   |
| Cadmium    | 106-1 | 0.43     | 0.79     | 1.21     | 0.81       | 47.91   | ppb   |
| Cadmium    | 108-1 | 1.18     | 0.79     | 0.81     | 0.92       | 23.63   | ppb   |
| Calcium    | 43-1  | 45437.70 | 45277.22 | 45973.47 | 45562.80   | 0.80    | ppb   |
| Calcium    | 44-1  | 45799.33 | 46003.01 | 46422.49 | 46074.94   | 0.69    | ppb   |
| Chromium   | 52-2  | 24.91    | 29.95    | 24.23    | 26.36      | 11.87   | ppb   |
| Cobalt     | 59-2  | 17.81    | 20.47    | 17.53    | 18.60      | 8.72    | ppb   |
| Copper     | 63-2  | 47.14    | 53.90    | 46.92    | 49.32      | 8.04    | ppb   |
| Dysprosium | 156-1 |          |          |          |            |         | cps   |
| Dysprosium | 156-2 |          |          |          |            |         | cps   |
| Erbium     | 164-1 |          |          |          |            |         | cps   |
| Erbium     | 164-2 |          |          |          |            |         | cps   |
| Gadolinium | 160-1 |          |          |          |            |         | cps   |
| Gadolinium | 160-2 |          |          |          |            |         | cps   |
| Holmium    | 165-1 |          |          |          | 110        |         | %     |
| Holmium    | 165-2 |          |          |          | 97         |         | %     |
| Indium     | 115-1 |          |          |          | 104        |         | %     |
| Indium     | 115-2 |          |          |          | 87         |         | %     |
| Iron       | 56-2  | 28061.49 | 32464.63 | 27913.40 | 29479.84   | 8.77    | ppb   |
| Iron       | 57-2  | 27151.86 | 31131.97 | 27112.68 | 28465.50   | 8.11    | ppb   |
| Lead       | 206-1 | 31.33    | 31.74    | 31.87    | 31.64      | 0.88    | ppb   |
| Lead       | 207-1 | 27.58    | 27.97    | 27.98    | 27.84      | 0.82    | ppb   |
| Lead       | 208-1 | 29.45    | 29.54    | 29.54    | 29.51      | 0.17    | ppb   |
| Lithium    | 6-1   |          |          |          | 94         |         | %     |
| Magnesium  | 24-2  | 15583.38 | 18066.94 | 15516.84 | 16389.05   | 8.87    | ppb   |
| Manganese  | 55-2  | 521.02   | 604.23   | 518.39   | 547.88     | 8.91    | ppb   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB92809             | Operator :        | Jaswal    |
| Lab Sample ID :         | J1226-17            | Instrumnet Name : | P8        |
| Client Sample ID :      | MF6B08              | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2018-01-22 18:44:36 | DataFile Name :   | 092SMPL.d |

| Parameter  | Mass  | ConRep1  | ConRep2  | ConRep3  | Avg. Conc. | ConcRSD | Units |
|------------|-------|----------|----------|----------|------------|---------|-------|
| Molybdenum | 94-1  | 9.13     | 9.22     | 9.80     | 9.39       | 3.84    | ppb   |
| Molybdenum | 95-1  | 0.86     | 0.76     | 0.82     | 0.81       | 6.47    | ppb   |
| Molybdenum | 96-1  | 1.92     | 1.96     | 1.94     | 1.94       | 0.86    | ppb   |
| Molybdenum | 97-1  | 0.88     | 0.88     | 0.79     | 0.85       | 6.44    | ppb   |
| Molybdenum | 98-1  | 0.88     | 0.76     | 0.76     | 0.80       | 9.00    | ppb   |
| Neodymium  | 150-1 |          |          |          |            |         | cps   |
| Neodymium  | 150-2 |          |          |          |            |         | cps   |
| Nickel     | 60-2  | 41.85    | 49.06    | 40.94    | 43.95      | 10.12   | ppb   |
| Phosphorus | 31-2  | 1191.54  | 1459.82  | 1301.25  | 1317.54    | 10.24   | ppb   |
| Potassium  | 39-2  | 2380.21  | 2684.83  | 2415.12  | 2493.39    | 6.69    | ppb   |
| Rhodium    | 103-1 |          |          |          | 100        |         | %     |
| Rhodium    | 103-2 |          |          |          | 91         |         | %     |
| Scandium   | 45-1  |          |          |          | 95         |         | %     |
| Scandium   | 45-2  |          |          |          | 77         |         | %     |
| Selenium   | 77-2  | 43.77    | 72.87    | 66.00    | 60.88      | 24.99   | ppb   |
| Selenium   | 78-2  | 14.61    | 7.11     | 5.18     | 8.96       | 55.58   | ppb   |
| Selenium   | 82-1  | 1.45     | 0.86     | 0.69     | 1.00       | 39.52   | ppb   |
| Silicon    | 28-1  | 2385.17  | 2087.34  | 2357.60  | 2276.70    | 7.23    | ppb   |
| Silver     | 109-1 | 0.20     | 0.20     | 0.17     | 0.19       | 9.68    | ppb   |
| Silver     | 107-1 | 0.18     | 0.18     | 0.19     | 0.18       | 3.21    | ppb   |
| Sodium     | 23-2  | 571.99   | 498.32   | 425.27   | 498.53     | 14.72   | ppb   |
| Strontium  | 86-1  | 96.55    | 99.87    | 96.07    | 97.50      | 2.13    | ppb   |
| Strontium  | 88-1  | 102.27   | 101.93   | 101.17   | 101.79     | 0.55    | ppb   |
| Sulfur     | 34-1  | -2830.79 | -3107.52 | -3004.55 | -2980.96   |         | ppb   |
| Terbium    | 159-1 |          |          |          | 110        |         | %     |
| Terbium    | 159-2 |          |          |          | 97         |         | %     |
| Thallium   | 203-1 | 0.52     | 0.49     | 0.51     | 0.51       | 2.86    | ppb   |
| Thallium   | 205-1 | 0.47     | 0.48     | 0.49     | 0.48       | 2.50    | ppb   |
| Tin        | 118-1 | 1.24     | 1.16     | 1.22     | 1.21       | 3.62    | ppb   |
| Titanium   | 47-1  | 93.55    | 94.29    | 166.31   | 118.05     | 35.40   | ppb   |
| Uranium    | 238-1 | 1.59     | 1.58     | 1.60     | 1.59       | 0.53    | ppb   |
| Vanadium   | 51-2  | 34.68    | 40.76    | 34.84    | 36.76      | 9.42    | ppb   |
| Yttrium    | 89-1  |          |          |          | 111        |         | %     |
| Yttrium    | 89-2  |          |          |          | 94         |         | %     |
| Zinc       | 66-2  | 126.49   | 147.21   | 126.86   | 133.52     | 8.88    | ppb   |
| Zirconium  | 90-1  | 5.49     | 5.42     | 5.54     | 5.48       | 1.08    | ppb   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB92809             | Operator :        | Jaswal    |
| Lab Sample ID :         | J1226-17            | Instrumnet Name : | P8        |
| Client Sample ID :      | MF6B08              | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2018-01-22 18:44:36 | DataFile Name :   | 092SMPL.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|-----------|------|---------|---------|---------|------------|---------|-------|
| Zirconium | 91-1 | 5.39    | 5.25    | 5.47    | 5.37       | 2.07    | ppb   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB92809             | Operator :        | Jaswal    |
| Lab Sample ID :         | J1226-18            | Instrumnet Name : | P8        |
| Client Sample ID :      | MF6B09              | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2018-01-22 18:47:46 | DataFile Name :   | 093SMPL.d |

| Parameter  | Mass  | ConRep1  | ConRep2  | ConRep3  | Avg. Conc. | ConcRSD | Units |
|------------|-------|----------|----------|----------|------------|---------|-------|
| Aluminium  | 27-2  | 10253.00 | 9791.55  | 10167.41 | 10070.65   | 2.44    | ppb   |
| Antimony   | 121-1 | 0.28     | 0.26     | 0.28     | 0.27       | 3.68    | ppb   |
| Arsenic    | 75-2  | 16.98    | 16.31    | 14.34    | 15.88      | 8.67    | ppb   |
| Barium     | 135-1 | 345.67   | 345.20   | 346.83   | 345.90     | 0.24    | ppb   |
| Barium     | 137-1 | 345.59   | 348.62   | 346.50   | 346.91     | 0.45    | ppb   |
| Beryllium  | 9-1   | 1.22     | 1.19     | 1.09     | 1.16       | 6.01    | ppb   |
| Bismuth    | 209-1 |          |          |          | 112        |         | %     |
| Bismuth    | 209-2 |          |          |          | 101        |         | %     |
| Boron      | 10-1  | 3.26     | 3.61     | 3.37     | 3.42       | 5.24    | ppb   |
| Boron      | 11-1  | 3.60     | 3.61     | 3.96     | 3.72       | 5.50    | ppb   |
| Cadmium    | 111-1 | 0.35     | 0.25     | 0.34     | 0.31       | 18.63   | ppb   |
| Cadmium    | 106-1 | 0.85     | 0.08     | 0.01     | 0.31       | 149.65  | ppb   |
| Cadmium    | 108-1 | 0.75     | 1.11     | 0.68     | 0.85       | 27.66   | ppb   |
| Calcium    | 43-1  | 49699.05 | 49024.78 | 49698.36 | 49474.07   | 0.79    | ppb   |
| Calcium    | 44-1  | 50293.15 | 49531.95 | 50197.31 | 50007.47   | 0.83    | ppb   |
| Chromium   | 52-2  | 22.59    | 21.73    | 21.33    | 21.88      | 2.93    | ppb   |
| Cobalt     | 59-2  | 12.98    | 12.83    | 13.10    | 12.97      | 1.05    | ppb   |
| Copper     | 63-2  | 29.40    | 29.05    | 29.37    | 29.28      | 0.66    | ppb   |
| Dysprosium | 156-1 |          |          |          |            |         | cps   |
| Dysprosium | 156-2 |          |          |          |            |         | cps   |
| Erbium     | 164-1 |          |          |          |            |         | cps   |
| Erbium     | 164-2 |          |          |          |            |         | cps   |
| Gadolinium | 160-1 |          |          |          |            |         | cps   |
| Gadolinium | 160-2 |          |          |          |            |         | cps   |
| Holmium    | 165-1 |          |          |          | 111        |         | %     |
| Holmium    | 165-2 |          |          |          | 101        |         | %     |
| Indium     | 115-1 |          |          |          | 104        |         | %     |
| Indium     | 115-2 |          |          |          | 91         |         | %     |
| Iron       | 56-2  | 20375.25 | 19619.05 | 19883.36 | 19959.22   | 1.92    | ppb   |
| Iron       | 57-2  | 19553.87 | 19129.26 | 19172.96 | 19285.36   | 1.21    | ppb   |
| Lead       | 206-1 | 22.14    | 21.76    | 21.29    | 21.73      | 1.97    | ppb   |
| Lead       | 207-1 | 19.32    | 19.06    | 18.74    | 19.04      | 1.52    | ppb   |
| Lead       | 208-1 | 20.38    | 20.22    | 19.90    | 20.17      | 1.19    | ppb   |
| Lithium    | 6-1   |          |          |          | 93         |         | %     |
| Magnesium  | 24-2  | 13789.56 | 13685.89 | 13514.02 | 13663.16   | 1.02    | ppb   |
| Manganese  | 55-2  | 510.92   | 490.56   | 499.24   | 500.24     | 2.04    | ppb   |



|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB92809             | Operator :        | Jaswal    |
| Lab Sample ID :         | J1226-18            | Instrumnet Name : | P8        |
| Client Sample ID :      | MF6B09              | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2018-01-22 18:47:46 | DataFile Name :   | 093SMPL.d |

| Parameter  | Mass  | ConRep1  | ConRep2  | ConRep3  | Avg. Conc. | ConcRSD | Units |
|------------|-------|----------|----------|----------|------------|---------|-------|
| Molybdenum | 94-1  | 8.96     | 8.88     | 9.08     | 8.97       | 1.14    | ppb   |
| Molybdenum | 95-1  | 0.77     | 0.89     | 0.81     | 0.82       | 7.21    | ppb   |
| Molybdenum | 96-1  | 1.81     | 1.81     | 1.81     | 1.81       | 0.13    | ppb   |
| Molybdenum | 97-1  | 0.72     | 0.71     | 0.83     | 0.76       | 8.78    | ppb   |
| Molybdenum | 98-1  | 0.75     | 0.79     | 0.74     | 0.76       | 3.52    | ppb   |
| Neodymium  | 150-1 |          |          |          |            |         | cps   |
| Neodymium  | 150-2 |          |          |          |            |         | cps   |
| Nickel     | 60-2  | 33.25    | 31.48    | 31.95    | 32.23      | 2.84    | ppb   |
| Phosphorus | 31-2  | 1456.04  | 1091.62  | 996.65   | 1181.44    | 20.53   | ppb   |
| Potassium  | 39-2  | 2123.43  | 1936.22  | 1999.37  | 2019.67    | 4.72    | ppb   |
| Rhodium    | 103-1 |          |          |          | 101        |         | %     |
| Rhodium    | 103-2 |          |          |          | 94         |         | %     |
| Scandium   | 45-1  |          |          |          | 95         |         | %     |
| Scandium   | 45-2  |          |          |          | 81         |         | %     |
| Selenium   | 77-2  | 66.45    | 97.02    | 67.05    | 76.84      | 22.75   | ppb   |
| Selenium   | 78-2  | 7.61     | 5.28     | 11.31    | 8.07       | 37.69   | ppb   |
| Selenium   | 82-1  | 0.44     | 0.45     | 1.16     | 0.68       | 60.68   | ppb   |
| Silicon    | 28-1  | 2306.37  | 2297.73  | 2030.05  | 2211.38    | 7.10    | ppb   |
| Silver     | 109-1 | 0.08     | 0.09     | 0.08     | 0.09       | 8.48    | ppb   |
| Silver     | 107-1 | 0.09     | 0.11     | 0.09     | 0.10       | 8.54    | ppb   |
| Sodium     | 23-2  | 351.16   | 325.11   | 326.16   | 334.14     | 4.41    | ppb   |
| Strontium  | 86-1  | 83.08    | 82.87    | 83.16    | 83.04      | 0.18    | ppb   |
| Strontium  | 88-1  | 88.39    | 87.92    | 88.11    | 88.14      | 0.27    | ppb   |
| Sulfur     | 34-1  | -2700.42 | -2779.15 | -2767.83 | -2749.14   |         | ppb   |
| Terbium    | 159-1 |          |          |          | 109        |         | %     |
| Terbium    | 159-2 |          |          |          | 100        |         | %     |
| Thallium   | 203-1 | 0.33     | 0.35     | 0.34     | 0.34       | 3.25    | ppb   |
| Thallium   | 205-1 | 0.37     | 0.35     | 0.35     | 0.36       | 3.28    | ppb   |
| Tin        | 118-1 | 1.04     | 1.08     | 1.01     | 1.04       | 3.49    | ppb   |
| Titanium   | 47-1  | 109.91   | 104.97   | 139.67   | 118.18     | 15.88   | ppb   |
| Uranium    | 238-1 | 1.39     | 1.32     | 1.35     | 1.35       | 2.80    | ppb   |
| Vanadium   | 51-2  | 30.37    | 29.57    | 29.21    | 29.72      | 1.99    | ppb   |
| Yttrium    | 89-1  |          |          |          | 110        |         | %     |
| Yttrium    | 89-2  |          |          |          | 96         |         | %     |
| Zinc       | 66-2  | 83.71    | 81.32    | 83.94    | 82.99      | 1.75    | ppb   |
| Zirconium  | 90-1  | 5.54     | 5.92     | 5.43     | 5.63       | 4.58    | ppb   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB92809             | Operator :        | Jaswal    |
| Lab Sample ID :         | J1226-18            | Instrumnet Name : | P8        |
| Client Sample ID :      | MF6B09              | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2018-01-22 18:47:46 | DataFile Name :   | 093SMPL.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|-----------|------|---------|---------|---------|------------|---------|-------|
| Zirconium | 91-1 | 5.36    | 5.30    | 7.35    | 6.00       | 19.42   | ppb   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB92809             | Operator :        | Jaswal    |
| Lab Sample ID :         | J1226-19            | Instrumnet Name : | P8        |
| Client Sample ID :      | MF6B10              | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2018-01-22 18:50:56 | DataFile Name :   | 094SMPL.d |

| Parameter  | Mass  | ConRep1  | ConRep2  | ConRep3  | Avg. Conc. | ConcRSD | Units |
|------------|-------|----------|----------|----------|------------|---------|-------|
| Aluminium  | 27-2  | 7131.23  | 6920.82  | 7130.75  | 7060.93    | 1.72    | ppb   |
| Antimony   | 121-1 | 0.20     | 0.21     | 0.24     | 0.22       | 8.81    | ppb   |
| Arsenic    | 75-2  | 7.86     | 7.46     | 7.68     | 7.67       | 2.61    | ppb   |
| Barium     | 135-1 | 247.67   | 244.02   | 243.63   | 245.11     | 0.91    | ppb   |
| Barium     | 137-1 | 249.38   | 244.90   | 244.71   | 246.33     | 1.07    | ppb   |
| Beryllium  | 9-1   | 0.60     | 0.76     | 0.65     | 0.67       | 12.55   | ppb   |
| Bismuth    | 209-1 |          |          |          | 110        |         | %     |
| Bismuth    | 209-2 |          |          |          | 100        |         | %     |
| Boron      | 10-1  | 4.11     | 2.88     | 2.30     | 3.10       | 29.99   | ppb   |
| Boron      | 11-1  | 4.07     | 3.51     | 3.25     | 3.61       | 11.53   | ppb   |
| Cadmium    | 111-1 | 0.18     | 0.05     | 0.11     | 0.11       | 59.63   | ppb   |
| Cadmium    | 106-1 | 0.64     | -0.78    | -0.27    | -0.13      |         | ppb   |
| Cadmium    | 108-1 | 0.44     | 0.29     | 0.25     | 0.32       | 30.69   | ppb   |
| Calcium    | 43-1  | 25982.36 | 25026.07 | 25395.22 | 25467.88   | 1.89    | ppb   |
| Calcium    | 44-1  | 25953.67 | 25421.62 | 25664.48 | 25679.92   | 1.04    | ppb   |
| Chromium   | 52-2  | 18.33    | 17.90    | 17.67    | 17.97      | 1.85    | ppb   |
| Cobalt     | 59-2  | 9.08     | 8.66     | 8.89     | 8.88       | 2.39    | ppb   |
| Copper     | 63-2  | 17.34    | 16.84    | 17.42    | 17.20      | 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 |          |          |          | 109        |         | %     |
| Holmium    | 165-2 |          |          |          | 100        |         | %     |
| Indium     | 115-1 |          |          |          | 103        |         | %     |
| Indium     | 115-2 |          |          |          | 91         |         | %     |
| Iron       | 56-2  | 14668.72 | 14327.64 | 14128.93 | 14375.10   | 1.90    | ppb   |
| Iron       | 57-2  | 13835.96 | 13679.08 | 13625.34 | 13713.46   | 0.80    | ppb   |
| Lead       | 206-1 | 14.78    | 14.26    | 14.72    | 14.59      | 1.95    | ppb   |
| Lead       | 207-1 | 13.34    | 12.93    | 13.05    | 13.11      | 1.61    | ppb   |
| Lead       | 208-1 | 13.81    | 13.45    | 13.66    | 13.64      | 1.33    | ppb   |
| Lithium    | 6-1   |          |          |          | 93         |         | %     |
| Magnesium  | 24-2  | 10288.75 | 10244.12 | 10236.86 | 10256.58   | 0.27    | ppb   |
| Manganese  | 55-2  | 392.19   | 388.49   | 385.75   | 388.81     | 0.83    | ppb   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB92809             | Operator :        | Jaswal    |
| Lab Sample ID :         | J1226-19            | Instrumnet Name : | P8        |
| Client Sample ID :      | MF6B10              | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2018-01-22 18:50:56 | DataFile Name :   | 094SMPL.d |

| Parameter  | Mass  | ConRep1  | ConRep2  | ConRep3  | Avg. Conc. | ConcRSD | Units |
|------------|-------|----------|----------|----------|------------|---------|-------|
| Molybdenum | 94-1  | 7.50     | 7.44     | 7.52     | 7.48       | 0.57    | ppb   |
| Molybdenum | 95-1  | 0.66     | 0.81     | 0.78     | 0.75       | 10.54   | ppb   |
| Molybdenum | 96-1  | 1.66     | 1.71     | 1.44     | 1.60       | 9.06    | ppb   |
| Molybdenum | 97-1  | 0.72     | 0.83     | 0.71     | 0.75       | 8.91    | ppb   |
| Molybdenum | 98-1  | 0.69     | 0.73     | 0.70     | 0.71       | 3.41    | ppb   |
| Neodymium  | 150-1 |          |          |          |            |         | cps   |
| Neodymium  | 150-2 |          |          |          |            |         | cps   |
| Nickel     | 60-2  | 21.74    | 21.84    | 21.81    | 21.80      | 0.23    | ppb   |
| Phosphorus | 31-2  | 671.04   | 698.42   | 666.12   | 678.53     | 2.56    | ppb   |
| Potassium  | 39-2  | 1160.62  | 1184.86  | 1185.58  | 1177.02    | 1.21    | ppb   |
| Rhodium    | 103-1 |          |          |          | 100        |         | %     |
| Rhodium    | 103-2 |          |          |          | 95         |         | %     |
| Scandium   | 45-1  |          |          |          | 94         |         | %     |
| Scandium   | 45-2  |          |          |          | 81         |         | %     |
| Selenium   | 77-2  | 61.09    | 76.45    | 46.35    | 61.30      | 24.56   | ppb   |
| Selenium   | 78-2  | 5.42     | 7.91     | 6.75     | 6.69       | 18.59   | ppb   |
| Selenium   | 82-1  | 0.51     | 0.59     | 0.61     | 0.57       | 9.64    | ppb   |
| Silicon    | 28-1  | 2637.67  | 2912.15  | 2278.75  | 2609.52    | 12.17   | ppb   |
| Silver     | 109-1 | 0.04     | 0.04     | 0.05     | 0.05       | 13.80   | ppb   |
| Silver     | 107-1 | 0.05     | 0.05     | 0.05     | 0.05       | 4.73    | ppb   |
| Sodium     | 23-2  | 274.32   | 254.42   | 261.01   | 263.25     | 3.85    | ppb   |
| Strontium  | 86-1  | 48.32    | 47.91    | 47.81    | 48.02      | 0.56    | ppb   |
| Strontium  | 88-1  | 49.60    | 48.88    | 48.52    | 49.00      | 1.12    | ppb   |
| Sulfur     | 34-1  | -2832.37 | -3012.32 | -2941.14 | -2928.61   |         | ppb   |
| Terbium    | 159-1 |          |          |          | 108        |         | %     |
| Terbium    | 159-2 |          |          |          | 100        |         | %     |
| Thallium   | 203-1 | 0.23     | 0.17     | 0.16     | 0.19       | 20.59   | ppb   |
| Thallium   | 205-1 | 0.19     | 0.16     | 0.18     | 0.18       | 6.56    | ppb   |
| Tin        | 118-1 | 0.93     | 0.92     | 0.87     | 0.91       | 3.37    | ppb   |
| Titanium   | 47-1  | 94.98    | 86.74    | 106.55   | 96.09      | 10.36   | ppb   |
| Uranium    | 238-1 | 0.85     | 0.82     | 0.83     | 0.84       | 2.12    | ppb   |
| Vanadium   | 51-2  | 19.93    | 19.10    | 19.27    | 19.43      | 2.24    | ppb   |
| Yttrium    | 89-1  |          |          |          | 106        |         | %     |
| Yttrium    | 89-2  |          |          |          | 93         |         | %     |
| Zinc       | 66-2  | 64.36    | 60.35    | 60.94    | 61.88      | 3.50    | ppb   |
| Zirconium  | 90-1  | 4.49     | 4.57     | 4.33     | 4.46       | 2.80    | ppb   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB92809             | Operator :        | Jaswal    |
| Lab Sample ID :         | J1226-19            | Instrumnet Name : | P8        |
| Client Sample ID :      | MF6B10              | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2018-01-22 18:50:56 | DataFile Name :   | 094SMPL.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|-----------|------|---------|---------|---------|------------|---------|-------|
| Zirconium | 91-1 | 4.57    | 4.51    | 6.12    | 5.07       | 18.02   | ppb   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB92809             | Operator :        | Jaswal    |
| Lab Sample ID :         | J1226-20            | Instrumnet Name : | P8        |
| Client Sample ID :      | MF6B11              | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2018-01-22 18:54:06 | DataFile Name :   | 095SMPL.d |

| Parameter  | Mass  | ConRep1  | ConRep2  | ConRep3  | Avg. Conc. | ConcRSD | Units |
|------------|-------|----------|----------|----------|------------|---------|-------|
| Aluminium  | 27-2  | 7027.60  | 6984.75  | 7386.35  | 7132.90    | 3.09    | ppb   |
| Antimony   | 121-1 | 0.26     | 0.24     | 0.24     | 0.25       | 3.53    | ppb   |
| Arsenic    | 75-2  | 5.66     | 5.46     | 5.79     | 5.64       | 2.94    | ppb   |
| Barium     | 135-1 | 311.40   | 310.37   | 312.93   | 311.56     | 0.41    | ppb   |
| Barium     | 137-1 | 311.79   | 311.85   | 312.83   | 312.16     | 0.19    | ppb   |
| Beryllium  | 9-1   | 0.74     | 0.62     | 0.76     | 0.71       | 11.08   | ppb   |
| Bismuth    | 209-1 |          |          |          | 112        |         | %     |
| Bismuth    | 209-2 |          |          |          | 96         |         | %     |
| Boron      | 10-1  | 2.69     | 3.47     | 2.31     | 2.82       | 21.02   | ppb   |
| Boron      | 11-1  | 2.88     | 2.93     | 2.93     | 2.91       | 0.89    | ppb   |
| Cadmium    | 111-1 | 0.19     | 0.15     | 0.19     | 0.18       | 12.00   | ppb   |
| Cadmium    | 106-1 | 0.88     | -0.24    | 0.87     | 0.50       | 127.30  | ppb   |
| Cadmium    | 108-1 | 0.68     | 0.64     | 0.86     | 0.73       | 16.10   | ppb   |
| Calcium    | 43-1  | 31158.22 | 31142.97 | 31013.77 | 31104.99   | 0.26    | ppb   |
| Calcium    | 44-1  | 31585.29 | 31369.31 | 31309.43 | 31421.34   | 0.46    | ppb   |
| Chromium   | 52-2  | 14.06    | 14.14    | 15.24    | 14.48      | 4.56    | ppb   |
| Cobalt     | 59-2  | 8.87     | 8.55     | 9.45     | 8.96       | 5.05    | ppb   |
| Copper     | 63-2  | 15.78    | 15.34    | 16.72    | 15.94      | 4.42    | ppb   |
| Dysprosium | 156-1 |          |          |          |            |         | cps   |
| Dysprosium | 156-2 |          |          |          |            |         | cps   |
| Erbium     | 164-1 |          |          |          |            |         | cps   |
| Erbium     | 164-2 |          |          |          |            |         | cps   |
| Gadolinium | 160-1 |          |          |          |            |         | cps   |
| Gadolinium | 160-2 |          |          |          |            |         | cps   |
| Holmium    | 165-1 |          |          |          | 110        |         | %     |
| Holmium    | 165-2 |          |          |          | 96         |         | %     |
| Indium     | 115-1 |          |          |          | 104        |         | %     |
| Indium     | 115-2 |          |          |          | 87         |         | %     |
| Iron       | 56-2  | 14806.59 | 14614.85 | 15673.07 | 15031.50   | 3.75    | ppb   |
| Iron       | 57-2  | 14479.90 | 13965.76 | 14905.55 | 14450.40   | 3.26    | ppb   |
| Lead       | 206-1 | 15.13    | 14.85    | 14.74    | 14.91      | 1.36    | ppb   |
| Lead       | 207-1 | 13.16    | 13.22    | 13.19    | 13.19      | 0.21    | ppb   |
| Lead       | 208-1 | 14.07    | 13.91    | 13.89    | 13.96      | 0.69    | ppb   |
| Lithium    | 6-1   |          |          |          | 93         |         | %     |
| Magnesium  | 24-2  | 11988.98 | 11703.22 | 12568.41 | 12086.87   | 3.65    | ppb   |
| Manganese  | 55-2  | 268.26   | 266.58   | 283.43   | 272.76     | 3.40    | ppb   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB92809             | Operator :        | Jaswal    |
| Lab Sample ID :         | J1226-20            | Instrumnet Name : | P8        |
| Client Sample ID :      | MF6B11              | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2018-01-22 18:54:06 | DataFile Name :   | 095SMPL.d |

| Parameter  | Mass  | ConRep1  | ConRep2  | ConRep3  | Avg. Conc. | ConcRSD | Units |
|------------|-------|----------|----------|----------|------------|---------|-------|
| Molybdenum | 94-1  | 9.22     | 9.87     | 9.10     | 9.40       | 4.43    | ppb   |
| Molybdenum | 95-1  | 0.46     | 0.50     | 0.52     | 0.49       | 5.90    | ppb   |
| Molybdenum | 96-1  | 1.66     | 1.65     | 1.62     | 1.64       | 1.33    | ppb   |
| Molybdenum | 97-1  | 0.49     | 0.48     | 0.55     | 0.51       | 7.09    | ppb   |
| Molybdenum | 98-1  | 0.41     | 0.51     | 0.45     | 0.46       | 11.11   | ppb   |
| Neodymium  | 150-1 |          |          |          |            |         | cps   |
| Neodymium  | 150-2 |          |          |          |            |         | cps   |
| Nickel     | 60-2  | 21.03    | 22.00    | 22.38    | 21.81      | 3.19    | ppb   |
| Phosphorus | 31-2  | 1154.17  | 955.67   | 1257.84  | 1122.56    | 13.68   | ppb   |
| Potassium  | 39-2  | 1400.45  | 1426.34  | 1380.91  | 1402.57    | 1.62    | ppb   |
| Rhodium    | 103-1 |          |          |          | 101        |         | %     |
| Rhodium    | 103-2 |          |          |          | 90         |         | %     |
| Scandium   | 45-1  |          |          |          | 95         |         | %     |
| Scandium   | 45-2  |          |          |          | 77         |         | %     |
| Selenium   | 77-2  | 45.05    | 122.49   | 55.82    | 74.46      | 56.34   | ppb   |
| Selenium   | 78-2  | 15.06    | 5.85     | 9.57     | 10.16      | 45.58   | ppb   |
| Selenium   | 82-1  | 1.03     | 0.70     | 0.53     | 0.75       | 33.39   | ppb   |
| Silicon    | 28-1  | 2291.83  | 3971.00  | 2094.69  | 2785.84    | 37.01   | ppb   |
| Silver     | 109-1 | 0.07     | 0.04     | 0.05     | 0.06       | 23.84   | ppb   |
| Silver     | 107-1 | 0.06     | 0.08     | 0.05     | 0.06       | 22.99   | ppb   |
| Sodium     | 23-2  | 246.47   | 230.11   | 250.63   | 242.40     | 4.48    | ppb   |
| Strontium  | 86-1  | 56.40    | 56.96    | 55.81    | 56.39      | 1.02    | ppb   |
| Strontium  | 88-1  | 57.44    | 57.59    | 57.37    | 57.47      | 0.19    | ppb   |
| Sulfur     | 34-1  | -2789.15 | -2951.50 | -2776.23 | -2838.96   |         | ppb   |
| Terbium    | 159-1 |          |          |          | 109        |         | %     |
| Terbium    | 159-2 |          |          |          | 95         |         | %     |
| Thallium   | 203-1 | 0.19     | 0.21     | 0.24     | 0.21       | 10.79   | ppb   |
| Thallium   | 205-1 | 0.25     | 0.23     | 0.24     | 0.24       | 4.59    | ppb   |
| Tin        | 118-1 | 0.84     | 0.91     | 0.92     | 0.89       | 4.77    | ppb   |
| Titanium   | 47-1  | 137.24   | 157.22   | 145.78   | 146.74     | 6.83    | ppb   |
| Uranium    | 238-1 | 0.83     | 0.82     | 0.80     | 0.82       | 1.31    | ppb   |
| Vanadium   | 51-2  | 21.07    | 19.88    | 21.67    | 20.87      | 4.38    | ppb   |
| Yttrium    | 89-1  |          |          |          | 107        |         | %     |
| Yttrium    | 89-2  |          |          |          | 91         |         | %     |
| Zinc       | 66-2  | 53.15    | 52.16    | 54.10    | 53.14      | 1.83    | ppb   |
| Zirconium  | 90-1  | 5.73     | 5.74     | 5.57     | 5.68       | 1.73    | ppb   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB92809             | Operator :        | Jaswal    |
| Lab Sample ID :         | J1226-20            | Instrumnet Name : | P8        |
| Client Sample ID :      | MF6B11              | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2018-01-22 18:54:06 | DataFile Name :   | 095SMPL.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|-----------|------|---------|---------|---------|------------|---------|-------|
| Zirconium | 91-1 | 5.88    | 5.56    | 5.91    | 5.78       | 3.28    | ppb   |



|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB92809             | Operator :        | Jaswal    |
| Lab Sample ID :         | J1226-11            | Instrumnet Name : | P8        |
| Client Sample ID :      | MF6D42              | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2018-01-22 18:57:17 | DataFile Name :   | 096SMPL.d |

| Parameter  | Mass  | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|------------|-------|---------|---------|---------|------------|---------|-------|
| Aluminium  | 27-2  | 1.04    | -1.03   | -1.07   | -0.35      |         | ppb   |
| Antimony   | 121-1 | 0.01    | 0.01    | 0.00    | 0.01       | 57.18   | ppb   |
| Arsenic    | 75-2  | 0.09    | 0.02    | 0.02    | 0.04       | 102.45  | ppb   |
| Barium     | 135-1 | 0.13    | 0.12    | 0.12    | 0.12       | 6.56    | ppb   |
| Barium     | 137-1 | 0.15    | 0.17    | 0.15    | 0.16       | 7.57    | ppb   |
| Beryllium  | 9-1   | -0.02   | -0.02   | -0.02   | -0.02      |         | ppb   |
| Bismuth    | 209-1 |         |         |         | 122        |         | %     |
| Bismuth    | 209-2 |         |         |         | 111        |         | %     |
| Boron      | 10-1  | -0.74   | -0.13   | -0.38   | -0.42      |         | ppb   |
| Boron      | 11-1  | -0.19   | -0.24   | -0.32   | -0.25      |         | ppb   |
| Cadmium    | 111-1 | -0.12   | 0.02    | -0.05   | -0.05      |         | ppb   |
| Cadmium    | 106-1 | -1.59   | 0.31    | -0.66   | -0.64      |         | ppb   |
| Cadmium    | 108-1 | 0.03    | -0.01   | -0.04   | -0.01      |         | ppb   |
| Calcium    | 43-1  | -24.73  | -24.98  | -31.10  | -26.94     |         | ppb   |
| Calcium    | 44-1  | -11.11  | -13.19  | -12.51  | -12.27     |         | ppb   |
| Chromium   | 52-2  | 0.04    | 0.01    | -0.07   | -0.01      |         | ppb   |
| Cobalt     | 59-2  | -0.03   | -0.03   | -0.03   | -0.03      |         | ppb   |
| Copper     | 63-2  | 0.03    | 0.07    | 0.01    | 0.03       | 86.61   | 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 |         |         |         | 119        |         | %     |
| Holmium    | 165-2 |         |         |         | 110        |         | %     |
| Indium     | 115-1 |         |         |         | 114        |         | %     |
| Indium     | 115-2 |         |         |         | 104        |         | %     |
| Iron       | 56-2  | 1.38    | 1.10    | 0.82    | 1.10       | 25.52   | ppb   |
| Iron       | 57-2  | -0.07   | 2.29    | 3.36    | 1.86       | 94.49   | ppb   |
| Lead       | 206-1 | 0.07    | 0.06    | 0.07    | 0.06       | 10.03   | ppb   |
| Lead       | 207-1 | 0.07    | 0.06    | 0.08    | 0.07       | 16.74   | ppb   |
| Lead       | 208-1 | 0.07    | 0.06    | 0.06    | 0.06       | 6.60    | ppb   |
| Lithium    | 6-1   |         |         |         | 102        |         | %     |
| Magnesium  | 24-2  | -6.32   | -6.70   | -2.24   | -5.09      |         | ppb   |
| Manganese  | 55-2  | 0.04    | 0.06    | 0.02    | 0.04       | 57.66   | ppb   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB92809             | Operator :        | Jaswal    |
| Lab Sample ID :         | J1226-11            | Instrumnet Name : | P8        |
| Client Sample ID :      | MF6D42              | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2018-01-22 18:57:17 | DataFile Name :   | 096SMPL.d |

| Parameter  | Mass  | ConRep1  | ConRep2  | ConRep3  | Avg. Conc. | ConcRSD | Units |
|------------|-------|----------|----------|----------|------------|---------|-------|
| Molybdenum | 94-1  | 0.07     | 0.08     | 0.13     | 0.09       | 34.44   | ppb   |
| Molybdenum | 95-1  | 0.14     | 0.12     | 0.09     | 0.12       | 18.87   | ppb   |
| Molybdenum | 96-1  | 0.14     | 0.15     | 0.13     | 0.14       | 7.66    | ppb   |
| Molybdenum | 97-1  | 0.16     | 0.11     | 0.14     | 0.14       | 17.54   | ppb   |
| Molybdenum | 98-1  | 0.12     | 0.13     | 0.14     | 0.13       | 8.73    | ppb   |
| Neodymium  | 150-1 |          |          |          |            |         | cps   |
| Neodymium  | 150-2 |          |          |          |            |         | cps   |
| Nickel     | 60-2  | -0.68    | -0.95    | -0.76    | -0.80      |         | ppb   |
| Phosphorus | 31-2  | -4.97    | 28.38    | -4.97    | 6.14       | 313.40  | ppb   |
| Potassium  | 39-2  | -15.60   | -13.47   | -23.74   | -17.60     |         | ppb   |
| Rhodium    | 103-1 |          |          |          | 112        |         | %     |
| Rhodium    | 103-2 |          |          |          | 106        |         | %     |
| Scandium   | 45-1  |          |          |          | 104        |         | %     |
| Scandium   | 45-2  |          |          |          | 91         |         | %     |
| Selenium   | 77-2  | 0.00     | 0.00     | 0.00     | 0.00       | N/A     | ppb   |
| Selenium   | 78-2  | -0.77    | -0.77    | 0.39     | -0.38      |         | ppb   |
| Selenium   | 82-1  | 0.49     | 0.14     | 0.42     | 0.35       | 52.06   | ppb   |
| Silicon    | 28-1  | -42.67   | -39.82   | -41.10   | -41.20     |         | ppb   |
| Silver     | 109-1 | 0.00     | 0.00     | 0.01     | 0.00       | 322.61  | ppb   |
| Silver     | 107-1 | -0.01    | 0.00     | 0.00     | 0.00       |         | ppb   |
| Sodium     | 23-2  | -11.63   | -1.87    | -1.55    | -5.02      |         | ppb   |
| Strontium  | 86-1  | -0.04    | 0.02     | 0.03     | 0.00       | 1282.78 | ppb   |
| Strontium  | 88-1  | 0.02     | 0.02     | 0.02     | 0.02       | 14.87   | ppb   |
| Sulfur     | 34-1  | -4147.65 | -4013.47 | -3730.98 | -3964.03   |         | ppb   |
| Terbium    | 159-1 |          |          |          | 118        |         | %     |
| Terbium    | 159-2 |          |          |          | 110        |         | %     |
| Thallium   | 203-1 | 0.01     | 0.00     | 0.00     | 0.01       | 60.86   | ppb   |
| Thallium   | 205-1 | 0.01     | 0.01     | 0.01     | 0.01       | 27.11   | ppb   |
| Tin        | 118-1 | -0.04    | -0.04    | -0.06    | -0.05      |         | ppb   |
| Titanium   | 47-1  | 0.01     | -0.05    | 0.00     | -0.01      |         | ppb   |
| Uranium    | 238-1 | -0.01    | 0.00     | 0.00     | 0.00       |         | ppb   |
| Vanadium   | 51-2  | 0.01     | 0.04     | 0.03     | 0.03       | 60.82   | ppb   |
| Yttrium    | 89-1  |          |          |          | 112        |         | %     |
| Yttrium    | 89-2  |          |          |          | 100        |         | %     |
| Zinc       | 66-2  | 0.09     | 0.05     | 0.08     | 0.07       | 27.14   | ppb   |
| Zirconium  | 90-1  | 0.00     | 0.00     | 0.01     | 0.01       | 107.27  | ppb   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB92809             | Operator :        | Jaswal    |
| Lab Sample ID :         | J1226-11            | Instrumnet Name : | P8        |
| Client Sample ID :      | MF6D42              | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2018-01-22 18:57:17 | DataFile Name :   | 096SMPL.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|-----------|------|---------|---------|---------|------------|---------|-------|
| Zirconium | 91-1 | 0.01    | 0.00    | -0.01   | 0.00       | 2283.86 | ppb   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB92809             | Operator :        | Jaswal    |
| Lab Sample ID :         | J1226-12            | Instrumnet Name : | P8        |
| Client Sample ID :      | MF6D43              | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2018-01-22 19:00:28 | DataFile Name :   | 097SMPL.d |

| Parameter  | Mass  | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|------------|-------|---------|---------|---------|------------|---------|-------|
| Aluminium  | 27-2  | 3.08    | -1.07   | -3.12   | -0.37      |         | ppb   |
| Antimony   | 121-1 | -0.01   | -0.01   | 0.00    | 0.00       |         | ppb   |
| Arsenic    | 75-2  | 0.02    | -0.03   | 0.04    | 0.01       | 458.64  | ppb   |
| Barium     | 135-1 | 0.27    | 0.24    | 0.23    | 0.25       | 8.88    | ppb   |
| Barium     | 137-1 | 0.23    | 0.27    | 0.27    | 0.25       | 9.99    | ppb   |
| Beryllium  | 9-1   | -0.03   | -0.01   | -0.01   | -0.02      |         | ppb   |
| Bismuth    | 209-1 |         |         |         | 122        |         | %     |
| Bismuth    | 209-2 |         |         |         | 111        |         | %     |
| Boron      | 10-1  | -0.74   | -0.82   | -0.04   | -0.53      |         | ppb   |
| Boron      | 11-1  | -0.25   | -0.33   | -0.20   | -0.26      |         | ppb   |
| Cadmium    | 111-1 | -0.08   | 0.04    | -0.06   | -0.04      |         | ppb   |
| Cadmium    | 106-1 | -1.03   | 0.56    | -0.89   | -0.45      |         | ppb   |
| Cadmium    | 108-1 | -0.04   | 0.03    | 0.00    | -0.01      |         | ppb   |
| Calcium    | 43-1  | -23.81  | -13.89  | -17.54  | -18.41     |         | ppb   |
| Calcium    | 44-1  | -2.59   | -2.99   | -3.57   | -3.05      |         | ppb   |
| Chromium   | 52-2  | -0.03   | 0.08    | -0.03   | 0.01       | 686.55  | ppb   |
| Cobalt     | 59-2  | -0.02   | -0.02   | -0.01   | -0.02      |         | ppb   |
| Copper     | 63-2  | 0.02    | 0.02    | 0.03    | 0.02       | 27.32   | ppb   |
| Dysprosium | 156-1 |         |         |         |            |         | cps   |
| Dysprosium | 156-2 |         |         |         |            |         | cps   |
| Erbium     | 164-1 |         |         |         |            |         | cps   |
| Erbium     | 164-2 |         |         |         |            |         | cps   |
| Gadolinium | 160-1 |         |         |         |            |         | cps   |
| Gadolinium | 160-2 |         |         |         |            |         | cps   |
| Holmium    | 165-1 |         |         |         | 117        |         | %     |
| Holmium    | 165-2 |         |         |         | 110        |         | %     |
| Indium     | 115-1 |         |         |         | 114        |         | %     |
| Indium     | 115-2 |         |         |         | 103        |         | %     |
| Iron       | 56-2  | 1.70    | 2.21    | 1.52    | 1.81       | 19.81   | ppb   |
| Iron       | 57-2  | -0.67   | 2.79    | 4.06    | 2.06       | 118.93  | ppb   |
| Lead       | 206-1 | 0.08    | 0.09    | 0.08    | 0.08       | 6.20    | ppb   |
| Lead       | 207-1 | 0.08    | 0.07    | 0.08    | 0.08       | 4.06    | ppb   |
| Lead       | 208-1 | 0.08    | 0.08    | 0.08    | 0.08       | 5.73    | ppb   |
| Lithium    | 6-1   |         |         |         | 102        |         | %     |
| Magnesium  | 24-2  | -8.14   | -5.66   | -3.63   | -5.81      |         | ppb   |
| Manganese  | 55-2  | 0.04    | 0.12    | 0.06    | 0.07       | 58.33   | ppb   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB92809             | Operator :        | Jaswal    |
| Lab Sample ID :         | J1226-12            | Instrumnet Name : | P8        |
| Client Sample ID :      | MF6D43              | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2018-01-22 19:00:28 | DataFile Name :   | 097SMPL.d |

| Parameter  | Mass  | ConRep1  | ConRep2  | ConRep3  | Avg. Conc. | ConcRSD  | Units |
|------------|-------|----------|----------|----------|------------|----------|-------|
| Molybdenum | 94-1  | 0.07     | 0.09     | 0.10     | 0.09       | 21.34    | ppb   |
| Molybdenum | 95-1  | 0.11     | 0.12     | 0.11     | 0.11       | 3.65     | ppb   |
| Molybdenum | 96-1  | 0.14     | 0.11     | 0.09     | 0.11       | 21.92    | ppb   |
| Molybdenum | 97-1  | 0.12     | 0.11     | 0.14     | 0.12       | 9.90     | ppb   |
| Molybdenum | 98-1  | 0.15     | 0.11     | 0.10     | 0.12       | 20.66    | ppb   |
| Neodymium  | 150-1 |          |          |          |            |          | cps   |
| Neodymium  | 150-2 |          |          |          |            |          | cps   |
| Nickel     | 60-2  | -0.69    | -0.86    | -0.61    | -0.72      |          | ppb   |
| Phosphorus | 31-2  | -4.97    | -4.97    | -4.97    | -4.97      |          | ppb   |
| Potassium  | 39-2  | -6.98    | -6.50    | -10.15   | -7.88      |          | ppb   |
| Rhodium    | 103-1 |          |          |          | 111        |          | %     |
| Rhodium    | 103-2 |          |          |          | 106        |          | %     |
| Scandium   | 45-1  |          |          |          | 105        |          | %     |
| Scandium   | 45-2  |          |          |          | 91         |          | %     |
| Selenium   | 77-2  | 0.00     | 0.00     | 0.00     | 0.00       | N/A      | ppb   |
| Selenium   | 78-2  | 2.69     | 0.38     | -0.77    | 0.77       | 229.46   | ppb   |
| Selenium   | 82-1  | -0.50    | 0.29     | 0.57     | 0.12       | 456.42   | ppb   |
| Silicon    | 28-1  | -39.21   | -37.96   | -36.81   | -37.99     |          | ppb   |
| Silver     | 109-1 | 0.00     | 0.00     | 0.00     | 0.00       |          | ppb   |
| Silver     | 107-1 | 0.01     | 0.00     | 0.00     | 0.00       | 435.56   | ppb   |
| Sodium     | 23-2  | 3.13     | -4.85    | 7.27     | 1.85       | 332.77   | ppb   |
| Strontium  | 86-1  | 0.02     | -0.01    | -0.02    | 0.00       |          | ppb   |
| Strontium  | 88-1  | 0.03     | 0.04     | 0.03     | 0.03       | 16.21    | ppb   |
| Sulfur     | 34-1  | -3972.06 | -3938.10 | -3747.54 | -3885.90   |          | ppb   |
| Terbium    | 159-1 |          |          |          | 117        |          | %     |
| Terbium    | 159-2 |          |          |          | 109        |          | %     |
| Thallium   | 203-1 | 0.00     | 0.01     | -0.01    | 0.00       | 610.89   | ppb   |
| Thallium   | 205-1 | 0.00     | 0.00     | 0.00     | 0.00       | 99.94    | ppb   |
| Tin        | 118-1 | -0.07    | -0.06    | -0.06    | -0.06      |          | ppb   |
| Titanium   | 47-1  | 0.01     | -0.05    | 0.04     | 0.00       | 10413.96 | ppb   |
| Uranium    | 238-1 | 0.00     | 0.00     | 0.00     | 0.00       |          | ppb   |
| Vanadium   | 51-2  | 0.02     | 0.00     | 0.00     | 0.01       | 151.47   | ppb   |
| Yttrium    | 89-1  |          |          |          | 111        |          | %     |
| Yttrium    | 89-2  |          |          |          | 100        |          | %     |
| Zinc       | 66-2  | 0.44     | 0.30     | 0.67     | 0.47       | 39.70    | ppb   |
| Zirconium  | 90-1  | 0.00     | 0.00     | 0.01     | 0.00       | 161.48   | ppb   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB92809             | Operator :        | Jaswal    |
| Lab Sample ID :         | J1226-12            | Instrumnet Name : | P8        |
| Client Sample ID :      | MF6D43              | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2018-01-22 19:00:28 | DataFile Name :   | 097SMPL.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|-----------|------|---------|---------|---------|------------|---------|-------|
| Zirconium | 91-1 | 0.00    | 0.02    | 0.01    | 0.01       | 113.40  | ppb   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB92809             | Operator :        | Jaswal    |
| Lab Sample ID :         | J1226-21            | Instrumnet Name : | P8        |
| Client Sample ID :      | MF6D44              | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2018-01-22 19:03:39 | DataFile Name :   | 098SMPL.d |

| Parameter  | Mass  | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|------------|-------|---------|---------|---------|------------|---------|-------|
| Aluminium  | 27-2  | -3.12   | -0.99   | -1.02   | -1.71      |         | ppb   |
| Antimony   | 121-1 | -0.01   | -0.01   | 0.00    | -0.01      |         | ppb   |
| Arsenic    | 75-2  | -0.01   | -0.03   | -0.01   | -0.02      |         | ppb   |
| Barium     | 135-1 | 0.14    | 0.24    | 0.14    | 0.17       | 32.04   | ppb   |
| Barium     | 137-1 | 0.16    | 0.17    | 0.18    | 0.17       | 4.03    | ppb   |
| Beryllium  | 9-1   | -0.03   | -0.03   | 0.04    | -0.01      |         | ppb   |
| Bismuth    | 209-1 |         |         |         | 120        |         | %     |
| Bismuth    | 209-2 |         |         |         | 110        |         | %     |
| Boron      | 10-1  | -0.75   | -0.99   | -1.34   | -1.02      |         | ppb   |
| Boron      | 11-1  | -0.63   | -0.51   | -0.58   | -0.57      |         | ppb   |
| Cadmium    | 111-1 | -0.03   | -0.03   | -0.04   | -0.03      |         | ppb   |
| Cadmium    | 106-1 | -0.31   | -0.34   | -0.48   | -0.38      |         | ppb   |
| Cadmium    | 108-1 | 0.06    | -0.01   | -0.04   | 0.01       | 937.80  | ppb   |
| Calcium    | 43-1  | -23.11  | -19.96  | -30.50  | -24.53     |         | ppb   |
| Calcium    | 44-1  | -13.37  | -9.92   | -11.12  | -11.47     |         | ppb   |
| Chromium   | 52-2  | 0.00    | -0.06   | 0.11    | 0.02       | 582.21  | ppb   |
| Cobalt     | 59-2  | -0.02   | -0.03   | -0.03   | -0.02      |         | ppb   |
| Copper     | 63-2  | 0.02    | -0.01   | 0.03    | 0.01       | 162.44  | ppb   |
| Dysprosium | 156-1 |         |         |         |            |         | cps   |
| Dysprosium | 156-2 |         |         |         |            |         | cps   |
| Erbium     | 164-1 |         |         |         |            |         | cps   |
| Erbium     | 164-2 |         |         |         |            |         | cps   |
| Gadolinium | 160-1 |         |         |         |            |         | cps   |
| Gadolinium | 160-2 |         |         |         |            |         | cps   |
| Holmium    | 165-1 |         |         |         | 118        |         | %     |
| Holmium    | 165-2 |         |         |         | 108        |         | %     |
| Indium     | 115-1 |         |         |         | 113        |         | %     |
| Indium     | 115-2 |         |         |         | 102        |         | %     |
| Iron       | 56-2  | 1.22    | 1.00    | 1.13    | 1.11       | 10.01   | ppb   |
| Iron       | 57-2  | 4.15    | 4.19    | 2.92    | 3.75       | 19.23   | ppb   |
| Lead       | 206-1 | 0.09    | 0.11    | 0.08    | 0.09       | 11.46   | ppb   |
| Lead       | 207-1 | 0.10    | 0.07    | 0.09    | 0.09       | 15.72   | ppb   |
| Lead       | 208-1 | 0.09    | 0.09    | 0.08    | 0.09       | 2.32    | ppb   |
| Lithium    | 6-1   |         |         |         | 102        |         | %     |
| Magnesium  | 24-2  | -3.82   | -1.50   | -7.02   | -4.11      |         | ppb   |
| Manganese  | 55-2  | 0.22    | 0.04    | 0.13    | 0.13       | 67.34   | ppb   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB92809             | Operator :        | Jaswal    |
| Lab Sample ID :         | J1226-21            | Instrumnet Name : | P8        |
| Client Sample ID :      | MF6D44              | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2018-01-22 19:03:39 | DataFile Name :   | 098SMPL.d |

| Parameter  | Mass  | ConRep1  | ConRep2  | ConRep3  | Avg. Conc. | ConcRSD | Units |
|------------|-------|----------|----------|----------|------------|---------|-------|
| Molybdenum | 94-1  | 0.04     | 0.00     | 0.04     | 0.03       | 81.97   | ppb   |
| Molybdenum | 95-1  | 0.06     | 0.04     | 0.08     | 0.06       | 29.70   | ppb   |
| Molybdenum | 96-1  | 0.04     | 0.05     | 0.06     | 0.05       | 18.03   | ppb   |
| Molybdenum | 97-1  | 0.02     | 0.06     | 0.05     | 0.05       | 45.49   | ppb   |
| Molybdenum | 98-1  | 0.06     | 0.06     | 0.04     | 0.06       | 16.69   | ppb   |
| Neodymium  | 150-1 |          |          |          |            |         | cps   |
| Neodymium  | 150-2 |          |          |          |            |         | cps   |
| Nickel     | 60-2  | -0.58    | -0.68    | -0.79    | -0.69      |         | ppb   |
| Phosphorus | 31-2  | -4.97    | -4.97    | -4.97    | -4.97      |         | ppb   |
| Potassium  | 39-2  | -15.34   | -3.23    | -13.16   | -10.58     |         | ppb   |
| Rhodium    | 103-1 |          |          |          | 111        |         | %     |
| Rhodium    | 103-2 |          |          |          | 104        |         | %     |
| Scandium   | 45-1  |          |          |          | 105        |         | %     |
| Scandium   | 45-2  |          |          |          | 89         |         | %     |
| Selenium   | 77-2  | 0.00     | 14.31    | 7.20     | 7.17       | 99.81   | ppb   |
| Selenium   | 78-2  | 0.40     | -0.77    | -0.77    | -0.38      |         | ppb   |
| Selenium   | 82-1  | -0.12    | 0.33     | 0.14     | 0.12       | 196.09  | ppb   |
| Silicon    | 28-1  | -37.84   | -33.49   | -35.81   | -35.71     |         | ppb   |
| Silver     | 109-1 | -0.01    | 0.00     | 0.00     | 0.00       |         | ppb   |
| Silver     | 107-1 | 0.00     | 0.00     | 0.01     | 0.00       | 139.75  | ppb   |
| Sodium     | 23-2  | -11.62   | -8.62    | -10.00   | -10.08     |         | ppb   |
| Strontium  | 86-1  | 0.00     | -0.01    | 0.01     | 0.00       |         | ppb   |
| Strontium  | 88-1  | 0.02     | 0.02     | 0.02     | 0.02       | 2.81    | ppb   |
| Sulfur     | 34-1  | -3962.71 | -3842.94 | -3581.11 | -3795.59   |         | ppb   |
| Terbium    | 159-1 |          |          |          | 117        |         | %     |
| Terbium    | 159-2 |          |          |          | 108        |         | %     |
| Thallium   | 203-1 | 0.00     | 0.01     | 0.00     | 0.00       | 355.31  | ppb   |
| Thallium   | 205-1 | 0.00     | 0.01     | 0.01     | 0.00       | 69.51   | ppb   |
| Tin        | 118-1 | -0.05    | -0.07    | -0.05    | -0.06      |         | ppb   |
| Titanium   | 47-1  | -0.02    | 0.00     | 0.01     | 0.00       |         | ppb   |
| Uranium    | 238-1 | 0.00     | 0.00     | 0.00     | 0.00       |         | ppb   |
| Vanadium   | 51-2  | 0.00     | 0.00     | 0.03     | 0.01       | 159.15  | ppb   |
| Yttrium    | 89-1  |          |          |          | 110        |         | %     |
| Yttrium    | 89-2  |          |          |          | 99         |         | %     |
| Zinc       | 66-2  | 0.90     | 0.35     | 0.31     | 0.52       | 63.68   | ppb   |
| Zirconium  | 90-1  | 0.00     | 0.01     | 0.01     | 0.01       | 121.78  | ppb   |



|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB92809             | Operator :        | Jaswal    |
| Lab Sample ID :         | J1226-21            | Instrumnet Name : | P8        |
| Client Sample ID :      | MF6D44              | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2018-01-22 19:03:39 | DataFile Name :   | 098SMPL.d |

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

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB92809             | Operator :        | Jaswal    |
| Lab Sample ID :         | J1226-01DLX10       | Instrumnet Name : | P8        |
| Client Sample ID :      | MF6A95              | Dilution Factor : | 10        |
| Date & Time Acquired :: | 2018-01-22 19:08:08 | DataFile Name :   | 099SMPL.d |

| Parameter  | Mass  | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|------------|-------|---------|---------|---------|------------|---------|-------|
| Aluminium  | 27-2  | 1160.45 | 1332.46 | 1263.61 | 1252.17    | 6.91    | ppb   |
| Antimony   | 121-1 | 0.07    | 0.09    | 0.09    | 0.09       | 14.03   | ppb   |
| Arsenic    | 75-2  | 3.65    | 3.25    | 3.59    | 3.50       | 6.12    | ppb   |
| Barium     | 135-1 | 55.15   | 52.48   | 53.38   | 53.67      | 2.53    | ppb   |
| Barium     | 137-1 | 53.78   | 54.15   | 53.24   | 53.73      | 0.86    | ppb   |
| Beryllium  | 9-1   | 0.12    | 0.15    | 0.17    | 0.15       | 16.60   | ppb   |
| Bismuth    | 209-1 |         |         |         | 106        |         | %     |
| Bismuth    | 209-2 |         |         |         | 100        |         | %     |
| Boron      | 10-1  | -0.35   | 0.58    | -0.20   | 0.01       | 4037.19 | ppb   |
| Boron      | 11-1  | 0.81    | 0.17    | 0.62    | 0.54       | 61.42   | ppb   |
| Cadmium    | 111-1 | 0.03    | 0.01    | 0.05    | 0.03       | 57.77   | ppb   |
| Cadmium    | 106-1 | -0.80   | -0.80   | -0.48   | -0.69      |         | ppb   |
| Cadmium    | 108-1 | 0.23    | 0.11    | 0.07    | 0.14       | 59.50   | ppb   |
| Calcium    | 43-1  | 3881.30 | 3843.95 | 3930.49 | 3885.25    | 1.12    | ppb   |
| Calcium    | 44-1  | 3870.09 | 3803.17 | 3866.11 | 3846.46    | 0.98    | ppb   |
| Chromium   | 52-2  | 22.60   | 23.56   | 21.24   | 22.47      | 5.20    | ppb   |
| Cobalt     | 59-2  | 2.97    | 3.02    | 3.15    | 3.05       | 3.17    | ppb   |
| Copper     | 63-2  | 6.02    | 6.27    | 6.09    | 6.13       | 2.12    | ppb   |
| Dysprosium | 156-1 |         |         |         |            |         | cps   |
| Dysprosium | 156-2 |         |         |         |            |         | cps   |
| Erbium     | 164-1 |         |         |         |            |         | cps   |
| Erbium     | 164-2 |         |         |         |            |         | cps   |
| Gadolinium | 160-1 |         |         |         |            |         | cps   |
| Gadolinium | 160-2 |         |         |         |            |         | cps   |
| Holmium    | 165-1 |         |         |         | 102        |         | %     |
| Holmium    | 165-2 |         |         |         | 99         |         | %     |
| Indium     | 115-1 |         |         |         | 99         |         | %     |
| Indium     | 115-2 |         |         |         | 93         |         | %     |
| Iron       | 56-2  | 4481.93 | 4587.60 | 4463.99 | 4511.17    | 1.48    | ppb   |
| Iron       | 57-2  | 4157.05 | 4413.50 | 4210.80 | 4260.45    | 3.17    | ppb   |
| Lead       | 206-1 | 14.42   | 14.59   | 14.42   | 14.48      | 0.69    | ppb   |
| Lead       | 207-1 | 13.62   | 13.02   | 13.14   | 13.26      | 2.40    | ppb   |
| Lead       | 208-1 | 13.82   | 13.67   | 13.73   | 13.74      | 0.55    | ppb   |
| Lithium    | 6-1   |         |         |         | 90         |         | %     |
| Magnesium  | 24-2  | 262.45  | 279.32  | 258.72  | 266.83     | 4.11    | ppb   |
| Manganese  | 55-2  | 132.68  | 132.26  | 129.67  | 131.54     | 1.24    | ppb   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB92809             | Operator :        | Jaswal    |
| Lab Sample ID :         | J1226-01DLX10       | Instrumnet Name : | P8        |
| Client Sample ID :      | MF6A95              | Dilution Factor : | 10        |
| Date & Time Acquired :: | 2018-01-22 19:08:08 | DataFile Name :   | 099SMPL.d |

| Parameter  | Mass  | ConRep1  | ConRep2  | ConRep3  | Avg. Conc. | ConcRSD | Units |
|------------|-------|----------|----------|----------|------------|---------|-------|
| Molybdenum | 94-1  | 0.91     | 0.80     | 1.00     | 0.90       | 10.84   | ppb   |
| Molybdenum | 95-1  | 0.20     | 0.15     | 0.18     | 0.18       | 12.96   | ppb   |
| Molybdenum | 96-1  | 0.27     | 0.65     | 0.34     | 0.42       | 48.93   | ppb   |
| Molybdenum | 97-1  | 0.15     | 0.10     | 0.17     | 0.14       | 23.97   | ppb   |
| Molybdenum | 98-1  | 0.20     | 0.15     | 0.19     | 0.18       | 13.73   | ppb   |
| Neodymium  | 150-1 |          |          |          |            |         | cps   |
| Neodymium  | 150-2 |          |          |          |            |         | cps   |
| Nickel     | 60-2  | 0.87     | 0.86     | 1.14     | 0.96       | 16.78   | ppb   |
| Phosphorus | 31-2  | -4.97    | 105.99   | 67.20    | 56.07      | 100.43  | ppb   |
| Potassium  | 39-2  | 70.53    | 124.05   | 88.52    | 94.37      | 28.86   | ppb   |
| Rhodium    | 103-1 |          |          |          | 98         |         | %     |
| Rhodium    | 103-2 |          |          |          | 95         |         | %     |
| Scandium   | 45-1  |          |          |          | 92         |         | %     |
| Scandium   | 45-2  |          |          |          | 83         |         | %     |
| Selenium   | 77-2  | 7.86     | 15.58    | 0.00     | 7.81       | 99.72   | ppb   |
| Selenium   | 78-2  | 4.33     | -0.77    | 1.77     | 1.78       | 143.55  | ppb   |
| Selenium   | 82-1  | 0.16     | 1.02     | 0.35     | 0.51       | 89.23   | ppb   |
| Silicon    | 28-1  | 258.26   | 182.39   | 207.48   | 216.05     | 17.89   | ppb   |
| Silver     | 109-1 | 0.02     | 0.02     | 0.02     | 0.02       | 18.83   | ppb   |
| Silver     | 107-1 | 0.01     | 0.02     | 0.01     | 0.01       | 14.18   | ppb   |
| Sodium     | 23-2  | 51.64    | 57.96    | 36.93    | 48.84      | 22.10   | ppb   |
| Strontium  | 86-1  | 15.38    | 14.99    | 15.04    | 15.14      | 1.39    | ppb   |
| Strontium  | 88-1  | 15.36    | 15.32    | 15.49    | 15.39      | 0.57    | ppb   |
| Sulfur     | 34-1  | -1393.26 | -1907.11 | -1561.36 | -1620.58   |         | ppb   |
| Terbium    | 159-1 |          |          |          | 102        |         | %     |
| Terbium    | 159-2 |          |          |          | 99         |         | %     |
| Thallium   | 203-1 | 0.02     | 0.01     | 0.01     | 0.01       | 56.55   | ppb   |
| Thallium   | 205-1 | 0.03     | 0.02     | 0.02     | 0.02       | 14.97   | ppb   |
| Tin        | 118-1 | 0.29     | 0.24     | 0.27     | 0.27       | 9.96    | ppb   |
| Titanium   | 47-1  | 3.03     | 4.17     | 2.77     | 3.32       | 22.35   | ppb   |
| Uranium    | 238-1 | 0.15     | 0.16     | 0.13     | 0.15       | 7.12    | ppb   |
| Vanadium   | 51-2  | 7.77     | 7.94     | 7.79     | 7.83       | 1.15    | ppb   |
| Yttrium    | 89-1  |          |          |          | 98         |         | %     |
| Yttrium    | 89-2  |          |          |          | 91         |         | %     |
| Zinc       | 66-2  | 274.86   | 285.27   | 273.00   | 277.71     | 2.38    | ppb   |
| Zirconium  | 90-1  | 0.55     | 0.51     | 0.53     | 0.53       | 3.67    | ppb   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB92809             | Operator :        | Jaswal    |
| Lab Sample ID :         | J1226-01DLX10       | Instrumnet Name : | P8        |
| Client Sample ID :      | MF6A95              | Dilution Factor : | 10        |
| Date & Time Acquired :: | 2018-01-22 19:08:08 | DataFile Name :   | 099SMPL.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|-----------|------|---------|---------|---------|------------|---------|-------|
| Zirconium | 91-1 | 0.52    | 0.58    | 0.56    | 0.55       | 5.15    | ppb   |

|                         |                     |                   |          |
|-------------------------|---------------------|-------------------|----------|
| LB Number :             | LB92809             | Operator :        | Jaswal   |
| Lab Sample ID :         | CCV040              | Instrumnet Name : | P8       |
| Client Sample ID :      | CCV040              | Dilution Factor : | 1        |
| Date & Time Acquired :: | 2018-01-22 19:15:09 | DataFile Name :   | 100CCV.d |

| Parameter  | Mass  | ConRep1   | ConRep2   | ConRep3   | Avg. Conc. | ConcRSD | Units |
|------------|-------|-----------|-----------|-----------|------------|---------|-------|
| Aluminium  | 27-2  | 47154.18  | 46855.92  | 47145.12  | 47051.74   | 0.36    | ppb   |
| Antimony   | 121-1 | 481.24    | 479.76    | 516.55    | 492.52     | 4.23    | ppb   |
| Arsenic    | 75-2  | 469.45    | 474.53    | 480.84    | 474.94     | 1.20    | ppb   |
| Barium     | 135-1 | 2470.67   | 2459.77   | 2608.73   | 2513.06    | 3.30    | ppb   |
| Barium     | 137-1 | 2468.64   | 2448.19   | 2599.66   | 2505.50    | 3.28    | ppb   |
| Beryllium  | 9-1   | 501.27    | 501.39    | 528.72    | 510.46     | 3.10    | ppb   |
| Bismuth    | 209-1 |           |           |           | 99         |         | %     |
| Bismuth    | 209-2 |           |           |           | 93         |         | %     |
| Boron      | 10-1  | 479.36    | 492.74    | 539.85    | 503.98     | 6.30    | ppb   |
| Boron      | 11-1  | 476.08    | 497.59    | 525.78    | 499.81     | 4.99    | ppb   |
| Cadmium    | 111-1 | 468.27    | 463.32    | 493.79    | 475.13     | 3.44    | ppb   |
| Cadmium    | 106-1 | 471.55    | 466.85    | 484.09    | 474.16     | 1.88    | ppb   |
| Cadmium    | 108-1 | 463.83    | 477.64    | 497.64    | 479.70     | 3.54    | ppb   |
| Calcium    | 43-1  | 235878.96 | 238074.31 | 250335.24 | 241429.50  | 3.23    | ppb   |
| Calcium    | 44-1  | 232933.66 | 233800.17 | 250110.69 | 238948.18  | 4.05    | ppb   |
| Chromium   | 52-2  | 497.76    | 500.45    | 496.32    | 498.18     | 0.42    | ppb   |
| Cobalt     | 59-2  | 491.25    | 489.51    | 488.37    | 489.71     | 0.30    | ppb   |
| Copper     | 63-2  | 960.37    | 961.38    | 955.48    | 959.07     | 0.33    | ppb   |
| Dysprosium | 156-1 |           |           |           |            |         | cps   |
| Dysprosium | 156-2 |           |           |           |            |         | cps   |
| Erbium     | 164-1 |           |           |           |            |         | cps   |
| Erbium     | 164-2 |           |           |           |            |         | cps   |
| Gadolinium | 160-1 |           |           |           |            |         | cps   |
| Gadolinium | 160-2 |           |           |           |            |         | cps   |
| Holmium    | 165-1 |           |           |           | 103        |         | %     |
| Holmium    | 165-2 |           |           |           | 99         |         | %     |
| Indium     | 115-1 |           |           |           | 94         |         | %     |
| Indium     | 115-2 |           |           |           | 88         |         | %     |
| Iron       | 56-2  | 120854.63 | 120690.43 | 120616.72 | 120720.59  | 0.10    | ppb   |
| Iron       | 57-2  | 116859.24 | 117474.50 | 116982.08 | 117105.27  | 0.28    | ppb   |
| Lead       | 206-1 | 496.27    | 500.75    | 528.96    | 508.66     | 3.48    | ppb   |
| Lead       | 207-1 | 500.72    | 504.17    | 536.38    | 513.76     | 3.83    | ppb   |
| Lead       | 208-1 | 495.93    | 501.48    | 532.39    | 509.93     | 3.85    | ppb   |
| Lithium    | 6-1   |           |           |           | 88         |         | %     |
| Magnesium  | 24-2  | 241864.96 | 240364.74 | 238420.74 | 240216.81  | 0.72    | ppb   |
| Manganese  | 55-2  | 987.59    | 989.58    | 989.74    | 988.97     | 0.12    | ppb   |

|                         |                     |                   |          |
|-------------------------|---------------------|-------------------|----------|
| LB Number :             | LB92809             | Operator :        | Jaswal   |
| Lab Sample ID :         | CCV040              | Instrumnet Name : | P8       |
| Client Sample ID :      | CCV040              | Dilution Factor : | 1        |
| Date & Time Acquired :: | 2018-01-22 19:15:09 | DataFile Name :   | 100CCV.d |

| Parameter  | Mass  | ConRep1   | ConRep2   | ConRep3   | Avg. Conc. | ConcRSD | Units |
|------------|-------|-----------|-----------|-----------|------------|---------|-------|
| Molybdenum | 94-1  | 2480.26   | 2434.62   | 2577.92   | 2497.60    | 2.93    | ppb   |
| Molybdenum | 95-1  | 2488.65   | 2433.09   | 2578.67   | 2500.14    | 2.94    | ppb   |
| Molybdenum | 96-1  | 2483.62   | 2436.98   | 2574.29   | 2498.30    | 2.79    | ppb   |
| Molybdenum | 97-1  | 2501.99   | 2468.76   | 2608.70   | 2526.49    | 2.89    | ppb   |
| Molybdenum | 98-1  | 2466.54   | 2476.59   | 2566.54   | 2503.22    | 2.20    | ppb   |
| Neodymium  | 150-1 |           |           |           |            |         | cps   |
| Neodymium  | 150-2 |           |           |           |            |         | cps   |
| Nickel     | 60-2  | 491.70    | 488.17    | 481.49    | 487.12     | 1.07    | ppb   |
| Phosphorus | 31-2  | 9250.80   | 9093.33   | 9553.37   | 9299.17    | 2.51    | ppb   |
| Potassium  | 39-2  | 117902.14 | 118247.45 | 117572.99 | 117907.52  | 0.29    | ppb   |
| Rhodium    | 103-1 |           |           |           | 91         |         | %     |
| Rhodium    | 103-2 |           |           |           | 89         |         | %     |
| Scandium   | 45-1  |           |           |           | 92         |         | %     |
| Scandium   | 45-2  |           |           |           | 83         |         | %     |
| Selenium   | 77-2  | 420.26    | 472.27    | 537.92    | 476.82     | 12.37   | ppb   |
| Selenium   | 78-2  | 454.50    | 560.08    | 515.00    | 509.86     | 10.39   | ppb   |
| Selenium   | 82-1  | 476.56    | 468.04    | 495.65    | 480.08     | 2.95    | ppb   |
| Silicon    | 28-1  | 462.39    | 477.51    | 519.06    | 486.32     | 6.03    | ppb   |
| Silver     | 109-1 | 482.48    | 477.14    | 509.41    | 489.68     | 3.53    | ppb   |
| Silver     | 107-1 | 480.72    | 484.80    | 510.40    | 491.97     | 3.27    | ppb   |
| Sodium     | 23-2  | 239734.49 | 241914.76 | 237316.53 | 239655.26  | 0.96    | ppb   |
| Strontium  | 86-1  | 486.13    | 478.90    | 507.50    | 490.85     | 3.03    | ppb   |
| Strontium  | 88-1  | 507.02    | 497.48    | 525.94    | 510.15     | 2.84    | ppb   |
| Sulfur     | 34-1  | 8514.03   | 8689.00   | 10545.02  | 9249.35    | 12.17   | ppb   |
| Terbium    | 159-1 |           |           |           | 101        |         | %     |
| Terbium    | 159-2 |           |           |           | 97         |         | %     |
| Thallium   | 203-1 | 501.14    | 506.12    | 534.93    | 514.07     | 3.55    | ppb   |
| Thallium   | 205-1 | 492.52    | 497.00    | 528.69    | 506.07     | 3.90    | ppb   |
| Tin        | 118-1 | 489.07    | 485.27    | 517.08    | 497.14     | 3.49    | ppb   |
| Titanium   | 47-1  | 2470.52   | 2502.58   | 2639.01   | 2537.37    | 3.53    | ppb   |
| Uranium    | 238-1 | 493.32    | 505.59    | 531.79    | 510.23     | 3.85    | ppb   |
| Vanadium   | 51-2  | 497.24    | 500.30    | 496.05    | 497.86     | 0.44    | ppb   |
| Yttrium    | 89-1  |           |           |           | 96         |         | %     |
| Yttrium    | 89-2  |           |           |           | 90         |         | %     |
| Zinc       | 66-2  | 951.67    | 969.34    | 963.77    | 961.59     | 0.94    | ppb   |
| Zirconium  | 90-1  | 501.89    | 491.69    | 518.57    | 504.05     | 2.69    | ppb   |

|                         |                     |                   |          |
|-------------------------|---------------------|-------------------|----------|
| LB Number :             | LB92809             | Operator :        | Jaswal   |
| Lab Sample ID :         | CCV040              | Instrumnet Name : | P8       |
| Client Sample ID :      | CCV040              | Dilution Factor : | 1        |
| Date & Time Acquired :: | 2018-01-22 19:15:09 | DataFile Name :   | 100CCV.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|-----------|------|---------|---------|---------|------------|---------|-------|
| Zirconium | 91-1 | 479.54  | 473.37  | 496.08  | 483.00     | 2.43    | ppb   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB92809             | Operator :        | Jaswal    |
| Lab Sample ID :         | CCB040              | Instrumnet Name : | P8        |
| Client Sample ID :      | CCB040              | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2018-01-22 19:19:26 | DataFile Name :   | 101CCBE.d |

| Parameter  | Mass  | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|------------|-------|---------|---------|---------|------------|---------|-------|
| Aluminium  | 27-2  | -3.12   | -3.12   | -3.12   | -3.12      |         | ppb   |
| Antimony   | 121-1 | 0.38    | 0.36    | 0.39    | 0.38       | 4.19    | ppb   |
| Arsenic    | 75-2  | -0.03   | -0.03   | 0.11    | 0.01       | 633.23  | ppb   |
| Barium     | 135-1 | 0.02    | -0.01   | 0.00    | 0.01       | 291.29  | ppb   |
| Barium     | 137-1 | 0.02    | 0.01    | 0.01    | 0.01       | 39.81   | ppb   |
| Beryllium  | 9-1   | 0.13    | 0.19    | 0.18    | 0.17       | 18.73   | ppb   |
| Bismuth    | 209-1 |         |         |         | 107        |         | %     |
| Bismuth    | 209-2 |         |         |         | 99         |         | %     |
| Boron      | 10-1  | 8.45    | 6.69    | 6.25    | 7.13       | 16.29   | ppb   |
| Boron      | 11-1  | 7.64    | 7.59    | 6.66    | 7.30       | 7.57    | ppb   |
| Cadmium    | 111-1 | -0.01   | -0.08   | -0.08   | -0.06      |         | ppb   |
| Cadmium    | 106-1 | -0.80   | -1.10   | -1.12   | -1.01      |         | ppb   |
| Cadmium    | 108-1 | 0.04    | 0.00    | -0.04   | 0.00       |         | ppb   |
| Calcium    | 43-1  | -27.70  | -23.04  | -28.83  | -26.52     |         | ppb   |
| Calcium    | 44-1  | -10.79  | -14.68  | -14.99  | -13.49     |         | ppb   |
| Chromium   | 52-2  | 0.00    | 0.11    | 0.01    | 0.04       | 147.21  | ppb   |
| Cobalt     | 59-2  | -0.01   | 0.00    | -0.01   | -0.01      |         | ppb   |
| Copper     | 63-2  | 0.04    | 0.02    | 0.01    | 0.02       | 70.65   | ppb   |
| Dysprosium | 156-1 |         |         |         |            |         | cps   |
| Dysprosium | 156-2 |         |         |         |            |         | cps   |
| Erbium     | 164-1 |         |         |         |            |         | cps   |
| Erbium     | 164-2 |         |         |         |            |         | cps   |
| Gadolinium | 160-1 |         |         |         |            |         | cps   |
| Gadolinium | 160-2 |         |         |         |            |         | cps   |
| Holmium    | 165-1 |         |         |         | 104        |         | %     |
| Holmium    | 165-2 |         |         |         | 98         |         | %     |
| Indium     | 115-1 |         |         |         | 100        |         | %     |
| Indium     | 115-2 |         |         |         | 93         |         | %     |
| Iron       | 56-2  | 1.99    | 1.96    | 1.90    | 1.95       | 2.46    | ppb   |
| Iron       | 57-2  | 5.22    | 4.03    | 1.35    | 3.53       | 56.18   | ppb   |
| Lead       | 206-1 | 0.06    | 0.05    | 0.05    | 0.06       | 11.85   | ppb   |
| Lead       | 207-1 | 0.06    | 0.04    | 0.03    | 0.04       | 29.29   | ppb   |
| Lead       | 208-1 | 0.06    | 0.04    | 0.05    | 0.05       | 11.31   | ppb   |
| Lithium    | 6-1   |         |         |         | 93         |         | %     |
| Magnesium  | 24-2  | -5.92   | -3.82   | -11.74  | -7.16      |         | ppb   |
| Manganese  | 55-2  | -0.02   | -0.06   | 0.00    | -0.03      |         | ppb   |



|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB92809             | Operator :        | Jaswal    |
| Lab Sample ID :         | CCB040              | Instrumnet Name : | P8        |
| Client Sample ID :      | CCB040              | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2018-01-22 19:19:26 | DataFile Name :   | 101CCBE.d |

| Parameter  | Mass  | ConRep1  | ConRep2  | ConRep3  | Avg. Conc. | ConcRSD | Units |
|------------|-------|----------|----------|----------|------------|---------|-------|
| Molybdenum | 94-1  | 0.06     | 0.12     | 0.07     | 0.08       | 35.34   | ppb   |
| Molybdenum | 95-1  | 0.07     | 0.11     | 0.09     | 0.09       | 21.68   | ppb   |
| Molybdenum | 96-1  | 0.09     | 0.11     | 0.09     | 0.10       | 13.82   | ppb   |
| Molybdenum | 97-1  | 0.07     | 0.10     | 0.11     | 0.09       | 23.75   | ppb   |
| Molybdenum | 98-1  | 0.08     | 0.09     | 0.07     | 0.08       | 10.06   | ppb   |
| Neodymium  | 150-1 |          |          |          |            |         | cps   |
| Neodymium  | 150-2 |          |          |          |            |         | cps   |
| Nickel     | 60-2  | -0.19    | -0.56    | -0.34    | -0.36      |         | ppb   |
| Phosphorus | 31-2  | -4.97    | -4.97    | 30.25    | 6.77       | 300.47  | ppb   |
| Potassium  | 39-2  | -19.61   | 1.12     | -3.85    | -7.45      |         | ppb   |
| Rhodium    | 103-1 |          |          |          | 99         |         | %     |
| Rhodium    | 103-2 |          |          |          | 95         |         | %     |
| Scandium   | 45-1  |          |          |          | 95         |         | %     |
| Scandium   | 45-2  |          |          |          | 84         |         | %     |
| Selenium   | 77-2  | 0.00     | 0.00     | 0.00     | 0.00       | N/A     | ppb   |
| Selenium   | 78-2  | 0.50     | 0.50     | 0.50     | 0.50       | 0.59    | ppb   |
| Selenium   | 82-1  | -0.03    | 0.39     | 0.23     | 0.20       | 106.42  | ppb   |
| Silicon    | 28-1  | -18.40   | -19.28   | -19.71   | -19.13     |         | ppb   |
| Silver     | 109-1 | 0.02     | 0.01     | 0.01     | 0.01       | 50.46   | ppb   |
| Silver     | 107-1 | 0.01     | 0.00     | 0.00     | 0.00       | 64.72   | ppb   |
| Sodium     | 23-2  | 25.78    | 20.19    | 21.55    | 22.51      | 12.95   | ppb   |
| Strontium  | 86-1  | 0.00     | -0.01    | -0.03    | -0.01      |         | ppb   |
| Strontium  | 88-1  | 0.00     | 0.00     | 0.00     | 0.00       | 557.18  | ppb   |
| Sulfur     | 34-1  | -1597.36 | -1758.68 | -1740.74 | -1698.93   |         | ppb   |
| Terbium    | 159-1 |          |          |          | 103        |         | %     |
| Terbium    | 159-2 |          |          |          | 98         |         | %     |
| Thallium   | 203-1 | 0.08     | 0.07     | 0.07     | 0.07       | 4.29    | ppb   |
| Thallium   | 205-1 | 0.07     | 0.06     | 0.07     | 0.07       | 14.89   | ppb   |
| Tin        | 118-1 | 0.02     | 0.01     | 0.01     | 0.01       | 43.87   | ppb   |
| Titanium   | 47-1  | 0.04     | -0.05    | -0.04    | -0.02      |         | ppb   |
| Uranium    | 238-1 | 0.00     | 0.00     | 0.00     | 0.00       |         | ppb   |
| Vanadium   | 51-2  | 0.00     | 0.00     | -0.01    | 0.00       |         | ppb   |
| Yttrium    | 89-1  |          |          |          | 98         |         | %     |
| Yttrium    | 89-2  |          |          |          | 91         |         | %     |
| Zinc       | 66-2  | 0.02     | 0.07     | 0.06     | 0.05       | 44.55   | ppb   |
| Zirconium  | 90-1  | 0.02     | 0.02     | 0.02     | 0.02       | 20.80   | ppb   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB92809             | Operator :        | Jaswal    |
| Lab Sample ID :         | CCB040              | Instrumnet Name : | P8        |
| Client Sample ID :      | CCB040              | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2018-01-22 19:19:26 | DataFile Name :   | 101CCBE.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|-----------|------|---------|---------|---------|------------|---------|-------|
| Zirconium | 91-1 | 0.04    | 0.05    | 0.02    | 0.04       | 37.89   | ppb   |

LB Number : LB92809 Operator : Jaswal  
 Lab Sample ID : S00 Instrumnet Name : P8  
 Client Sample ID : S00 Dilution Factor : 1  
 Date & Time Acquired :: 2018-01-22 13:36:39 DataFile Name : 003CALB.d

| Parameter  | Mass  | CPS1    | CPS2    | CPS3    | CPSMean | CPSRSD | Units |
|------------|-------|---------|---------|---------|---------|--------|-------|
| Aluminium  | 27-2  | 8       | 0       | 33      | 14      | 124.92 | cps   |
| Antimony   | 121-1 | 92      | 158     | 125     | 125     | 26.67  | cps   |
| Arsenic    | 75-2  | 2       | 4       | 2       | 2       | 43.30  | cps   |
| Barium     | 135-1 | 33      | 25      | 42      | 33      | 25.00  | cps   |
| Barium     | 137-1 | 50      | 17      | 33      | 33      | 50.00  | cps   |
| Beryllium  | 9-1   | 72      | 56      | 33      | 54      | 36.33  | cps   |
| Bismuth    | 209-1 | 4369546 | 4379437 | 4356110 | 4368364 | 0.27   | cps   |
| Bismuth    | 209-2 | 1014773 | 1029869 | 1034334 | 1026325 | 1.00   | cps   |
| Boron      | 10-1  | 200     | 150     | 200     | 183     | 15.75  | cps   |
| Boron      | 11-1  | 733     | 625     | 667     | 675     | 8.10   | cps   |
| Cadmium    | 111-1 | 663     | 733     | 745     | 714     | 6.25   | cps   |
| Cadmium    | 106-1 | 917     | 1033    | 1067    | 1006    | 7.83   | cps   |
| Cadmium    | 108-1 | 0       | 4       | 8       | 4       | 99.96  | cps   |
| Calcium    | 43-1  | 867     | 1075    | 892     | 945     | 12.05  | cps   |
| Calcium    | 44-1  | 13599   | 13482   | 13399   | 13493   | 0.75   | cps   |
| Chromium   | 52-2  | 187     | 170     | 187     | 181     | 5.31   | cps   |
| Cobalt     | 59-2  | 40      | 77      | 53      | 57      | 32.76  | cps   |
| Copper     | 63-2  | 123     | 93      | 130     | 116     | 16.90  | cps   |
| Dysprosium | 156-1 | 0       | 8       | 8       | 6       | 86.60  | cps   |
| Dysprosium | 156-2 | 0       | 0       | 0       | 0       | 0.00   | cps   |
| Erbium     | 164-1 | 17      | 0       | 25      | 14      | 91.65  | cps   |
| Erbium     | 164-2 | 0       | 0       | 3       | 1       | 173.21 | cps   |
| Gadolinium | 160-1 | 50      | 25      | 75      | 50      | 50.00  | cps   |
| Gadolinium | 160-2 | 7       | 3       | 0       | 3       | 100.05 | cps   |
| Holmium    | 165-1 | 6309972 | 6319923 | 6388650 | 6339515 | 0.68   | cps   |
| Holmium    | 165-2 | 1236134 | 1252230 | 1261701 | 1250022 | 1.03   | cps   |
| Indium     | 115-1 | 5045574 | 5047324 | 5042526 | 5045141 | 0.05   | cps   |
| Indium     | 115-2 | 199942  | 200611  | 203231  | 201262  | 0.86   | cps   |
| Iron       | 56-2  | 1361    | 1422    | 1311    | 1365    | 4.08   | cps   |
| Iron       | 57-2  | 22      | 33      | 39      | 31      | 26.96  | cps   |
| Lead       | 206-1 | 244     | 189     | 278     | 237     | 18.94  | cps   |
| Lead       | 207-1 | 261     | 261     | 189     | 237     | 17.59  | cps   |
| Lead       | 208-1 | 1022    | 1011    | 1039    | 1024    | 1.37   | cps   |
| Lithium    | 6-1   | 818041  | 818048  | 825700  | 820596  | 0.54   | cps   |
| Magnesium  | 24-2  | 550     | 475     | 450     | 492     | 10.59  | cps   |
| Manganese  | 55-2  | 30      | 7       | 20      | 19      | 61.96  | cps   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB92809             | Operator :        | Jaswal    |
| Lab Sample ID :         | S00                 | Instrumnet Name : | P8        |
| Client Sample ID :      | S00                 | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2018-01-22 13:36:39 | DataFile Name :   | 003CALB.d |

| Parameter  | Mass  | CPS1    | CPS2    | CPS3    | CPSMean | CPSRSD  | Units |
|------------|-------|---------|---------|---------|---------|---------|-------|
| Molybdenum | 94-1  | 142     | 158     | 100     | 133     | 22.53   | cps   |
| Molybdenum | 95-1  | 50      | 67      | 58      | 58      | 14.29   | cps   |
| Molybdenum | 96-1  | 75      | 67      | 58      | 67      | 12.49   | cps   |
| Molybdenum | 97-1  | 33      | 42      | 42      | 39      | 12.38   | cps   |
| Molybdenum | 98-1  | 83      | 158     | 167     | 136     | 33.72   | cps   |
| Neodymium  | 150-1 | 7       | 13      | 13      | 11      | 34.61   | cps   |
| Neodymium  | 150-2 | 0       | 0       | 0       | 0       | 0.00    | cps   |
| Nickel     | 60-2  | 847     | 957     | 890     | 898     | 6.17    | cps   |
| Phosphorus | 31-2  | 0       | 0       | 0       | 0       | 0.00    | cps   |
| Potassium  | 39-2  | 2050    | 1950    | 1917    | 1972    | 3.52    | cps   |
| Rhodium    | 103-1 | 4672696 | 4699261 | 4644265 | 4672074 | 0.59    | cps   |
| Rhodium    | 103-2 | 1141819 | 1153834 | 1166795 | 1154150 | 1.08    | cps   |
| Scandium   | 45-1  | 2682378 | 2685813 | 2682174 | 2683455 | 0.08    | cps   |
| Scandium   | 45-2  | 19507   | 19948   | 20135   | 19863   | 1.62    | cps   |
| Selenium   | 77-2  | 0       | 0       | 0       | 0       | 0.00    | cps   |
| Selenium   | 78-2  | 2       | 0       | 2       | 1       | 86.60   | cps   |
| Selenium   | 82-1  | 6       | -24     | -42     | -20     | -120.56 | cps   |
| Silicon    | 28-1  | 342631  | 339771  | 341688  | 341363  | 0.43    | cps   |
| Silver     | 109-1 | 42      | 42      | 50      | 44      | 10.82   | cps   |
| Silver     | 107-1 | 83      | 75      | 33      | 64      | 41.93   | cps   |
| Sodium     | 23-2  | 5510    | 5451    | 5360    | 5440    | 1.39    | cps   |
| Strontium  | 86-1  | 383     | 392     | 467     | 414     | 11.09   | cps   |
| Strontium  | 88-1  | 75      | 75      | 67      | 72      | 6.66    | cps   |
| Sulfur     | 34-1  | 328087  | 330805  | 327601  | 328831  | 0.53    | cps   |
| Terbium    | 159-1 | 6460762 | 6545871 | 6577878 | 6528170 | 0.93    | cps   |
| Terbium    | 159-2 | 1188272 | 1198239 | 1208189 | 1198234 | 0.83    | cps   |
| Thallium   | 203-1 | 108     | 125     | 183     | 139     | 28.35   | cps   |
| Thallium   | 205-1 | 383     | 250     | 342     | 325     | 20.99   | cps   |
| Tin        | 118-1 | 500     | 483     | 550     | 511     | 6.79    | cps   |
| Titanium   | 47-1  | 83      | 150     | 83      | 106     | 36.46   | cps   |
| Uranium    | 238-1 | 142     | 92      | 100     | 111     | 24.11   | cps   |
| Vanadium   | 51-2  | 0       | 7       | 3       | 3       | 100.05  | cps   |
| Yttrium    | 89-1  | 5203063 | 5153675 | 5147426 | 5168055 | 0.59    | cps   |
| Yttrium    | 89-2  | 144289  | 145512  | 146476  | 145426  | 0.75    | cps   |
| Zinc       | 66-2  | 17      | 10      | 13      | 13      | 25.01   | cps   |
| Zirconium  | 90-1  | 150     | 250     | 375     | 258     | 43.64   | cps   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB92809             | Operator :        | Jaswal    |
| Lab Sample ID :         | S00                 | Instrumnet Name : | P8        |
| Client Sample ID :      | S00                 | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2018-01-22 13:36:39 | DataFile Name :   | 003CALB.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|-----------|------|------|------|------|---------|--------|-------|
| Zirconium | 91-1 | 67   | 67   | 33   | 56      | 34.65  | cps   |

|                         |                     |                   |            |
|-------------------------|---------------------|-------------------|------------|
| LB Number :             | LB92809             | Operator :        | Jaswal     |
| Lab Sample ID :         | S02                 | Instrumnet Name : | P8         |
| Client Sample ID :      | S02                 | Dilution Factor : | 1          |
| Date & Time Acquired :: | 2018-01-22 13:43:43 | DataFile Name :   | 005CAL.S.d |

| Parameter  | Mass  | CPS1    | CPS2    | CPS3    | CPSMean | CPSRSD | Units |
|------------|-------|---------|---------|---------|---------|--------|-------|
| Aluminium  | 27-2  | 83      | 83      | 92      | 86      | 5.58   | cps   |
| Antimony   | 121-1 | 14325   | 13733   | 13858   | 13972   | 2.23   | cps   |
| Arsenic    | 75-2  | 70      | 74      | 70      | 72      | 2.99   | cps   |
| Barium     | 135-1 | 14867   | 14642   | 14725   | 14745   | 0.77   | cps   |
| Barium     | 137-1 | 26260   | 24949   | 25684   | 25631   | 2.56   | cps   |
| Beryllium  | 9-1   | 1028    | 839     | 906     | 924     | 10.37  | cps   |
| Bismuth    | 209-1 | 4431621 | 4359183 | 4362296 | 4384367 | 0.93   | cps   |
| Bismuth    | 209-2 | 1036632 | 1034383 | 1033507 | 1034841 | 0.16   | cps   |
| Boron      | 10-1  | 2067    | 2042    | 2492    | 2200    | 11.50  | cps   |
| Boron      | 11-1  | 10229   | 10096   | 10771   | 10365   | 3.45   | cps   |
| Cadmium    | 111-1 | 2192    | 2141    | 2201    | 2178    | 1.49   | cps   |
| Cadmium    | 106-1 | 1175    | 1200    | 1133    | 1170    | 2.88   | cps   |
| Cadmium    | 108-1 | 79      | 142     | 96      | 106     | 30.66  | cps   |
| Calcium    | 43-1  | 7978    | 7444    | 7119    | 7513    | 5.77   | cps   |
| Calcium    | 44-1  | 126044  | 125869  | 123136  | 125016  | 1.30   | cps   |
| Chromium   | 52-2  | 1290    | 1363    | 1320    | 1325    | 2.78   | cps   |
| Cobalt     | 59-2  | 1333    | 1347    | 1333    | 1338    | 0.58   | cps   |
| Copper     | 63-2  | 2274    | 2250    | 2340    | 2288    | 2.04   | cps   |
| Dysprosium | 156-1 | 25      | 0       | 8       | 11      | 114.58 | cps   |
| Dysprosium | 156-2 | 0       | 0       | 0       | 0       | 0.00   | cps   |
| Erbium     | 164-1 | 33      | 58      | 17      | 36      | 58.08  | cps   |
| Erbium     | 164-2 | 0       | 7       | 13      | 7       | 99.98  | cps   |
| Gadolinium | 160-1 | 58      | 42      | 58      | 53      | 18.23  | cps   |
| Gadolinium | 160-2 | 7       | 3       | 3       | 4       | 43.40  | cps   |
| Holmium    | 165-1 | 6403913 | 6422530 | 6262752 | 6363065 | 1.37   | cps   |
| Holmium    | 165-2 | 1253928 | 1260464 | 1251444 | 1255279 | 0.37   | cps   |
| Indium     | 115-1 | 5080012 | 5025948 | 4975774 | 5027245 | 1.04   | cps   |
| Indium     | 115-2 | 202954  | 202663  | 201418  | 202345  | 0.40   | cps   |
| Iron       | 56-2  | 20260   | 20299   | 20649   | 20402   | 1.05   | cps   |
| Iron       | 57-2  | 544     | 500     | 400     | 482     | 15.37  | cps   |
| Lead       | 206-1 | 5318    | 5123    | 4884    | 5109    | 4.25   | cps   |
| Lead       | 207-1 | 4801    | 4451    | 4484    | 4579    | 4.22   | cps   |
| Lead       | 208-1 | 21091   | 20902   | 20596   | 20863   | 1.20   | cps   |
| Lithium    | 6-1   | 831302  | 824364  | 819812  | 825159  | 0.70   | cps   |
| Magnesium  | 24-2  | 9654    | 10338   | 10513   | 10168   | 4.46   | cps   |
| Manganese  | 55-2  | 147     | 170     | 227     | 181     | 22.72  | cps   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB92809             | Operator :        | Jaswal    |
| Lab Sample ID :         | S02                 | Instrumnet Name : | P8        |
| Client Sample ID :      | S02                 | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2018-01-22 13:43:43 | DataFile Name :   | 005CALS.d |

| Parameter  | Mass  | CPS1    | CPS2    | CPS3    | CPSMean | CPSRSD | Units |
|------------|-------|---------|---------|---------|---------|--------|-------|
| Molybdenum | 94-1  | 12189   | 11839   | 12123   | 12050   | 1.54   | cps   |
| Molybdenum | 95-1  | 14617   | 14500   | 14600   | 14572   | 0.43   | cps   |
| Molybdenum | 96-1  | 16194   | 16244   | 15326   | 15921   | 3.24   | cps   |
| Molybdenum | 97-1  | 8536    | 8736    | 8962    | 8745    | 2.43   | cps   |
| Molybdenum | 98-1  | 22277   | 22277   | 22553   | 22369   | 0.71   | cps   |
| Neodymium  | 150-1 | 13      | 0       | 13      | 9       | 86.60  | cps   |
| Neodymium  | 150-2 | 0       | 0       | 0       | 0       | 0.00   | cps   |
| Nickel     | 60-2  | 1280    | 1303    | 1270    | 1285    | 1.33   | cps   |
| Phosphorus | 31-2  | 0       | 8       | 0       | 3       | 173.21 | cps   |
| Potassium  | 39-2  | 7419    | 7085    | 6794    | 7099    | 4.41   | cps   |
| Rhodium    | 103-1 | 4675325 | 4680496 | 4623966 | 4659929 | 0.67   | cps   |
| Rhodium    | 103-2 | 1155107 | 1162038 | 1156313 | 1157819 | 0.32   | cps   |
| Scandium   | 45-1  | 2720826 | 2709398 | 2657059 | 2695761 | 1.26   | cps   |
| Scandium   | 45-2  | 19614   | 20061   | 19581   | 19752   | 1.36   | cps   |
| Selenium   | 77-2  | 3       | 17      | 0       | 7       | 132.33 | cps   |
| Selenium   | 78-2  | 9       | 9       | 11      | 10      | 10.81  | cps   |
| Selenium   | 82-1  | 446     | 452     | 374     | 424     | 10.18  | cps   |
| Silicon    | 28-1  | 382622  | 386536  | 383121  | 384093  | 0.55   | cps   |
| Silver     | 109-1 | 6960    | 7152    | 6810    | 6974    | 2.46   | cps   |
| Silver     | 107-1 | 7402    | 7344    | 6877    | 7208    | 3.99   | cps   |
| Sodium     | 23-2  | 27828   | 27619   | 27436   | 27628   | 0.71   | cps   |
| Strontium  | 86-1  | 2259    | 2434    | 2200    | 2298    | 5.29   | cps   |
| Strontium  | 88-1  | 16844   | 15351   | 16494   | 16230   | 4.81   | cps   |
| Sulfur     | 34-1  | 330823  | 324993  | 328045  | 327954  | 0.89   | cps   |
| Terbium    | 159-1 | 6522771 | 6529576 | 6445520 | 6499289 | 0.72   | cps   |
| Terbium    | 159-2 | 1203594 | 1202164 | 1206861 | 1204207 | 0.20   | cps   |
| Thallium   | 203-1 | 6310    | 5793    | 6160    | 6088    | 4.37   | cps   |
| Thallium   | 205-1 | 14200   | 14667   | 14150   | 14339   | 1.99   | cps   |
| Tin        | 118-1 | 24256   | 24231   | 23613   | 24034   | 1.52   | cps   |
| Titanium   | 47-1  | 3284    | 3326    | 3934    | 3514    | 10.36  | cps   |
| Uranium    | 238-1 | 20760   | 18364   | 19040   | 19388   | 6.37   | cps   |
| Vanadium   | 51-2  | 2074    | 2107    | 2007    | 2062    | 2.47   | cps   |
| Yttrium    | 89-1  | 5149445 | 5228459 | 5059051 | 5145652 | 1.65   | cps   |
| Yttrium    | 89-2  | 146428  | 146232  | 145350  | 146004  | 0.39   | cps   |
| Zinc       | 66-2  | 233     | 200     | 193     | 209     | 10.26  | cps   |
| Zirconium  | 90-1  | 10246   | 9812    | 9996    | 10018   | 2.17   | cps   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB92809             | Operator :        | Jaswal    |
| Lab Sample ID :         | S02                 | Instrumnet Name : | P8        |
| Client Sample ID :      | S02                 | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2018-01-22 13:43:43 | DataFile Name :   | 005CALS.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|-----------|------|------|------|------|---------|--------|-------|
| Zirconium | 91-1 | 2400 | 2275 | 2234 | 2303    | 3.77   | cps   |



LB Number : LB92809 Operator : Jaswal  
 Lab Sample ID : S03 Instrumnet Name : P8  
 Client Sample ID : S03 Dilution Factor : 1  
 Date & Time Acquired :: 2018-01-22 13:47:14 DataFile Name : 006CAL.S.d

| Parameter  | Mass  | CPS1    | CPS2    | CPS3    | CPSMean | CPSRSD | Units |
|------------|-------|---------|---------|---------|---------|--------|-------|
| Aluminium  | 27-2  | 4418    | 4301    | 4343    | 4354    | 1.36   | cps   |
| Antimony   | 121-1 | 378351  | 376655  | 377810  | 377605  | 0.23   | cps   |
| Arsenic    | 75-2  | 3780    | 3649    | 3643    | 3691    | 2.10   | cps   |
| Barium     | 135-1 | 404779  | 402911  | 406173  | 404621  | 0.40   | cps   |
| Barium     | 137-1 | 706794  | 710084  | 713616  | 710164  | 0.48   | cps   |
| Beryllium  | 9-1   | 44017   | 44909   | 43666   | 44198   | 1.45   | cps   |
| Bismuth    | 209-1 | 4436175 | 4408315 | 4487828 | 4444106 | 0.91   | cps   |
| Bismuth    | 209-2 | 1041113 | 1035508 | 1023753 | 1033458 | 0.86   | cps   |
| Boron      | 10-1  | 4518    | 4559    | 4968    | 4682    | 5.31   | cps   |
| Boron      | 11-1  | 22544   | 22502   | 23286   | 22777   | 1.94   | cps   |
| Cadmium    | 111-1 | 81678   | 81244   | 80518   | 81147   | 0.72   | cps   |
| Cadmium    | 106-1 | 9537    | 9587    | 9637    | 9587    | 0.52   | cps   |
| Cadmium    | 108-1 | 5718    | 5756    | 5943    | 5806    | 2.08   | cps   |
| Calcium    | 43-1  | 76903   | 77472   | 78368   | 77581   | 0.95   | cps   |
| Calcium    | 44-1  | 1276554 | 1261330 | 1249758 | 1262547 | 1.06   | cps   |
| Chromium   | 52-2  | 29725   | 29271   | 29678   | 29558   | 0.85   | cps   |
| Cobalt     | 59-2  | 66514   | 64633   | 64716   | 65288   | 1.63   | cps   |
| Copper     | 63-2  | 115034  | 113219  | 113455  | 113903  | 0.87   | cps   |
| Dysprosium | 156-1 | 8       | 8       | 8       | 8       | 0.00   | cps   |
| Dysprosium | 156-2 | 3       | 3       | 0       | 2       | 86.60  | cps   |
| Erbium     | 164-1 | 33      | 33      | 25      | 31      | 15.74  | cps   |
| Erbium     | 164-2 | 3       | 3       | 0       | 2       | 86.60  | cps   |
| Gadolinium | 160-1 | 25      | 8       | 83      | 39      | 101.28 | cps   |
| Gadolinium | 160-2 | 3       | 7       | 3       | 4       | 43.40  | cps   |
| Holmium    | 165-1 | 6510686 | 6364435 | 6484425 | 6453182 | 1.21   | cps   |
| Holmium    | 165-2 | 1269353 | 1266679 | 1255349 | 1263794 | 0.59   | cps   |
| Indium     | 115-1 | 5087336 | 5069308 | 5098037 | 5084894 | 0.29   | cps   |
| Indium     | 115-2 | 202589  | 198926  | 198479  | 199998  | 1.13   | cps   |
| Iron       | 56-2  | 1007751 | 995097  | 998784  | 1000544 | 0.65   | cps   |
| Iron       | 57-2  | 24962   | 25156   | 24756   | 24958   | 0.80   | cps   |
| Lead       | 206-1 | 262413  | 263333  | 259445  | 261731  | 0.78   | cps   |
| Lead       | 207-1 | 234415  | 239456  | 236156  | 236676  | 1.08   | cps   |
| Lead       | 208-1 | 1064568 | 1066204 | 1064773 | 1065182 | 0.08   | cps   |
| Lithium    | 6-1   | 830299  | 831976  | 840350  | 834208  | 0.65   | cps   |
| Magnesium  | 24-2  | 104281  | 103450  | 103131  | 103620  | 0.57   | cps   |
| Manganese  | 55-2  | 17174   | 16904   | 16630   | 16903   | 1.61   | cps   |

|                         |                     |                   |            |
|-------------------------|---------------------|-------------------|------------|
| LB Number :             | LB92809             | Operator :        | Jaswal     |
| Lab Sample ID :         | S03                 | Instrumnet Name : | P8         |
| Client Sample ID :      | S03                 | Dilution Factor : | 1          |
| Date & Time Acquired :: | 2018-01-22 13:47:14 | DataFile Name :   | 006CAL.S.d |

| Parameter  | Mass  | CPS1    | CPS2    | CPS3    | CPSMean | CPSRSD | Units |
|------------|-------|---------|---------|---------|---------|--------|-------|
| Molybdenum | 94-1  | 636820  | 637350  | 633339  | 635836  | 0.34   | cps   |
| Molybdenum | 95-1  | 773231  | 775329  | 765085  | 771215  | 0.70   | cps   |
| Molybdenum | 96-1  | 853090  | 865973  | 860591  | 859884  | 0.75   | cps   |
| Molybdenum | 97-1  | 482914  | 484596  | 479407  | 482306  | 0.55   | cps   |
| Molybdenum | 98-1  | 1236699 | 1245834 | 1241879 | 1241471 | 0.37   | cps   |
| Neodymium  | 150-1 | 7       | 27      | 47      | 27      | 74.99  | cps   |
| Neodymium  | 150-2 | 0       | 0       | 0       | 0       | 0.00   | cps   |
| Nickel     | 60-2  | 19818   | 19968   | 19975   | 19920   | 0.45   | cps   |
| Phosphorus | 31-2  | 300     | 258     | 267     | 275     | 8.02   | cps   |
| Potassium  | 39-2  | 30442   | 31670   | 29774   | 30629   | 3.14   | cps   |
| Rhodium    | 103-1 | 4663711 | 4642168 | 4701708 | 4669196 | 0.65   | cps   |
| Rhodium    | 103-2 | 1161459 | 1150052 | 1147397 | 1152969 | 0.65   | cps   |
| Scandium   | 45-1  | 2687695 | 2707031 | 2703900 | 2699542 | 0.38   | cps   |
| Scandium   | 45-2  | 19871   | 19163   | 19193   | 19409   | 2.06   | cps   |
| Selenium   | 77-2  | 7       | 23      | 37      | 22      | 67.63  | cps   |
| Selenium   | 78-2  | 72      | 72      | 65      | 70      | 6.13   | cps   |
| Selenium   | 82-1  | 4942    | 4929    | 4887    | 4919    | 0.58   | cps   |
| Silicon    | 28-1  | 509283  | 507956  | 507498  | 508245  | 0.18   | cps   |
| Silver     | 109-1 | 380962  | 377488  | 374696  | 377715  | 0.83   | cps   |
| Silver     | 107-1 | 395417  | 391878  | 394135  | 393810  | 0.46   | cps   |
| Sodium     | 23-2  | 245753  | 241534  | 242759  | 243349  | 0.89   | cps   |
| Strontium  | 86-1  | 102642  | 98453   | 100627  | 100574  | 2.08   | cps   |
| Strontium  | 88-1  | 875458  | 869798  | 866962  | 870740  | 0.50   | cps   |
| Sulfur     | 34-1  | 350142  | 349381  | 344181  | 347901  | 0.93   | cps   |
| Terbium    | 159-1 | 6598789 | 6545813 | 6596577 | 6580393 | 0.46   | cps   |
| Terbium    | 159-2 | 1217738 | 1217480 | 1195908 | 1210375 | 1.04   | cps   |
| Thallium   | 203-1 | 318952  | 323376  | 320148  | 320825  | 0.71   | cps   |
| Thallium   | 205-1 | 763427  | 772136  | 767778  | 767780  | 0.57   | cps   |
| Tin        | 118-1 | 261133  | 263343  | 262710  | 262395  | 0.43   | cps   |
| Titanium   | 47-1  | 186788  | 191036  | 189177  | 189000  | 1.13   | cps   |
| Uranium    | 238-1 | 1071768 | 1080494 | 1074056 | 1075439 | 0.42   | cps   |
| Vanadium   | 51-2  | 22318   | 22211   | 21367   | 21965   | 2.37   | cps   |
| Yttrium    | 89-1  | 5263460 | 5216526 | 5267339 | 5249108 | 0.54   | cps   |
| Yttrium    | 89-2  | 145953  | 144892  | 143276  | 144707  | 0.93   | cps   |
| Zinc       | 66-2  | 10327   | 10064   | 10024   | 10138   | 1.63   | cps   |
| Zirconium  | 90-1  | 535437  | 537296  | 535018  | 535917  | 0.23   | cps   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB92809             | Operator :        | Jaswal    |
| Lab Sample ID :         | S03                 | Instrumnet Name : | P8        |
| Client Sample ID :      | S03                 | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2018-01-22 13:47:14 | DataFile Name :   | 006CALS.d |

| Parameter | Mass | CPS1   | CPS2   | CPS3   | CPSMean | CPSRSD | Units |
|-----------|------|--------|--------|--------|---------|--------|-------|
| Zirconium | 91-1 | 118074 | 118993 | 118832 | 118633  | 0.41   | cps   |

|                         |                     |                   |            |
|-------------------------|---------------------|-------------------|------------|
| LB Number :             | LB92809             | Operator :        | Jaswal     |
| Lab Sample ID :         | S04                 | Instrumnet Name : | P8         |
| Client Sample ID :      | S04                 | Dilution Factor : | 1          |
| Date & Time Acquired :: | 2018-01-22 13:50:45 | DataFile Name :   | 007CAL.S.d |

| Parameter  | Mass  | CPS1    | CPS2    | CPS3    | CPSMean | CPSRSD | Units |
|------------|-------|---------|---------|---------|---------|--------|-------|
| Aluminium  | 27-2  | 10162   | 10279   | 10029   | 10157   | 1.23   | cps   |
| Antimony   | 121-1 | 953032  | 946285  | 941174  | 946830  | 0.63   | cps   |
| Arsenic    | 75-2  | 9035    | 8997    | 9098    | 9043    | 0.56   | cps   |
| Barium     | 135-1 | 1027185 | 1021255 | 1019320 | 1022586 | 0.40   | cps   |
| Barium     | 137-1 | 1817072 | 1806080 | 1808726 | 1810626 | 0.32   | cps   |
| Beryllium  | 9-1   | 107341  | 106289  | 107107  | 106912  | 0.52   | cps   |
| Bismuth    | 209-1 | 4465685 | 4468763 | 4446654 | 4460367 | 0.27   | cps   |
| Bismuth    | 209-2 | 1023792 | 1028222 | 1022752 | 1024922 | 0.28   | cps   |
| Boron      | 10-1  | 11880   | 11972   | 11680   | 11844   | 1.26   | cps   |
| Boron      | 11-1  | 54145   | 56111   | 56445   | 55567   | 2.24   | cps   |
| Cadmium    | 111-1 | 201767  | 199970  | 198840  | 200192  | 0.74   | cps   |
| Cadmium    | 106-1 | 21627   | 21059   | 21217   | 21301   | 1.37   | cps   |
| Cadmium    | 108-1 | 14153   | 14103   | 14032   | 14096   | 0.43   | cps   |
| Calcium    | 43-1  | 186220  | 189394  | 187106  | 187573  | 0.87   | cps   |
| Calcium    | 44-1  | 3051227 | 3079753 | 3066694 | 3065891 | 0.47   | cps   |
| Chromium   | 52-2  | 70376   | 72302   | 70423   | 71034   | 1.55   | cps   |
| Cobalt     | 59-2  | 160603  | 159969  | 159329  | 159967  | 0.40   | cps   |
| Copper     | 63-2  | 280221  | 280676  | 276360  | 279086  | 0.85   | cps   |
| Dysprosium | 156-1 | 0       | 50      | 8       | 19      | 137.78 | cps   |
| Dysprosium | 156-2 | 3       | 3       | 7       | 4       | 43.40  | cps   |
| Erbium     | 164-1 | 17      | 42      | 17      | 25      | 57.73  | cps   |
| Erbium     | 164-2 | 7       | 0       | 3       | 3       | 100.05 | cps   |
| Gadolinium | 160-1 | 58      | 8       | 42      | 36      | 70.51  | cps   |
| Gadolinium | 160-2 | 3       | 0       | 0       | 1       | 173.21 | cps   |
| Holmium    | 165-1 | 6527993 | 6455082 | 6489009 | 6490695 | 0.56   | cps   |
| Holmium    | 165-2 | 1268328 | 1262657 | 1254071 | 1261686 | 0.57   | cps   |
| Indium     | 115-1 | 5103192 | 5089252 | 5154555 | 5115666 | 0.67   | cps   |
| Indium     | 115-2 | 197736  | 198413  | 195088  | 197079  | 0.89   | cps   |
| Iron       | 56-2  | 2502999 | 2467645 | 2449165 | 2473270 | 1.11   | cps   |
| Iron       | 57-2  | 60782   | 61770   | 60303   | 60952   | 1.23   | cps   |
| Lead       | 206-1 | 657696  | 653654  | 660466  | 657272  | 0.52   | cps   |
| Lead       | 207-1 | 593217  | 596436  | 593579  | 594411  | 0.30   | cps   |
| Lead       | 208-1 | 2684547 | 2680338 | 2670923 | 2678603 | 0.26   | cps   |
| Lithium    | 6-1   | 828444  | 823876  | 820729  | 824350  | 0.47   | cps   |
| Magnesium  | 24-2  | 251212  | 249859  | 245579  | 248883  | 1.18   | cps   |
| Manganese  | 55-2  | 41465   | 41535   | 41057   | 41352   | 0.62   | cps   |

|                         |                     |                   |            |
|-------------------------|---------------------|-------------------|------------|
| LB Number :             | LB92809             | Operator :        | Jaswal     |
| Lab Sample ID :         | S04                 | Instrumnet Name : | P8         |
| Client Sample ID :      | S04                 | Dilution Factor : | 1          |
| Date & Time Acquired :: | 2018-01-22 13:50:45 | DataFile Name :   | 007CAL.S.d |

| Parameter  | Mass  | CPS1    | CPS2    | CPS3    | CPSMean | CPSRSD | Units |
|------------|-------|---------|---------|---------|---------|--------|-------|
| Molybdenum | 94-1  | 1607321 | 1597852 | 1602123 | 1602432 | 0.30   | cps   |
| Molybdenum | 95-1  | 1980808 | 1932544 | 1953291 | 1955548 | 1.24   | cps   |
| Molybdenum | 96-1  | 2202904 | 2176060 | 2214105 | 2197690 | 0.89   | cps   |
| Molybdenum | 97-1  | 1216437 | 1189880 | 1201846 | 1202721 | 1.11   | cps   |
| Molybdenum | 98-1  | 3144395 | 3117547 | 3159172 | 3140371 | 0.67   | cps   |
| Neodymium  | 150-1 | 47      | 93      | 80      | 73      | 32.78  | cps   |
| Neodymium  | 150-2 | 0       | 0       | 3       | 1       | 173.21 | cps   |
| Nickel     | 60-2  | 47019   | 47691   | 47454   | 47388   | 0.72   | cps   |
| Phosphorus | 31-2  | 758     | 675     | 658     | 697     | 7.68   | cps   |
| Potassium  | 39-2  | 69564   | 70879   | 69941   | 70128   | 0.97   | cps   |
| Rhodium    | 103-1 | 4611958 | 4578491 | 4633160 | 4607870 | 0.60   | cps   |
| Rhodium    | 103-2 | 1135857 | 1136565 | 1136263 | 1136228 | 0.03   | cps   |
| Scandium   | 45-1  | 2707463 | 2669268 | 2666705 | 2681145 | 0.85   | cps   |
| Scandium   | 45-2  | 19390   | 19033   | 18890   | 19104   | 1.35   | cps   |
| Selenium   | 77-2  | 43      | 47      | 57      | 49      | 14.20  | cps   |
| Selenium   | 78-2  | 176     | 217     | 204     | 199     | 10.47  | cps   |
| Selenium   | 82-1  | 11963   | 11873   | 11670   | 11836   | 1.27   | cps   |
| Silicon    | 28-1  | 766442  | 764134  | 763544  | 764707  | 0.20   | cps   |
| Silver     | 109-1 | 946526  | 942728  | 928251  | 939169  | 1.03   | cps   |
| Silver     | 107-1 | 980153  | 976230  | 974697  | 977027  | 0.29   | cps   |
| Sodium     | 23-2  | 583450  | 587144  | 580608  | 583734  | 0.56   | cps   |
| Strontium  | 86-1  | 246697  | 250567  | 247769  | 248344  | 0.80   | cps   |
| Strontium  | 88-1  | 2185036 | 2180098 | 2184524 | 2183219 | 0.12   | cps   |
| Sulfur     | 34-1  | 373608  | 371002  | 369953  | 371521  | 0.51   | cps   |
| Terbium    | 159-1 | 6681336 | 6753823 | 6620108 | 6685089 | 1.00   | cps   |
| Terbium    | 159-2 | 1201206 | 1217939 | 1204866 | 1208004 | 0.73   | cps   |
| Thallium   | 203-1 | 807357  | 798847  | 811803  | 806002  | 0.82   | cps   |
| Thallium   | 205-1 | 1975577 | 1966501 | 1964341 | 1968806 | 0.30   | cps   |
| Tin        | 118-1 | 657838  | 651996  | 655192  | 655009  | 0.45   | cps   |
| Titanium   | 47-1  | 464494  | 459380  | 460967  | 461613  | 0.57   | cps   |
| Uranium    | 238-1 | 2770199 | 2769499 | 2776113 | 2771937 | 0.13   | cps   |
| Vanadium   | 51-2  | 54235   | 54098   | 53542   | 53958   | 0.68   | cps   |
| Yttrium    | 89-1  | 5247351 | 5182087 | 5166561 | 5198666 | 0.82   | cps   |
| Yttrium    | 89-2  | 142612  | 143094  | 142909  | 142871  | 0.17   | cps   |
| Zinc       | 66-2  | 24325   | 24512   | 24428   | 24422   | 0.38   | cps   |
| Zirconium  | 90-1  | 1341986 | 1333010 | 1322979 | 1332658 | 0.71   | cps   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB92809             | Operator :        | Jaswal    |
| Lab Sample ID :         | S04                 | Instrumnet Name : | P8        |
| Client Sample ID :      | S04                 | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2018-01-22 13:50:45 | DataFile Name :   | 007CALS.d |

| Parameter | Mass | CPS1   | CPS2   | CPS3   | CPSMean | CPSRSD | Units |
|-----------|------|--------|--------|--------|---------|--------|-------|
| Zirconium | 91-1 | 294309 | 294847 | 298196 | 295784  | 0.71   | cps   |

|                         |                     |                   |            |
|-------------------------|---------------------|-------------------|------------|
| LB Number :             | LB92809             | Operator :        | Jaswal     |
| Lab Sample ID :         | S05                 | Instrumnet Name : | P8         |
| Client Sample ID :      | S05                 | Dilution Factor : | 1          |
| Date & Time Acquired :: | 2018-01-22 13:54:10 | DataFile Name :   | 008CAL.S.d |

| Parameter  | Mass  | CPS1    | CPS2    | CPS3    | CPSMean | CPSRSD | Units |
|------------|-------|---------|---------|---------|---------|--------|-------|
| Aluminium  | 27-2  | 19072   | 20298   | 19297   | 19556   | 3.34   | cps   |
| Antimony   | 121-1 | 1957059 | 1928152 | 1923085 | 1936099 | 0.95   | cps   |
| Arsenic    | 75-2  | 17517   | 17569   | 16909   | 17331   | 2.12   | cps   |
| Barium     | 135-1 | 2075248 | 2080969 | 2039521 | 2065246 | 1.09   | cps   |
| Barium     | 137-1 | 3574218 | 3577753 | 3568116 | 3573362 | 0.14   | cps   |
| Beryllium  | 9-1   | 207546  | 207535  | 207852  | 207644  | 0.09   | cps   |
| Bismuth    | 209-1 | 4559802 | 4461467 | 4514805 | 4512025 | 1.09   | cps   |
| Bismuth    | 209-2 | 932875  | 1022114 | 1014070 | 989686  | 4.99   | cps   |
| Boron      | 10-1  | 23053   | 23337   | 24163   | 23517   | 2.45   | cps   |
| Boron      | 11-1  | 108088  | 109449  | 109919  | 109152  | 0.87   | cps   |
| Cadmium    | 111-1 | 399169  | 398840  | 396389  | 398132  | 0.38   | cps   |
| Cadmium    | 106-1 | 42033   | 43296   | 41607   | 42312   | 2.08   | cps   |
| Cadmium    | 108-1 | 28188   | 27107   | 27992   | 27762   | 2.08   | cps   |
| Calcium    | 43-1  | 370193  | 372376  | 370097  | 370889  | 0.35   | cps   |
| Calcium    | 44-1  | 6004605 | 6022148 | 5973850 | 6000201 | 0.41   | cps   |
| Chromium   | 52-2  | 139335  | 137661  | 137403  | 138133  | 0.76   | cps   |
| Cobalt     | 59-2  | 311577  | 311050  | 306919  | 309849  | 0.82   | cps   |
| Copper     | 63-2  | 540453  | 542400  | 539580  | 540811  | 0.27   | cps   |
| Dysprosium | 156-1 | 33      | 75      | 50      | 53      | 39.74  | cps   |
| Dysprosium | 156-2 | 0       | 3       | 7       | 3       | 100.05 | cps   |
| Erbium     | 164-1 | 33      | 33      | 8       | 25      | 57.74  | cps   |
| Erbium     | 164-2 | 7       | 7       | 0       | 4       | 86.60  | cps   |
| Gadolinium | 160-1 | 42      | 67      | 67      | 58      | 24.74  | cps   |
| Gadolinium | 160-2 | 0       | 7       | 0       | 2       | 173.21 | cps   |
| Holmium    | 165-1 | 6595954 | 6609385 | 6519629 | 6574989 | 0.74   | cps   |
| Holmium    | 165-2 | 1149129 | 1250717 | 1259166 | 1219670 | 5.02   | cps   |
| Indium     | 115-1 | 5114764 | 5114859 | 5052879 | 5094167 | 0.70   | cps   |
| Indium     | 115-2 | 175209  | 192515  | 194628  | 187451  | 5.68   | cps   |
| Iron       | 56-2  | 4751952 | 4765894 | 4659793 | 4725880 | 1.22   | cps   |
| Iron       | 57-2  | 118247  | 118577  | 118085  | 118303  | 0.21   | cps   |
| Lead       | 206-1 | 1323113 | 1316605 | 1310172 | 1316630 | 0.49   | cps   |
| Lead       | 207-1 | 1203668 | 1193142 | 1188048 | 1194953 | 0.67   | cps   |
| Lead       | 208-1 | 5447936 | 5477871 | 5450588 | 5458799 | 0.30   | cps   |
| Lithium    | 6-1   | 812886  | 817770  | 810738  | 813798  | 0.44   | cps   |
| Magnesium  | 24-2  | 475559  | 478649  | 474207  | 476138  | 0.48   | cps   |
| Manganese  | 55-2  | 80118   | 80483   | 79257   | 79953   | 0.79   | cps   |

|                         |                     |                   |            |
|-------------------------|---------------------|-------------------|------------|
| LB Number :             | LB92809             | Operator :        | Jaswal     |
| Lab Sample ID :         | S05                 | Instrumnet Name : | P8         |
| Client Sample ID :      | S05                 | Dilution Factor : | 1          |
| Date & Time Acquired :: | 2018-01-22 13:54:10 | DataFile Name :   | 008CAL.S.d |

| Parameter  | Mass  | CPS1    | CPS2    | CPS3    | CPSMean | CPSRSD | Units |
|------------|-------|---------|---------|---------|---------|--------|-------|
| Molybdenum | 94-1  | 3204095 | 3194272 | 3145654 | 3181340 | 0.98   | cps   |
| Molybdenum | 95-1  | 3879775 | 3884748 | 3843765 | 3869429 | 0.58   | cps   |
| Molybdenum | 96-1  | 4373153 | 4367587 | 4320053 | 4353598 | 0.67   | cps   |
| Molybdenum | 97-1  | 2525737 | 2477488 | 2510311 | 2504512 | 0.98   | cps   |
| Molybdenum | 98-1  | 6196413 | 6228656 | 6175187 | 6200085 | 0.43   | cps   |
| Neodymium  | 150-1 | 73      | 107     | 100     | 93      | 18.89  | cps   |
| Neodymium  | 150-2 | 3       | 7       | 7       | 6       | 34.70  | cps   |
| Nickel     | 60-2  | 91616   | 90606   | 90850   | 91024   | 0.58   | cps   |
| Phosphorus | 31-2  | 1292    | 1433    | 1233    | 1320    | 7.80   | cps   |
| Potassium  | 39-2  | 134881  | 135422  | 132871  | 134391  | 1.00   | cps   |
| Rhodium    | 103-1 | 4601627 | 4591398 | 4566091 | 4586372 | 0.40   | cps   |
| Rhodium    | 103-2 | 1018846 | 1118061 | 1118813 | 1085240 | 5.30   | cps   |
| Scandium   | 45-1  | 2670040 | 2629638 | 2661496 | 2653725 | 0.80   | cps   |
| Scandium   | 45-2  | 16864   | 18779   | 18549   | 18064   | 5.79   | cps   |
| Selenium   | 77-2  | 120     | 103     | 110     | 111     | 7.55   | cps   |
| Selenium   | 78-2  | 428     | 404     | 404     | 412     | 3.38   | cps   |
| Selenium   | 82-1  | 23746   | 23907   | 23577   | 23744   | 0.70   | cps   |
| Silicon    | 28-1  | 1085566 | 1090769 | 1078296 | 1084877 | 0.58   | cps   |
| Silver     | 109-1 | 1908790 | 1909178 | 1924969 | 1914312 | 0.48   | cps   |
| Silver     | 107-1 | 1966092 | 1993545 | 1975753 | 1978463 | 0.70   | cps   |
| Sodium     | 23-2  | 1154750 | 1143586 | 1132570 | 1143635 | 0.97   | cps   |
| Strontium  | 86-1  | 493826  | 493923  | 495983  | 494577  | 0.25   | cps   |
| Strontium  | 88-1  | 4350999 | 4325073 | 4350575 | 4342215 | 0.34   | cps   |
| Sulfur     | 34-1  | 413723  | 412156  | 411417  | 412432  | 0.29   | cps   |
| Terbium    | 159-1 | 6789179 | 6718031 | 6670659 | 6725956 | 0.89   | cps   |
| Terbium    | 159-2 | 1093890 | 1203420 | 1202341 | 1166550 | 5.39   | cps   |
| Thallium   | 203-1 | 1626431 | 1639271 | 1621792 | 1629165 | 0.56   | cps   |
| Thallium   | 205-1 | 3944923 | 3950181 | 3918030 | 3937711 | 0.44   | cps   |
| Tin        | 118-1 | 1323167 | 1306411 | 1304374 | 1311317 | 0.79   | cps   |
| Titanium   | 47-1  | 922609  | 918831  | 917345  | 919595  | 0.30   | cps   |
| Uranium    | 238-1 | 5590279 | 5499888 | 5511038 | 5533735 | 0.89   | cps   |
| Vanadium   | 51-2  | 104422  | 104288  | 102565  | 103758  | 1.00   | cps   |
| Yttrium    | 89-1  | 5187141 | 5216782 | 5177616 | 5193846 | 0.39   | cps   |
| Yttrium    | 89-2  | 127103  | 139346  | 140497  | 135649  | 5.47   | cps   |
| Zinc       | 66-2  | 47394   | 46956   | 47026   | 47125   | 0.50   | cps   |
| Zirconium  | 90-1  | 2697752 | 2697169 | 2693478 | 2696133 | 0.09   | cps   |



|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB92809             | Operator :        | Jaswal    |
| Lab Sample ID :         | S05                 | Instrumnet Name : | P8        |
| Client Sample ID :      | S05                 | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2018-01-22 13:54:10 | DataFile Name :   | 008CALS.d |

| Parameter | Mass | CPS1   | CPS2   | CPS3   | CPSMean | CPSRSD | Units |
|-----------|------|--------|--------|--------|---------|--------|-------|
| Zirconium | 91-1 | 590969 | 589966 | 583245 | 588060  | 0.71   | cps   |

LB Number : LB92809 Operator : Jaswal  
 Lab Sample ID : S06 Instrumnet Name : P8  
 Client Sample ID : S06 Dilution Factor : 1  
 Date & Time Acquired :: 2018-01-22 13:57:30 DataFile Name : 009CAL.S.d

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|------------|-------|----------|----------|----------|----------|--------|-------|
| Aluminium  | 27-2  | 37024    | 36489    | 36832    | 36782    | 0.74   | cps   |
| Antimony   | 121-1 | 3829333  | 3761449  | 3788326  | 3793036  | 0.90   | cps   |
| Arsenic    | 75-2  | 32954    | 32863    | 32791    | 32869    | 0.25   | cps   |
| Barium     | 135-1 | 4070907  | 4074683  | 4037959  | 4061183  | 0.50   | cps   |
| Barium     | 137-1 | 7061395  | 7008664  | 6984907  | 7018322  | 0.56   | cps   |
| Beryllium  | 9-1   | 399969   | 395003   | 393456   | 396143   | 0.86   | cps   |
| Bismuth    | 209-1 | 4490187  | 4444238  | 4517675  | 4484033  | 0.83   | cps   |
| Bismuth    | 209-2 | 999465   | 1002852  | 993832   | 998716   | 0.46   | cps   |
| Boron      | 10-1  | 44963    | 44244    | 46000    | 45069    | 1.96   | cps   |
| Boron      | 11-1  | 208113   | 211866   | 216418   | 212132   | 1.96   | cps   |
| Cadmium    | 111-1 | 782959   | 784392   | 778564   | 781972   | 0.39   | cps   |
| Cadmium    | 106-1 | 82653    | 81479    | 82242    | 82125    | 0.73   | cps   |
| Cadmium    | 108-1 | 55652    | 56476    | 55510    | 55879    | 0.93   | cps   |
| Calcium    | 43-1  | 715953   | 718913   | 716343   | 717070   | 0.22   | cps   |
| Calcium    | 44-1  | 11614272 | 11575229 | 11621197 | 11603566 | 0.21   | cps   |
| Chromium   | 52-2  | 259207   | 260323   | 259817   | 259783   | 0.22   | cps   |
| Cobalt     | 59-2  | 582793   | 574712   | 577098   | 578201   | 0.72   | cps   |
| Copper     | 63-2  | 1020991  | 1006519  | 1009615  | 1012375  | 0.75   | cps   |
| Dysprosium | 156-1 | 67       | 58       | 58       | 61       | 7.87   | cps   |
| Dysprosium | 156-2 | 10       | 3        | 10       | 8        | 49.52  | cps   |
| Erbium     | 164-1 | 42       | 33       | 17       | 31       | 41.66  | cps   |
| Erbium     | 164-2 | 0        | 3        | 10       | 4        | 114.60 | cps   |
| Gadolinium | 160-1 | 58       | 67       | 50       | 58       | 14.29  | cps   |
| Gadolinium | 160-2 | 7        | 3        | 3        | 4        | 43.40  | cps   |
| Holmium    | 165-1 | 6633531  | 6496524  | 6451120  | 6527059  | 1.45   | cps   |
| Holmium    | 165-2 | 1241861  | 1238213  | 1230713  | 1236929  | 0.46   | cps   |
| Indium     | 115-1 | 4994519  | 4971253  | 4937225  | 4967665  | 0.58   | cps   |
| Indium     | 115-2 | 186680   | 182417   | 183483   | 184193   | 1.20   | cps   |
| Iron       | 56-2  | 8853935  | 8802158  | 8771169  | 8809087  | 0.47   | cps   |
| Iron       | 57-2  | 223259   | 220924   | 219223   | 221135   | 0.92   | cps   |
| Lead       | 206-1 | 2686062  | 2659407  | 2686424  | 2677298  | 0.58   | cps   |
| Lead       | 207-1 | 2471152  | 2474512  | 2460073  | 2468579  | 0.31   | cps   |
| Lead       | 208-1 | 10954395 | 10951073 | 10935626 | 10947031 | 0.09   | cps   |
| Lithium    | 6-1   | 791156   | 787582   | 783319   | 787352   | 0.50   | cps   |
| Magnesium  | 24-2  | 898946   | 893606   | 884575   | 892376   | 0.81   | cps   |
| Manganese  | 55-2  | 150709   | 149371   | 149008   | 149696   | 0.60   | cps   |

|                         |                     |                   |            |
|-------------------------|---------------------|-------------------|------------|
| LB Number :             | LB92809             | Operator :        | Jaswal     |
| Lab Sample ID :         | S06                 | Instrumnet Name : | P8         |
| Client Sample ID :      | S06                 | Dilution Factor : | 1          |
| Date & Time Acquired :: | 2018-01-22 13:57:30 | DataFile Name :   | 009CAL.S.d |

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|------------|-------|----------|----------|----------|----------|--------|-------|
| Molybdenum | 94-1  | 6233107  | 6230271  | 6214142  | 6225840  | 0.16   | cps   |
| Molybdenum | 95-1  | 7608658  | 7449571  | 7575139  | 7544456  | 1.11   | cps   |
| Molybdenum | 96-1  | 8563410  | 8441664  | 8381530  | 8462201  | 1.10   | cps   |
| Molybdenum | 97-1  | 4865507  | 4787950  | 4821219  | 4824892  | 0.81   | cps   |
| Molybdenum | 98-1  | 12322779 | 12124086 | 12248479 | 12231781 | 0.82   | cps   |
| Neodymium  | 150-1 | 227      | 240      | 173      | 213      | 16.54  | cps   |
| Neodymium  | 150-2 | 7        | 3        | 3        | 4        | 43.40  | cps   |
| Nickel     | 60-2  | 169875   | 168617   | 167837   | 168776   | 0.61   | cps   |
| Phosphorus | 31-2  | 2375     | 2184     | 2409     | 2323     | 5.23   | cps   |
| Potassium  | 39-2  | 244572   | 242699   | 240954   | 242742   | 0.75   | cps   |
| Rhodium    | 103-1 | 4483829  | 4463227  | 4472887  | 4473314  | 0.23   | cps   |
| Rhodium    | 103-2 | 1098110  | 1076062  | 1072005  | 1082059  | 1.30   | cps   |
| Scandium   | 45-1  | 2566627  | 2564455  | 2539223  | 2556768  | 0.60   | cps   |
| Scandium   | 45-2  | 17401    | 17031    | 17344    | 17259    | 1.16   | cps   |
| Selenium   | 77-2  | 200      | 233      | 190      | 208      | 10.92  | cps   |
| Selenium   | 78-2  | 739      | 663      | 719      | 707      | 5.56   | cps   |
| Selenium   | 82-1  | 46495    | 46402    | 46401    | 46433    | 0.12   | cps   |
| Silicon    | 28-1  | 1728028  | 1747240  | 1741428  | 1738899  | 0.57   | cps   |
| Silver     | 109-1 | 3733304  | 3708606  | 3702750  | 3714887  | 0.44   | cps   |
| Silver     | 107-1 | 3872634  | 3867574  | 3781193  | 3840467  | 1.34   | cps   |
| Sodium     | 23-2  | 2121346  | 2109747  | 2087733  | 2106275  | 0.81   | cps   |
| Strontium  | 86-1  | 971935   | 968873   | 973486   | 971431   | 0.24   | cps   |
| Strontium  | 88-1  | 8442211  | 8370754  | 8411101  | 8408022  | 0.43   | cps   |
| Sulfur     | 34-1  | 495512   | 488158   | 485891   | 489854   | 1.03   | cps   |
| Terbium    | 159-1 | 6745667  | 6812104  | 6656740  | 6738170  | 1.16   | cps   |
| Terbium    | 159-2 | 1188233  | 1174397  | 1192384  | 1185004  | 0.79   | cps   |
| Thallium   | 203-1 | 3304341  | 3260702  | 3276019  | 3280354  | 0.67   | cps   |
| Thallium   | 205-1 | 7749040  | 7716468  | 7731479  | 7732329  | 0.21   | cps   |
| Tin        | 118-1 | 2641147  | 2592637  | 2629641  | 2621142  | 0.97   | cps   |
| Titanium   | 47-1  | 1788026  | 1795310  | 1771293  | 1784876  | 0.69   | cps   |
| Uranium    | 238-1 | 10985436 | 11046000 | 11140070 | 11057169 | 0.70   | cps   |
| Vanadium   | 51-2  | 197054   | 194266   | 193969   | 195096   | 0.87   | cps   |
| Yttrium    | 89-1  | 5149208  | 5113506  | 5159572  | 5140762  | 0.47   | cps   |
| Yttrium    | 89-2  | 134562   | 133020   | 133054   | 133545   | 0.66   | cps   |
| Zinc       | 66-2  | 88946    | 89328    | 88221    | 88832    | 0.63   | cps   |
| Zirconium  | 90-1  | 5279149  | 5259116  | 5234752  | 5257672  | 0.42   | cps   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB92809             | Operator :        | Jaswal    |
| Lab Sample ID :         | S06                 | Instrumnet Name : | P8        |
| Client Sample ID :      | S06                 | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2018-01-22 13:57:30 | DataFile Name :   | 009CALS.d |

| Parameter | Mass | CPS1    | CPS2    | CPS3    | CPSMean | CPSRSD | Units |
|-----------|------|---------|---------|---------|---------|--------|-------|
| Zirconium | 91-1 | 1165400 | 1163929 | 1159384 | 1162904 | 0.27   | cps   |

|                         |                     |                   |            |
|-------------------------|---------------------|-------------------|------------|
| LB Number :             | LB92809             | Operator :        | Jaswal     |
| Lab Sample ID :         | S07                 | Instrumnet Name : | P8         |
| Client Sample ID :      | S07                 | Dilution Factor : | 1          |
| Date & Time Acquired :: | 2018-01-22 14:00:46 | DataFile Name :   | 010CAL.S.d |

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|------------|-------|----------|----------|----------|----------|--------|-------|
| Aluminium  | 27-2  | 69119    | 69772    | 69152    | 69348    | 0.53   | cps   |
| Antimony   | 121-1 | 7443745  | 7376879  | 7420152  | 7413592  | 0.46   | cps   |
| Arsenic    | 75-2  | 64535    | 63954    | 64194    | 64228    | 0.45   | cps   |
| Barium     | 135-1 | 8050395  | 8017006  | 7943043  | 8003481  | 0.69   | cps   |
| Barium     | 137-1 | 13982545 | 13884689 | 13891959 | 13919731 | 0.39   | cps   |
| Beryllium  | 9-1   | 752681   | 749547   | 750626   | 750952   | 0.21   | cps   |
| Bismuth    | 209-1 | 4518291  | 4519301  | 4504477  | 4514023  | 0.18   | cps   |
| Bismuth    | 209-2 | 967354   | 980414   | 986750   | 978173   | 1.01   | cps   |
| Boron      | 10-1  | 85161    | 89127    | 89520    | 87936    | 2.74   | cps   |
| Boron      | 11-1  | 406072   | 412236   | 419408   | 412572   | 1.62   | cps   |
| Cadmium    | 111-1 | 1533632  | 1536192  | 1542593  | 1537472  | 0.30   | cps   |
| Cadmium    | 106-1 | 160454   | 159165   | 161919   | 160512   | 0.86   | cps   |
| Cadmium    | 108-1 | 109460   | 109801   | 108973   | 109411   | 0.38   | cps   |
| Calcium    | 43-1  | 1410376  | 1408393  | 1399413  | 1406061  | 0.42   | cps   |
| Calcium    | 44-1  | 22496279 | 22349962 | 22365932 | 22404058 | 0.36   | cps   |
| Chromium   | 52-2  | 502933   | 498511   | 500643   | 500696   | 0.44   | cps   |
| Cobalt     | 59-2  | 1125261  | 1108075  | 1115140  | 1116159  | 0.77   | cps   |
| Copper     | 63-2  | 1956107  | 1950350  | 1955224  | 1953894  | 0.16   | cps   |
| Dysprosium | 156-1 | 133      | 117      | 108      | 119      | 10.66  | cps   |
| Dysprosium | 156-2 | 23       | 20       | 3        | 16       | 68.90  | cps   |
| Erbium     | 164-1 | 42       | 50       | 67       | 53       | 24.12  | cps   |
| Erbium     | 164-2 | 10       | 7        | 0        | 6        | 91.64  | cps   |
| Gadolinium | 160-1 | 50       | 75       | 75       | 67       | 21.65  | cps   |
| Gadolinium | 160-2 | 13       | 10       | 17       | 13       | 25.01  | cps   |
| Holmium    | 165-1 | 6632908  | 6680298  | 6610201  | 6641136  | 0.54   | cps   |
| Holmium    | 165-2 | 1206121  | 1233404  | 1235233  | 1224919  | 1.33   | cps   |
| Indium     | 115-1 | 4880947  | 4841384  | 4854394  | 4858908  | 0.41   | cps   |
| Indium     | 115-2 | 172583   | 174215   | 175619   | 174139   | 0.87   | cps   |
| Iron       | 56-2  | 17227882 | 16904108 | 17128223 | 17086737 | 0.97   | cps   |
| Iron       | 57-2  | 428010   | 429415   | 430321   | 429249   | 0.27   | cps   |
| Lead       | 206-1 | 5274908  | 5317141  | 5299933  | 5297327  | 0.40   | cps   |
| Lead       | 207-1 | 4864808  | 4792566  | 4873180  | 4843518  | 0.92   | cps   |
| Lead       | 208-1 | 21768316 | 21643597 | 21800085 | 21737333 | 0.38   | cps   |
| Lithium    | 6-1   | 762569   | 759877   | 766600   | 763016   | 0.44   | cps   |
| Magnesium  | 24-2  | 1746607  | 1737995  | 1741173  | 1741925  | 0.25   | cps   |
| Manganese  | 55-2  | 286990   | 284854   | 287310   | 286384   | 0.47   | cps   |

|                         |                     |                   |            |
|-------------------------|---------------------|-------------------|------------|
| LB Number :             | LB92809             | Operator :        | Jaswal     |
| Lab Sample ID :         | S07                 | Instrumnet Name : | P8         |
| Client Sample ID :      | S07                 | Dilution Factor : | 1          |
| Date & Time Acquired :: | 2018-01-22 14:00:46 | DataFile Name :   | 010CAL.S.d |

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|------------|-------|----------|----------|----------|----------|--------|-------|
| Molybdenum | 94-1  | 12175343 | 12149304 | 12164981 | 12163209 | 0.11   | cps   |
| Molybdenum | 95-1  | 14823891 | 14891356 | 15005119 | 14906789 | 0.61   | cps   |
| Molybdenum | 96-1  | 16791713 | 16632383 | 16683420 | 16702505 | 0.49   | cps   |
| Molybdenum | 97-1  | 9537909  | 9463639  | 9458758  | 9486769  | 0.47   | cps   |
| Molybdenum | 98-1  | 24262370 | 24235552 | 24161360 | 24219761 | 0.22   | cps   |
| Neodymium  | 150-1 | 367      | 220      | 413      | 333      | 30.27  | cps   |
| Neodymium  | 150-2 | 27       | 3        | 3        | 11       | 121.29 | cps   |
| Nickel     | 60-2  | 324807   | 319816   | 324171   | 322931   | 0.84   | cps   |
| Phosphorus | 31-2  | 4693     | 4593     | 4768     | 4684     | 1.88   | cps   |
| Potassium  | 39-2  | 473986   | 465554   | 466941   | 468827   | 0.96   | cps   |
| Rhodium    | 103-1 | 4397317  | 4400388  | 4387440  | 4395048  | 0.15   | cps   |
| Rhodium    | 103-2 | 1027743  | 1044670  | 1037147  | 1036520  | 0.82   | cps   |
| Scandium   | 45-1  | 2467235  | 2485340  | 2499577  | 2484051  | 0.65   | cps   |
| Scandium   | 45-2  | 16753    | 16740    | 16757    | 16750    | 0.05   | cps   |
| Selenium   | 77-2  | 430      | 443      | 377      | 417      | 8.47   | cps   |
| Selenium   | 78-2  | 1417     | 1433     | 1415     | 1422     | 0.72   | cps   |
| Selenium   | 82-1  | 89811    | 90448    | 90153    | 90137    | 0.35   | cps   |
| Silicon    | 28-1  | 2861756  | 2877796  | 2897406  | 2878986  | 0.62   | cps   |
| Silver     | 109-1 | 7125365  | 7186721  | 7144056  | 7152047  | 0.44   | cps   |
| Silver     | 107-1 | 7380285  | 7397641  | 7292468  | 7356798  | 0.77   | cps   |
| Sodium     | 23-2  | 4019264  | 4010323  | 4001719  | 4010435  | 0.22   | cps   |
| Strontium  | 86-1  | 1953193  | 1945200  | 1960034  | 1952809  | 0.38   | cps   |
| Strontium  | 88-1  | 16615468 | 16596542 | 16654277 | 16622096 | 0.18   | cps   |
| Sulfur     | 34-1  | 657486   | 649429   | 654406   | 653774   | 0.62   | cps   |
| Terbium    | 159-1 | 6749803  | 6758778  | 6769082  | 6759221  | 0.14   | cps   |
| Terbium    | 159-2 | 1146917  | 1169290  | 1169326  | 1161845  | 1.11   | cps   |
| Thallium   | 203-1 | 6509679  | 6512352  | 6534523  | 6518851  | 0.21   | cps   |
| Thallium   | 205-1 | 15525486 | 15467431 | 15579522 | 15524146 | 0.36   | cps   |
| Tin        | 118-1 | 5154558  | 5185726  | 5118449  | 5152911  | 0.65   | cps   |
| Titanium   | 47-1  | 3423984  | 3401343  | 3430004  | 3418444  | 0.44   | cps   |
| Uranium    | 238-1 | 22403191 | 22546330 | 22511233 | 22486918 | 0.33   | cps   |
| Vanadium   | 51-2  | 378664   | 376398   | 379571   | 378211   | 0.43   | cps   |
| Yttrium    | 89-1  | 5088475  | 5023043  | 5108986  | 5073501  | 0.88   | cps   |
| Yttrium    | 89-2  | 127138   | 129383   | 129302   | 128607   | 0.99   | cps   |
| Zinc       | 66-2  | 172433   | 171020   | 170057   | 171170   | 0.70   | cps   |
| Zirconium  | 90-1  | 10266409 | 10264898 | 10385115 | 10305474 | 0.67   | cps   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB92809             | Operator :        | Jaswal    |
| Lab Sample ID :         | S07                 | Instrumnet Name : | P8        |
| Client Sample ID :      | S07                 | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2018-01-22 14:00:46 | DataFile Name :   | 010CALS.d |

| Parameter | Mass | CPS1    | CPS2    | CPS3    | CPSMean | CPSRSD | Units |
|-----------|------|---------|---------|---------|---------|--------|-------|
| Zirconium | 91-1 | 2335038 | 2322616 | 2358594 | 2338750 | 0.78   | cps   |

|                         |                     |                   |            |
|-------------------------|---------------------|-------------------|------------|
| LB Number :             | LB92809             | Operator :        | Jaswal     |
| Lab Sample ID :         | S08                 | Instrumnet Name : | P8         |
| Client Sample ID :      | S08                 | Dilution Factor : | 1          |
| Date & Time Acquired :: | 2018-01-22 14:03:59 | DataFile Name :   | 011CAL.S.d |

| Parameter  | Mass  | CPS1      | CPS2      | CPS3      | CPSMean   | CPSRSD | Units |
|------------|-------|-----------|-----------|-----------|-----------|--------|-------|
| Aluminium  | 27-2  | 393178    | 395405    | 404851    | 397811    | 1.56   | cps   |
| Antimony   | 121-1 | 8870      | 8486      | 9012      | 8789      | 3.09   | cps   |
| Arsenic    | 75-2  | 24        | 26        | 33        | 28        | 17.64  | cps   |
| Barium     | 135-1 | 2159      | 2034      | 2017      | 2070      | 3.74   | cps   |
| Barium     | 137-1 | 3526      | 3701      | 3734      | 3653      | 3.06   | cps   |
| Beryllium  | 9-1   | 617       | 578       | 478       | 557       | 12.85  | cps   |
| Bismuth    | 209-1 | 4346484   | 4321622   | 4280308   | 4316138   | 0.77   | cps   |
| Bismuth    | 209-2 | 947351    | 941774    | 954920    | 948015    | 0.70   | cps   |
| Boron      | 10-1  | 4784      | 4484      | 3992      | 4420      | 9.05   | cps   |
| Boron      | 11-1  | 20908     | 19522     | 18755     | 19728     | 5.53   | cps   |
| Cadmium    | 111-1 | 973       | 911       | 810       | 898       | 9.18   | cps   |
| Cadmium    | 106-1 | 1058      | 925       | 875       | 953       | 9.95   | cps   |
| Cadmium    | 108-1 | 25        | 58        | 33        | 39        | 44.61  | cps   |
| Calcium    | 43-1  | 7447235   | 7477276   | 7535472   | 7486661   | 0.60   | cps   |
| Calcium    | 44-1  | 120744857 | 122796657 | 123490428 | 122343981 | 1.17   | cps   |
| Chromium   | 52-2  | 5178      | 4888      | 4931      | 4999      | 3.13   | cps   |
| Cobalt     | 59-2  | 1333      | 1320      | 1410      | 1355      | 3.59   | cps   |
| Copper     | 63-2  | 2297      | 2277      | 2340      | 2305      | 1.40   | cps   |
| Dysprosium | 156-1 | 92        | 42        | 67        | 67        | 37.50  | cps   |
| Dysprosium | 156-2 | 10        | 13        | 10        | 11        | 17.30  | cps   |
| Erbium     | 164-1 | 42        | 108       | 33        | 61        | 67.27  | cps   |
| Erbium     | 164-2 | 13        | 3         | 3         | 7         | 86.65  | cps   |
| Gadolinium | 160-1 | 67        | 67        | 75        | 69        | 6.93   | cps   |
| Gadolinium | 160-2 | 7         | 17        | 7         | 10        | 57.72  | cps   |
| Holmium    | 165-1 | 6678795   | 6638018   | 6605670   | 6640828   | 0.55   | cps   |
| Holmium    | 165-2 | 1251310   | 1252924   | 1261488   | 1255241   | 0.44   | cps   |
| Indium     | 115-1 | 4881939   | 4889627   | 4927871   | 4899812   | 0.50   | cps   |
| Indium     | 115-2 | 183646    | 184765    | 186401    | 184937    | 0.75   | cps   |
| Iron       | 56-2  | 91555002  | 91130810  | 92531505  | 91739106  | 0.78   | cps   |
| Iron       | 57-2  | 2318187   | 2345825   | 2369335   | 2344449   | 1.09   | cps   |
| Lead       | 206-1 | 9426      | 8653      | 9026      | 9035      | 4.28   | cps   |
| Lead       | 207-1 | 7680      | 7864      | 7897      | 7814      | 1.49   | cps   |
| Lead       | 208-1 | 36477     | 35593     | 35865     | 35978     | 1.26   | cps   |
| Lithium    | 6-1   | 768882    | 773970    | 775204    | 772685    | 0.43   | cps   |
| Magnesium  | 24-2  | 9414657   | 9472283   | 9629966   | 9505635   | 1.17   | cps   |
| Manganese  | 55-2  | 790       | 797       | 753       | 780       | 2.99   | cps   |



|                         |                     |                   |            |
|-------------------------|---------------------|-------------------|------------|
| LB Number :             | LB92809             | Operator :        | Jaswal     |
| Lab Sample ID :         | S08                 | Instrumnet Name : | P8         |
| Client Sample ID :      | S08                 | Dilution Factor : | 1          |
| Date & Time Acquired :: | 2018-01-22 14:03:59 | DataFile Name :   | 011CAL.S.d |

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|------------|-------|----------|----------|----------|----------|--------|-------|
| Molybdenum | 94-1  | 4076     | 3926     | 4243     | 4081     | 3.88   | cps   |
| Molybdenum | 95-1  | 6202     | 6610     | 6193     | 6335     | 3.76   | cps   |
| Molybdenum | 96-1  | 8795     | 8553     | 8595     | 8648     | 1.49   | cps   |
| Molybdenum | 97-1  | 3901     | 3951     | 3951     | 3934     | 0.73   | cps   |
| Molybdenum | 98-1  | 9771     | 9604     | 9712     | 9696     | 0.87   | cps   |
| Neodymium  | 150-1 | 87       | 40       | 120      | 82       | 48.88  | cps   |
| Neodymium  | 150-2 | 3        | 13       | 10       | 9        | 57.30  | cps   |
| Nickel     | 60-2  | 2704     | 2777     | 2737     | 2739     | 1.34   | cps   |
| Phosphorus | 31-2  | 8        | 8        | 8        | 8        | 0.00   | cps   |
| Potassium  | 39-2  | 2594518  | 2607336  | 2630509  | 2610787  | 0.70   | cps   |
| Rhodium    | 103-1 | 4307701  | 4332471  | 4349236  | 4329803  | 0.48   | cps   |
| Rhodium    | 103-2 | 1041164  | 1036431  | 1041178  | 1039591  | 0.26   | cps   |
| Scandium   | 45-1  | 2589457  | 2595303  | 2653309  | 2612690  | 1.35   | cps   |
| Scandium   | 45-2  | 17905    | 17608    | 17868    | 17794    | 0.91   | cps   |
| Selenium   | 77-2  | 0        | 0        | 0        | 0        | 0.00   | cps   |
| Selenium   | 78-2  | 4        | 4        | 0        | 2        | 86.60  | cps   |
| Selenium   | 82-1  | 78       | 33       | 108      | 73       | 51.27  | cps   |
| Silicon    | 28-1  | 687961   | 712031   | 727243   | 709078   | 2.79   | cps   |
| Silver     | 109-1 | 433      | 442      | 658      | 511      | 24.96  | cps   |
| Silver     | 107-1 | 558      | 517      | 675      | 583      | 14.07  | cps   |
| Sodium     | 23-2  | 21911204 | 22021091 | 22053484 | 21995260 | 0.34   | cps   |
| Strontium  | 86-1  | 66454    | 65533    | 67702    | 66563    | 1.64   | cps   |
| Strontium  | 88-1  | 585542   | 582762   | 579241   | 582515   | 0.54   | cps   |
| Sulfur     | 34-1  | 286753   | 281366   | 286006   | 284708   | 1.03   | cps   |
| Terbium    | 159-1 | 6831893  | 6818165  | 6748496  | 6799518  | 0.66   | cps   |
| Terbium    | 159-2 | 1185495  | 1185919  | 1208233  | 1193216  | 1.09   | cps   |
| Thallium   | 203-1 | 2859     | 3025     | 2500     | 2795     | 9.60   | cps   |
| Thallium   | 205-1 | 6577     | 6410     | 6585     | 6524     | 1.51   | cps   |
| Tin        | 118-1 | 5393     | 5576     | 5618     | 5529     | 2.17   | cps   |
| Titanium   | 47-1  | 633      | 650      | 583      | 622      | 5.58   | cps   |
| Uranium    | 238-1 | 1367     | 1567     | 1325     | 1420     | 9.10   | cps   |
| Vanadium   | 51-2  | 57       | 87       | 70       | 71       | 21.14  | cps   |
| Yttrium    | 89-1  | 5206931  | 5165919  | 5204957  | 5192602  | 0.45   | cps   |
| Yttrium    | 89-2  | 137926   | 136837   | 139016   | 137926   | 0.79   | cps   |
| Zinc       | 66-2  | 487      | 503      | 593      | 528      | 10.87  | cps   |
| Zirconium  | 90-1  | 1942     | 1742     | 1867     | 1850     | 5.46   | cps   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB92809             | Operator :        | Jaswal    |
| Lab Sample ID :         | S08                 | Instrumnet Name : | P8        |
| Client Sample ID :      | S08                 | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2018-01-22 14:03:59 | DataFile Name :   | 011CALS.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|-----------|------|------|------|------|---------|--------|-------|
| Zirconium | 91-1 | 592  | 400  | 367  | 453     | 26.82  | cps   |

LB Number : LB92809 Operator : Jaswal  
 Lab Sample ID : ICV Instrumnet Name : P8  
 Client Sample ID : ICV Dilution Factor : 1  
 Date & Time Acquired :: 2018-01-22 14:12:12 DataFile Name : 013ICV.d

| Parameter  | Mass  | CPS1    | CPS2    | CPS3    | CPSMean | CPSRSD | Units |
|------------|-------|---------|---------|---------|---------|--------|-------|
| Aluminium  | 27-2  | 2192    | 1967    | 2317    | 2159    | 8.22   | cps   |
| Antimony   | 121-1 | 1529176 | 1539507 | 1505352 | 1524678 | 1.15   | cps   |
| Arsenic    | 75-2  | 14426   | 14246   | 14341   | 14338   | 0.63   | cps   |
| Barium     | 135-1 | 166003  | 167429  | 164764  | 166066  | 0.80   | cps   |
| Barium     | 137-1 | 290291  | 286235  | 288782  | 288436  | 0.71   | cps   |
| Beryllium  | 9-1   | 83379   | 83798   | 85051   | 84076   | 1.03   | cps   |
| Bismuth    | 209-1 | 4713333 | 4672414 | 4734617 | 4706788 | 0.67   | cps   |
| Bismuth    | 209-2 | 1069945 | 1068644 | 1069085 | 1069225 | 0.06   | cps   |
| Boron      | 10-1  | 57282   | 56755   | 58504   | 57513   | 1.56   | cps   |
| Boron      | 11-1  | 269573  | 270726  | 271185  | 270495  | 0.31   | cps   |
| Cadmium    | 111-1 | 167079  | 166864  | 165531  | 166491  | 0.50   | cps   |
| Cadmium    | 106-1 | 28214   | 28189   | 27078   | 27827   | 2.33   | cps   |
| Cadmium    | 108-1 | 14416   | 14979   | 15034   | 14810   | 2.31   | cps   |
| Calcium    | 43-1  | 33282   | 33925   | 33733   | 33647   | 0.98   | cps   |
| Calcium    | 44-1  | 528338  | 533025  | 533189  | 531517  | 0.52   | cps   |
| Chromium   | 52-2  | 56946   | 56303   | 56989   | 56746   | 0.68   | cps   |
| Cobalt     | 59-2  | 128782  | 129380  | 129259  | 129140  | 0.24   | cps   |
| Copper     | 63-2  | 112249  | 111519  | 111204  | 111657  | 0.48   | cps   |
| Dysprosium | 156-1 | 8       | 58      | 33      | 33      | 75.02  | cps   |
| Dysprosium | 156-2 | 3       | 0       | 3       | 2       | 86.60  | cps   |
| Erbium     | 164-1 | 50      | 67      | 0       | 39      | 89.22  | cps   |
| Erbium     | 164-2 | 13      | 7       | 3       | 8       | 65.47  | cps   |
| Gadolinium | 160-1 | 108     | 83      | 75      | 89      | 19.52  | cps   |
| Gadolinium | 160-2 | 10      | 7       | 7       | 8       | 24.71  | cps   |
| Holmium    | 165-1 | 6751201 | 6788896 | 6815715 | 6785271 | 0.48   | cps   |
| Holmium    | 165-2 | 1302732 | 1293275 | 1297047 | 1297685 | 0.37   | cps   |
| Indium     | 115-1 | 5235335 | 5247233 | 5222802 | 5235123 | 0.23   | cps   |
| Indium     | 115-2 | 199866  | 198612  | 201482  | 199987  | 0.72   | cps   |
| Iron       | 56-2  | 397451  | 388162  | 391991  | 392535  | 1.19   | cps   |
| Iron       | 57-2  | 10004   | 9643    | 10021   | 9889    | 2.16   | cps   |
| Lead       | 206-1 | 1094298 | 1082380 | 1082666 | 1086448 | 0.63   | cps   |
| Lead       | 207-1 | 953964  | 940539  | 946658  | 947054  | 0.71   | cps   |
| Lead       | 208-1 | 4460511 | 4416415 | 4431578 | 4436168 | 0.51   | cps   |
| Lithium    | 6-1   | 841548  | 844507  | 851254  | 845770  | 0.59   | cps   |
| Magnesium  | 24-2  | 24188   | 25232   | 24338   | 24586   | 2.29   | cps   |
| Manganese  | 55-2  | 16109   | 16533   | 16487   | 16376   | 1.42   | cps   |

|                         |                     |                   |          |
|-------------------------|---------------------|-------------------|----------|
| LB Number :             | LB92809             | Operator :        | Jaswal   |
| Lab Sample ID :         | ICV                 | Instrumnet Name : | P8       |
| Client Sample ID :      | ICV                 | Dilution Factor : | 1        |
| Date & Time Acquired :: | 2018-01-22 14:12:12 | DataFile Name :   | 013ICV.d |

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|------------|-------|----------|----------|----------|----------|--------|-------|
| Molybdenum | 94-1  | 2793641  | 2793362  | 2760768  | 2782590  | 0.68   | cps   |
| Molybdenum | 95-1  | 1502212  | 1486604  | 1502397  | 1497071  | 0.61   | cps   |
| Molybdenum | 96-1  | 1959335  | 1952460  | 1926782  | 1946192  | 0.88   | cps   |
| Molybdenum | 97-1  | 909838   | 918149   | 918757   | 915581   | 0.54   | cps   |
| Molybdenum | 98-1  | 2392037  | 2423935  | 2418511  | 2411494  | 0.71   | cps   |
| Neodymium  | 150-1 | 7        | 7        | 20       | 11       | 69.25  | cps   |
| Neodymium  | 150-2 | 7        | 0        | 0        | 2        | 173.21 | cps   |
| Nickel     | 60-2  | 38189    | 37835    | 38173    | 38065    | 0.52   | cps   |
| Phosphorus | 31-2  | 8        | 17       | 0        | 8        | 100.02 | cps   |
| Potassium  | 39-2  | 23637    | 23696    | 23638    | 23657    | 0.14   | cps   |
| Rhodium    | 103-1 | 4792388  | 4895086  | 4876791  | 4854755  | 1.13   | cps   |
| Rhodium    | 103-2 | 1188344  | 1176454  | 1183408  | 1182735  | 0.51   | cps   |
| Scandium   | 45-1  | 2774165  | 2784932  | 2780367  | 2779822  | 0.19   | cps   |
| Scandium   | 45-2  | 19871    | 19557    | 19570    | 19666    | 0.90   | cps   |
| Selenium   | 77-2  | 80       | 97       | 90       | 89       | 9.44   | cps   |
| Selenium   | 78-2  | 354      | 378      | 352      | 361      | 4.01   | cps   |
| Selenium   | 82-1  | 19050    | 19517    | 19462    | 19343    | 1.32   | cps   |
| Silicon    | 28-1  | 1512508  | 1501691  | 1512561  | 1508920  | 0.41   | cps   |
| Silver     | 109-1 | 755760   | 751621   | 757352   | 754911   | 0.39   | cps   |
| Silver     | 107-1 | 781705   | 789515   | 781354   | 784192   | 0.59   | cps   |
| Sodium     | 23-2  | 100193   | 100723   | 98565    | 99827    | 1.13   | cps   |
| Strontium  | 86-1  | 944508   | 945859   | 944346   | 944904   | 0.09   | cps   |
| Strontium  | 88-1  | 8153828  | 8136015  | 8185441  | 8158428  | 0.31   | cps   |
| Sulfur     | 34-1  | 299785   | 295409   | 298510   | 297902   | 0.76   | cps   |
| Terbium    | 159-1 | 6970583  | 6994242  | 6979537  | 6981454  | 0.17   | cps   |
| Terbium    | 159-2 | 1238350  | 1242497  | 1240845  | 1240564  | 0.17   | cps   |
| Thallium   | 203-1 | 1366550  | 1350957  | 1366085  | 1361198  | 0.65   | cps   |
| Thallium   | 205-1 | 3311901  | 3327345  | 3304151  | 3314466  | 0.36   | cps   |
| Tin        | 118-1 | 2577474  | 2542882  | 2542598  | 2554318  | 0.79   | cps   |
| Titanium   | 47-1  | 362052   | 359410   | 357701   | 359721   | 0.61   | cps   |
| Uranium    | 238-1 | 10745204 | 10596151 | 10706173 | 10682509 | 0.72   | cps   |
| Vanadium   | 51-2  | 43518    | 42207    | 42344    | 42689    | 1.69   | cps   |
| Yttrium    | 89-1  | 5473436  | 5449964  | 5483050  | 5468817  | 0.31   | cps   |
| Yttrium    | 89-2  | 145703   | 146883   | 148065   | 146884   | 0.80   | cps   |
| Zinc       | 66-2  | 19898    | 19784    | 19407    | 19696    | 1.30   | cps   |
| Zirconium  | 90-1  | 5309519  | 5297213  | 5328835  | 5311856  | 0.30   | cps   |

|                         |                     |                   |          |
|-------------------------|---------------------|-------------------|----------|
| LB Number :             | LB92809             | Operator :        | Jaswal   |
| Lab Sample ID :         | ICV                 | Instrumnet Name : | P8       |
| Client Sample ID :      | ICV                 | Dilution Factor : | 1        |
| Date & Time Acquired :: | 2018-01-22 14:12:12 | DataFile Name :   | 013ICV.d |

| Parameter | Mass | CPS1    | CPS2    | CPS3    | CPSMean | CPSRSD | Units |
|-----------|------|---------|---------|---------|---------|--------|-------|
| Zirconium | 91-1 | 1161783 | 1166158 | 1166694 | 1164878 | 0.23   | cps   |

LB Number : LB92809 Operator : Jaswal  
 Lab Sample ID : ICB Instrumnet Name : P8  
 Client Sample ID : ICB Dilution Factor : 1  
 Date & Time Acquired :: 2018-01-22 14:16:11 DataFile Name : 014CCBE.d

| Parameter  | Mass  | CPS1    | CPS2    | CPS3    | CPSMean | CPSRSD | Units |
|------------|-------|---------|---------|---------|---------|--------|-------|
| Aluminium  | 27-2  | 8       | 0       | 8       | 6       | 86.60  | cps   |
| Antimony   | 121-1 | 983     | 992     | 1042    | 1006    | 3.14   | cps   |
| Arsenic    | 75-2  | 4       | 4       | 4       | 4       | 0.00   | cps   |
| Barium     | 135-1 | 33      | 33      | 50      | 39      | 24.75  | cps   |
| Barium     | 137-1 | 75      | 50      | 75      | 67      | 21.65  | cps   |
| Beryllium  | 9-1   | 294     | 256     | 261     | 270     | 7.78   | cps   |
| Bismuth    | 209-1 | 4645554 | 4617612 | 4678897 | 4647354 | 0.66   | cps   |
| Bismuth    | 209-2 | 944978  | 1050092 | 1049968 | 1015013 | 5.98   | cps   |
| Boron      | 10-1  | 1750    | 1984    | 1775    | 1836    | 6.98   | cps   |
| Boron      | 11-1  | 7886    | 8028    | 7844    | 7919    | 1.21   | cps   |
| Cadmium    | 111-1 | 672     | 726     | 799     | 732     | 8.68   | cps   |
| Cadmium    | 106-1 | 925     | 958     | 1092    | 992     | 8.89   | cps   |
| Cadmium    | 108-1 | 13      | 4       | 4       | 7       | 69.23  | cps   |
| Calcium    | 43-1  | 675     | 575     | 750     | 667     | 13.17  | cps   |
| Calcium    | 44-1  | 12873   | 13407   | 13249   | 13176   | 2.08   | cps   |
| Chromium   | 52-2  | 177     | 127     | 193     | 166     | 20.96  | cps   |
| Cobalt     | 59-2  | 57      | 63      | 57      | 59      | 6.53   | cps   |
| Copper     | 63-2  | 140     | 103     | 147     | 130     | 17.95  | cps   |
| Dysprosium | 156-1 | 0       | 0       | 0       | 0       | 0.00   | cps   |
| Dysprosium | 156-2 | 0       | 10      | 3       | 4       | 114.60 | cps   |
| Erbium     | 164-1 | 25      | 25      | 33      | 28      | 17.31  | cps   |
| Erbium     | 164-2 | 0       | 3       | 3       | 2       | 86.60  | cps   |
| Gadolinium | 160-1 | 25      | 17      | 25      | 22      | 21.64  | cps   |
| Gadolinium | 160-2 | 0       | 0       | 10      | 3       | 173.21 | cps   |
| Holmium    | 165-1 | 6697412 | 6756043 | 6769377 | 6740944 | 0.57   | cps   |
| Holmium    | 165-2 | 1149687 | 1279794 | 1281932 | 1237137 | 6.12   | cps   |
| Indium     | 115-1 | 5265306 | 5278790 | 5371969 | 5305355 | 1.09   | cps   |
| Indium     | 115-2 | 181193  | 201973  | 200810  | 194659  | 6.00   | cps   |
| Iron       | 56-2  | 2156    | 2222    | 2150    | 2176    | 1.85   | cps   |
| Iron       | 57-2  | 44      | 61      | 56      | 54      | 15.80  | cps   |
| Lead       | 206-1 | 622     | 561     | 583     | 589     | 5.25   | cps   |
| Lead       | 207-1 | 522     | 472     | 467     | 487     | 6.28   | cps   |
| Lead       | 208-1 | 2122    | 2228    | 2095    | 2148    | 3.28   | cps   |
| Lithium    | 6-1   | 830206  | 834657  | 845305  | 836723  | 0.93   | cps   |
| Magnesium  | 24-2  | 400     | 383     | 408     | 397     | 3.20   | cps   |
| Manganese  | 55-2  | 13      | 17      | 27      | 19      | 36.75  | cps   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB92809             | Operator :        | Jaswal    |
| Lab Sample ID :         | ICB                 | Instrumnet Name : | P8        |
| Client Sample ID :      | ICB                 | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2018-01-22 14:16:11 | DataFile Name :   | 014CCBE.d |

| Parameter  | Mass  | CPS1    | CPS2    | CPS3    | CPSMean | CPSRSD | Units |
|------------|-------|---------|---------|---------|---------|--------|-------|
| Molybdenum | 94-1  | 225     | 342     | 308     | 292     | 20.60  | cps   |
| Molybdenum | 95-1  | 192     | 200     | 133     | 175     | 20.76  | cps   |
| Molybdenum | 96-1  | 258     | 275     | 292     | 275     | 6.06   | cps   |
| Molybdenum | 97-1  | 183     | 100     | 92      | 125     | 40.55  | cps   |
| Molybdenum | 98-1  | 350     | 267     | 275     | 297     | 15.44  | cps   |
| Neodymium  | 150-1 | 20      | 0       | 7       | 9       | 114.55 | cps   |
| Neodymium  | 150-2 | 0       | 0       | 0       | 0       | 0.00   | cps   |
| Nickel     | 60-2  | 810     | 833     | 717     | 787     | 7.85   | cps   |
| Phosphorus | 31-2  | 25      | 0       | 0       | 8       | 173.21 | cps   |
| Potassium  | 39-2  | 1925    | 1834    | 2084    | 1947    | 6.50   | cps   |
| Rhodium    | 103-1 | 4762437 | 4772831 | 4847626 | 4794298 | 0.97   | cps   |
| Rhodium    | 103-2 | 1054659 | 1171686 | 1171549 | 1132631 | 5.96   | cps   |
| Scandium   | 45-1  | 2747135 | 2738956 | 2807754 | 2764615 | 1.36   | cps   |
| Scandium   | 45-2  | 17641   | 19150   | 19354   | 18715   | 5.00   | cps   |
| Selenium   | 77-2  | 0       | 0       | 3       | 1       | 173.21 | cps   |
| Selenium   | 78-2  | 0       | 2       | 2       | 1       | 86.60  | cps   |
| Selenium   | 82-1  | 3       | 26      | -8      | 7       | 256.61 | cps   |
| Silicon    | 28-1  | 318663  | 319736  | 316512  | 318304  | 0.52   | cps   |
| Silver     | 109-1 | 92      | 125     | 158     | 125     | 26.67  | cps   |
| Silver     | 107-1 | 175     | 175     | 142     | 164     | 11.74  | cps   |
| Sodium     | 23-2  | 6602    | 6694    | 6627    | 6641    | 0.71   | cps   |
| Strontium  | 86-1  | 392     | 500     | 408     | 433     | 13.46  | cps   |
| Strontium  | 88-1  | 183     | 125     | 167     | 158     | 18.97  | cps   |
| Sulfur     | 34-1  | 296107  | 297647  | 301373  | 298376  | 0.91   | cps   |
| Terbium    | 159-1 | 6915885 | 6862166 | 7011787 | 6929946 | 1.09   | cps   |
| Terbium    | 159-2 | 1106998 | 1225784 | 1217175 | 1183319 | 5.60   | cps   |
| Thallium   | 203-1 | 675     | 733     | 700     | 703     | 4.16   | cps   |
| Thallium   | 205-1 | 1959    | 1725    | 1809    | 1831    | 6.46   | cps   |
| Tin        | 118-1 | 925     | 825     | 925     | 892     | 6.47   | cps   |
| Titanium   | 47-1  | 133     | 92      | 117     | 114     | 18.41  | cps   |
| Uranium    | 238-1 | 100     | 158     | 125     | 128     | 22.90  | cps   |
| Vanadium   | 51-2  | 0       | 0       | 7       | 2       | 173.21 | cps   |
| Yttrium    | 89-1  | 5316277 | 5370012 | 5432740 | 5373010 | 1.08   | cps   |
| Yttrium    | 89-2  | 130433  | 144950  | 144916  | 140100  | 5.98   | cps   |
| Zinc       | 66-2  | 33      | 33      | 10      | 26      | 52.71  | cps   |
| Zirconium  | 90-1  | 542     | 583     | 492     | 539     | 8.52   | cps   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB92809             | Operator :        | Jaswal    |
| Lab Sample ID :         | ICB                 | Instrumnet Name : | P8        |
| Client Sample ID :      | ICB                 | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2018-01-22 14:16:11 | DataFile Name :   | 014CCBE.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|-----------|------|------|------|------|---------|--------|-------|
| Zirconium | 91-1 | 133  | 117  | 125  | 125     | 6.67   | cps   |



|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB92809             | Operator :        | Jaswal    |
| Lab Sample ID :         | ICSA                | Instrumnet Name : | P8        |
| Client Sample ID :      | ICSA                | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2018-01-22 14:19:23 | DataFile Name :   | 015ICSA.d |

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|------------|-------|----------|----------|----------|----------|--------|-------|
| Aluminium  | 27-2  | 386111   | 389123   | 384886   | 386707   | 0.56   | cps   |
| Antimony   | 121-1 | 8978     | 9120     | 9862     | 9320     | 5.09   | cps   |
| Arsenic    | 75-2  | 19       | 33       | 37       | 30       | 33.07  | cps   |
| Barium     | 135-1 | 2300     | 2450     | 2625     | 2459     | 6.62   | cps   |
| Barium     | 137-1 | 4551     | 4451     | 4734     | 4579     | 3.14   | cps   |
| Beryllium  | 9-1   | 428      | 378      | 367      | 391      | 8.33   | cps   |
| Bismuth    | 209-1 | 4102461  | 4505186  | 4496019  | 4367888  | 5.26   | cps   |
| Bismuth    | 209-2 | 995776   | 1010437  | 1004101  | 1003438  | 0.73   | cps   |
| Boron      | 10-1  | 1734     | 1617     | 1625     | 1658     | 3.93   | cps   |
| Boron      | 11-1  | 7544     | 7252     | 7436     | 7411     | 1.99   | cps   |
| Cadmium    | 111-1 | 1056     | 1170     | 1441     | 1222     | 16.16  | cps   |
| Cadmium    | 106-1 | 892      | 950      | 1183     | 1008     | 15.31  | cps   |
| Cadmium    | 108-1 | 967      | 808      | 971      | 915      | 10.12  | cps   |
| Calcium    | 43-1  | 1585971  | 1562156  | 1581305  | 1576478  | 0.80   | cps   |
| Calcium    | 44-1  | 25178685 | 24943088 | 25239856 | 25120543 | 0.62   | cps   |
| Chromium   | 52-2  | 11585    | 12039    | 11662    | 11762    | 2.07   | cps   |
| Cobalt     | 59-2  | 1657     | 1540     | 1540     | 1579     | 4.27   | cps   |
| Copper     | 63-2  | 8693     | 8323     | 8549     | 8522     | 2.19   | cps   |
| Dysprosium | 156-1 | 33       | 25       | 50       | 36       | 35.25  | cps   |
| Dysprosium | 156-2 | 13       | 0        | 7        | 7        | 99.98  | cps   |
| Erbium     | 164-1 | 92       | 75       | 83       | 83       | 10.00  | cps   |
| Erbium     | 164-2 | 0        | 0        | 3        | 1        | 173.21 | cps   |
| Gadolinium | 160-1 | 50       | 67       | 50       | 56       | 17.32  | cps   |
| Gadolinium | 160-2 | 3        | 10       | 13       | 9        | 57.30  | cps   |
| Holmium    | 165-1 | 6242202  | 6697949  | 6798043  | 6579398  | 4.50   | cps   |
| Holmium    | 165-2 | 1273534  | 1285673  | 1279521  | 1279576  | 0.47   | cps   |
| Indium     | 115-1 | 4784938  | 5145599  | 5150938  | 5027158  | 4.17   | cps   |
| Indium     | 115-2 | 194409   | 195550   | 195474   | 195144   | 0.33   | cps   |
| Iron       | 56-2  | 38973216 | 39407330 | 38964351 | 39114966 | 0.65   | cps   |
| Iron       | 57-2  | 984643   | 982596   | 977330   | 981523   | 0.38   | cps   |
| Lead       | 206-1 | 26779    | 26272    | 26022    | 26358    | 1.46   | cps   |
| Lead       | 207-1 | 21007    | 20767    | 20801    | 20858    | 0.62   | cps   |
| Lead       | 208-1 | 101098   | 98639    | 97769    | 99169    | 1.74   | cps   |
| Lithium    | 6-1   | 732246   | 794071   | 796565   | 774294   | 4.71   | cps   |
| Magnesium  | 24-2  | 2027875  | 2052750  | 2021765  | 2034130  | 0.81   | cps   |
| Manganese  | 55-2  | 1353     | 1253     | 1447     | 1351     | 7.16   | cps   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB92809             | Operator :        | Jaswal    |
| Lab Sample ID :         | ICSA                | Instrumnet Name : | P8        |
| Client Sample ID :      | ICSA                | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2018-01-22 14:19:23 | DataFile Name :   | 015ICSA.d |

| Parameter  | Mass  | CPS1     | CPS2    | CPS3     | CPSMean  | CPSRSD   | Units |
|------------|-------|----------|---------|----------|----------|----------|-------|
| Molybdenum | 94-1  | 3565788  | 3546765 | 3558665  | 3557073  | 0.27     | cps   |
| Molybdenum | 95-1  | 6293472  | 6237793 | 6239983  | 6257083  | 0.50     | cps   |
| Molybdenum | 96-1  | 6797655  | 6756421 | 6779087  | 6777721  | 0.30     | cps   |
| Molybdenum | 97-1  | 3960388  | 4029747 | 3974161  | 3988099  | 0.92     | cps   |
| Molybdenum | 98-1  | 10046962 | 9998121 | 10089345 | 10044810 | 0.45     | cps   |
| Neodymium  | 150-1 | 40       | 27      | 53       | 40       | 33.33    | cps   |
| Neodymium  | 150-2 | 3        | 3       | 0        | 2        | 86.60    | cps   |
| Nickel     | 60-2  | 2547     | 2787    | 2650     | 2661     | 4.52     | cps   |
| Phosphorus | 31-2  | 27327    | 27035   | 26526    | 26963    | 1.50     | cps   |
| Potassium  | 39-2  | 1106250  | 1121854 | 1102664  | 1110256  | 0.92     | cps   |
| Rhodium    | 103-1 | 4244945  | 4675594 | 4631546  | 4517362  | 5.25     | cps   |
| Rhodium    | 103-2 | 1121495  | 1121388 | 1127158  | 1123347  | 0.29     | cps   |
| Scandium   | 45-1  | 2537526  | 2731660 | 2749612  | 2672933  | 4.40     | cps   |
| Scandium   | 45-2  | 19223    | 19250   | 19517    | 19330    | 0.84     | cps   |
| Selenium   | 77-2  | 0        | 0       | 0        | 0        | 0.00     | cps   |
| Selenium   | 78-2  | 4        | 7       | 4        | 5        | 43.39    | cps   |
| Selenium   | 82-1  | 5        | 18      | -22      | 0        | 61026.02 | cps   |
| Silicon    | 28-1  | 413670   | 416709  | 413748   | 414709   | 0.42     | cps   |
| Silver     | 109-1 | 350      | 633     | 617      | 533      | 29.81    | cps   |
| Silver     | 107-1 | 492      | 625     | 617      | 578      | 12.93    | cps   |
| Sodium     | 23-2  | 4638639  | 4703600 | 4624111  | 4655450  | 0.91     | cps   |
| Strontium  | 86-1  | 70801    | 69678   | 69285    | 69921    | 1.13     | cps   |
| Strontium  | 88-1  | 606809   | 605675  | 607750   | 606744   | 0.17     | cps   |
| Sulfur     | 34-1  | 2152262  | 2136644 | 2170319  | 2153075  | 0.78     | cps   |
| Terbium    | 159-1 | 6332860  | 6999687 | 6900031  | 6744193  | 5.33     | cps   |
| Terbium    | 159-2 | 1212598  | 1220392 | 1223973  | 1218988  | 0.48     | cps   |
| Thallium   | 203-1 | 1742     | 1375    | 1609     | 1575     | 11.78    | cps   |
| Thallium   | 205-1 | 3434     | 3809    | 3859     | 3701     | 6.28     | cps   |
| Tin        | 118-1 | 1400     | 1675    | 1525     | 1533     | 8.98     | cps   |
| Titanium   | 47-1  | 1574376  | 1553652 | 1564325  | 1564118  | 0.66     | cps   |
| Uranium    | 238-1 | 467      | 525     | 508      | 500      | 6.01     | cps   |
| Vanadium   | 51-2  | 67       | 60      | 43       | 57       | 21.21    | cps   |
| Yttrium    | 89-1  | 4939854  | 5342355 | 5354802  | 5212337  | 4.53     | cps   |
| Yttrium    | 89-2  | 145044   | 143177  | 146277   | 144833   | 1.08     | cps   |
| Zinc       | 66-2  | 1140     | 1180    | 1243     | 1188     | 4.39     | cps   |
| Zirconium  | 90-1  | 875      | 742     | 717      | 778      | 10.94    | cps   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB92809             | Operator :        | Jaswal    |
| Lab Sample ID :         | ICSA                | Instrumnet Name : | P8        |
| Client Sample ID :      | ICSA                | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2018-01-22 14:19:23 | DataFile Name :   | 015ICSA.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|-----------|------|------|------|------|---------|--------|-------|
| Zirconium | 91-1 | 225  | 108  | 183  | 172     | 34.33  | cps   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB92809             | Operator :        | Jaswal    |
| Lab Sample ID :         | ICSAB               | Instrumnet Name : | P8        |
| Client Sample ID :      | ICSAB               | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2018-01-22 14:22:31 | DataFile Name :   | 016ICSB.d |

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|------------|-------|----------|----------|----------|----------|--------|-------|
| Aluminium  | 27-2  | 381150   | 379954   | 377669   | 379591   | 0.47   | cps   |
| Antimony   | 121-1 | 166097   | 164460   | 166062   | 165540   | 0.56   | cps   |
| Arsenic    | 75-2  | 1413     | 1374     | 1382     | 1390     | 1.49   | cps   |
| Barium     | 135-1 | 36410    | 36752    | 37145    | 36769    | 1.00   | cps   |
| Barium     | 137-1 | 64843    | 63863    | 64273    | 64326    | 0.77   | cps   |
| Beryllium  | 9-1   | 16844    | 17728    | 17155    | 17242    | 2.60   | cps   |
| Bismuth    | 209-1 | 4468415  | 4442681  | 4511878  | 4474324  | 0.78   | cps   |
| Bismuth    | 209-2 | 999115   | 991369   | 991666   | 994050   | 0.44   | cps   |
| Boron      | 10-1  | 6894     | 7177     | 7094     | 7055     | 2.07   | cps   |
| Boron      | 11-1  | 31168    | 31670    | 32630    | 31822    | 2.33   | cps   |
| Cadmium    | 111-1 | 33624    | 34345    | 34702    | 34224    | 1.60   | cps   |
| Cadmium    | 106-1 | 5068     | 5543     | 5385     | 5332     | 4.54   | cps   |
| Cadmium    | 108-1 | 3417     | 3346     | 3292     | 3352     | 1.87   | cps   |
| Calcium    | 43-1  | 1581956  | 1595582  | 1579358  | 1585632  | 0.55   | cps   |
| Calcium    | 44-1  | 25338835 | 25224772 | 25179553 | 25247720 | 0.33   | cps   |
| Chromium   | 52-2  | 22952    | 23146    | 23410    | 23169    | 0.99   | cps   |
| Cobalt     | 59-2  | 26946    | 26986    | 27026    | 26986    | 0.15   | cps   |
| Copper     | 63-2  | 30407    | 31001    | 30594    | 30667    | 0.99   | cps   |
| Dysprosium | 156-1 | 50       | 67       | 42       | 53       | 24.12  | cps   |
| Dysprosium | 156-2 | 3        | 3        | 10       | 6        | 69.34  | cps   |
| Erbium     | 164-1 | 33       | 58       | 42       | 44       | 28.64  | cps   |
| Erbium     | 164-2 | 7        | 13       | 7        | 9        | 43.25  | cps   |
| Gadolinium | 160-1 | 75       | 92       | 17       | 61       | 64.44  | cps   |
| Gadolinium | 160-2 | 13       | 10       | 10       | 11       | 17.30  | cps   |
| Holmium    | 165-1 | 6748463  | 6789669  | 6801586  | 6779906  | 0.41   | cps   |
| Holmium    | 165-2 | 1273504  | 1268374  | 1259742  | 1267207  | 0.55   | cps   |
| Indium     | 115-1 | 5169339  | 5181569  | 5134435  | 5161781  | 0.47   | cps   |
| Indium     | 115-2 | 196360   | 193121   | 190514   | 193332   | 1.51   | cps   |
| Iron       | 56-2  | 38983351 | 38814118 | 38599079 | 38798849 | 0.50   | cps   |
| Iron       | 57-2  | 975035   | 967113   | 972627   | 971592   | 0.42   | cps   |
| Lead       | 206-1 | 136749   | 135942   | 136312   | 136334   | 0.30   | cps   |
| Lead       | 207-1 | 114310   | 113268   | 114686   | 114088   | 0.64   | cps   |
| Lead       | 208-1 | 530849   | 528782   | 530761   | 530131   | 0.22   | cps   |
| Lithium    | 6-1   | 787950   | 791524   | 790462   | 789978   | 0.23   | cps   |
| Magnesium  | 24-2  | 1992050  | 2000290  | 1993467  | 1995269  | 0.22   | cps   |
| Manganese  | 55-2  | 4541     | 4567     | 4414     | 4507     | 1.82   | cps   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB92809             | Operator :        | Jaswal    |
| Lab Sample ID :         | ICSAB               | Instrumnet Name : | P8        |
| Client Sample ID :      | ICSAB               | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2018-01-22 14:22:31 | DataFile Name :   | 016ICSB.d |

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|------------|-------|----------|----------|----------|----------|--------|-------|
| Molybdenum | 94-1  | 3924779  | 3925125  | 3948511  | 3932805  | 0.35   | cps   |
| Molybdenum | 95-1  | 6524852  | 6531538  | 6444179  | 6500190  | 0.75   | cps   |
| Molybdenum | 96-1  | 7036900  | 7064223  | 6962268  | 7021130  | 0.75   | cps   |
| Molybdenum | 97-1  | 4143771  | 4154355  | 4181970  | 4160032  | 0.47   | cps   |
| Molybdenum | 98-1  | 10490924 | 10472602 | 10481827 | 10481784 | 0.09   | cps   |
| Neodymium  | 150-1 | 60       | 40       | 47       | 49       | 20.83  | cps   |
| Neodymium  | 150-2 | 0        | 0        | 3        | 1        | 173.21 | cps   |
| Nickel     | 60-2  | 10094    | 9620     | 9860     | 9858     | 2.40   | cps   |
| Phosphorus | 31-2  | 27586    | 26543    | 25883    | 26671    | 3.22   | cps   |
| Potassium  | 39-2  | 1100975  | 1093131  | 1089076  | 1094394  | 0.55   | cps   |
| Rhodium    | 103-1 | 4638714  | 4630274  | 4586713  | 4618567  | 0.60   | cps   |
| Rhodium    | 103-2 | 1116387  | 1110511  | 1108221  | 1111706  | 0.38   | cps   |
| Scandium   | 45-1  | 2757163  | 2746974  | 2725780  | 2743306  | 0.58   | cps   |
| Scandium   | 45-2  | 18806    | 18786    | 18479    | 18690    | 0.98   | cps   |
| Selenium   | 77-2  | 13       | 3        | 7        | 8        | 65.47  | cps   |
| Selenium   | 78-2  | 37       | 37       | 37       | 37       | 0.00   | cps   |
| Selenium   | 82-1  | 2001     | 1912     | 1926     | 1946     | 2.47   | cps   |
| Silicon    | 28-1  | 586517   | 587577   | 584990   | 586361   | 0.22   | cps   |
| Silver     | 109-1 | 147684   | 146154   | 143591   | 145810   | 1.42   | cps   |
| Silver     | 107-1 | 154291   | 151837   | 151880   | 152670   | 0.92   | cps   |
| Sodium     | 23-2  | 4637076  | 4571639  | 4577008  | 4595241  | 0.79   | cps   |
| Strontium  | 86-1  | 183348   | 184835   | 186009   | 184731   | 0.72   | cps   |
| Strontium  | 88-1  | 1630610  | 1649736  | 1655069  | 1645139  | 0.78   | cps   |
| Sulfur     | 34-1  | 2121515  | 2134305  | 2163679  | 2139833  | 1.01   | cps   |
| Terbium    | 159-1 | 6934887  | 6842441  | 6836103  | 6871144  | 0.80   | cps   |
| Terbium    | 159-2 | 1225410  | 1213592  | 1205841  | 1214948  | 0.81   | cps   |
| Thallium   | 203-1 | 135879   | 137318   | 137950   | 137049   | 0.77   | cps   |
| Thallium   | 205-1 | 324949   | 326912   | 325953   | 325938   | 0.30   | cps   |
| Tin        | 118-1 | 306600   | 306000   | 302135   | 304912   | 0.79   | cps   |
| Titanium   | 47-1  | 1611336  | 1616159  | 1612116  | 1613204  | 0.16   | cps   |
| Uranium    | 238-1 | 1254387  | 1252725  | 1258295  | 1255136  | 0.23   | cps   |
| Vanadium   | 51-2  | 8626     | 8656     | 8606     | 8629     | 0.29   | cps   |
| Yttrium    | 89-1  | 5339355  | 5350419  | 5404046  | 5364607  | 0.64   | cps   |
| Yttrium    | 89-2  | 143059   | 142662   | 141295   | 142339   | 0.65   | cps   |
| Zinc       | 66-2  | 3014     | 3420     | 3207     | 3214     | 6.33   | cps   |
| Zirconium  | 90-1  | 643950   | 647127   | 647277   | 646118   | 0.29   | cps   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB92809             | Operator :        | Jaswal    |
| Lab Sample ID :         | ICSAB               | Instrumnet Name : | P8        |
| Client Sample ID :      | ICSAB               | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2018-01-22 14:22:31 | DataFile Name :   | 016ICSB.d |

| Parameter | Mass | CPS1   | CPS2   | CPS3   | CPSMean | CPSRSD | Units |
|-----------|------|--------|--------|--------|---------|--------|-------|
| Zirconium | 91-1 | 144569 | 142614 | 143871 | 143685  | 0.69   | cps   |

|                         |                     |                   |          |
|-------------------------|---------------------|-------------------|----------|
| LB Number :             | LB92809             | Operator :        | Jaswal   |
| Lab Sample ID :         | CCV037              | Instrumnet Name : | P8       |
| Client Sample ID :      | CCV037              | Dilution Factor : | 1        |
| Date & Time Acquired :: | 2018-01-22 14:37:51 | DataFile Name :   | 017CCV.d |

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|------------|-------|----------|----------|----------|----------|--------|-------|
| Aluminium  | 27-2  | 205781   | 201610   | 198721   | 202038   | 1.76   | cps   |
| Antimony   | 121-1 | 3751724  | 3729116  | 3750874  | 3743905  | 0.34   | cps   |
| Arsenic    | 75-2  | 35369    | 35015    | 35005    | 35130    | 0.59   | cps   |
| Barium     | 135-1 | 4072554  | 4053221  | 4153483  | 4093086  | 1.30   | cps   |
| Barium     | 137-1 | 7033704  | 6957973  | 7102827  | 7031501  | 1.03   | cps   |
| Beryllium  | 9-1   | 414338   | 410307   | 415541   | 413396   | 0.66   | cps   |
| Bismuth    | 209-1 | 4340989  | 4280390  | 4402378  | 4341252  | 1.40   | cps   |
| Bismuth    | 209-2 | 949981   | 955273   | 966964   | 957406   | 0.91   | cps   |
| Boron      | 10-1  | 46820    | 46827    | 48784    | 47477    | 2.38   | cps   |
| Boron      | 11-1  | 217889   | 221991   | 224768   | 221549   | 1.56   | cps   |
| Cadmium    | 111-1 | 759641   | 746092   | 751949   | 752561   | 0.90   | cps   |
| Cadmium    | 106-1 | 80893    | 78680    | 77255    | 78943    | 2.32   | cps   |
| Cadmium    | 108-1 | 54125    | 54656    | 53405    | 54062    | 1.16   | cps   |
| Calcium    | 43-1  | 3703050  | 3684244  | 3730920  | 3706072  | 0.63   | cps   |
| Calcium    | 44-1  | 59204405 | 59282047 | 59728783 | 59405078 | 0.48   | cps   |
| Chromium   | 52-2  | 282892   | 282380   | 281229   | 282167   | 0.30   | cps   |
| Cobalt     | 59-2  | 605916   | 607903   | 606900   | 606907   | 0.16   | cps   |
| Copper     | 63-2  | 1030802  | 1030977  | 1031896  | 1031225  | 0.06   | cps   |
| Dysprosium | 156-1 | 150      | 67       | 75       | 97       | 47.21  | cps   |
| Dysprosium | 156-2 | 20       | 10       | 3        | 11       | 75.52  | cps   |
| Erbium     | 164-1 | 42       | 33       | 50       | 42       | 20.00  | cps   |
| Erbium     | 164-2 | 17       | 3        | 3        | 8        | 99.04  | cps   |
| Gadolinium | 160-1 | 67       | 83       | 75       | 75       | 11.11  | cps   |
| Gadolinium | 160-2 | 3        | 23       | 17       | 14       | 70.51  | cps   |
| Holmium    | 165-1 | 6611564  | 6545385  | 6686579  | 6614509  | 1.07   | cps   |
| Holmium    | 165-2 | 1222782  | 1236469  | 1254559  | 1237937  | 1.29   | cps   |
| Indium     | 115-1 | 4969939  | 4915982  | 5002022  | 4962648  | 0.88   | cps   |
| Indium     | 115-2 | 182706   | 184582   | 188053   | 185114   | 1.47   | cps   |
| Iron       | 56-2  | 46579198 | 46661858 | 46276491 | 46505849 | 0.44   | cps   |
| Iron       | 57-2  | 1165293  | 1167705  | 1164238  | 1165745  | 0.15   | cps   |
| Lead       | 206-1 | 2580734  | 2567532  | 2614742  | 2587669  | 0.94   | cps   |
| Lead       | 207-1 | 2342929  | 2352965  | 2401510  | 2365801  | 1.32   | cps   |
| Lead       | 208-1 | 10530721 | 10474752 | 10768718 | 10591397 | 1.47   | cps   |
| Lithium    | 6-1   | 789056   | 791714   | 803349   | 794706   | 0.96   | cps   |
| Magnesium  | 24-2  | 4891486  | 4874665  | 4843889  | 4870013  | 0.50   | cps   |
| Manganese  | 55-2  | 158891   | 160732   | 159387   | 159670   | 0.60   | cps   |

|                         |                     |                   |          |
|-------------------------|---------------------|-------------------|----------|
| LB Number :             | LB92809             | Operator :        | Jaswal   |
| Lab Sample ID :         | CCV037              | Instrumnet Name : | P8       |
| Client Sample ID :      | CCV037              | Dilution Factor : | 1        |
| Date & Time Acquired :: | 2018-01-22 14:37:51 | DataFile Name :   | 017CCV.d |

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|------------|-------|----------|----------|----------|----------|--------|-------|
| Molybdenum | 94-1  | 6294249  | 6214431  | 6269133  | 6259271  | 0.65   | cps   |
| Molybdenum | 95-1  | 7671228  | 7600239  | 7631335  | 7634267  | 0.47   | cps   |
| Molybdenum | 96-1  | 8651796  | 8536683  | 8558205  | 8582228  | 0.71   | cps   |
| Molybdenum | 97-1  | 4951183  | 4886636  | 4882864  | 4906895  | 0.78   | cps   |
| Molybdenum | 98-1  | 12403341 | 12408333 | 12317817 | 12376497 | 0.41   | cps   |
| Neodymium  | 150-1 | 247      | 227      | 333      | 269      | 21.09  | cps   |
| Neodymium  | 150-2 | 3        | 10       | 17       | 10       | 66.70  | cps   |
| Nickel     | 60-2  | 175399   | 176894   | 174129   | 175474   | 0.79   | cps   |
| Phosphorus | 31-2  | 2692     | 2767     | 2509     | 2656     | 5.01   | cps   |
| Potassium  | 39-2  | 1372766  | 1356977  | 1376823  | 1368855  | 0.77   | cps   |
| Rhodium    | 103-1 | 4491523  | 4411351  | 4466754  | 4456543  | 0.92   | cps   |
| Rhodium    | 103-2 | 1057119  | 1058000  | 1078230  | 1064450  | 1.12   | cps   |
| Scandium   | 45-1  | 2702950  | 2676148  | 2730812  | 2703303  | 1.01   | cps   |
| Scandium   | 45-2  | 19177    | 18599    | 18916    | 18897    | 1.53   | cps   |
| Selenium   | 77-2  | 280      | 223      | 327      | 277      | 18.70  | cps   |
| Selenium   | 78-2  | 804      | 835      | 789      | 809      | 2.92   | cps   |
| Selenium   | 82-1  | 45715    | 45986    | 46008    | 45903    | 0.36   | cps   |
| Silicon    | 28-1  | 1898154  | 1923893  | 1979284  | 1933777  | 2.14   | cps   |
| Silver     | 109-1 | 3603224  | 3600070  | 3606909  | 3603401  | 0.09   | cps   |
| Silver     | 107-1 | 3720689  | 3694136  | 3722362  | 3712396  | 0.43   | cps   |
| Sodium     | 23-2  | 11509738 | 11357239 | 11345939 | 11404305 | 0.80   | cps   |
| Strontium  | 86-1  | 1005801  | 1003718  | 994279   | 1001266  | 0.61   | cps   |
| Strontium  | 88-1  | 8753493  | 8657796  | 8664617  | 8691969  | 0.61   | cps   |
| Sulfur     | 34-1  | 506693   | 502931   | 507064   | 505563   | 0.45   | cps   |
| Terbium    | 159-1 | 6757151  | 6723592  | 6786669  | 6755804  | 0.47   | cps   |
| Terbium    | 159-2 | 1172745  | 1176445  | 1196277  | 1181822  | 1.07   | cps   |
| Thallium   | 203-1 | 3200681  | 3187324  | 3248285  | 3212097  | 1.00   | cps   |
| Thallium   | 205-1 | 7558443  | 7430247  | 7576823  | 7521838  | 1.06   | cps   |
| Tin        | 118-1 | 2627492  | 2578696  | 2617587  | 2607925  | 0.99   | cps   |
| Titanium   | 47-1  | 1881604  | 1881334  | 1880037  | 1880992  | 0.04   | cps   |
| Uranium    | 238-1 | 10948540 | 10745104 | 10968905 | 10887516 | 1.14   | cps   |
| Vanadium   | 51-2  | 212267   | 212892   | 211481   | 212213   | 0.33   | cps   |
| Yttrium    | 89-1  | 5268968  | 5184900  | 5253826  | 5235898  | 0.86   | cps   |
| Yttrium    | 89-2  | 138729   | 139874   | 142484   | 140362   | 1.37   | cps   |
| Zinc       | 66-2  | 92237    | 90670    | 92586    | 91831    | 1.11   | cps   |
| Zirconium  | 90-1  | 5311346  | 5316825  | 5274340  | 5300837  | 0.44   | cps   |



|                         |                     |                   |          |
|-------------------------|---------------------|-------------------|----------|
| LB Number :             | LB92809             | Operator :        | Jaswal   |
| Lab Sample ID :         | CCV037              | Instrumnet Name : | P8       |
| Client Sample ID :      | CCV037              | Dilution Factor : | 1        |
| Date & Time Acquired :: | 2018-01-22 14:37:51 | DataFile Name :   | 017CCV.d |

| Parameter | Mass | CPS1    | CPS2    | CPS3    | CPSMean | CPSRSD | Units |
|-----------|------|---------|---------|---------|---------|--------|-------|
| Zirconium | 91-1 | 1174733 | 1161776 | 1160963 | 1165824 | 0.66   | cps   |

LB Number : LB92809 Operator : Jaswal  
 Lab Sample ID : CCB037 Instrumnet Name : P8  
 Client Sample ID : CCB037 Dilution Factor : 1  
 Date & Time Acquired :: 2018-01-22 14:40:53 DataFile Name : 018CCBE.d

| Parameter  | Mass  | CPS1    | CPS2    | CPS3    | CPSMean | CPSRSD | Units |
|------------|-------|---------|---------|---------|---------|--------|-------|
| Aluminium  | 27-2  | 0       | 33      | 8       | 14      | 124.91 | cps   |
| Antimony   | 121-1 | 2025    | 1925    | 1850    | 1934    | 4.54   | cps   |
| Arsenic    | 75-2  | 6       | 9       | 4       | 6       | 45.85  | cps   |
| Barium     | 135-1 | 67      | 33      | 42      | 47      | 36.74  | cps   |
| Barium     | 137-1 | 83      | 108     | 83      | 92      | 15.74  | cps   |
| Beryllium  | 9-1   | 328     | 350     | 311     | 330     | 5.92   | cps   |
| Bismuth    | 209-1 | 4517884 | 4482589 | 4207127 | 4402533 | 3.86   | cps   |
| Bismuth    | 209-2 | 985601  | 974699  | 993382  | 984561  | 0.95   | cps   |
| Boron      | 10-1  | 1750    | 1892    | 2217    | 1953    | 12.25  | cps   |
| Boron      | 11-1  | 8728    | 8970    | 7969    | 8556    | 6.10   | cps   |
| Cadmium    | 111-1 | 739     | 774     | 641     | 718     | 9.59   | cps   |
| Cadmium    | 106-1 | 975     | 1033    | 875     | 961     | 8.33   | cps   |
| Cadmium    | 108-1 | 21      | 17      | 13      | 17      | 24.99  | cps   |
| Calcium    | 43-1  | 800     | 725     | 592     | 706     | 14.96  | cps   |
| Calcium    | 44-1  | 13173   | 12973   | 13382   | 13176   | 1.55   | cps   |
| Chromium   | 52-2  | 160     | 180     | 170     | 170     | 5.88   | cps   |
| Cobalt     | 59-2  | 53      | 63      | 37      | 51      | 26.35  | cps   |
| Copper     | 63-2  | 130     | 157     | 153     | 147     | 9.91   | cps   |
| Dysprosium | 156-1 | 17      | 0       | 0       | 6       | 173.21 | cps   |
| Dysprosium | 156-2 | 0       | 0       | 0       | 0       | 0.00   | cps   |
| Erbium     | 164-1 | 25      | 25      | 25      | 25      | 0.00   | cps   |
| Erbium     | 164-2 | 0       | 0       | 3       | 1       | 173.21 | cps   |
| Gadolinium | 160-1 | 42      | 58      | 58      | 53      | 18.23  | cps   |
| Gadolinium | 160-2 | 0       | 7       | 3       | 3       | 100.05 | cps   |
| Holmium    | 165-1 | 6505683 | 6421574 | 6070207 | 6332488 | 3.65   | cps   |
| Holmium    | 165-2 | 1200777 | 1183398 | 1203718 | 1195965 | 0.92   | cps   |
| Indium     | 115-1 | 5163613 | 5124053 | 4800914 | 5029527 | 3.96   | cps   |
| Indium     | 115-2 | 188135  | 184185  | 190504  | 187608  | 1.70   | cps   |
| Iron       | 56-2  | 3089    | 3045    | 3045    | 3060    | 0.84   | cps   |
| Iron       | 57-2  | 61      | 100     | 72      | 78      | 25.76  | cps   |
| Lead       | 206-1 | 711     | 533     | 467     | 570     | 22.15  | cps   |
| Lead       | 207-1 | 444     | 572     | 461     | 493     | 14.10  | cps   |
| Lead       | 208-1 | 2417    | 2228    | 2050    | 2232    | 8.22   | cps   |
| Lithium    | 6-1   | 817140  | 806709  | 758060  | 793970  | 3.97   | cps   |
| Magnesium  | 24-2  | 383     | 333     | 375     | 364     | 7.36   | cps   |
| Manganese  | 55-2  | 30      | 17      | 33      | 27      | 33.06  | cps   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB92809             | Operator :        | Jaswal    |
| Lab Sample ID :         | CCB037              | Instrumnet Name : | P8        |
| Client Sample ID :      | CCB037              | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2018-01-22 14:40:53 | DataFile Name :   | 018CCBE.d |

| Parameter  | Mass  | CPS1    | CPS2    | CPS3    | CPSMean | CPSRSD | Units |
|------------|-------|---------|---------|---------|---------|--------|-------|
| Molybdenum | 94-1  | 408     | 458     | 333     | 400     | 15.73  | cps   |
| Molybdenum | 95-1  | 483     | 408     | 458     | 450     | 8.49   | cps   |
| Molybdenum | 96-1  | 675     | 442     | 517     | 544     | 21.88  | cps   |
| Molybdenum | 97-1  | 358     | 375     | 250     | 328     | 20.71  | cps   |
| Molybdenum | 98-1  | 750     | 708     | 708     | 722     | 3.33   | cps   |
| Neodymium  | 150-1 | 0       | 7       | 13      | 7       | 99.98  | cps   |
| Neodymium  | 150-2 | 0       | 0       | 0       | 0       | 0.00   | cps   |
| Nickel     | 60-2  | 1013    | 987     | 1047    | 1016    | 2.96   | cps   |
| Phosphorus | 31-2  | 0       | 0       | 8       | 3       | 173.21 | cps   |
| Potassium  | 39-2  | 1925    | 1975    | 2125    | 2009    | 5.18   | cps   |
| Rhodium    | 103-1 | 4677952 | 4674560 | 4392890 | 4581801 | 3.57   | cps   |
| Rhodium    | 103-2 | 1096264 | 1076789 | 1099137 | 1090730 | 1.11   | cps   |
| Scandium   | 45-1  | 2703196 | 2644155 | 2513007 | 2620119 | 3.72   | cps   |
| Scandium   | 45-2  | 18065   | 17875   | 18369   | 18103   | 1.38   | cps   |
| Selenium   | 77-2  | 0       | 0       | 0       | 0       | 0.00   | cps   |
| Selenium   | 78-2  | 2       | 0       | 0       | 1       | 173.21 | cps   |
| Selenium   | 82-1  | 20      | -18     | 10      | 4       | 487.55 | cps   |
| Silicon    | 28-1  | 332179  | 327083  | 321155  | 326806  | 1.69   | cps   |
| Silver     | 109-1 | 150     | 117     | 125     | 131     | 13.29  | cps   |
| Silver     | 107-1 | 142     | 250     | 208     | 200     | 27.32  | cps   |
| Sodium     | 23-2  | 6752    | 7736    | 6660    | 7049    | 8.46   | cps   |
| Strontium  | 86-1  | 483     | 450     | 633     | 522     | 18.70  | cps   |
| Strontium  | 88-1  | 67      | 150     | 117     | 111     | 37.75  | cps   |
| Sulfur     | 34-1  | 299676  | 299937  | 297464  | 299026  | 0.45   | cps   |
| Terbium    | 159-1 | 6765328 | 6648659 | 6233077 | 6549021 | 4.27   | cps   |
| Terbium    | 159-2 | 1146045 | 1127414 | 1150030 | 1141163 | 1.06   | cps   |
| Thallium   | 203-1 | 1025    | 800     | 1008    | 945     | 13.27  | cps   |
| Thallium   | 205-1 | 2484    | 2584    | 2342    | 2470    | 4.92   | cps   |
| Tin        | 118-1 | 850     | 842     | 908     | 867     | 4.19   | cps   |
| Titanium   | 47-1  | 142     | 117     | 125     | 128     | 9.97   | cps   |
| Uranium    | 238-1 | 158     | 150     | 83      | 131     | 31.49  | cps   |
| Vanadium   | 51-2  | 7       | 0       | 0       | 2       | 173.21 | cps   |
| Yttrium    | 89-1  | 5224145 | 5176905 | 4799929 | 5066993 | 4.59   | cps   |
| Yttrium    | 89-2  | 136524  | 132788  | 136111  | 135141  | 1.52   | cps   |
| Zinc       | 66-2  | 33      | 20      | 17      | 23      | 37.78  | cps   |
| Zirconium  | 90-1  | 533     | 558     | 617     | 569     | 7.51   | cps   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB92809             | Operator :        | Jaswal    |
| Lab Sample ID :         | CCB037              | Instrumnet Name : | P8        |
| Client Sample ID :      | CCB037              | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2018-01-22 14:40:53 | DataFile Name :   | 018CCBE.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|-----------|------|------|------|------|---------|--------|-------|
| Zirconium | 91-1 | 117  | 108  | 125  | 117     | 7.14   | cps   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB92809             | Operator :        | Jaswal    |
| Lab Sample ID :         | CRI                 | Instrumnet Name : | P8        |
| Client Sample ID :      | CRI                 | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2018-01-22 14:44:04 | DataFile Name :   | 019SMPL.d |

| Parameter  | Mass  | CPS1    | CPS2    | CPS3    | CPSMean | CPSRSD | Units |
|------------|-------|---------|---------|---------|---------|--------|-------|
| Aluminium  | 27-2  | 108     | 125     | 67      | 100     | 30.05  | cps   |
| Antimony   | 121-1 | 14166   | 14525   | 14842   | 14511   | 2.33   | cps   |
| Arsenic    | 75-2  | 85      | 65      | 50      | 67      | 26.50  | cps   |
| Barium     | 135-1 | 15610   | 14784   | 14851   | 15081   | 3.04   | cps   |
| Barium     | 137-1 | 25667   | 27095   | 26444   | 26402   | 2.71   | cps   |
| Beryllium  | 9-1   | 1117    | 1028    | 1033    | 1059    | 4.70   | cps   |
| Bismuth    | 209-1 | 4501607 | 4328860 | 4130646 | 4320371 | 4.30   | cps   |
| Bismuth    | 209-2 | 1017814 | 1008685 | 1022293 | 1016264 | 0.68   | cps   |
| Boron      | 10-1  | 3109    | 3242    | 3059    | 3137    | 3.02   | cps   |
| Boron      | 11-1  | 14483   | 14249   | 14391   | 14374   | 0.82   | cps   |
| Cadmium    | 111-1 | 2329    | 2236    | 2300    | 2288    | 2.09   | cps   |
| Cadmium    | 106-1 | 1233    | 1142    | 1108    | 1161    | 5.58   | cps   |
| Cadmium    | 108-1 | 121     | 121     | 108     | 117     | 6.19   | cps   |
| Calcium    | 43-1  | 7669    | 8303    | 8036    | 8003    | 3.98   | cps   |
| Calcium    | 44-1  | 125339  | 125072  | 125768  | 125393  | 0.28   | cps   |
| Chromium   | 52-2  | 1357    | 1483    | 1303    | 1381    | 6.69   | cps   |
| Cobalt     | 59-2  | 1313    | 1283    | 1340    | 1312    | 2.16   | cps   |
| Copper     | 63-2  | 2580    | 2397    | 2417    | 2465    | 4.08   | cps   |
| Dysprosium | 156-1 | 8       | 0       | 0       | 3       | 173.21 | cps   |
| Dysprosium | 156-2 | 0       | 0       | 0       | 0       | 0.00   | cps   |
| Erbium     | 164-1 | 17      | 33      | 42      | 31      | 41.66  | cps   |
| Erbium     | 164-2 | 10      | 0       | 10      | 7       | 86.60  | cps   |
| Gadolinium | 160-1 | 25      | 33      | 33      | 31      | 15.74  | cps   |
| Gadolinium | 160-2 | 3       | 0       | 0       | 1       | 173.21 | cps   |
| Holmium    | 165-1 | 6511394 | 6286200 | 5837186 | 6211593 | 5.53   | cps   |
| Holmium    | 165-2 | 1240350 | 1215620 | 1234775 | 1230248 | 1.05   | cps   |
| Indium     | 115-1 | 5108482 | 4992759 | 4595184 | 4898808 | 5.50   | cps   |
| Indium     | 115-2 | 194927  | 190509  | 196015  | 193817  | 1.50   | cps   |
| Iron       | 56-2  | 20510   | 20154   | 21445   | 20703   | 3.22   | cps   |
| Iron       | 57-2  | 483     | 567     | 511     | 520     | 8.15   | cps   |
| Lead       | 206-1 | 5157    | 5262    | 5629    | 5349    | 4.64   | cps   |
| Lead       | 207-1 | 4807    | 4951    | 5068    | 4942    | 2.65   | cps   |
| Lead       | 208-1 | 21358   | 22058   | 22775   | 22064   | 3.21   | cps   |
| Lithium    | 6-1   | 812624  | 785809  | 732687  | 777040  | 5.24   | cps   |
| Magnesium  | 24-2  | 9795    | 10371   | 9329    | 9832    | 5.31   | cps   |
| Manganese  | 55-2  | 177     | 160     | 173     | 170     | 5.19   | cps   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB92809             | Operator :        | Jaswal    |
| Lab Sample ID :         | CRI                 | Instrumnet Name : | P8        |
| Client Sample ID :      | CRI                 | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2018-01-22 14:44:04 | DataFile Name :   | 019SMPL.d |

| Parameter  | Mass  | CPS1    | CPS2    | CPS3    | CPSMean | CPSRSD | Units |
|------------|-------|---------|---------|---------|---------|--------|-------|
| Molybdenum | 94-1  | 12073   | 12556   | 11464   | 12031   | 4.55   | cps   |
| Molybdenum | 95-1  | 14617   | 14050   | 13899   | 14189   | 2.67   | cps   |
| Molybdenum | 96-1  | 16010   | 15618   | 16002   | 15877   | 1.41   | cps   |
| Molybdenum | 97-1  | 8812    | 8995    | 9512    | 9106    | 3.99   | cps   |
| Molybdenum | 98-1  | 23454   | 23446   | 23496   | 23466   | 0.11   | cps   |
| Neodymium  | 150-1 | 13      | 0       | 0       | 4       | 173.21 | cps   |
| Neodymium  | 150-2 | 0       | 0       | 0       | 0       | 0.00   | cps   |
| Nickel     | 60-2  | 1373    | 1480    | 1253    | 1369    | 8.28   | cps   |
| Phosphorus | 31-2  | 0       | 25      | 17      | 14      | 91.65  | cps   |
| Potassium  | 39-2  | 6635    | 6860    | 7402    | 6966    | 5.66   | cps   |
| Rhodium    | 103-1 | 4627834 | 4513356 | 4242494 | 4461228 | 4.44   | cps   |
| Rhodium    | 103-2 | 1131208 | 1106574 | 1132858 | 1123546 | 1.31   | cps   |
| Scandium   | 45-1  | 2629358 | 2570691 | 2386826 | 2528958 | 5.00   | cps   |
| Scandium   | 45-2  | 19003   | 18412   | 18910   | 18775   | 1.69   | cps   |
| Selenium   | 77-2  | 7       | 3       | 3       | 4       | 43.40  | cps   |
| Selenium   | 78-2  | 7       | 6       | 19      | 10      | 66.78  | cps   |
| Selenium   | 82-1  | 401     | 456     | 434     | 431     | 6.39   | cps   |
| Silicon    | 28-1  | 351191  | 347766  | 353802  | 350920  | 0.86   | cps   |
| Silver     | 109-1 | 7319    | 7127    | 6977    | 7141    | 2.40   | cps   |
| Silver     | 107-1 | 7519    | 7311    | 7177    | 7336    | 2.35   | cps   |
| Sodium     | 23-2  | 28513   | 27978   | 27669   | 28054   | 1.52   | cps   |
| Strontium  | 86-1  | 2200    | 2459    | 2525    | 2395    | 7.17   | cps   |
| Strontium  | 88-1  | 16444   | 16652   | 15718   | 16271   | 3.01   | cps   |
| Sulfur     | 34-1  | 297759  | 302056  | 302081  | 300632  | 0.83   | cps   |
| Terbium    | 159-1 | 6599150 | 6453484 | 6085678 | 6379437 | 4.15   | cps   |
| Terbium    | 159-2 | 1187465 | 1169761 | 1187684 | 1181637 | 0.87   | cps   |
| Thallium   | 203-1 | 7219    | 6794    | 7227    | 7080    | 3.50   | cps   |
| Thallium   | 205-1 | 16453   | 17087   | 16103   | 16548   | 3.02   | cps   |
| Tin        | 118-1 | 26185   | 24824   | 25008   | 25339   | 2.92   | cps   |
| Titanium   | 47-1  | 3609    | 3676    | 3551    | 3612    | 1.73   | cps   |
| Uranium    | 238-1 | 20125   | 20184   | 19324   | 19878   | 2.42   | cps   |
| Vanadium   | 51-2  | 2067    | 1944    | 2000    | 2004    | 3.08   | cps   |
| Yttrium    | 89-1  | 5173046 | 5002769 | 4672609 | 4949474 | 5.14   | cps   |
| Yttrium    | 89-2  | 138854  | 137591  | 141817  | 139421  | 1.56   | cps   |
| Zinc       | 66-2  | 247     | 300     | 187     | 244     | 23.20  | cps   |
| Zirconium  | 90-1  | 11130   | 10763   | 10763   | 10885   | 1.95   | cps   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB92809             | Operator :        | Jaswal    |
| Lab Sample ID :         | CRI                 | Instrumnet Name : | P8        |
| Client Sample ID :      | CRI                 | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2018-01-22 14:44:04 | DataFile Name :   | 019SMPL.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|-----------|------|------|------|------|---------|--------|-------|
| Zirconium | 91-1 | 2092 | 2392 | 2325 | 2270    | 6.94   | cps   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB92809             | Operator :        | Jaswal    |
| Lab Sample ID :         | PB105856BL          | Instrumnet Name : | P8        |
| Client Sample ID :      | PBS008              | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2018-01-22 14:47:15 | DataFile Name :   | 020CCBE.d |

| Parameter  | Mass  | CPS1    | CPS2    | CPS3    | CPSMean | CPSRSD | Units |
|------------|-------|---------|---------|---------|---------|--------|-------|
| Aluminium  | 27-2  | 8       | 0       | 17      | 8       | 100.02 | cps   |
| Antimony   | 121-1 | 358     | 458     | 342     | 386     | 16.34  | cps   |
| Arsenic    | 75-2  | 2       | 2       | 4       | 2       | 43.30  | cps   |
| Barium     | 135-1 | 8       | 25      | 25      | 19      | 49.50  | cps   |
| Barium     | 137-1 | 58      | 42      | 17      | 39      | 53.93  | cps   |
| Beryllium  | 9-1   | 239     | 233     | 217     | 230     | 5.04   | cps   |
| Bismuth    | 209-1 | 4524843 | 4499191 | 4591867 | 4538634 | 1.05   | cps   |
| Bismuth    | 209-2 | 970960  | 1007170 | 1025710 | 1001280 | 2.78   | cps   |
| Boron      | 10-1  | 942     | 892     | 950     | 928     | 3.40   | cps   |
| Boron      | 11-1  | 4468    | 4209    | 4067    | 4248    | 4.78   | cps   |
| Cadmium    | 111-1 | 828     | 797     | 655     | 760     | 12.10  | cps   |
| Cadmium    | 106-1 | 1133    | 1133    | 925     | 1064    | 11.31  | cps   |
| Cadmium    | 108-1 | 4       | 13      | 13      | 10      | 49.46  | cps   |
| Calcium    | 43-1  | 750     | 808     | 708     | 756     | 6.65   | cps   |
| Calcium    | 44-1  | 12573   | 12356   | 12198   | 12375   | 1.52   | cps   |
| Chromium   | 52-2  | 203     | 190     | 190     | 194     | 3.96   | cps   |
| Cobalt     | 59-2  | 40      | 67      | 57      | 54      | 24.75  | cps   |
| Copper     | 63-2  | 83      | 103     | 117     | 101     | 16.59  | cps   |
| Dysprosium | 156-1 | 17      | 17      | 17      | 17      | 0.00   | cps   |
| Dysprosium | 156-2 | 3       | 0       | 0       | 1       | 173.21 | cps   |
| Erbium     | 164-1 | 25      | 50      | 8       | 28      | 75.51  | cps   |
| Erbium     | 164-2 | 10      | 7       | 0       | 6       | 91.64  | cps   |
| Gadolinium | 160-1 | 33      | 33      | 42      | 36      | 13.33  | cps   |
| Gadolinium | 160-2 | 0       | 0       | 0       | 0       | 0.00   | cps   |
| Holmium    | 165-1 | 6513423 | 6505435 | 6503525 | 6507461 | 0.08   | cps   |
| Holmium    | 165-2 | 1175570 | 1235189 | 1245583 | 1218781 | 3.10   | cps   |
| Indium     | 115-1 | 5120421 | 5106205 | 5154985 | 5127204 | 0.49   | cps   |
| Indium     | 115-2 | 184006  | 195321  | 196522  | 191949  | 3.60   | cps   |
| Iron       | 56-2  | 2111    | 1945    | 2106    | 2054    | 4.61   | cps   |
| Iron       | 57-2  | 78      | 22      | 72      | 57      | 53.30  | cps   |
| Lead       | 206-1 | 472     | 483     | 511     | 489     | 4.10   | cps   |
| Lead       | 207-1 | 328     | 356     | 261     | 315     | 15.42  | cps   |
| Lead       | 208-1 | 1689    | 1633    | 1672    | 1665    | 1.71   | cps   |
| Lithium    | 6-1   | 813812  | 808034  | 807417  | 809754  | 0.44   | cps   |
| Magnesium  | 24-2  | 425     | 450     | 408     | 428     | 4.90   | cps   |
| Manganese  | 55-2  | 10      | 20      | 7       | 12      | 56.76  | cps   |



|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB92809             | Operator :        | Jaswal    |
| Lab Sample ID :         | PB105856BL          | Instrumnet Name : | P8        |
| Client Sample ID :      | PBS008              | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2018-01-22 14:47:15 | DataFile Name :   | 020CCBE.d |

| Parameter  | Mass  | CPS1    | CPS2    | CPS3    | CPSMean | CPSRSD | Units |
|------------|-------|---------|---------|---------|---------|--------|-------|
| Molybdenum | 94-1  | 200     | 200     | 117     | 172     | 27.94  | cps   |
| Molybdenum | 95-1  | 125     | 117     | 133     | 125     | 6.67   | cps   |
| Molybdenum | 96-1  | 183     | 158     | 167     | 169     | 7.51   | cps   |
| Molybdenum | 97-1  | 75      | 50      | 25      | 50      | 50.00  | cps   |
| Molybdenum | 98-1  | 217     | 208     | 217     | 214     | 2.25   | cps   |
| Neodymium  | 150-1 | 7       | 7       | 7       | 7       | 0.00   | cps   |
| Neodymium  | 150-2 | 0       | 0       | 0       | 0       | 0.00   | cps   |
| Nickel     | 60-2  | 973     | 877     | 923     | 924     | 5.23   | cps   |
| Phosphorus | 31-2  | 0       | 8       | 0       | 3       | 173.21 | cps   |
| Potassium  | 39-2  | 1842    | 2092    | 1900    | 1945    | 6.73   | cps   |
| Rhodium    | 103-1 | 4647825 | 4643099 | 4675697 | 4655540 | 0.38   | cps   |
| Rhodium    | 103-2 | 1074825 | 1130252 | 1142906 | 1115995 | 3.24   | cps   |
| Scandium   | 45-1  | 2684259 | 2665747 | 2640167 | 2663391 | 0.83   | cps   |
| Scandium   | 45-2  | 17698   | 18522   | 19070   | 18430   | 3.75   | cps   |
| Selenium   | 77-2  | 0       | 0       | 0       | 0       | 0.00   | cps   |
| Selenium   | 78-2  | 0       | 0       | 0       | 0       | 0.00   | cps   |
| Selenium   | 82-1  | -18     | 63      | -5      | 13      | 324.61 | cps   |
| Silicon    | 28-1  | 307415  | 302753  | 307417  | 305862  | 0.88   | cps   |
| Silver     | 109-1 | 117     | 142     | 92      | 117     | 21.43  | cps   |
| Silver     | 107-1 | 108     | 83      | 83      | 92      | 15.74  | cps   |
| Sodium     | 23-2  | 6235    | 6318    | 6343    | 6299    | 0.90   | cps   |
| Strontium  | 86-1  | 400     | 350     | 433     | 394     | 10.63  | cps   |
| Strontium  | 88-1  | 100     | 75      | 75      | 83      | 17.33  | cps   |
| Sulfur     | 34-1  | 304707  | 302860  | 303905  | 303824  | 0.30   | cps   |
| Terbium    | 159-1 | 6721561 | 6695010 | 6717872 | 6711481 | 0.21   | cps   |
| Terbium    | 159-2 | 1122134 | 1179347 | 1195303 | 1165594 | 3.30   | cps   |
| Thallium   | 203-1 | 625     | 392     | 442     | 486     | 25.27  | cps   |
| Thallium   | 205-1 | 1317    | 1350    | 1117    | 1261    | 10.01  | cps   |
| Tin        | 118-1 | 533     | 625     | 733     | 631     | 15.88  | cps   |
| Titanium   | 47-1  | 83      | 92      | 108     | 94      | 13.48  | cps   |
| Uranium    | 238-1 | 42      | 42      | 17      | 33      | 43.30  | cps   |
| Vanadium   | 51-2  | 3       | 13      | 7       | 8       | 65.47  | cps   |
| Yttrium    | 89-1  | 5182788 | 5227541 | 5187763 | 5199364 | 0.47   | cps   |
| Yttrium    | 89-2  | 133602  | 138793  | 140783  | 137726  | 2.69   | cps   |
| Zinc       | 66-2  | 13      | 20      | 23      | 19      | 26.96  | cps   |
| Zirconium  | 90-1  | 258     | 392     | 383     | 344     | 21.68  | cps   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB92809             | Operator :        | Jaswal    |
| Lab Sample ID :         | PB105856BL          | Instrumnet Name : | P8        |
| Client Sample ID :      | PBS008              | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2018-01-22 14:47:15 | DataFile Name :   | 020CCBE.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|-----------|------|------|------|------|---------|--------|-------|
| Zirconium | 91-1 | 50   | 83   | 92   | 75      | 29.40  | cps   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB92809             | Operator :        | Jaswal    |
| Lab Sample ID :         | PB105856BS          | Instrumnet Name : | P8        |
| Client Sample ID :      | LCS008              | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2018-01-22 14:50:26 | DataFile Name :   | 021LCSE.d |

| Parameter  | Mass  | CPS1    | CPS2    | CPS3    | CPSMean | CPSRSD | Units |
|------------|-------|---------|---------|---------|---------|--------|-------|
| Aluminium  | 27-2  | 183     | 183     | 158     | 175     | 8.25   | cps   |
| Antimony   | 121-1 | 28231   | 28765   | 27671   | 28222   | 1.94   | cps   |
| Arsenic    | 75-2  | 135     | 165     | 139     | 146     | 11.04  | cps   |
| Barium     | 135-1 | 30896   | 30235   | 30519   | 30550   | 1.08   | cps   |
| Barium     | 137-1 | 52948   | 53451   | 53258   | 53219   | 0.48   | cps   |
| Beryllium  | 9-1   | 1789    | 1722    | 1817    | 1776    | 2.73   | cps   |
| Bismuth    | 209-1 | 4249649 | 4559732 | 4538796 | 4449392 | 3.89   | cps   |
| Bismuth    | 209-2 | 1025988 | 1020818 | 1020031 | 1022279 | 0.32   | cps   |
| Boron      | 10-1  | 4876    | 4451    | 4851    | 4726    | 5.05   | cps   |
| Boron      | 11-1  | 21876   | 23378   | 23946   | 23067   | 4.64   | cps   |
| Cadmium    | 111-1 | 3837    | 3938    | 3645    | 3807    | 3.90   | cps   |
| Cadmium    | 106-1 | 1375    | 1483    | 1167    | 1342    | 12.00  | cps   |
| Cadmium    | 108-1 | 233     | 204     | 233     | 224     | 7.53   | cps   |
| Calcium    | 43-1  | 15426   | 14508   | 14725   | 14886   | 3.22   | cps   |
| Calcium    | 44-1  | 240696  | 241751  | 237815  | 240088  | 0.85   | cps   |
| Chromium   | 52-2  | 2507    | 2484    | 2537    | 2509    | 1.07   | cps   |
| Cobalt     | 59-2  | 2517    | 2524    | 2474    | 2505    | 1.08   | cps   |
| Copper     | 63-2  | 4297    | 4257    | 4401    | 4319    | 1.71   | cps   |
| Dysprosium | 156-1 | 8       | 17      | 8       | 11      | 43.34  | cps   |
| Dysprosium | 156-2 | 0       | 0       | 0       | 0       | 0.00   | cps   |
| Erbium     | 164-1 | 42      | 42      | 33      | 39      | 12.38  | cps   |
| Erbium     | 164-2 | 3       | 10      | 20      | 11      | 75.52  | cps   |
| Gadolinium | 160-1 | 25      | 25      | 33      | 28      | 17.31  | cps   |
| Gadolinium | 160-2 | 13      | 3       | 23      | 13      | 75.02  | cps   |
| Holmium    | 165-1 | 6110715 | 6469286 | 6553599 | 6377867 | 3.69   | cps   |
| Holmium    | 165-2 | 1248295 | 1252536 | 1244452 | 1248428 | 0.32   | cps   |
| Indium     | 115-1 | 4776917 | 5102860 | 5132067 | 5003948 | 3.94   | cps   |
| Indium     | 115-2 | 197424  | 194887  | 194101  | 195471  | 0.89   | cps   |
| Iron       | 56-2  | 170664  | 172549  | 171676  | 171630  | 0.55   | cps   |
| Iron       | 57-2  | 4356    | 4445    | 4395    | 4399    | 1.01   | cps   |
| Lead       | 206-1 | 10733   | 10405   | 10671   | 10603   | 1.65   | cps   |
| Lead       | 207-1 | 9787    | 9760    | 9876    | 9808    | 0.62   | cps   |
| Lead       | 208-1 | 43447   | 43219   | 43747   | 43471   | 0.61   | cps   |
| Lithium    | 6-1   | 760593  | 810982  | 811726  | 794434  | 3.69   | cps   |
| Magnesium  | 24-2  | 19139   | 19147   | 19898   | 19394   | 2.25   | cps   |
| Manganese  | 55-2  | 400     | 400     | 373     | 391     | 3.94   | cps   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB92809             | Operator :        | Jaswal    |
| Lab Sample ID :         | PB105856BS          | Instrumnet Name : | P8        |
| Client Sample ID :      | LCS008              | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2018-01-22 14:50:26 | DataFile Name :   | 021LCSE.d |

| Parameter  | Mass  | CPS1    | CPS2    | CPS3    | CPSMean | CPSRSD | Units |
|------------|-------|---------|---------|---------|---------|--------|-------|
| Molybdenum | 94-1  | 23647   | 23413   | 24131   | 23730   | 1.54   | cps   |
| Molybdenum | 95-1  | 28138   | 28639   | 29024   | 28600   | 1.55   | cps   |
| Molybdenum | 96-1  | 32899   | 32231   | 31521   | 32217   | 2.14   | cps   |
| Molybdenum | 97-1  | 18263   | 18855   | 17779   | 18299   | 2.95   | cps   |
| Molybdenum | 98-1  | 46189   | 45720   | 45745   | 45885   | 0.57   | cps   |
| Neodymium  | 150-1 | 0       | 0       | 0       | 0       | 0.00   | cps   |
| Neodymium  | 150-2 | 0       | 0       | 0       | 0       | 0.00   | cps   |
| Nickel     | 60-2  | 1713    | 1710    | 1767    | 1730    | 1.84   | cps   |
| Phosphorus | 31-2  | 8       | 0       | 17      | 8       | 100.02 | cps   |
| Potassium  | 39-2  | 12698   | 12006   | 12256   | 12320   | 2.85   | cps   |
| Rhodium    | 103-1 | 4329523 | 4695699 | 4667093 | 4564105 | 4.46   | cps   |
| Rhodium    | 103-2 | 1140580 | 1132400 | 1132904 | 1135295 | 0.40   | cps   |
| Scandium   | 45-1  | 2493884 | 2622809 | 2669921 | 2595538 | 3.51   | cps   |
| Scandium   | 45-2  | 18976   | 19050   | 18015   | 18680   | 3.09   | cps   |
| Selenium   | 77-2  | 3       | 3       | 0       | 2       | 86.60  | cps   |
| Selenium   | 78-2  | 24      | 17      | 17      | 19      | 22.33  | cps   |
| Selenium   | 82-1  | 923     | 922     | 866     | 904     | 3.61   | cps   |
| Silicon    | 28-1  | 395976  | 389927  | 386615  | 390839  | 1.21   | cps   |
| Silver     | 109-1 | 14250   | 14383   | 14500   | 14378   | 0.87   | cps   |
| Silver     | 107-1 | 15660   | 14175   | 15318   | 15051   | 5.17   | cps   |
| Sodium     | 23-2  | 49429   | 50960   | 50357   | 50249   | 1.54   | cps   |
| Strontium  | 86-1  | 4734    | 3909    | 3951    | 4198    | 11.07  | cps   |
| Strontium  | 88-1  | 34662   | 32790   | 31729   | 33061   | 4.49   | cps   |
| Sulfur     | 34-1  | 299724  | 300957  | 304466  | 301716  | 0.82   | cps   |
| Terbium    | 159-1 | 6264020 | 6753440 | 6707929 | 6575130 | 4.11   | cps   |
| Terbium    | 159-2 | 1193927 | 1189325 | 1182311 | 1188521 | 0.49   | cps   |
| Thallium   | 203-1 | 12515   | 13658   | 12707   | 12960   | 4.72   | cps   |
| Thallium   | 205-1 | 31089   | 31073   | 32008   | 31390   | 1.71   | cps   |
| Tin        | 118-1 | 48414   | 48606   | 48824   | 48615   | 0.42   | cps   |
| Titanium   | 47-1  | 7135    | 7477    | 7044    | 7219    | 3.16   | cps   |
| Uranium    | 238-1 | 42013   | 40618   | 39798   | 40810   | 2.74   | cps   |
| Vanadium   | 51-2  | 4094    | 4091    | 3841    | 4008    | 3.63   | cps   |
| Yttrium    | 89-1  | 4841198 | 5215716 | 5253994 | 5103636 | 4.47   | cps   |
| Yttrium    | 89-2  | 141683  | 140275  | 140962  | 140973  | 0.50   | cps   |
| Zinc       | 66-2  | 387     | 393     | 463     | 414     | 10.25  | cps   |
| Zirconium  | 90-1  | 20533   | 19974   | 20683   | 20397   | 1.83   | cps   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB92809             | Operator :        | Jaswal    |
| Lab Sample ID :         | PB105856BS          | Instrumnet Name : | P8        |
| Client Sample ID :      | LCS008              | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2018-01-22 14:50:26 | DataFile Name :   | 021LCSE.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|-----------|------|------|------|------|---------|--------|-------|
| Zirconium | 91-1 | 4526 | 4584 | 4934 | 4682    | 4.72   | cps   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB92809             | Operator :        | Jaswal    |
| Lab Sample ID :         | J1225-01            | Instrumnet Name : | P8        |
| Client Sample ID :      | MF6A63              | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2018-01-22 14:56:05 | DataFile Name :   | 022SMPL.d |

| Parameter  | Mass  | CPS1    | CPS2    | CPS3    | CPSMean | CPSRSD | Units |
|------------|-------|---------|---------|---------|---------|--------|-------|
| Aluminium  | 27-2  | 45658   | 44906   | 44036   | 44867   | 1.81   | cps   |
| Antimony   | 121-1 | 2150    | 2067    | 2450    | 2223    | 9.07   | cps   |
| Arsenic    | 75-2  | 2000    | 2198    | 2065    | 2088    | 4.84   | cps   |
| Barium     | 135-1 | 535865  | 535913  | 536155  | 535978  | 0.03   | cps   |
| Barium     | 137-1 | 934496  | 937448  | 923919  | 931954  | 0.76   | cps   |
| Beryllium  | 9-1   | 1500    | 1728    | 1722    | 1650    | 7.88   | cps   |
| Bismuth    | 209-1 | 4590066 | 4570548 | 4569746 | 4576787 | 0.25   | cps   |
| Bismuth    | 209-2 | 1024946 | 941923  | 1008014 | 991628  | 4.42   | cps   |
| Boron      | 10-1  | 633     | 858     | 783     | 758     | 15.11  | cps   |
| Boron      | 11-1  | 3342    | 3659    | 3867    | 3623    | 7.30   | cps   |
| Cadmium    | 111-1 | 853     | 1036    | 941     | 943     | 9.70   | cps   |
| Cadmium    | 106-1 | 1050    | 1267    | 1117    | 1145    | 9.70   | cps   |
| Cadmium    | 108-1 | 46      | 67      | 58      | 57      | 18.42  | cps   |
| Calcium    | 43-1  | 143374  | 143140  | 145008  | 143841  | 0.71   | cps   |
| Calcium    | 44-1  | 2376314 | 2381486 | 2378670 | 2378824 | 0.11   | cps   |
| Chromium   | 52-2  | 23840   | 24545   | 23507   | 23964   | 2.21   | cps   |
| Cobalt     | 59-2  | 19237   | 19597   | 19193   | 19343   | 1.15   | cps   |
| Copper     | 63-2  | 36528   | 36785   | 36371   | 36562   | 0.57   | cps   |
| Dysprosium | 156-1 | 42980   | 43431   | 43281   | 43231   | 0.53   | cps   |
| Dysprosium | 156-2 | 8343    | 8379    | 8633    | 8452    | 1.87   | cps   |
| Erbium     | 164-1 | 33143   | 33419   | 34104   | 33555   | 1.47   | cps   |
| Erbium     | 164-2 | 5858    | 5778    | 5995    | 5877    | 1.87   | cps   |
| Gadolinium | 160-1 | 39494   | 40456   | 41116   | 40355   | 2.02   | cps   |
| Gadolinium | 160-2 | 10364   | 10204   | 10111   | 10226   | 1.25   | cps   |
| Holmium    | 165-1 | 6570294 | 6640026 | 6583553 | 6597958 | 0.56   | cps   |
| Holmium    | 165-2 | 1260997 | 1159021 | 1239699 | 1219906 | 4.41   | cps   |
| Indium     | 115-1 | 5138485 | 5145236 | 5164306 | 5149342 | 0.26   | cps   |
| Indium     | 115-2 | 195673  | 179643  | 190869  | 188728  | 4.36   | cps   |
| Iron       | 56-2  | 9002495 | 9015878 | 8932950 | 8983774 | 0.50   | cps   |
| Iron       | 57-2  | 227324  | 225935  | 224739  | 225999  | 0.57   | cps   |
| Lead       | 206-1 | 181014  | 177967  | 177979  | 178987  | 0.98   | cps   |
| Lead       | 207-1 | 146946  | 147345  | 148132  | 147474  | 0.41   | cps   |
| Lead       | 208-1 | 696058  | 694762  | 694523  | 695114  | 0.12   | cps   |
| Lithium    | 6-1   | 814847  | 814814  | 809478  | 813046  | 0.38   | cps   |
| Magnesium  | 24-2  | 58337   | 58128   | 58312   | 58259   | 0.20   | cps   |
| Manganese  | 55-2  | 75918   | 75982   | 76156   | 76019   | 0.16   | cps   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB92809             | Operator :        | Jaswal    |
| Lab Sample ID :         | J1225-01            | Instrumnet Name : | P8        |
| Client Sample ID :      | MF6A63              | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2018-01-22 14:56:05 | DataFile Name :   | 022SMPL.d |

| Parameter  | Mass  | CPS1    | CPS2    | CPS3    | CPSMean | CPSRSD | Units |
|------------|-------|---------|---------|---------|---------|--------|-------|
| Molybdenum | 94-1  | 8620    | 8595    | 8345    | 8520    | 1.79   | cps   |
| Molybdenum | 95-1  | 1792    | 2050    | 2025    | 1956    | 7.29   | cps   |
| Molybdenum | 96-1  | 3409    | 4076    | 3859    | 3781    | 9.00   | cps   |
| Molybdenum | 97-1  | 1325    | 1550    | 883     | 1253    | 27.07  | cps   |
| Molybdenum | 98-1  | 3101    | 3092    | 3051    | 3081    | 0.87   | cps   |
| Neodymium  | 150-1 | 69552   | 71649   | 69719   | 70306   | 1.66   | cps   |
| Neodymium  | 150-2 | 8536    | 8653    | 8359    | 8516    | 1.74   | cps   |
| Nickel     | 60-2  | 5691    | 5504    | 5214    | 5470    | 4.39   | cps   |
| Phosphorus | 31-2  | 25      | 0       | 0       | 8       | 173.21 | cps   |
| Potassium  | 39-2  | 6844    | 7002    | 6552    | 6799    | 3.36   | cps   |
| Rhodium    | 103-1 | 4708203 | 4687126 | 4710261 | 4701863 | 0.27   | cps   |
| Rhodium    | 103-2 | 1147656 | 1049288 | 1129782 | 1108909 | 4.73   | cps   |
| Scandium   | 45-1  | 2729675 | 2740229 | 2737022 | 2735642 | 0.20   | cps   |
| Scandium   | 45-2  | 19377   | 17685   | 19033   | 18698   | 4.78   | cps   |
| Selenium   | 77-2  | 23      | 37      | 27      | 29      | 24.03  | cps   |
| Selenium   | 78-2  | 13      | 17      | 22      | 17      | 26.96  | cps   |
| Selenium   | 82-1  | 110     | 20      | 3       | 44      | 130.48 | cps   |
| Silicon    | 28-1  | 4496089 | 4553400 | 4428278 | 4492589 | 1.39   | cps   |
| Silver     | 109-1 | 1108    | 1442    | 1225    | 1258    | 13.44  | cps   |
| Silver     | 107-1 | 1383    | 1467    | 1358    | 1403    | 4.04   | cps   |
| Sodium     | 23-2  | 21584   | 20908   | 21517   | 21336   | 1.75   | cps   |
| Strontium  | 86-1  | 93108   | 94585   | 94661   | 94118   | 0.93   | cps   |
| Strontium  | 88-1  | 816418  | 818068  | 808754  | 814413  | 0.61   | cps   |
| Sulfur     | 34-1  | 289229  | 290248  | 284075  | 287850  | 1.15   | cps   |
| Terbium    | 159-1 | 6885559 | 6842898 | 6777163 | 6835207 | 0.80   | cps   |
| Terbium    | 159-2 | 1204366 | 1104245 | 1191609 | 1166740 | 4.67   | cps   |
| Thallium   | 203-1 | 2100    | 1917    | 1867    | 1961    | 6.26   | cps   |
| Thallium   | 205-1 | 5076    | 4968    | 5001    | 5015    | 1.11   | cps   |
| Tin        | 118-1 | 4584    | 4751    | 4876    | 4737    | 3.09   | cps   |
| Titanium   | 47-1  | 10596   | 11560   | 10171   | 10776   | 6.61   | cps   |
| Uranium    | 238-1 | 33713   | 33588   | 33521   | 33607   | 0.29   | cps   |
| Vanadium   | 51-2  | 22532   | 22341   | 21764   | 22212   | 1.80   | cps   |
| Yttrium    | 89-1  | 5698119 | 5652735 | 5655873 | 5668909 | 0.45   | cps   |
| Yttrium    | 89-2  | 152517  | 141591  | 152329  | 148812  | 4.20   | cps   |
| Zinc       | 66-2  | 7846    | 7849    | 7716    | 7803    | 0.98   | cps   |
| Zirconium  | 90-1  | 21218   | 20867   | 20508   | 20864   | 1.70   | cps   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB92809             | Operator :        | Jaswal    |
| Lab Sample ID :         | J1225-01            | Instrumnet Name : | P8        |
| Client Sample ID :      | MF6A63              | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2018-01-22 14:56:05 | DataFile Name :   | 022SMPL.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|-----------|------|------|------|------|---------|--------|-------|
| Zirconium | 91-1 | 5001 | 4926 | 4584 | 4837    | 4.59   | cps   |



|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB92809             | Operator :        | Jaswal    |
| Lab Sample ID :         | J1225-02            | Instrumnet Name : | P8        |
| Client Sample ID :      | MF6A64              | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2018-01-22 14:59:15 | DataFile Name :   | 023SMPL.d |

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|------------|-------|----------|----------|----------|----------|--------|-------|
| Aluminium  | 27-2  | 60212    | 59559    | 61083    | 60285    | 1.27   | cps   |
| Antimony   | 121-1 | 2842     | 2842     | 3067     | 2917     | 4.45   | cps   |
| Arsenic    | 75-2  | 2165     | 2121     | 2185     | 2157     | 1.54   | cps   |
| Barium     | 135-1 | 1159256  | 1150938  | 1152789  | 1154328  | 0.38   | cps   |
| Barium     | 137-1 | 2066780  | 2044280  | 2042205  | 2051088  | 0.66   | cps   |
| Beryllium  | 9-1   | 3106     | 3745     | 3506     | 3452     | 9.35   | cps   |
| Bismuth    | 209-1 | 4628196  | 4714773  | 4631647  | 4658206  | 1.05   | cps   |
| Bismuth    | 209-2 | 1047997  | 1039086  | 1039173  | 1042085  | 0.49   | cps   |
| Boron      | 10-1  | 692      | 833      | 858      | 795      | 11.31  | cps   |
| Boron      | 11-1  | 3251     | 3309     | 3342     | 3301     | 1.41   | cps   |
| Cadmium    | 111-1 | 1613     | 1461     | 1573     | 1549     | 5.09   | cps   |
| Cadmium    | 106-1 | 1492     | 1400     | 1559     | 1483     | 5.36   | cps   |
| Cadmium    | 108-1 | 63       | 75       | 92       | 76       | 19.16  | cps   |
| Calcium    | 43-1  | 172631   | 170500   | 172473   | 171868   | 0.69   | cps   |
| Calcium    | 44-1  | 2835010  | 2821389  | 2828485  | 2828295  | 0.24   | cps   |
| Chromium   | 52-2  | 11999    | 12005    | 11885    | 11963    | 0.56   | cps   |
| Cobalt     | 59-2  | 40305    | 41137    | 40586    | 40676    | 1.04   | cps   |
| Copper     | 63-2  | 45658    | 46070    | 46832    | 46187    | 1.29   | cps   |
| Dysprosium | 156-1 | 143505   | 143463   | 142073   | 143014   | 0.57   | cps   |
| Dysprosium | 156-2 | 30786    | 30081    | 30643    | 30503    | 1.22   | cps   |
| Erbium     | 164-1 | 134185   | 133630   | 132999   | 133605   | 0.44   | cps   |
| Erbium     | 164-2 | 23926    | 23755    | 23622    | 23767    | 0.64   | cps   |
| Gadolinium | 160-1 | 148555   | 148774   | 149110   | 148813   | 0.19   | cps   |
| Gadolinium | 160-2 | 37631    | 37049    | 37370    | 37350    | 0.78   | cps   |
| Holmium    | 165-1 | 6885888  | 6870685  | 6869268  | 6875280  | 0.13   | cps   |
| Holmium    | 165-2 | 1300965  | 1299141  | 1299668  | 1299925  | 0.07   | cps   |
| Indium     | 115-1 | 5297739  | 5264708  | 5225626  | 5262691  | 0.69   | cps   |
| Indium     | 115-2 | 198384   | 198165   | 198769   | 198439   | 0.15   | cps   |
| Iron       | 56-2  | 16060282 | 16132259 | 16083569 | 16092037 | 0.23   | cps   |
| Iron       | 57-2  | 402597   | 403176   | 401516   | 402430   | 0.21   | cps   |
| Lead       | 206-1 | 179629   | 177569   | 176718   | 177972   | 0.84   | cps   |
| Lead       | 207-1 | 145631   | 145070   | 144603   | 145101   | 0.35   | cps   |
| Lead       | 208-1 | 689244   | 689084   | 682218   | 686849   | 0.58   | cps   |
| Lithium    | 6-1   | 826151   | 835195   | 822507   | 827951   | 0.79   | cps   |
| Magnesium  | 24-2  | 140649   | 141077   | 139519   | 140415   | 0.57   | cps   |
| Manganese  | 55-2  | 305585   | 305296   | 304816   | 305232   | 0.13   | cps   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB92809             | Operator :        | Jaswal    |
| Lab Sample ID :         | J1225-02            | Instrumnet Name : | P8        |
| Client Sample ID :      | MF6A64              | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2018-01-22 14:59:15 | DataFile Name :   | 023SMPL.d |

| Parameter  | Mass  | CPS1    | CPS2    | CPS3    | CPSMean | CPSRSD | Units |
|------------|-------|---------|---------|---------|---------|--------|-------|
| Molybdenum | 94-1  | 16252   | 16235   | 17011   | 16500   | 2.69   | cps   |
| Molybdenum | 95-1  | 7544    | 7344    | 7377    | 7422    | 1.44   | cps   |
| Molybdenum | 96-1  | 10404   | 10271   | 9704    | 10127   | 3.67   | cps   |
| Molybdenum | 97-1  | 4893    | 4326    | 4643    | 4620    | 6.15   | cps   |
| Molybdenum | 98-1  | 11956   | 11497   | 12423   | 11959   | 3.87   | cps   |
| Neodymium  | 150-1 | 209749  | 211490  | 212711  | 211317  | 0.70   | cps   |
| Neodymium  | 150-2 | 25355   | 25782   | 26019   | 25719   | 1.31   | cps   |
| Nickel     | 60-2  | 24832   | 24979   | 24622   | 24811   | 0.72   | cps   |
| Phosphorus | 31-2  | 108     | 100     | 100     | 103     | 4.68   | cps   |
| Potassium  | 39-2  | 12715   | 12506   | 12931   | 12717   | 1.67   | cps   |
| Rhodium    | 103-1 | 4789927 | 4845051 | 4840749 | 4825242 | 0.64   | cps   |
| Rhodium    | 103-2 | 1172462 | 1171814 | 1171112 | 1171796 | 0.06   | cps   |
| Scandium   | 45-1  | 2832876 | 2846535 | 2820319 | 2833243 | 0.46   | cps   |
| Scandium   | 45-2  | 19754   | 19824   | 20025   | 19868   | 0.71   | cps   |
| Selenium   | 77-2  | 157     | 97      | 80      | 111     | 36.29  | cps   |
| Selenium   | 78-2  | 54      | 56      | 57      | 56      | 3.34   | cps   |
| Selenium   | 82-1  | 177     | 70      | 116     | 121     | 44.71  | cps   |
| Silicon    | 28-1  | 4445914 | 4214280 | 4304646 | 4321614 | 2.70   | cps   |
| Silver     | 109-1 | 850     | 850     | 942     | 881     | 6.01   | cps   |
| Silver     | 107-1 | 1000    | 950     | 925     | 958     | 3.99   | cps   |
| Sodium     | 23-2  | 33883   | 34342   | 34426   | 34217   | 0.85   | cps   |
| Strontium  | 86-1  | 114772  | 114821  | 114083  | 114558  | 0.36   | cps   |
| Strontium  | 88-1  | 1004064 | 998886  | 997650  | 1000200 | 0.34   | cps   |
| Sulfur     | 34-1  | 286863  | 283981  | 280847  | 283897  | 1.06   | cps   |
| Terbium    | 159-1 | 7028301 | 7064454 | 7060052 | 7050936 | 0.28   | cps   |
| Terbium    | 159-2 | 1242111 | 1238289 | 1239112 | 1239838 | 0.16   | cps   |
| Thallium   | 203-1 | 2225    | 2275    | 2309    | 2270    | 1.85   | cps   |
| Thallium   | 205-1 | 5493    | 5235    | 5301    | 5343    | 2.51   | cps   |
| Tin        | 118-1 | 4826    | 5210    | 7325    | 5787    | 23.25  | cps   |
| Titanium   | 47-1  | 28739   | 29095   | 29142   | 28992   | 0.76   | cps   |
| Uranium    | 238-1 | 45359   | 46204   | 45133   | 45565   | 1.24   | cps   |
| Vanadium   | 51-2  | 25841   | 25851   | 26105   | 25932   | 0.58   | cps   |
| Yttrium    | 89-1  | 7002729 | 6957325 | 6973966 | 6978007 | 0.33   | cps   |
| Yttrium    | 89-2  | 190474  | 185971  | 185695  | 187380  | 1.43   | cps   |
| Zinc       | 66-2  | 7676    | 7756    | 7642    | 7691    | 0.76   | cps   |
| Zirconium  | 90-1  | 33584   | 33258   | 33283   | 33375   | 0.54   | cps   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB92809             | Operator :        | Jaswal    |
| Lab Sample ID :         | J1225-02            | Instrumnet Name : | P8        |
| Client Sample ID :      | MF6A64              | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2018-01-22 14:59:15 | DataFile Name :   | 023SMPL.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|-----------|------|------|------|------|---------|--------|-------|
| Zirconium | 91-1 | 7536 | 7511 | 7294 | 7447    | 1.79   | cps   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB92809             | Operator :        | Jaswal    |
| Lab Sample ID :         | J1225-03            | Instrumnet Name : | P8        |
| Client Sample ID :      | MF6A65              | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2018-01-22 15:02:26 | DataFile Name :   | 024SMPL.d |

| Parameter  | Mass  | CPS1    | CPS2    | CPS3    | CPSMean | CPSRSD | Units |
|------------|-------|---------|---------|---------|---------|--------|-------|
| Aluminium  | 27-2  | 60346   | 61150   | 60145   | 60547   | 0.88   | cps   |
| Antimony   | 121-1 | 3184    | 3251    | 3234    | 3223    | 1.08   | cps   |
| Arsenic    | 75-2  | 2111    | 2084    | 2061    | 2085    | 1.20   | cps   |
| Barium     | 135-1 | 1404434 | 1402196 | 1391452 | 1399361 | 0.50   | cps   |
| Barium     | 137-1 | 2489835 | 2492329 | 2460787 | 2480984 | 0.71   | cps   |
| Beryllium  | 9-1   | 2161    | 1934    | 1856    | 1984    | 8.01   | cps   |
| Bismuth    | 209-1 | 4682197 | 4674959 | 4610653 | 4655936 | 0.85   | cps   |
| Bismuth    | 209-2 | 1050603 | 1037757 | 1024673 | 1037678 | 1.25   | cps   |
| Boron      | 10-1  | 725     | 808     | 725     | 753     | 6.39   | cps   |
| Boron      | 11-1  | 3626    | 3559    | 3426    | 3537    | 2.88   | cps   |
| Cadmium    | 111-1 | 1432    | 1445    | 1541    | 1473    | 4.04   | cps   |
| Cadmium    | 106-1 | 1258    | 1300    | 1392    | 1317    | 5.18   | cps   |
| Cadmium    | 108-1 | 58      | 75      | 83      | 72      | 17.63  | cps   |
| Calcium    | 43-1  | 443764  | 443154  | 441278  | 442732  | 0.29   | cps   |
| Calcium    | 44-1  | 7286292 | 7177665 | 7149606 | 7204521 | 1.00   | cps   |
| Chromium   | 52-2  | 25797   | 25767   | 25016   | 25527   | 1.73   | cps   |
| Cobalt     | 59-2  | 23046   | 22762   | 22181   | 22663   | 1.94   | cps   |
| Copper     | 63-2  | 63936   | 64402   | 63471   | 63936   | 0.73   | cps   |
| Dysprosium | 156-1 | 53954   | 52590   | 52432   | 52992   | 1.58   | cps   |
| Dysprosium | 156-2 | 10624   | 10588   | 10685   | 10632   | 0.46   | cps   |
| Erbium     | 164-1 | 39912   | 39670   | 40757   | 40113   | 1.42   | cps   |
| Erbium     | 164-2 | 7205    | 7199    | 7245    | 7217    | 0.35   | cps   |
| Gadolinium | 160-1 | 51453   | 51076   | 50331   | 50953   | 1.12   | cps   |
| Gadolinium | 160-2 | 12776   | 12963   | 12680   | 12806   | 1.13   | cps   |
| Holmium    | 165-1 | 6849943 | 6785825 | 6838133 | 6824634 | 0.50   | cps   |
| Holmium    | 165-2 | 1287901 | 1285486 | 1258477 | 1277288 | 1.28   | cps   |
| Indium     | 115-1 | 5340912 | 5320574 | 5209199 | 5290228 | 1.34   | cps   |
| Indium     | 115-2 | 198336  | 198329  | 194577  | 197081  | 1.10   | cps   |
| Iron       | 56-2  | 9289039 | 9208764 | 9171833 | 9223212 | 0.65   | cps   |
| Iron       | 57-2  | 232133  | 233530  | 233197  | 232953  | 0.31   | cps   |
| Lead       | 206-1 | 215193  | 216097  | 214303  | 215198  | 0.42   | cps   |
| Lead       | 207-1 | 175999  | 176584  | 175710  | 176098  | 0.25   | cps   |
| Lead       | 208-1 | 831799  | 831811  | 825635  | 829748  | 0.43   | cps   |
| Lithium    | 6-1   | 824762  | 830490  | 829102  | 828118  | 0.36   | cps   |
| Magnesium  | 24-2  | 204195  | 208185  | 204466  | 205615  | 1.08   | cps   |
| Manganese  | 55-2  | 105440  | 104843  | 104386  | 104890  | 0.50   | cps   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB92809             | Operator :        | Jaswal    |
| Lab Sample ID :         | J1225-03            | Instrumnet Name : | P8        |
| Client Sample ID :      | MF6A65              | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2018-01-22 15:02:26 | DataFile Name :   | 024SMPL.d |

| Parameter  | Mass  | CPS1    | CPS2    | CPS3    | CPSMean | CPSRSD | Units |
|------------|-------|---------|---------|---------|---------|--------|-------|
| Molybdenum | 94-1  | 16586   | 16978   | 16169   | 16578   | 2.44   | cps   |
| Molybdenum | 95-1  | 1400    | 1742    | 1750    | 1631    | 12.25  | cps   |
| Molybdenum | 96-1  | 4993    | 4634    | 4167    | 4598    | 9.00   | cps   |
| Molybdenum | 97-1  | 942     | 992     | 1058    | 997     | 5.87   | cps   |
| Molybdenum | 98-1  | 2667    | 2717    | 2500    | 2628    | 4.32   | cps   |
| Neodymium  | 150-1 | 86162   | 85383   | 84685   | 85410   | 0.86   | cps   |
| Neodymium  | 150-2 | 10458   | 10131   | 9957    | 10182   | 2.50   | cps   |
| Nickel     | 60-2  | 17618   | 17411   | 17521   | 17517   | 0.59   | cps   |
| Phosphorus | 31-2  | 158     | 100     | 125     | 128     | 22.90  | cps   |
| Potassium  | 39-2  | 20207   | 20065   | 20190   | 20154   | 0.38   | cps   |
| Rhodium    | 103-1 | 4797487 | 4789534 | 4819309 | 4802110 | 0.32   | cps   |
| Rhodium    | 103-2 | 1164545 | 1151502 | 1143362 | 1153136 | 0.93   | cps   |
| Scandium   | 45-1  | 2835557 | 2774827 | 2807084 | 2805823 | 1.08   | cps   |
| Scandium   | 45-2  | 19003   | 19724   | 18743   | 19157   | 2.65   | cps   |
| Selenium   | 77-2  | 50      | 40      | 40      | 43      | 13.32  | cps   |
| Selenium   | 78-2  | 20      | 19      | 28      | 22      | 22.05  | cps   |
| Selenium   | 82-1  | 13      | 101     | 44      | 53      | 84.16  | cps   |
| Silicon    | 28-1  | 3698468 | 4996383 | 3742824 | 4145892 | 17.77  | cps   |
| Silver     | 109-1 | 917     | 792     | 792     | 833     | 8.66   | cps   |
| Silver     | 107-1 | 717     | 708     | 858     | 761     | 11.08  | cps   |
| Sodium     | 23-2  | 40066   | 40308   | 40944   | 40439   | 1.12   | cps   |
| Strontium  | 86-1  | 161527  | 163129  | 161984  | 162213  | 0.51   | cps   |
| Strontium  | 88-1  | 1460677 | 1456675 | 1444834 | 1454062 | 0.57   | cps   |
| Sulfur     | 34-1  | 284490  | 287308  | 291082  | 287627  | 1.15   | cps   |
| Terbium    | 159-1 | 7014860 | 7003153 | 7038658 | 7018890 | 0.26   | cps   |
| Terbium    | 159-2 | 1240481 | 1226245 | 1210829 | 1225852 | 1.21   | cps   |
| Thallium   | 203-1 | 2525    | 2234    | 2325    | 2361    | 6.32   | cps   |
| Thallium   | 205-1 | 5668    | 5802    | 5543    | 5671    | 2.28   | cps   |
| Tin        | 118-1 | 6644    | 6744    | 6494    | 6627    | 1.90   | cps   |
| Titanium   | 47-1  | 25741   | 26856   | 28868   | 27155   | 5.84   | cps   |
| Uranium    | 238-1 | 34365   | 33898   | 34265   | 34176   | 0.72   | cps   |
| Vanadium   | 51-2  | 19377   | 19040   | 19090   | 19169   | 0.95   | cps   |
| Yttrium    | 89-1  | 5938744 | 5911906 | 5880685 | 5910445 | 0.49   | cps   |
| Yttrium    | 89-2  | 158312  | 157645  | 153468  | 156475  | 1.68   | cps   |
| Zinc       | 66-2  | 17922   | 17521   | 17575   | 17673   | 1.23   | cps   |
| Zirconium  | 90-1  | 42493   | 44141   | 43597   | 43410   | 1.93   | cps   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB92809             | Operator :        | Jaswal    |
| Lab Sample ID :         | J1225-03            | Instrumnet Name : | P8        |
| Client Sample ID :      | MF6A65              | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2018-01-22 15:02:26 | DataFile Name :   | 024SMPL.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|-----------|------|------|------|------|---------|--------|-------|
| Zirconium | 91-1 | 9429 | 9445 | 9587 | 9487    | 0.92   | cps   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB92809             | Operator :        | Jaswal    |
| Lab Sample ID :         | J1225-04            | Instrumnet Name : | P8        |
| Client Sample ID :      | MF6A66              | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2018-01-22 15:05:36 | DataFile Name :   | 025SMPL.d |

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|------------|-------|----------|----------|----------|----------|--------|-------|
| Aluminium  | 27-2  | 52306    | 50909    | 50583    | 51266    | 1.78   | cps   |
| Antimony   | 121-1 | 1792     | 1942     | 1650     | 1795     | 8.13   | cps   |
| Arsenic    | 75-2  | 987      | 894      | 894      | 925      | 5.78   | cps   |
| Barium     | 135-1 | 838600   | 869383   | 864190   | 857391   | 1.92   | cps   |
| Barium     | 137-1 | 1462372  | 1522653  | 1551355  | 1512127  | 3.00   | cps   |
| Beryllium  | 9-1   | 1400     | 1467     | 1500     | 1456     | 3.50   | cps   |
| Bismuth    | 209-1 | 4481961  | 4616102  | 4686298  | 4594787  | 2.26   | cps   |
| Bismuth    | 209-2 | 1044001  | 1026646  | 1036950  | 1035866  | 0.84   | cps   |
| Boron      | 10-1  | 1000     | 975      | 1000     | 992      | 1.46   | cps   |
| Boron      | 11-1  | 4351     | 4384     | 4067     | 4267     | 4.08   | cps   |
| Cadmium    | 111-1 | 2948     | 2824     | 3006     | 2926     | 3.19   | cps   |
| Cadmium    | 106-1 | 1559     | 1458     | 1308     | 1442     | 8.73   | cps   |
| Cadmium    | 108-1 | 217      | 217      | 217      | 217      | 0.00   | cps   |
| Calcium    | 43-1  | 2513291  | 2543248  | 2599566  | 2552035  | 1.72   | cps   |
| Calcium    | 44-1  | 39949331 | 41549063 | 41348621 | 40949005 | 2.13   | cps   |
| Chromium   | 52-2  | 11498    | 11031    | 10894    | 11141    | 2.84   | cps   |
| Cobalt     | 59-2  | 16377    | 16123    | 16053    | 16184    | 1.05   | cps   |
| Copper     | 63-2  | 33123    | 33046    | 33504    | 33224    | 0.74   | cps   |
| Dysprosium | 156-1 | 53477    | 54782    | 53628    | 53962    | 1.32   | cps   |
| Dysprosium | 156-2 | 10665    | 10318    | 10604    | 10529    | 1.76   | cps   |
| Erbium     | 164-1 | 43140    | 45187    | 45313    | 44547    | 2.74   | cps   |
| Erbium     | 164-2 | 8126     | 8079     | 7926     | 8044     | 1.30   | cps   |
| Gadolinium | 160-1 | 48441    | 51778    | 50650    | 50290    | 3.38   | cps   |
| Gadolinium | 160-2 | 12850    | 13003    | 12833    | 12895    | 0.73   | cps   |
| Holmium    | 165-1 | 6521948  | 6684345  | 6806010  | 6670768  | 2.14   | cps   |
| Holmium    | 165-2 | 1290846  | 1277645  | 1286240  | 1284910  | 0.52   | cps   |
| Indium     | 115-1 | 5044353  | 5235872  | 5264012  | 5181412  | 2.31   | cps   |
| Indium     | 115-2 | 196839   | 195375   | 195510   | 195908   | 0.41   | cps   |
| Iron       | 56-2  | 6607548  | 6537273  | 6496400  | 6547074  | 0.86   | cps   |
| Iron       | 57-2  | 164559   | 160720   | 162671   | 162650   | 1.18   | cps   |
| Lead       | 206-1 | 137475   | 140087   | 142081   | 139881   | 1.65   | cps   |
| Lead       | 207-1 | 113015   | 115374   | 115213   | 114534   | 1.15   | cps   |
| Lead       | 208-1 | 527512   | 547066   | 544065   | 539547   | 1.95   | cps   |
| Lithium    | 6-1   | 788257   | 819197   | 825745   | 811066   | 2.47   | cps   |
| Magnesium  | 24-2  | 191353   | 190990   | 191288   | 191210   | 0.10   | cps   |
| Manganese  | 55-2  | 104611   | 103973   | 103920   | 104168   | 0.37   | cps   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB92809             | Operator :        | Jaswal    |
| Lab Sample ID :         | J1225-04            | Instrumnet Name : | P8        |
| Client Sample ID :      | MF6A66              | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2018-01-22 15:05:36 | DataFile Name :   | 025SMPL.d |

| Parameter  | Mass  | CPS1    | CPS2    | CPS3    | CPSMean | CPSRSD | Units |
|------------|-------|---------|---------|---------|---------|--------|-------|
| Molybdenum | 94-1  | 17556   | 16311   | 15835   | 16567   | 5.36   | cps   |
| Molybdenum | 95-1  | 875     | 958     | 858     | 897     | 5.97   | cps   |
| Molybdenum | 96-1  | 3434    | 3384    | 3626    | 3481    | 3.67   | cps   |
| Molybdenum | 97-1  | 508     | 642     | 575     | 575     | 11.59  | cps   |
| Molybdenum | 98-1  | 1408    | 1342    | 1725    | 1492    | 13.73  | cps   |
| Neodymium  | 150-1 | 79225   | 82398   | 83310   | 81645   | 2.63   | cps   |
| Neodymium  | 150-2 | 9880    | 9820    | 9981    | 9894    | 0.82   | cps   |
| Nickel     | 60-2  | 12546   | 11889   | 11929   | 12121   | 3.04   | cps   |
| Phosphorus | 31-2  | 242     | 250     | 233     | 242     | 3.45   | cps   |
| Potassium  | 39-2  | 22461   | 22836   | 21834   | 22377   | 2.26   | cps   |
| Rhodium    | 103-1 | 4548426 | 4696651 | 4701967 | 4649014 | 1.87   | cps   |
| Rhodium    | 103-2 | 1142028 | 1130442 | 1134291 | 1135587 | 0.52   | cps   |
| Scandium   | 45-1  | 2683224 | 2765495 | 2759310 | 2736010 | 1.67   | cps   |
| Scandium   | 45-2  | 18753   | 18135   | 18549   | 18479   | 1.70   | cps   |
| Selenium   | 77-2  | 47      | 30      | 57      | 44      | 30.31  | cps   |
| Selenium   | 78-2  | 22      | 20      | 15      | 19      | 20.16  | cps   |
| Selenium   | 82-1  | 128     | 123     | 63      | 104     | 34.52  | cps   |
| Silicon    | 28-1  | 6047755 | 6279058 | 6315376 | 6214063 | 2.34   | cps   |
| Silver     | 109-1 | 667     | 758     | 817     | 747     | 10.12  | cps   |
| Silver     | 107-1 | 883     | 775     | 783     | 814     | 7.41   | cps   |
| Sodium     | 23-2  | 35420   | 33958   | 35462   | 34947   | 2.45   | cps   |
| Strontium  | 86-1  | 288295  | 299213  | 299160  | 295556  | 2.13   | cps   |
| Strontium  | 88-1  | 2581399 | 2617675 | 2658081 | 2619052 | 1.46   | cps   |
| Sulfur     | 34-1  | 291303  | 295620  | 294842  | 293922  | 0.78   | cps   |
| Terbium    | 159-1 | 6717489 | 6905177 | 7027535 | 6883400 | 2.27   | cps   |
| Terbium    | 159-2 | 1224863 | 1225600 | 1223914 | 1224792 | 0.07   | cps   |
| Thallium   | 203-1 | 2967    | 3059    | 3384    | 3137    | 6.98   | cps   |
| Thallium   | 205-1 | 7127    | 7611    | 7678    | 7472    | 4.02   | cps   |
| Tin        | 118-1 | 5260    | 5785    | 5693    | 5579    | 5.03   | cps   |
| Titanium   | 47-1  | 33871   | 34299   | 34793   | 34321   | 1.34   | cps   |
| Uranium    | 238-1 | 49097   | 49182   | 50395   | 49558   | 1.46   | cps   |
| Vanadium   | 51-2  | 12873   | 12322   | 12289   | 12495   | 2.62   | cps   |
| Yttrium    | 89-1  | 5723516 | 5960932 | 5951407 | 5878619 | 2.29   | cps   |
| Yttrium    | 89-2  | 160793  | 156816  | 157619  | 158409  | 1.33   | cps   |
| Zinc       | 66-2  | 10481   | 10551   | 10558   | 10530   | 0.40   | cps   |
| Zirconium  | 90-1  | 43140   | 43664   | 45695   | 44166   | 3.06   | cps   |



|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB92809             | Operator :        | Jaswal    |
| Lab Sample ID :         | J1225-04            | Instrumnet Name : | P8        |
| Client Sample ID :      | MF6A66              | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2018-01-22 15:05:36 | DataFile Name :   | 025SMPL.d |

| Parameter | Mass | CPS1  | CPS2 | CPS3  | CPSMean | CPSRSD | Units |
|-----------|------|-------|------|-------|---------|--------|-------|
| Zirconium | 91-1 | 21072 | 9621 | 10355 | 13682   | 46.85  | cps   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB92809             | Operator :        | Jaswal    |
| Lab Sample ID :         | J1225-05            | Instrumnet Name : | P8        |
| Client Sample ID :      | MF6A67              | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2018-01-22 15:08:46 | DataFile Name :   | 026SMPL.d |

| Parameter  | Mass  | CPS1    | CPS2    | CPS3    | CPSMean | CPSRSD | Units |
|------------|-------|---------|---------|---------|---------|--------|-------|
| Aluminium  | 27-2  | 34735   | 34936   | 35554   | 35075   | 1.22   | cps   |
| Antimony   | 121-1 | 1300    | 1342    | 1433    | 1358    | 5.02   | cps   |
| Arsenic    | 75-2  | 456     | 474     | 424     | 451     | 5.60   | cps   |
| Barium     | 135-1 | 712953  | 714248  | 709431  | 712210  | 0.35   | cps   |
| Barium     | 137-1 | 1248652 | 1249713 | 1238622 | 1245662 | 0.49   | cps   |
| Beryllium  | 9-1   | 1306    | 1472    | 1406    | 1395    | 6.02   | cps   |
| Bismuth    | 209-1 | 4739322 | 4732863 | 4780914 | 4751033 | 0.55   | cps   |
| Bismuth    | 209-2 | 1033662 | 1030502 | 1034202 | 1032788 | 0.19   | cps   |
| Boron      | 10-1  | 808     | 775     | 683     | 756     | 8.57   | cps   |
| Boron      | 11-1  | 3684    | 3859    | 3984    | 3842    | 3.92   | cps   |
| Cadmium    | 111-1 | 888     | 935     | 855     | 893     | 4.48   | cps   |
| Cadmium    | 106-1 | 1183    | 1217    | 1058    | 1153    | 7.24   | cps   |
| Cadmium    | 108-1 | 33      | 54      | 33      | 40      | 29.87  | cps   |
| Calcium    | 43-1  | 162211  | 161917  | 160557  | 161562  | 0.55   | cps   |
| Calcium    | 44-1  | 2669253 | 2681972 | 2626110 | 2659112 | 1.10   | cps   |
| Chromium   | 52-2  | 7589    | 7175    | 7322    | 7362    | 2.85   | cps   |
| Cobalt     | 59-2  | 16840   | 17131   | 16587   | 16853   | 1.62   | cps   |
| Copper     | 63-2  | 19037   | 19224   | 18266   | 18842   | 2.70   | cps   |
| Dysprosium | 156-1 | 31230   | 32249   | 31564   | 31681   | 1.64   | cps   |
| Dysprosium | 156-2 | 5748    | 5885    | 6122    | 5918    | 3.19   | cps   |
| Erbium     | 164-1 | 23030   | 22896   | 22020   | 22648   | 2.42   | cps   |
| Erbium     | 164-2 | 4017    | 3807    | 3911    | 3912    | 2.69   | cps   |
| Gadolinium | 160-1 | 30328   | 29484   | 28374   | 29395   | 3.33   | cps   |
| Gadolinium | 160-2 | 7262    | 7152    | 7396    | 7270    | 1.68   | cps   |
| Holmium    | 165-1 | 6919750 | 6845444 | 6868774 | 6877989 | 0.55   | cps   |
| Holmium    | 165-2 | 1273766 | 1267031 | 1263408 | 1268068 | 0.41   | cps   |
| Indium     | 115-1 | 5261983 | 5222229 | 5284723 | 5256311 | 0.60   | cps   |
| Indium     | 115-2 | 195461  | 191813  | 193036  | 193437  | 0.96   | cps   |
| Iron       | 56-2  | 5190239 | 5121444 | 5058294 | 5123326 | 1.29   | cps   |
| Iron       | 57-2  | 128666  | 127538  | 127259  | 127821  | 0.58   | cps   |
| Lead       | 206-1 | 170305  | 168345  | 167765  | 168805  | 0.79   | cps   |
| Lead       | 207-1 | 137856  | 139171  | 139249  | 138759  | 0.56   | cps   |
| Lead       | 208-1 | 650549  | 651018  | 651111  | 650892  | 0.05   | cps   |
| Lithium    | 6-1   | 820803  | 821702  | 825650  | 822718  | 0.31   | cps   |
| Magnesium  | 24-2  | 146826  | 143752  | 146563  | 145714  | 1.17   | cps   |
| Manganese  | 55-2  | 80990   | 80738   | 81278   | 81002   | 0.33   | cps   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB92809             | Operator :        | Jaswal    |
| Lab Sample ID :         | J1225-05            | Instrumnet Name : | P8        |
| Client Sample ID :      | MF6A67              | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2018-01-22 15:08:46 | DataFile Name :   | 026SMPL.d |

| Parameter  | Mass  | CPS1    | CPS2    | CPS3    | CPSMean | CPSRSD | Units |
|------------|-------|---------|---------|---------|---------|--------|-------|
| Molybdenum | 94-1  | 6393    | 6318    | 6520    | 6411    | 1.59   | cps   |
| Molybdenum | 95-1  | 667     | 750     | 675     | 697     | 6.58   | cps   |
| Molybdenum | 96-1  | 1892    | 1692    | 1859    | 1814    | 5.91   | cps   |
| Molybdenum | 97-1  | 467     | 458     | 400     | 442     | 8.22   | cps   |
| Molybdenum | 98-1  | 1083    | 892     | 917     | 964     | 10.81  | cps   |
| Neodymium  | 150-1 | 50752   | 50330   | 50203   | 50428   | 0.57   | cps   |
| Neodymium  | 150-2 | 5948    | 6025    | 6088    | 6020    | 1.16   | cps   |
| Nickel     | 60-2  | 11205   | 10808   | 10911   | 10975   | 1.88   | cps   |
| Phosphorus | 31-2  | 83      | 67      | 92      | 81      | 15.80  | cps   |
| Potassium  | 39-2  | 16777   | 16485   | 16393   | 16552   | 1.21   | cps   |
| Rhodium    | 103-1 | 4843148 | 4802265 | 4741846 | 4795753 | 1.06   | cps   |
| Rhodium    | 103-2 | 1150373 | 1148224 | 1141596 | 1146731 | 0.40   | cps   |
| Scandium   | 45-1  | 2702245 | 2724712 | 2717508 | 2714822 | 0.42   | cps   |
| Scandium   | 45-2  | 18813   | 17982   | 18225   | 18340   | 2.33   | cps   |
| Selenium   | 77-2  | 23      | 17      | 13      | 18      | 28.64  | cps   |
| Selenium   | 78-2  | 11      | 9       | 11      | 10      | 10.18  | cps   |
| Selenium   | 82-1  | -3      | -9      | 64      | 17      | 235.26 | cps   |
| Silicon    | 28-1  | 3388948 | 3473892 | 3428947 | 3430596 | 1.24   | cps   |
| Silver     | 109-1 | 650     | 600     | 617     | 622     | 4.09   | cps   |
| Silver     | 107-1 | 742     | 833     | 700     | 758     | 8.99   | cps   |
| Sodium     | 23-2  | 30224   | 30083   | 30651   | 30319   | 0.97   | cps   |
| Strontium  | 86-1  | 101048  | 100938  | 99167   | 100384  | 1.05   | cps   |
| Strontium  | 88-1  | 877420  | 875541  | 878943  | 877301  | 0.19   | cps   |
| Sulfur     | 34-1  | 285460  | 284134  | 282556  | 284050  | 0.51   | cps   |
| Terbium    | 159-1 | 7036606 | 7028109 | 7016296 | 7027004 | 0.15   | cps   |
| Terbium    | 159-2 | 1221921 | 1212674 | 1214659 | 1216418 | 0.40   | cps   |
| Thallium   | 203-1 | 1859    | 1642    | 1725    | 1742    | 6.28   | cps   |
| Thallium   | 205-1 | 4301    | 3892    | 4334    | 4176    | 5.89   | cps   |
| Tin        | 118-1 | 4217    | 4551    | 4784    | 4518    | 6.31   | cps   |
| Titanium   | 47-1  | 14602   | 14408   | 14308   | 14439   | 1.03   | cps   |
| Uranium    | 238-1 | 14726   | 14109   | 14684   | 14506   | 2.38   | cps   |
| Vanadium   | 51-2  | 7002    | 7232    | 7132    | 7122    | 1.62   | cps   |
| Yttrium    | 89-1  | 5595268 | 5578942 | 5592485 | 5588898 | 0.16   | cps   |
| Yttrium    | 89-2  | 146761  | 145644  | 145173  | 145859  | 0.56   | cps   |
| Zinc       | 66-2  | 6702    | 6602    | 6852    | 6718    | 1.87   | cps   |
| Zirconium  | 90-1  | 17187   | 16527   | 16744   | 16819   | 2.00   | cps   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB92809             | Operator :        | Jaswal    |
| Lab Sample ID :         | J1225-05            | Instrumnet Name : | P8        |
| Client Sample ID :      | MF6A67              | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2018-01-22 15:08:46 | DataFile Name :   | 026SMPL.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|-----------|------|------|------|------|---------|--------|-------|
| Zirconium | 91-1 | 3776 | 3701 | 3726 | 3734    | 1.02   | cps   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB92809             | Operator :        | Jaswal    |
| Lab Sample ID :         | J1225-06            | Instrumnet Name : | P8        |
| Client Sample ID :      | MF6A68              | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2018-01-22 15:11:57 | DataFile Name :   | 027SMPL.d |

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|------------|-------|----------|----------|----------|----------|--------|-------|
| Aluminium  | 27-2  | 55443    | 56028    | 55075    | 55515    | 0.87   | cps   |
| Antimony   | 121-1 | 3342     | 2967     | 2967     | 3092     | 7.00   | cps   |
| Arsenic    | 75-2  | 2854     | 2876     | 2806     | 2845     | 1.26   | cps   |
| Barium     | 135-1 | 916583   | 908236   | 909048   | 911289   | 0.51   | cps   |
| Barium     | 137-1 | 1606236  | 1616772  | 1611074  | 1611361  | 0.33   | cps   |
| Beryllium  | 9-1   | 1656     | 1639     | 1789     | 1695     | 4.85   | cps   |
| Bismuth    | 209-1 | 4737684  | 4747525  | 4764092  | 4749767  | 0.28   | cps   |
| Bismuth    | 209-2 | 1035228  | 1042214  | 1038258  | 1038567  | 0.34   | cps   |
| Boron      | 10-1  | 517      | 717      | 575      | 603      | 17.06  | cps   |
| Boron      | 11-1  | 2942     | 3000     | 3009     | 2984     | 1.22   | cps   |
| Cadmium    | 111-1 | 1114     | 1110     | 1188     | 1137     | 3.89   | cps   |
| Cadmium    | 106-1 | 1267     | 1200     | 1317     | 1261     | 4.64   | cps   |
| Cadmium    | 108-1 | 63       | 67       | 83       | 71       | 15.57  | cps   |
| Calcium    | 43-1  | 303592   | 300428   | 302136   | 302052   | 0.52   | cps   |
| Calcium    | 44-1  | 4899250  | 4972758  | 4912259  | 4928089  | 0.80   | cps   |
| Chromium   | 52-2  | 30096    | 29174    | 28796    | 29355    | 2.28   | cps   |
| Cobalt     | 59-2  | 20459    | 20355    | 19881    | 20232    | 1.52   | cps   |
| Copper     | 63-2  | 42184    | 42492    | 42823    | 42499    | 0.75   | cps   |
| Dysprosium | 156-1 | 46434    | 47303    | 46517    | 46751    | 1.03   | cps   |
| Dysprosium | 156-2 | 9267     | 9090     | 9283     | 9213     | 1.16   | cps   |
| Erbium     | 164-1 | 38115    | 37121    | 37948    | 37728    | 1.41   | cps   |
| Erbium     | 164-2 | 6705     | 6795     | 6465     | 6655     | 2.56   | cps   |
| Gadolinium | 160-1 | 44904    | 45890    | 44895    | 45230    | 1.26   | cps   |
| Gadolinium | 160-2 | 11275    | 11075    | 11358    | 11236    | 1.30   | cps   |
| Holmium    | 165-1 | 6842320  | 6840817  | 6898567  | 6860568  | 0.48   | cps   |
| Holmium    | 165-2 | 1274046  | 1271692  | 1274564  | 1273434  | 0.12   | cps   |
| Indium     | 115-1 | 5249761  | 5311895  | 5263090  | 5274915  | 0.62   | cps   |
| Indium     | 115-2 | 194304   | 193631   | 195248   | 194394   | 0.42   | cps   |
| Iron       | 56-2  | 11640180 | 11619085 | 11610624 | 11623296 | 0.13   | cps   |
| Iron       | 57-2  | 288835   | 289244   | 289783   | 289287   | 0.16   | cps   |
| Lead       | 206-1 | 227135   | 224293   | 225499   | 225642   | 0.63   | cps   |
| Lead       | 207-1 | 185981   | 186337   | 186811   | 186376   | 0.22   | cps   |
| Lead       | 208-1 | 874084   | 876280   | 872121   | 874162   | 0.24   | cps   |
| Lithium    | 6-1   | 819084   | 819567   | 817087   | 818579   | 0.16   | cps   |
| Magnesium  | 24-2  | 98281    | 99009    | 97726    | 98339    | 0.65   | cps   |
| Manganese  | 55-2  | 103480   | 103130   | 102405   | 103005   | 0.53   | cps   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB92809             | Operator :        | Jaswal    |
| Lab Sample ID :         | J1225-06            | Instrumnet Name : | P8        |
| Client Sample ID :      | MF6A68              | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2018-01-22 15:11:57 | DataFile Name :   | 027SMPL.d |

| Parameter  | Mass  | CPS1    | CPS2    | CPS3    | CPSMean | CPSRSD | Units |
|------------|-------|---------|---------|---------|---------|--------|-------|
| Molybdenum | 94-1  | 14718   | 14577   | 20267   | 16520   | 19.64  | cps   |
| Molybdenum | 95-1  | 3192    | 3067    | 3151    | 3137    | 2.03   | cps   |
| Molybdenum | 96-1  | 5868    | 4918    | 5752    | 5513    | 9.40   | cps   |
| Molybdenum | 97-1  | 1800    | 1717    | 2009    | 1842    | 8.16   | cps   |
| Molybdenum | 98-1  | 4984    | 5193    | 4801    | 4993    | 3.93   | cps   |
| Neodymium  | 150-1 | 75543   | 75223   | 76885   | 75884   | 1.16   | cps   |
| Neodymium  | 150-2 | 9080    | 9117    | 9057    | 9084    | 0.33   | cps   |
| Nickel     | 60-2  | 7972    | 8473    | 8626    | 8357    | 4.09   | cps   |
| Phosphorus | 31-2  | 50      | 42      | 92      | 61      | 43.83  | cps   |
| Potassium  | 39-2  | 10263   | 10179   | 10129   | 10190   | 0.66   | cps   |
| Rhodium    | 103-1 | 4764216 | 4760214 | 4792368 | 4772266 | 0.37   | cps   |
| Rhodium    | 103-2 | 1150772 | 1147827 | 1134301 | 1144300 | 0.77   | cps   |
| Scandium   | 45-1  | 2762152 | 2723015 | 2785144 | 2756770 | 1.14   | cps   |
| Scandium   | 45-2  | 18653   | 18713   | 18506   | 18624   | 0.57   | cps   |
| Selenium   | 77-2  | 57      | 43      | 27      | 42      | 35.60  | cps   |
| Selenium   | 78-2  | 17      | 13      | 19      | 16      | 17.64  | cps   |
| Selenium   | 82-1  | 60      | 86      | 27      | 57      | 51.81  | cps   |
| Silicon    | 28-1  | 6308260 | 6386054 | 6155903 | 6283405 | 1.86   | cps   |
| Silver     | 109-1 | 1100    | 1058    | 1183    | 1114    | 5.71   | cps   |
| Silver     | 107-1 | 1208    | 1150    | 950     | 1103    | 12.29  | cps   |
| Sodium     | 23-2  | 23712   | 25048   | 24263   | 24341   | 2.76   | cps   |
| Strontium  | 86-1  | 133009  | 130385  | 131840  | 131745  | 1.00   | cps   |
| Strontium  | 88-1  | 1146377 | 1142486 | 1153616 | 1147493 | 0.49   | cps   |
| Sulfur     | 34-1  | 281604  | 280404  | 279701  | 280570  | 0.34   | cps   |
| Terbium    | 159-1 | 7032873 | 7038147 | 7036053 | 7035691 | 0.04   | cps   |
| Terbium    | 159-2 | 1221968 | 1210495 | 1211759 | 1214741 | 0.52   | cps   |
| Thallium   | 203-1 | 1717    | 1884    | 1792    | 1797    | 4.64   | cps   |
| Thallium   | 205-1 | 3901    | 4159    | 4134    | 4065    | 3.51   | cps   |
| Tin        | 118-1 | 5843    | 6227    | 6193    | 6088    | 3.49   | cps   |
| Titanium   | 47-1  | 33357   | 29310   | 33791   | 32153   | 7.69   | cps   |
| Uranium    | 238-1 | 42975   | 43294   | 42900   | 43056   | 0.49   | cps   |
| Vanadium   | 51-2  | 24669   | 24712   | 25310   | 24897   | 1.44   | cps   |
| Yttrium    | 89-1  | 5859078 | 5813042 | 5833040 | 5835053 | 0.40   | cps   |
| Yttrium    | 89-2  | 152611  | 151928  | 151324  | 151954  | 0.42   | cps   |
| Zinc       | 66-2  | 14104   | 14755   | 14311   | 14390   | 2.31   | cps   |
| Zirconium  | 90-1  | 33162   | 32775   | 37332   | 34423   | 7.34   | cps   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB92809             | Operator :        | Jaswal    |
| Lab Sample ID :         | J1225-06            | Instrumnet Name : | P8        |
| Client Sample ID :      | MF6A68              | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2018-01-22 15:11:57 | DataFile Name :   | 027SMPL.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|-----------|------|------|------|------|---------|--------|-------|
| Zirconium | 91-1 | 7494 | 8162 | 7711 | 7789    | 4.37   | cps   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB92809             | Operator :        | Jaswal    |
| Lab Sample ID :         | J1225-07            | Instrumnet Name : | P8        |
| Client Sample ID :      | MF6A69              | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2018-01-22 15:15:06 | DataFile Name :   | 028SMPL.d |

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|------------|-------|----------|----------|----------|----------|--------|-------|
| Aluminium  | 27-2  | 38330    | 39315    | 38512    | 38719    | 1.35   | cps   |
| Antimony   | 121-1 | 2334     | 2442     | 2300     | 2359     | 3.14   | cps   |
| Arsenic    | 75-2  | 546      | 493      | 535      | 525      | 5.40   | cps   |
| Barium     | 135-1 | 614576   | 614463   | 606150   | 611730   | 0.79   | cps   |
| Barium     | 137-1 | 1076696  | 1068249  | 1064363  | 1069769  | 0.59   | cps   |
| Beryllium  | 9-1   | 995      | 906      | 1083     | 995      | 8.94   | cps   |
| Bismuth    | 209-1 | 4752636  | 4770458  | 4726275  | 4749790  | 0.47   | cps   |
| Bismuth    | 209-2 | 1040930  | 1024850  | 1028821  | 1031534  | 0.81   | cps   |
| Boron      | 10-1  | 917      | 883      | 792      | 864      | 7.49   | cps   |
| Boron      | 11-1  | 3851     | 3442     | 3817     | 3703     | 6.12   | cps   |
| Cadmium    | 111-1 | 1334     | 1391     | 1291     | 1338     | 3.75   | cps   |
| Cadmium    | 106-1 | 1300     | 1308     | 1150     | 1253     | 7.11   | cps   |
| Cadmium    | 108-1 | 79       | 96       | 104      | 93       | 13.68  | cps   |
| Calcium    | 43-1  | 901310   | 899557   | 896860   | 899242   | 0.25   | cps   |
| Calcium    | 44-1  | 14725895 | 14680106 | 14668041 | 14691347 | 0.21   | cps   |
| Chromium   | 52-2  | 10811    | 10611    | 10187    | 10536    | 3.02   | cps   |
| Cobalt     | 59-2  | 14401    | 14551    | 14394    | 14449    | 0.61   | cps   |
| Copper     | 63-2  | 22912    | 22188    | 22542    | 22547    | 1.61   | cps   |
| Dysprosium | 156-1 | 40923    | 39527    | 39912    | 40121    | 1.80   | cps   |
| Dysprosium | 156-2 | 7836     | 7759     | 7662     | 7752     | 1.12   | cps   |
| Erbium     | 164-1 | 32851    | 31606    | 30203    | 31553    | 4.20   | cps   |
| Erbium     | 164-2 | 5441     | 5575     | 5621     | 5546     | 1.69   | cps   |
| Gadolinium | 160-1 | 38691    | 36686    | 37296    | 37558    | 2.74   | cps   |
| Gadolinium | 160-2 | 9347     | 9430     | 9634     | 9470     | 1.56   | cps   |
| Holmium    | 165-1 | 6870953  | 6832807  | 6810433  | 6838065  | 0.45   | cps   |
| Holmium    | 165-2 | 1277699  | 1262333  | 1261395  | 1267143  | 0.72   | cps   |
| Indium     | 115-1 | 5271337  | 5235484  | 5187471  | 5231431  | 0.80   | cps   |
| Indium     | 115-2 | 191652   | 190920   | 189703   | 190758   | 0.52   | cps   |
| Iron       | 56-2  | 6524677  | 6562714  | 6511784  | 6533058  | 0.41   | cps   |
| Iron       | 57-2  | 163744   | 163402   | 160975   | 162707   | 0.93   | cps   |
| Lead       | 206-1 | 98283    | 98984    | 97057    | 98108    | 0.99   | cps   |
| Lead       | 207-1 | 78587    | 79911    | 78100    | 78866    | 1.19   | cps   |
| Lead       | 208-1 | 376172   | 376760   | 372197   | 375043   | 0.66   | cps   |
| Lithium    | 6-1   | 812181   | 813140   | 806355   | 810558   | 0.45   | cps   |
| Magnesium  | 24-2  | 235165   | 231385   | 230338   | 232296   | 1.09   | cps   |
| Manganese  | 55-2  | 122528   | 122209   | 120383   | 121707   | 0.95   | cps   |



|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB92809             | Operator :        | Jaswal    |
| Lab Sample ID :         | J1225-07            | Instrumnet Name : | P8        |
| Client Sample ID :      | MF6A69              | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2018-01-22 15:15:06 | DataFile Name :   | 028SMPL.d |

| Parameter  | Mass  | CPS1    | CPS2    | CPS3    | CPSMean | CPSRSD | Units |
|------------|-------|---------|---------|---------|---------|--------|-------|
| Molybdenum | 94-1  | 17596   | 17888   | 17671   | 17718   | 0.86   | cps   |
| Molybdenum | 95-1  | 1100    | 1142    | 1183    | 1142    | 3.65   | cps   |
| Molybdenum | 96-1  | 4084    | 4243    | 4059    | 4129    | 2.41   | cps   |
| Molybdenum | 97-1  | 667     | 650     | 650     | 656     | 1.47   | cps   |
| Molybdenum | 98-1  | 1592    | 1642    | 1625    | 1620    | 1.57   | cps   |
| Neodymium  | 150-1 | 61484   | 61973   | 61578   | 61679   | 0.42   | cps   |
| Neodymium  | 150-2 | 7509    | 7285    | 7095    | 7297    | 2.84   | cps   |
| Nickel     | 60-2  | 10431   | 10337   | 10371   | 10380   | 0.46   | cps   |
| Phosphorus | 31-2  | 167     | 208     | 233     | 203     | 16.61  | cps   |
| Potassium  | 39-2  | 16402   | 15743   | 16978   | 16374   | 3.77   | cps   |
| Rhodium    | 103-1 | 4684219 | 4753212 | 4654816 | 4697416 | 1.08   | cps   |
| Rhodium    | 103-2 | 1125369 | 1117466 | 1114471 | 1119102 | 0.50   | cps   |
| Scandium   | 45-1  | 2665323 | 2649406 | 2619703 | 2644811 | 0.88   | cps   |
| Scandium   | 45-2  | 17688   | 17898   | 17468   | 17685   | 1.22   | cps   |
| Selenium   | 77-2  | 17      | 27      | 23      | 22      | 22.91  | cps   |
| Selenium   | 78-2  | 13      | 15      | 6       | 11      | 44.06  | cps   |
| Selenium   | 82-1  | 33      | 31      | 45      | 36      | 20.28  | cps   |
| Silicon    | 28-1  | 6550817 | 5852374 | 6016005 | 6139732 | 5.95   | cps   |
| Silver     | 109-1 | 633     | 550     | 633     | 606     | 7.95   | cps   |
| Silver     | 107-1 | 633     | 842     | 683     | 720     | 15.12  | cps   |
| Sodium     | 23-2  | 22752   | 22686   | 22544   | 22661   | 0.47   | cps   |
| Strontium  | 86-1  | 167523  | 164710  | 166674  | 166302  | 0.87   | cps   |
| Strontium  | 88-1  | 1486387 | 1480398 | 1482333 | 1483039 | 0.21   | cps   |
| Sulfur     | 34-1  | 285225  | 277433  | 278927  | 280528  | 1.47   | cps   |
| Terbium    | 159-1 | 7075672 | 7038519 | 6979579 | 7031257 | 0.69   | cps   |
| Terbium    | 159-2 | 1219890 | 1203003 | 1207626 | 1210173 | 0.72   | cps   |
| Thallium   | 203-1 | 2184    | 2559    | 2700    | 2481    | 10.76  | cps   |
| Thallium   | 205-1 | 5718    | 5543    | 5710    | 5657    | 1.75   | cps   |
| Tin        | 118-1 | 4518    | 4518    | 4359    | 4465    | 2.05   | cps   |
| Titanium   | 47-1  | 79787   | 72182   | 76283   | 76084   | 5.00   | cps   |
| Uranium    | 238-1 | 29269   | 29143   | 29311   | 29241   | 0.30   | cps   |
| Vanadium   | 51-2  | 9857    | 10201   | 10177   | 10078   | 1.91   | cps   |
| Yttrium    | 89-1  | 5650563 | 5722736 | 5686976 | 5686758 | 0.63   | cps   |
| Yttrium    | 89-2  | 147638  | 145582  | 145954  | 146391  | 0.75   | cps   |
| Zinc       | 66-2  | 5638    | 5775    | 5988    | 5800    | 3.04   | cps   |
| Zirconium  | 90-1  | 45296   | 49708   | 44073   | 46359   | 6.39   | cps   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB92809             | Operator :        | Jaswal    |
| Lab Sample ID :         | J1225-07            | Instrumnet Name : | P8        |
| Client Sample ID :      | MF6A69              | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2018-01-22 15:15:06 | DataFile Name :   | 028SMPL.d |

| Parameter | Mass | CPS1  | CPS2  | CPS3 | CPSMean | CPSRSD | Units |
|-----------|------|-------|-------|------|---------|--------|-------|
| Zirconium | 91-1 | 10430 | 10196 | 9520 | 10049   | 4.70   | cps   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB92809             | Operator :        | Jaswal    |
| Lab Sample ID :         | J1225-08            | Instrumnet Name : | P8        |
| Client Sample ID :      | MF6A70              | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2018-01-22 15:18:16 | DataFile Name :   | 029SMPL.d |

| Parameter  | Mass  | CPS1    | CPS2    | CPS3    | CPSMean | CPSRSD | Units |
|------------|-------|---------|---------|---------|---------|--------|-------|
| Aluminium  | 27-2  | 44697   | 45098   | 45173   | 44989   | 0.57   | cps   |
| Antimony   | 121-1 | 2775    | 2709    | 3025    | 2837    | 5.89   | cps   |
| Arsenic    | 75-2  | 502     | 498     | 494     | 498     | 0.74   | cps   |
| Barium     | 135-1 | 746546  | 742540  | 749950  | 746345  | 0.50   | cps   |
| Barium     | 137-1 | 1311223 | 1301786 | 1307076 | 1306695 | 0.36   | cps   |
| Beryllium  | 9-1   | 1156    | 1295    | 1072    | 1174    | 9.56   | cps   |
| Bismuth    | 209-1 | 4731678 | 4730411 | 4712508 | 4724866 | 0.23   | cps   |
| Bismuth    | 209-2 | 1032486 | 1032770 | 1032375 | 1032544 | 0.02   | cps   |
| Boron      | 10-1  | 725     | 783     | 750     | 753     | 3.89   | cps   |
| Boron      | 11-1  | 3367    | 3050    | 3301    | 3239    | 5.16   | cps   |
| Cadmium    | 111-1 | 966     | 1004    | 966     | 979     | 2.22   | cps   |
| Cadmium    | 106-1 | 1092    | 1125    | 1075    | 1097    | 2.32   | cps   |
| Cadmium    | 108-1 | 63      | 54      | 58      | 58      | 7.14   | cps   |
| Calcium    | 43-1  | 332678  | 329168  | 327061  | 329636  | 0.86   | cps   |
| Calcium    | 44-1  | 5386422 | 5367926 | 5353812 | 5369387 | 0.30   | cps   |
| Chromium   | 52-2  | 10344   | 10551   | 10681   | 10525   | 1.61   | cps   |
| Cobalt     | 59-2  | 14871   | 14748   | 14835   | 14818   | 0.43   | cps   |
| Copper     | 63-2  | 28456   | 28433   | 28256   | 28381   | 0.39   | cps   |
| Dysprosium | 156-1 | 43448   | 43649   | 43407   | 43501   | 0.30   | cps   |
| Dysprosium | 156-2 | 8329    | 8466    | 8353    | 8383    | 0.87   | cps   |
| Erbium     | 164-1 | 32692   | 32375   | 31573   | 32213   | 1.79   | cps   |
| Erbium     | 164-2 | 5675    | 5581    | 5468    | 5575    | 1.86   | cps   |
| Gadolinium | 160-1 | 40029   | 40622   | 39612   | 40088   | 1.27   | cps   |
| Gadolinium | 160-2 | 10004   | 10114   | 11627   | 10582   | 8.57   | cps   |
| Holmium    | 165-1 | 6879983 | 6865736 | 6799181 | 6848300 | 0.63   | cps   |
| Holmium    | 165-2 | 1275565 | 1274761 | 1262158 | 1270828 | 0.59   | cps   |
| Indium     | 115-1 | 5163407 | 5212873 | 5222185 | 5199488 | 0.61   | cps   |
| Indium     | 115-2 | 191735  | 190358  | 190601  | 190898  | 0.38   | cps   |
| Iron       | 56-2  | 8196917 | 8197465 | 8177879 | 8190754 | 0.14   | cps   |
| Iron       | 57-2  | 206547  | 205262  | 202675  | 204828  | 0.96   | cps   |
| Lead       | 206-1 | 135999  | 138828  | 134122  | 136316  | 1.74   | cps   |
| Lead       | 207-1 | 110510  | 110841  | 110089  | 110480  | 0.34   | cps   |
| Lead       | 208-1 | 524601  | 523869  | 521987  | 523486  | 0.26   | cps   |
| Lithium    | 6-1   | 808455  | 816152  | 814458  | 813022  | 0.50   | cps   |
| Magnesium  | 24-2  | 226240  | 230599  | 229971  | 228936  | 1.03   | cps   |
| Manganese  | 55-2  | 103392  | 103161  | 101317  | 102623  | 1.11   | cps   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB92809             | Operator :        | Jaswal    |
| Lab Sample ID :         | J1225-08            | Instrumnet Name : | P8        |
| Client Sample ID :      | MF6A70              | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2018-01-22 15:18:16 | DataFile Name :   | 029SMPL.d |

| Parameter  | Mass  | CPS1    | CPS2    | CPS3    | CPSMean | CPSRSD  | Units |
|------------|-------|---------|---------|---------|---------|---------|-------|
| Molybdenum | 94-1  | 25641   | 20150   | 19607   | 21799   | 15.31   | cps   |
| Molybdenum | 95-1  | 1217    | 1150    | 1083    | 1150    | 5.80    | cps   |
| Molybdenum | 96-1  | 4626    | 5010    | 4810    | 4815    | 3.98    | cps   |
| Molybdenum | 97-1  | 783     | 675     | 692     | 717     | 8.14    | cps   |
| Molybdenum | 98-1  | 1992    | 1792    | 1725    | 1836    | 7.56    | cps   |
| Neodymium  | 150-1 | 70376   | 71239   | 69491   | 70369   | 1.24    | cps   |
| Neodymium  | 150-2 | 8163    | 8276    | 8596    | 8345    | 2.69    | cps   |
| Nickel     | 60-2  | 11522   | 11935   | 11498   | 11652   | 2.11    | cps   |
| Phosphorus | 31-2  | 192     | 200     | 200     | 197     | 2.44    | cps   |
| Potassium  | 39-2  | 20908   | 20658   | 20441   | 20669   | 1.13    | cps   |
| Rhodium    | 103-1 | 4758228 | 4750016 | 4700953 | 4736399 | 0.65    | cps   |
| Rhodium    | 103-2 | 1136705 | 1125614 | 1127666 | 1129995 | 0.52    | cps   |
| Scandium   | 45-1  | 2670837 | 2639701 | 2659044 | 2656527 | 0.59    | cps   |
| Scandium   | 45-2  | 17348   | 17868   | 17514   | 17577   | 1.51    | cps   |
| Selenium   | 77-2  | 17      | 43      | 53      | 38      | 50.16   | cps   |
| Selenium   | 78-2  | 17      | 13      | 13      | 14      | 15.09   | cps   |
| Selenium   | 82-1  | 0       | -13     | 17      | 1       | 1072.83 | cps   |
| Silicon    | 28-1  | 6857603 | 7806905 | 6367828 | 7010779 | 10.44   | cps   |
| Silver     | 109-1 | 600     | 708     | 458     | 589     | 21.29   | cps   |
| Silver     | 107-1 | 742     | 575     | 575     | 631     | 15.26   | cps   |
| Sodium     | 23-2  | 23921   | 24205   | 23637   | 23921   | 1.19    | cps   |
| Strontium  | 86-1  | 130536  | 129653  | 131991  | 130726  | 0.90    | cps   |
| Strontium  | 88-1  | 1138752 | 1136769 | 1138586 | 1138036 | 0.10    | cps   |
| Sulfur     | 34-1  | 279572  | 277481  | 277570  | 278208  | 0.43    | cps   |
| Terbium    | 159-1 | 7043900 | 7023612 | 6964990 | 7010834 | 0.58    | cps   |
| Terbium    | 159-2 | 1213454 | 1217346 | 1207801 | 1212867 | 0.40    | cps   |
| Thallium   | 203-1 | 2534    | 2484    | 2267    | 2428    | 5.84    | cps   |
| Thallium   | 205-1 | 5301    | 5660    | 5760    | 5574    | 4.33    | cps   |
| Tin        | 118-1 | 5326    | 4926    | 5193    | 5148    | 3.96    | cps   |
| Titanium   | 47-1  | 56588   | 74970   | 57822   | 63127   | 16.28   | cps   |
| Uranium    | 238-1 | 24851   | 23957   | 24984   | 24597   | 2.27    | cps   |
| Vanadium   | 51-2  | 12726   | 12559   | 12489   | 12591   | 0.97    | cps   |
| Yttrium    | 89-1  | 5619708 | 5659871 | 5627940 | 5635839 | 0.38    | cps   |
| Yttrium    | 89-2  | 146415  | 146748  | 145613  | 146259  | 0.40    | cps   |
| Zinc       | 66-2  | 7062    | 7022    | 7005    | 7030    | 0.41    | cps   |
| Zirconium  | 90-1  | 52388   | 53799   | 53880   | 53355   | 1.57    | cps   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB92809             | Operator :        | Jaswal    |
| Lab Sample ID :         | J1225-08            | Instrumnet Name : | P8        |
| Client Sample ID :      | MF6A70              | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2018-01-22 15:18:16 | DataFile Name :   | 029SMPL.d |

| Parameter | Mass | CPS1  | CPS2  | CPS3  | CPSMean | CPSRSD | Units |
|-----------|------|-------|-------|-------|---------|--------|-------|
| Zirconium | 91-1 | 13228 | 12232 | 10988 | 12150   | 9.24   | cps   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB92809             | Operator :        | Jaswal    |
| Lab Sample ID :         | J1225-09            | Instrumnet Name : | P8        |
| Client Sample ID :      | MF6A71              | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2018-01-22 15:21:26 | DataFile Name :   | 030SMPL.d |

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|------------|-------|----------|----------|----------|----------|--------|-------|
| Aluminium  | 27-2  | 67319    | 65962    | 67830    | 67037    | 1.44   | cps   |
| Antimony   | 121-1 | 2842     | 2625     | 3359     | 2942     | 12.81  | cps   |
| Arsenic    | 75-2  | 4284     | 4204     | 4228     | 4239     | 0.96   | cps   |
| Barium     | 135-1 | 780088   | 775026   | 777135   | 777416   | 0.33   | cps   |
| Barium     | 137-1 | 1365015  | 1358162  | 1356018  | 1359732  | 0.35   | cps   |
| Beryllium  | 9-1   | 1789     | 2034     | 1984     | 1935     | 6.67   | cps   |
| Bismuth    | 209-1 | 4797482  | 4747339  | 4763174  | 4769331  | 0.54   | cps   |
| Bismuth    | 209-2 | 1029343  | 1025407  | 1027541  | 1027430  | 0.19   | cps   |
| Boron      | 10-1  | 1033     | 933      | 983      | 983      | 5.09   | cps   |
| Boron      | 11-1  | 4484     | 4426     | 4209     | 4373     | 3.31   | cps   |
| Cadmium    | 111-1 | 1276     | 1438     | 1489     | 1401     | 7.95   | cps   |
| Cadmium    | 106-1 | 1017     | 1158     | 1250     | 1142     | 10.30  | cps   |
| Cadmium    | 108-1 | 117      | 92       | 117      | 108      | 13.32  | cps   |
| Calcium    | 43-1  | 647502   | 644080   | 633246   | 641609   | 1.16   | cps   |
| Calcium    | 44-1  | 10448988 | 10355113 | 10466956 | 10423686 | 0.58   | cps   |
| Chromium   | 52-2  | 17201    | 18072    | 17608    | 17627    | 2.47   | cps   |
| Cobalt     | 59-2  | 33059    | 32832    | 33116    | 33003    | 0.46   | cps   |
| Copper     | 63-2  | 52864    | 52352    | 52532    | 52583    | 0.49   | cps   |
| Dysprosium | 156-1 | 64250    | 63689    | 64317    | 64086    | 0.54   | cps   |
| Dysprosium | 156-2 | 12710    | 12346    | 12323    | 12459    | 1.74   | cps   |
| Erbium     | 164-1 | 48584    | 48642    | 49713    | 48980    | 1.30   | cps   |
| Erbium     | 164-2 | 8286     | 8776     | 8316     | 8460     | 3.25   | cps   |
| Gadolinium | 160-1 | 60844    | 59863    | 59620    | 60109    | 1.08   | cps   |
| Gadolinium | 160-2 | 14992    | 14702    | 15192    | 14962    | 1.65   | cps   |
| Holmium    | 165-1 | 6821609  | 6801243  | 6843866  | 6822239  | 0.31   | cps   |
| Holmium    | 165-2 | 1266759  | 1261562  | 1270409  | 1266243  | 0.35   | cps   |
| Indium     | 115-1 | 5159663  | 5235442  | 5198730  | 5197945  | 0.73   | cps   |
| Indium     | 115-2 | 190027   | 186393   | 187906   | 188109   | 0.97   | cps   |
| Iron       | 56-2  | 10480089 | 10402824 | 10378210 | 10420374 | 0.51   | cps   |
| Iron       | 57-2  | 260043   | 258521   | 260857   | 259807   | 0.46   | cps   |
| Lead       | 206-1 | 206655   | 201661   | 203443   | 203919   | 1.24   | cps   |
| Lead       | 207-1 | 167255   | 167939   | 167399   | 167531   | 0.22   | cps   |
| Lead       | 208-1 | 793511   | 788331   | 791580   | 791141   | 0.33   | cps   |
| Lithium    | 6-1   | 809843   | 817997   | 814294   | 814044   | 0.50   | cps   |
| Magnesium  | 24-2  | 299843   | 299842   | 295716   | 298467   | 0.80   | cps   |
| Manganese  | 55-2  | 258580   | 255723   | 257765   | 257356   | 0.57   | cps   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB92809             | Operator :        | Jaswal    |
| Lab Sample ID :         | J1225-09            | Instrumnet Name : | P8        |
| Client Sample ID :      | MF6A71              | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2018-01-22 15:21:26 | DataFile Name :   | 030SMPL.d |

| Parameter  | Mass  | CPS1    | CPS2    | CPS3    | CPSMean | CPSRSD | Units |
|------------|-------|---------|---------|---------|---------|--------|-------|
| Molybdenum | 94-1  | 20875   | 20508   | 21176   | 20853   | 1.60   | cps   |
| Molybdenum | 95-1  | 2875    | 2442    | 2492    | 2603    | 9.11   | cps   |
| Molybdenum | 96-1  | 5977    | 5993    | 6410    | 6127    | 4.01   | cps   |
| Molybdenum | 97-1  | 1592    | 1784    | 1709    | 1695    | 5.70   | cps   |
| Molybdenum | 98-1  | 4092    | 4151    | 3984    | 4076    | 2.08   | cps   |
| Neodymium  | 150-1 | 101846  | 100596  | 100167  | 100870  | 0.86   | cps   |
| Neodymium  | 150-2 | 12042   | 12029   | 11632   | 11901   | 1.96   | cps   |
| Nickel     | 60-2  | 18679   | 18950   | 18836   | 18822   | 0.72   | cps   |
| Phosphorus | 31-2  | 283     | 233     | 292     | 269     | 11.71  | cps   |
| Potassium  | 39-2  | 32556   | 31611   | 32330   | 32166   | 1.53   | cps   |
| Rhodium    | 103-1 | 4691893 | 4691438 | 4697168 | 4693500 | 0.07   | cps   |
| Rhodium    | 103-2 | 1128434 | 1114420 | 1112060 | 1118305 | 0.79   | cps   |
| Scandium   | 45-1  | 2647472 | 2698360 | 2672280 | 2672704 | 0.95   | cps   |
| Scandium   | 45-2  | 18192   | 17688   | 17521   | 17800   | 1.96   | cps   |
| Selenium   | 77-2  | 70      | 53      | 50      | 58      | 18.55  | cps   |
| Selenium   | 78-2  | 28      | 19      | 30      | 25      | 23.52  | cps   |
| Selenium   | 82-1  | 72      | 66      | 55      | 65      | 13.44  | cps   |
| Silicon    | 28-1  | 7474168 | 8709535 | 6980983 | 7721562 | 11.53  | cps   |
| Silver     | 109-1 | 1383    | 1609    | 1600    | 1531    | 8.34   | cps   |
| Silver     | 107-1 | 1584    | 1875    | 1742    | 1734    | 8.42   | cps   |
| Sodium     | 23-2  | 29473   | 28939   | 28972   | 29128   | 1.03   | cps   |
| Strontium  | 86-1  | 253140  | 250762  | 249984  | 251295  | 0.65   | cps   |
| Strontium  | 88-1  | 2243295 | 2268491 | 2253645 | 2255143 | 0.56   | cps   |
| Sulfur     | 34-1  | 272662  | 276337  | 272730  | 273910  | 0.77   | cps   |
| Terbium    | 159-1 | 7015636 | 7062402 | 7010437 | 7029492 | 0.41   | cps   |
| Terbium    | 159-2 | 1212136 | 1201689 | 1203907 | 1205911 | 0.46   | cps   |
| Thallium   | 203-1 | 2884    | 2884    | 2917    | 2895    | 0.67   | cps   |
| Thallium   | 205-1 | 6827    | 6910    | 7377    | 7038    | 4.21   | cps   |
| Tin        | 118-1 | 7986    | 7986    | 7911    | 7961    | 0.54   | cps   |
| Titanium   | 47-1  | 44597   | 46779   | 44705   | 45360   | 2.71   | cps   |
| Uranium    | 238-1 | 45492   | 45861   | 45953   | 45769   | 0.53   | cps   |
| Vanadium   | 51-2  | 20582   | 21076   | 21069   | 20909   | 1.36   | cps   |
| Yttrium    | 89-1  | 5823623 | 5928310 | 5924925 | 5892286 | 1.01   | cps   |
| Yttrium    | 89-2  | 150758  | 149006  | 149373  | 149712  | 0.62   | cps   |
| Zinc       | 66-2  | 12029   | 12409   | 12206   | 12214   | 1.56   | cps   |
| Zirconium  | 90-1  | 62419   | 50637   | 50070   | 54376   | 12.82  | cps   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB92809             | Operator :        | Jaswal    |
| Lab Sample ID :         | J1225-09            | Instrumnet Name : | P8        |
| Client Sample ID :      | MF6A71              | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2018-01-22 15:21:26 | DataFile Name :   | 030SMPL.d |

| Parameter | Mass | CPS1  | CPS2  | CPS3  | CPSMean | CPSRSD | Units |
|-----------|------|-------|-------|-------|---------|--------|-------|
| Zirconium | 91-1 | 11789 | 11614 | 12090 | 11831   | 2.03   | cps   |



|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB92809             | Operator :        | Jaswal    |
| Lab Sample ID :         | J1225-10            | Instrumnet Name : | P8        |
| Client Sample ID :      | MF6A72              | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2018-01-22 15:24:36 | DataFile Name :   | 031SMPL.d |

| Parameter  | Mass  | CPS1    | CPS2    | CPS3    | CPSMean | CPSRSD | Units |
|------------|-------|---------|---------|---------|---------|--------|-------|
| Aluminium  | 27-2  | 62497   | 61610   | 62966   | 62358   | 1.10   | cps   |
| Antimony   | 121-1 | 2050    | 2459    | 2417    | 2309    | 9.73   | cps   |
| Arsenic    | 75-2  | 1009    | 920     | 974     | 968     | 4.63   | cps   |
| Barium     | 135-1 | 635915  | 639821  | 635463  | 637066  | 0.38   | cps   |
| Barium     | 137-1 | 1122504 | 1127462 | 1115678 | 1121881 | 0.53   | cps   |
| Beryllium  | 9-1   | 1645    | 1628    | 1589    | 1621    | 1.76   | cps   |
| Bismuth    | 209-1 | 4770911 | 4700239 | 4687204 | 4719452 | 0.95   | cps   |
| Bismuth    | 209-2 | 1032861 | 1024813 | 1014012 | 1023895 | 0.92   | cps   |
| Boron      | 10-1  | 892     | 833     | 967     | 897     | 7.45   | cps   |
| Boron      | 11-1  | 3726    | 3909    | 4334    | 3990    | 7.82   | cps   |
| Cadmium    | 111-1 | 1379    | 1390    | 1308    | 1359    | 3.28   | cps   |
| Cadmium    | 106-1 | 1475    | 1550    | 1458    | 1495    | 3.27   | cps   |
| Cadmium    | 108-1 | 113     | 113     | 108     | 111     | 2.16   | cps   |
| Calcium    | 43-1  | 288781  | 287115  | 286508  | 287468  | 0.41   | cps   |
| Calcium    | 44-1  | 4762684 | 4737773 | 4723182 | 4741213 | 0.42   | cps   |
| Chromium   | 52-2  | 15933   | 14961   | 15172   | 15355   | 3.33   | cps   |
| Cobalt     | 59-2  | 21834   | 22285   | 22592   | 22237   | 1.71   | cps   |
| Copper     | 63-2  | 43862   | 44093   | 44929   | 44295   | 1.27   | cps   |
| Dysprosium | 156-1 | 102189  | 103206  | 104282  | 103226  | 1.01   | cps   |
| Dysprosium | 156-2 | 21391   | 21191   | 20897   | 21160   | 1.17   | cps   |
| Erbium     | 164-1 | 96197   | 96548   | 97565   | 96770   | 0.73   | cps   |
| Erbium     | 164-2 | 16751   | 16864   | 16451   | 16689   | 1.28   | cps   |
| Gadolinium | 160-1 | 102813  | 102543  | 104610  | 103322  | 1.09   | cps   |
| Gadolinium | 160-2 | 25462   | 25742   | 25602   | 25602   | 0.55   | cps   |
| Holmium    | 165-1 | 6906255 | 6901982 | 6701341 | 6836526 | 1.71   | cps   |
| Holmium    | 165-2 | 1266257 | 1272511 | 1252422 | 1263730 | 0.81   | cps   |
| Indium     | 115-1 | 5261037 | 5214404 | 5115879 | 5197107 | 1.43   | cps   |
| Indium     | 115-2 | 191205  | 190365  | 189124  | 190231  | 0.55   | cps   |
| Iron       | 56-2  | 9885194 | 9876588 | 9899578 | 9887120 | 0.12   | cps   |
| Iron       | 57-2  | 248393  | 244178  | 245865  | 246145  | 0.86   | cps   |
| Lead       | 206-1 | 180606  | 180852  | 179320  | 180259  | 0.46   | cps   |
| Lead       | 207-1 | 147372  | 145608  | 147238  | 146739  | 0.67   | cps   |
| Lead       | 208-1 | 695651  | 692309  | 690737  | 692899  | 0.36   | cps   |
| Lithium    | 6-1   | 815104  | 816011  | 808566  | 813227  | 0.50   | cps   |
| Magnesium  | 24-2  | 274069  | 275809  | 273082  | 274320  | 0.50   | cps   |
| Manganese  | 55-2  | 88756   | 89454   | 89427   | 89213   | 0.44   | cps   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB92809             | Operator :        | Jaswal    |
| Lab Sample ID :         | J1225-10            | Instrumnet Name : | P8        |
| Client Sample ID :      | MF6A72              | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2018-01-22 15:24:36 | DataFile Name :   | 031SMPL.d |

| Parameter  | Mass  | CPS1    | CPS2    | CPS3    | CPSMean | CPSRSD | Units |
|------------|-------|---------|---------|---------|---------|--------|-------|
| Molybdenum | 94-1  | 25124   | 24957   | 23855   | 24646   | 2.80   | cps   |
| Molybdenum | 95-1  | 2284    | 2059    | 2142    | 2161    | 5.26   | cps   |
| Molybdenum | 96-1  | 6552    | 6810    | 6318    | 6560    | 3.75   | cps   |
| Molybdenum | 97-1  | 1383    | 1350    | 1242    | 1325    | 5.59   | cps   |
| Molybdenum | 98-1  | 3259    | 3242    | 3526    | 3342    | 4.76   | cps   |
| Neodymium  | 150-1 | 136488  | 137176  | 135297  | 136320  | 0.70   | cps   |
| Neodymium  | 150-2 | 16080   | 15846   | 15746   | 15891   | 1.08   | cps   |
| Nickel     | 60-2  | 16373   | 16096   | 16286   | 16252   | 0.87   | cps   |
| Phosphorus | 31-2  | 283     | 383     | 308     | 325     | 16.01  | cps   |
| Potassium  | 39-2  | 30685   | 30250   | 29950   | 30295   | 1.22   | cps   |
| Rhodium    | 103-1 | 4765943 | 4738857 | 4709371 | 4738057 | 0.60   | cps   |
| Rhodium    | 103-2 | 1123763 | 1122557 | 1122956 | 1123092 | 0.05   | cps   |
| Scandium   | 45-1  | 2687169 | 2692166 | 2635077 | 2671471 | 1.18   | cps   |
| Scandium   | 45-2  | 18315   | 17548   | 17965   | 17943   | 2.14   | cps   |
| Selenium   | 77-2  | 87      | 93      | 70      | 83      | 14.43  | cps   |
| Selenium   | 78-2  | 39      | 35      | 39      | 38      | 5.67   | cps   |
| Selenium   | 82-1  | 141     | 147     | 118     | 135     | 11.47  | cps   |
| Silicon    | 28-1  | 6098095 | 8042054 | 6236040 | 6792063 | 15.97  | cps   |
| Silver     | 109-1 | 1075    | 1167    | 1150    | 1131    | 4.32   | cps   |
| Silver     | 107-1 | 1292    | 983     | 1342    | 1206    | 16.10  | cps   |
| Sodium     | 23-2  | 26228   | 24898   | 24714   | 25280   | 3.27   | cps   |
| Strontium  | 86-1  | 155062  | 153815  | 153150  | 154009  | 0.63   | cps   |
| Strontium  | 88-1  | 1336393 | 1357052 | 1335297 | 1342914 | 0.91   | cps   |
| Sulfur     | 34-1  | 269889  | 269778  | 271018  | 270228  | 0.25   | cps   |
| Terbium    | 159-1 | 7077757 | 7054544 | 6974262 | 7035521 | 0.77   | cps   |
| Terbium    | 159-2 | 1215840 | 1212205 | 1200555 | 1209533 | 0.66   | cps   |
| Thallium   | 203-1 | 2867    | 3242    | 3034    | 3048    | 6.17   | cps   |
| Thallium   | 205-1 | 6769    | 7252    | 6885    | 6969    | 3.62   | cps   |
| Tin        | 118-1 | 7319    | 7111    | 7027    | 7152    | 2.10   | cps   |
| Titanium   | 47-1  | 61625   | 66414   | 69864   | 65967   | 6.27   | cps   |
| Uranium    | 238-1 | 61269   | 61737   | 60649   | 61218   | 0.89   | cps   |
| Vanadium   | 51-2  | 16243   | 15355   | 16079   | 15893   | 2.97   | cps   |
| Yttrium    | 89-1  | 6740291 | 6678531 | 6595036 | 6671286 | 1.09   | cps   |
| Yttrium    | 89-2  | 173871  | 173281  | 170765  | 172639  | 0.96   | cps   |
| Zinc       | 66-2  | 10337   | 10247   | 10638   | 10407   | 1.96   | cps   |
| Zirconium  | 90-1  | 64856   | 64906   | 67551   | 65771   | 2.34   | cps   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB92809             | Operator :        | Jaswal    |
| Lab Sample ID :         | J1225-10            | Instrumnet Name : | P8        |
| Client Sample ID :      | MF6A72              | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2018-01-22 15:24:36 | DataFile Name :   | 031SMPL.d |

| Parameter | Mass | CPS1  | CPS2  | CPS3  | CPSMean | CPSRSD | Units |
|-----------|------|-------|-------|-------|---------|--------|-------|
| Zirconium | 91-1 | 13874 | 14608 | 14934 | 14472   | 3.75   | cps   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB92809             | Operator :        | Jaswal    |
| Lab Sample ID :         | J1225-11            | Instrumnet Name : | P8        |
| Client Sample ID :      | MF6A73              | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2018-01-22 15:27:47 | DataFile Name :   | 032SMPL.d |

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|------------|-------|----------|----------|----------|----------|--------|-------|
| Aluminium  | 27-2  | 62162    | 61643    | 62740    | 62182    | 0.88   | cps   |
| Antimony   | 121-1 | 3084     | 2834     | 2859     | 2925     | 4.71   | cps   |
| Arsenic    | 75-2  | 2137     | 2198     | 2134     | 2156     | 1.69   | cps   |
| Barium     | 135-1 | 653535   | 658634   | 653696   | 655288   | 0.44   | cps   |
| Barium     | 137-1 | 1138848  | 1140514  | 1132397  | 1137253  | 0.38   | cps   |
| Beryllium  | 9-1   | 1628     | 1717     | 1567     | 1637     | 4.61   | cps   |
| Bismuth    | 209-1 | 4735872  | 4766380  | 4703109  | 4735120  | 0.67   | cps   |
| Bismuth    | 209-2 | 1020977  | 1022760  | 1020031  | 1021256  | 0.14   | cps   |
| Boron      | 10-1  | 1050     | 1125     | 1083     | 1086     | 3.46   | cps   |
| Boron      | 11-1  | 5076     | 4951     | 5276     | 5101     | 3.21   | cps   |
| Cadmium    | 111-1 | 1606     | 1601     | 1326     | 1511     | 10.61  | cps   |
| Cadmium    | 106-1 | 1350     | 1292     | 1200     | 1281     | 5.91   | cps   |
| Cadmium    | 108-1 | 79       | 58       | 92       | 76       | 22.04  | cps   |
| Calcium    | 43-1  | 595090   | 588099   | 588699   | 590629   | 0.66   | cps   |
| Calcium    | 44-1  | 9579902  | 9609577  | 9613142  | 9600874  | 0.19   | cps   |
| Chromium   | 52-2  | 25260    | 25033    | 24926    | 25073    | 0.68   | cps   |
| Cobalt     | 59-2  | 26342    | 26696    | 26809    | 26616    | 0.92   | cps   |
| Copper     | 63-2  | 55370    | 54570    | 54871    | 54937    | 0.74   | cps   |
| Dysprosium | 156-1 | 59620    | 60633    | 60173    | 60142    | 0.84   | cps   |
| Dysprosium | 156-2 | 11675    | 12239    | 11879    | 11931    | 2.39   | cps   |
| Erbium     | 164-1 | 45656    | 46802    | 46468    | 46309    | 1.27   | cps   |
| Erbium     | 164-2 | 8119     | 7903     | 8323     | 8115     | 2.59   | cps   |
| Gadolinium | 160-1 | 57578    | 57963    | 57017    | 57519    | 0.83   | cps   |
| Gadolinium | 160-2 | 14562    | 14318    | 14595    | 14492    | 1.04   | cps   |
| Holmium    | 165-1 | 6828942  | 6844188  | 6858736  | 6843955  | 0.22   | cps   |
| Holmium    | 165-2 | 1258857  | 1265054  | 1257584  | 1260498  | 0.32   | cps   |
| Indium     | 115-1 | 5210151  | 5153921  | 5142210  | 5168760  | 0.70   | cps   |
| Indium     | 115-2 | 188726   | 187879   | 187621   | 188075   | 0.31   | cps   |
| Iron       | 56-2  | 11601057 | 11615729 | 11617508 | 11611431 | 0.08   | cps   |
| Iron       | 57-2  | 288013   | 287494   | 288007   | 287838   | 0.10   | cps   |
| Lead       | 206-1 | 184181   | 185507   | 184397   | 184695   | 0.39   | cps   |
| Lead       | 207-1 | 150335   | 152787   | 152785   | 151969   | 0.93   | cps   |
| Lead       | 208-1 | 718962   | 720476   | 716188   | 718542   | 0.30   | cps   |
| Lithium    | 6-1   | 809484   | 806182   | 810776   | 808814   | 0.29   | cps   |
| Magnesium  | 24-2  | 313192   | 312875   | 312383   | 312817   | 0.13   | cps   |
| Manganese  | 55-2  | 179466   | 177588   | 179223   | 178759   | 0.57   | cps   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB92809             | Operator :        | Jaswal    |
| Lab Sample ID :         | J1225-11            | Instrumnet Name : | P8        |
| Client Sample ID :      | MF6A73              | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2018-01-22 15:27:47 | DataFile Name :   | 032SMPL.d |

| Parameter  | Mass  | CPS1    | CPS2    | CPS3    | CPSMean | CPSRSD | Units |
|------------|-------|---------|---------|---------|---------|--------|-------|
| Molybdenum | 94-1  | 17830   | 19154   | 17195   | 18060   | 5.53   | cps   |
| Molybdenum | 95-1  | 2309    | 2142    | 2359    | 2270    | 5.00   | cps   |
| Molybdenum | 96-1  | 5476    | 5410    | 5626    | 5504    | 2.02   | cps   |
| Molybdenum | 97-1  | 1325    | 1158    | 1659    | 1381    | 18.44  | cps   |
| Molybdenum | 98-1  | 3451    | 3659    | 3567    | 3559    | 2.94   | cps   |
| Neodymium  | 150-1 | 94385   | 94364   | 94780   | 94510   | 0.25   | cps   |
| Neodymium  | 150-2 | 10901   | 11202   | 11182   | 11095   | 1.51   | cps   |
| Nickel     | 60-2  | 17391   | 17408   | 17338   | 17379   | 0.21   | cps   |
| Phosphorus | 31-2  | 208     | 267     | 225     | 233     | 12.88  | cps   |
| Potassium  | 39-2  | 26743   | 26801   | 26826   | 26790   | 0.16   | cps   |
| Rhodium    | 103-1 | 4722651 | 4659884 | 4648415 | 4676983 | 0.85   | cps   |
| Rhodium    | 103-2 | 1120499 | 1114027 | 1112600 | 1115708 | 0.38   | cps   |
| Scandium   | 45-1  | 2649135 | 2657297 | 2676980 | 2661137 | 0.54   | cps   |
| Scandium   | 45-2  | 17471   | 17061   | 17244   | 17259   | 1.19   | cps   |
| Selenium   | 77-2  | 33      | 37      | 47      | 39      | 17.85  | cps   |
| Selenium   | 78-2  | 19      | 37      | 19      | 25      | 43.30  | cps   |
| Selenium   | 82-1  | 144     | 21      | 58      | 74      | 84.40  | cps   |
| Silicon    | 28-1  | 8023935 | 8516636 | 8840463 | 8460344 | 4.86   | cps   |
| Silver     | 109-1 | 808     | 683     | 733     | 742     | 8.48   | cps   |
| Silver     | 107-1 | 808     | 892     | 867     | 856     | 5.00   | cps   |
| Sodium     | 23-2  | 24814   | 24689   | 25073   | 24859   | 0.79   | cps   |
| Strontium  | 86-1  | 197619  | 195600  | 195405  | 196208  | 0.62   | cps   |
| Strontium  | 88-1  | 1767924 | 1767852 | 1764907 | 1766894 | 0.10   | cps   |
| Sulfur     | 34-1  | 274967  | 274551  | 271857  | 273792  | 0.62   | cps   |
| Terbium    | 159-1 | 7031310 | 7026174 | 6949986 | 7002490 | 0.65   | cps   |
| Terbium    | 159-2 | 1201641 | 1194150 | 1203529 | 1199773 | 0.41   | cps   |
| Thallium   | 203-1 | 2167    | 2200    | 2234    | 2200    | 1.52   | cps   |
| Thallium   | 205-1 | 4826    | 5135    | 5693    | 5218    | 8.42   | cps   |
| Tin        | 118-1 | 8920    | 9212    | 8812    | 8981    | 2.30   | cps   |
| Titanium   | 47-1  | 55837   | 50748   | 50606   | 52397   | 5.69   | cps   |
| Uranium    | 238-1 | 28216   | 28066   | 28609   | 28297   | 0.99   | cps   |
| Vanadium   | 51-2  | 16550   | 16780   | 16493   | 16608   | 0.92   | cps   |
| Yttrium    | 89-1  | 5758172 | 5858605 | 5828983 | 5815253 | 0.89   | cps   |
| Yttrium    | 89-2  | 150933  | 148457  | 149832  | 149741  | 0.83   | cps   |
| Zinc       | 66-2  | 13857   | 13370   | 14027   | 13751   | 2.48   | cps   |
| Zirconium  | 90-1  | 46542   | 48383   | 124212  | 73046   | 60.68  | cps   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB92809             | Operator :        | Jaswal    |
| Lab Sample ID :         | J1225-11            | Instrumnet Name : | P8        |
| Client Sample ID :      | MF6A73              | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2018-01-22 15:27:47 | DataFile Name :   | 032SMPL.d |

| Parameter | Mass | CPS1  | CPS2  | CPS3  | CPSMean | CPSRSD | Units |
|-----------|------|-------|-------|-------|---------|--------|-------|
| Zirconium | 91-1 | 11506 | 10684 | 11260 | 11150   | 3.78   | cps   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB92809             | Operator :        | Jaswal    |
| Lab Sample ID :         | J1225-12            | Instrumnet Name : | P8        |
| Client Sample ID :      | MF6A74              | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2018-01-22 15:30:57 | DataFile Name :   | 033SMPL.d |

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|------------|-------|----------|----------|----------|----------|--------|-------|
| Aluminium  | 27-2  | 51202    | 51904    | 50927    | 51344    | 0.98   | cps   |
| Antimony   | 121-1 | 3509     | 3867     | 4009     | 3795     | 6.79   | cps   |
| Arsenic    | 75-2  | 4955     | 4675     | 4706     | 4779     | 3.21   | cps   |
| Barium     | 135-1 | 639221   | 639489   | 648213   | 642308   | 0.80   | cps   |
| Barium     | 137-1 | 1111174  | 1117697  | 1113310  | 1114060  | 0.30   | cps   |
| Beryllium  | 9-1   | 1333     | 1422     | 1550     | 1435     | 7.59   | cps   |
| Bismuth    | 209-1 | 4726937  | 4720013  | 4738439  | 4728463  | 0.20   | cps   |
| Bismuth    | 209-2 | 1011580  | 1015377  | 1016849  | 1014602  | 0.27   | cps   |
| Boron      | 10-1  | 867      | 975      | 967      | 936      | 6.44   | cps   |
| Boron      | 11-1  | 4468     | 4401     | 4593     | 4487     | 2.17   | cps   |
| Cadmium    | 111-1 | 1651     | 1677     | 1761     | 1696     | 3.41   | cps   |
| Cadmium    | 106-1 | 1233     | 1300     | 1417     | 1317     | 7.05   | cps   |
| Cadmium    | 108-1 | 96       | 113      | 121      | 110      | 11.60  | cps   |
| Calcium    | 43-1  | 651899   | 653001   | 651175   | 652025   | 0.14   | cps   |
| Calcium    | 44-1  | 10626085 | 10622393 | 10589358 | 10612612 | 0.19   | cps   |
| Chromium   | 52-2  | 47450    | 47162    | 46731    | 47115    | 0.77   | cps   |
| Cobalt     | 59-2  | 20746    | 20282    | 20462    | 20496    | 1.14   | cps   |
| Copper     | 63-2  | 83234    | 83368    | 83056    | 83219    | 0.19   | cps   |
| Dysprosium | 156-1 | 55034    | 53485    | 54874    | 54464    | 1.56   | cps   |
| Dysprosium | 156-2 | 10718    | 10841    | 10775    | 10778    | 0.57   | cps   |
| Erbium     | 164-1 | 42027    | 41384    | 43340    | 42250    | 2.36   | cps   |
| Erbium     | 164-2 | 7232     | 7622     | 7426     | 7427     | 2.63   | cps   |
| Gadolinium | 160-1 | 53369    | 53369    | 52415    | 53051    | 1.04   | cps   |
| Gadolinium | 160-2 | 13017    | 12893    | 13184    | 13031    | 1.12   | cps   |
| Holmium    | 165-1 | 6830478  | 6820106  | 6786953  | 6812512  | 0.33   | cps   |
| Holmium    | 165-2 | 1244390  | 1245895  | 1243674  | 1244653  | 0.09   | cps   |
| Indium     | 115-1 | 5147087  | 5114483  | 5160379  | 5140650  | 0.46   | cps   |
| Indium     | 115-2 | 186670   | 185502   | 185541   | 185905   | 0.36   | cps   |
| Iron       | 56-2  | 9710154  | 9592823  | 9620370  | 9641115  | 0.64   | cps   |
| Iron       | 57-2  | 239801   | 241095   | 239586   | 240161   | 0.34   | cps   |
| Lead       | 206-1 | 210595   | 212323   | 210640   | 211186   | 0.47   | cps   |
| Lead       | 207-1 | 175018   | 174579   | 175417   | 175005   | 0.24   | cps   |
| Lead       | 208-1 | 819515   | 820897   | 819315   | 819909   | 0.11   | cps   |
| Lithium    | 6-1   | 798840   | 806272   | 801693   | 802269   | 0.47   | cps   |
| Magnesium  | 24-2  | 283217   | 278128   | 276581   | 279309   | 1.24   | cps   |
| Manganese  | 55-2  | 150716   | 149354   | 149944   | 150005   | 0.46   | cps   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB92809             | Operator :        | Jaswal    |
| Lab Sample ID :         | J1225-12            | Instrumnet Name : | P8        |
| Client Sample ID :      | MF6A74              | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2018-01-22 15:30:57 | DataFile Name :   | 033SMPL.d |

| Parameter  | Mass  | CPS1    | CPS2    | CPS3    | CPSMean | CPSRSD | Units |
|------------|-------|---------|---------|---------|---------|--------|-------|
| Molybdenum | 94-1  | 18923   | 18221   | 18589   | 18578   | 1.89   | cps   |
| Molybdenum | 95-1  | 4793    | 4376    | 4951    | 4707    | 6.31   | cps   |
| Molybdenum | 96-1  | 8144    | 8211    | 8053    | 8136    | 0.98   | cps   |
| Molybdenum | 97-1  | 3009    | 2892    | 3017    | 2973    | 2.35   | cps   |
| Molybdenum | 98-1  | 7294    | 7594    | 7477    | 7455    | 2.03   | cps   |
| Neodymium  | 150-1 | 87094   | 86001   | 86504   | 86533   | 0.63   | cps   |
| Neodymium  | 150-2 | 10197   | 9937    | 10031   | 10055   | 1.31   | cps   |
| Nickel     | 60-2  | 15072   | 14688   | 14451   | 14737   | 2.13   | cps   |
| Phosphorus | 31-2  | 192     | 125     | 192     | 169     | 22.71  | cps   |
| Potassium  | 39-2  | 23304   | 22928   | 22544   | 22925   | 1.66   | cps   |
| Rhodium    | 103-1 | 4691376 | 4639727 | 4694975 | 4675360 | 0.66   | cps   |
| Rhodium    | 103-2 | 1100158 | 1096804 | 1094412 | 1097125 | 0.26   | cps   |
| Scandium   | 45-1  | 2625744 | 2614435 | 2617455 | 2619211 | 0.22   | cps   |
| Scandium   | 45-2  | 17601   | 17438   | 16603   | 17214   | 3.11   | cps   |
| Selenium   | 77-2  | 33      | 47      | 30      | 37      | 24.06  | cps   |
| Selenium   | 78-2  | 31      | 28      | 26      | 28      | 9.95   | cps   |
| Selenium   | 82-1  | 74      | 83      | 50      | 69      | 24.84  | cps   |
| Silicon    | 28-1  | 7156796 | 7428502 | 6686551 | 7090616 | 5.29   | cps   |
| Silver     | 109-1 | 767     | 958     | 908     | 878     | 11.33  | cps   |
| Silver     | 107-1 | 925     | 783     | 933     | 881     | 9.57   | cps   |
| Sodium     | 23-2  | 28020   | 28045   | 28964   | 28343   | 1.90   | cps   |
| Strontium  | 86-1  | 193753  | 193079  | 192376  | 193069  | 0.36   | cps   |
| Strontium  | 88-1  | 1734077 | 1723809 | 1717431 | 1725105 | 0.49   | cps   |
| Sulfur     | 34-1  | 275444  | 275009  | 275730  | 275394  | 0.13   | cps   |
| Terbium    | 159-1 | 6947307 | 7036510 | 7021602 | 7001806 | 0.68   | cps   |
| Terbium    | 159-2 | 1188296 | 1181804 | 1182995 | 1184365 | 0.29   | cps   |
| Thallium   | 203-1 | 2309    | 2200    | 2225    | 2245    | 2.53   | cps   |
| Thallium   | 205-1 | 5543    | 5201    | 5535    | 5426    | 3.59   | cps   |
| Tin        | 118-1 | 14025   | 14817   | 14500   | 14447   | 2.76   | cps   |
| Titanium   | 47-1  | 52570   | 58089   | 48757   | 53139   | 8.83   | cps   |
| Uranium    | 238-1 | 29035   | 28801   | 29094   | 28976   | 0.53   | cps   |
| Vanadium   | 51-2  | 15262   | 15726   | 15229   | 15405   | 1.80   | cps   |
| Yttrium    | 89-1  | 5721246 | 5695464 | 5718887 | 5711866 | 0.25   | cps   |
| Yttrium    | 89-2  | 146455  | 145040  | 144003  | 145166  | 0.85   | cps   |
| Zinc       | 66-2  | 16890   | 16967   | 16754   | 16870   | 0.64   | cps   |
| Zirconium  | 90-1  | 43807   | 44790   | 43131   | 43909   | 1.90   | cps   |



|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB92809             | Operator :        | Jaswal    |
| Lab Sample ID :         | J1225-12            | Instrumnet Name : | P8        |
| Client Sample ID :      | MF6A74              | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2018-01-22 15:30:57 | DataFile Name :   | 033SMPL.d |

| Parameter | Mass | CPS1 | CPS2  | CPS3 | CPSMean | CPSRSD | Units |
|-----------|------|------|-------|------|---------|--------|-------|
| Zirconium | 91-1 | 9329 | 10031 | 9412 | 9590    | 4.00   | cps   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB92809             | Operator :        | Jaswal    |
| Lab Sample ID :         | J1225-13            | Instrumnet Name : | P8        |
| Client Sample ID :      | MF6A75              | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2018-01-22 15:34:07 | DataFile Name :   | 034SMPL.d |

| Parameter  | Mass  | CPS1    | CPS2    | CPS3    | CPSMean | CPSRSD | Units |
|------------|-------|---------|---------|---------|---------|--------|-------|
| Aluminium  | 27-2  | 46703   | 47866   | 46695   | 47088   | 1.43   | cps   |
| Antimony   | 121-1 | 3084    | 2967    | 2742    | 2931    | 5.93   | cps   |
| Arsenic    | 75-2  | 582     | 593     | 574     | 583     | 1.60   | cps   |
| Barium     | 135-1 | 583099  | 579745  | 576963  | 579935  | 0.53   | cps   |
| Barium     | 137-1 | 1012854 | 1007323 | 996480  | 1005552 | 0.83   | cps   |
| Beryllium  | 9-1   | 1345    | 1328    | 1283    | 1319    | 2.40   | cps   |
| Bismuth    | 209-1 | 4744957 | 4653802 | 4654755 | 4684505 | 1.12   | cps   |
| Bismuth    | 209-2 | 1001784 | 1000833 | 1003351 | 1001989 | 0.13   | cps   |
| Boron      | 10-1  | 700     | 900     | 908     | 836     | 14.11  | cps   |
| Boron      | 11-1  | 3526    | 3776    | 3851    | 3717    | 4.58   | cps   |
| Cadmium    | 111-1 | 1133    | 1289    | 1174    | 1199    | 6.76   | cps   |
| Cadmium    | 106-1 | 1200    | 1350    | 1308    | 1286    | 6.02   | cps   |
| Cadmium    | 108-1 | 88      | 92      | 96      | 92      | 4.55   | cps   |
| Calcium    | 43-1  | 600829  | 599902  | 592238  | 597657  | 0.79   | cps   |
| Calcium    | 44-1  | 9790673 | 9688095 | 9719540 | 9732770 | 0.54   | cps   |
| Chromium   | 52-2  | 12516   | 12553   | 12609   | 12559   | 0.37   | cps   |
| Cobalt     | 59-2  | 19160   | 18936   | 18766   | 18954   | 1.04   | cps   |
| Copper     | 63-2  | 40716   | 39623   | 39894   | 40078   | 1.42   | cps   |
| Dysprosium | 156-1 | 51578   | 51009   | 50055   | 50881   | 1.51   | cps   |
| Dysprosium | 156-2 | 9800    | 9570    | 10121   | 9831    | 2.81   | cps   |
| Erbium     | 164-1 | 38207   | 39018   | 38483   | 38569   | 1.07   | cps   |
| Erbium     | 164-2 | 6562    | 6855    | 6879    | 6765    | 2.61   | cps   |
| Gadolinium | 160-1 | 48868   | 48508   | 47956   | 48444   | 0.95   | cps   |
| Gadolinium | 160-2 | 12209   | 11802   | 11969   | 11993   | 1.71   | cps   |
| Holmium    | 165-1 | 6739433 | 6745908 | 6805494 | 6763612 | 0.54   | cps   |
| Holmium    | 165-2 | 1238700 | 1236704 | 1236144 | 1237183 | 0.11   | cps   |
| Indium     | 115-1 | 5102036 | 5091783 | 5154868 | 5116229 | 0.66   | cps   |
| Indium     | 115-2 | 182923  | 182997  | 184105  | 183341  | 0.36   | cps   |
| Iron       | 56-2  | 7583503 | 7488075 | 7554879 | 7542152 | 0.65   | cps   |
| Iron       | 57-2  | 186496  | 188512  | 187071  | 187360  | 0.55   | cps   |
| Lead       | 206-1 | 157823  | 158258  | 159089  | 158390  | 0.41   | cps   |
| Lead       | 207-1 | 128919  | 128285  | 128791  | 128665  | 0.26   | cps   |
| Lead       | 208-1 | 609354  | 607363  | 606858  | 607858  | 0.22   | cps   |
| Lithium    | 6-1   | 797359  | 792984  | 793456  | 794600  | 0.30   | cps   |
| Magnesium  | 24-2  | 316016  | 314515  | 312947  | 314493  | 0.49   | cps   |
| Manganese  | 55-2  | 98061   | 99404   | 97172   | 98212   | 1.14   | cps   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB92809             | Operator :        | Jaswal    |
| Lab Sample ID :         | J1225-13            | Instrumnet Name : | P8        |
| Client Sample ID :      | MF6A75              | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2018-01-22 15:34:07 | DataFile Name :   | 034SMPL.d |

| Parameter  | Mass  | CPS1    | CPS2    | CPS3    | CPSMean | CPSRSD | Units |
|------------|-------|---------|---------|---------|---------|--------|-------|
| Molybdenum | 94-1  | 25119   | 24031   | 22929   | 24026   | 4.56   | cps   |
| Molybdenum | 95-1  | 917     | 942     | 992     | 950     | 4.02   | cps   |
| Molybdenum | 96-1  | 5251    | 5510    | 5643    | 5468    | 3.64   | cps   |
| Molybdenum | 97-1  | 817     | 633     | 617     | 689     | 16.11  | cps   |
| Molybdenum | 98-1  | 1467    | 1767    | 1392    | 1542    | 12.87  | cps   |
| Neodymium  | 150-1 | 81022   | 79285   | 81116   | 80475   | 1.28   | cps   |
| Neodymium  | 150-2 | 9213    | 9414    | 9730    | 9452    | 2.76   | cps   |
| Nickel     | 60-2  | 14298   | 14688   | 14104   | 14363   | 2.07   | cps   |
| Phosphorus | 31-2  | 150     | 275     | 317     | 247     | 35.08  | cps   |
| Potassium  | 39-2  | 22344   | 22293   | 23512   | 22716   | 3.04   | cps   |
| Rhodium    | 103-1 | 4686805 | 4623955 | 4610686 | 4640482 | 0.88   | cps   |
| Rhodium    | 103-2 | 1092918 | 1091479 | 1085648 | 1090015 | 0.35   | cps   |
| Scandium   | 45-1  | 2604016 | 2572006 | 2583162 | 2586395 | 0.63   | cps   |
| Scandium   | 45-2  | 17274   | 17107   | 17021   | 17134   | 0.75   | cps   |
| Selenium   | 77-2  | 43      | 30      | 43      | 39      | 19.79  | cps   |
| Selenium   | 78-2  | 20      | 17      | 22      | 20      | 14.31  | cps   |
| Selenium   | 82-1  | 62      | 59      | 62      | 61      | 3.11   | cps   |
| Silicon    | 28-1  | 6024691 | 7314893 | 6249724 | 6529769 | 10.55  | cps   |
| Silver     | 109-1 | 942     | 958     | 1000    | 967     | 3.11   | cps   |
| Silver     | 107-1 | 1033    | 1008    | 1142    | 1061    | 6.68   | cps   |
| Sodium     | 23-2  | 22210   | 22494   | 22151   | 22285   | 0.82   | cps   |
| Strontium  | 86-1  | 181223  | 179954  | 178621  | 179932  | 0.72   | cps   |
| Strontium  | 88-1  | 1624565 | 1633607 | 1618791 | 1625654 | 0.46   | cps   |
| Sulfur     | 34-1  | 269658  | 269056  | 267214  | 268643  | 0.47   | cps   |
| Terbium    | 159-1 | 6927922 | 6925285 | 6860177 | 6904462 | 0.56   | cps   |
| Terbium    | 159-2 | 1185636 | 1179205 | 1177469 | 1180770 | 0.36   | cps   |
| Thallium   | 203-1 | 2684    | 2667    | 2734    | 2695    | 1.29   | cps   |
| Thallium   | 205-1 | 6427    | 6485    | 6660    | 6524    | 1.86   | cps   |
| Tin        | 118-1 | 5952    | 5793    | 5751    | 5832    | 1.81   | cps   |
| Titanium   | 47-1  | 63718   | 77779   | 64234   | 68577   | 11.63  | cps   |
| Uranium    | 238-1 | 28501   | 29010   | 27515   | 28342   | 2.68   | cps   |
| Vanadium   | 51-2  | 14441   | 14494   | 14121   | 14352   | 1.41   | cps   |
| Yttrium    | 89-1  | 5623192 | 5555322 | 5567226 | 5581913 | 0.65   | cps   |
| Yttrium    | 89-2  | 142362  | 143471  | 142728  | 142853  | 0.40   | cps   |
| Zinc       | 66-2  | 8606    | 8609    | 8493    | 8569    | 0.78   | cps   |
| Zirconium  | 90-1  | 61884   | 65431   | 73269   | 66862   | 8.71   | cps   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB92809             | Operator :        | Jaswal    |
| Lab Sample ID :         | J1225-13            | Instrumnet Name : | P8        |
| Client Sample ID :      | MF6A75              | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2018-01-22 15:34:07 | DataFile Name :   | 034SMPL.d |

| Parameter | Mass | CPS1  | CPS2  | CPS3  | CPSMean | CPSRSD | Units |
|-----------|------|-------|-------|-------|---------|--------|-------|
| Zirconium | 91-1 | 14183 | 15236 | 14658 | 14692   | 3.59   | cps   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB92809             | Operator :        | Jaswal    |
| Lab Sample ID :         | J1225-14            | Instrumnet Name : | P8        |
| Client Sample ID :      | MF6A76              | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2018-01-22 15:37:17 | DataFile Name :   | 035SMPL.d |

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|------------|-------|----------|----------|----------|----------|--------|-------|
| Aluminium  | 27-2  | 37292    | 36573    | 36807    | 36891    | 0.99   | cps   |
| Antimony   | 121-1 | 2834     | 2842     | 2742     | 2806     | 1.98   | cps   |
| Arsenic    | 75-2  | 1022     | 1015     | 1007     | 1015     | 0.73   | cps   |
| Barium     | 135-1 | 555264   | 556609   | 557561   | 556478   | 0.21   | cps   |
| Barium     | 137-1 | 975322   | 984692   | 974851   | 978288   | 0.57   | cps   |
| Beryllium  | 9-1   | 861      | 911      | 856      | 876      | 3.49   | cps   |
| Bismuth    | 209-1 | 4704898  | 4706408  | 4668395  | 4693234  | 0.46   | cps   |
| Bismuth    | 209-2 | 1009243  | 1000612  | 1006621  | 1005492  | 0.44   | cps   |
| Boron      | 10-1  | 692      | 533      | 675      | 633      | 13.74  | cps   |
| Boron      | 11-1  | 2692     | 2634     | 2784     | 2703     | 2.80   | cps   |
| Cadmium    | 111-1 | 1418     | 1446     | 1351     | 1405     | 3.48   | cps   |
| Cadmium    | 106-1 | 1233     | 1158     | 1017     | 1136     | 9.69   | cps   |
| Cadmium    | 108-1 | 113      | 75       | 117      | 101      | 22.63  | cps   |
| Calcium    | 43-1  | 769991   | 762669   | 758350   | 763670   | 0.77   | cps   |
| Calcium    | 44-1  | 12401878 | 12451376 | 12429835 | 12427696 | 0.20   | cps   |
| Chromium   | 52-2  | 15502    | 15472    | 15152    | 15375    | 1.26   | cps   |
| Cobalt     | 59-2  | 13563    | 13016    | 13283    | 13288    | 2.06   | cps   |
| Copper     | 63-2  | 35576    | 34526    | 34677    | 34926    | 1.62   | cps   |
| Dysprosium | 156-1 | 43030    | 43850    | 41500    | 42793    | 2.79   | cps   |
| Dysprosium | 156-2 | 8393     | 8226     | 8153     | 8257     | 1.49   | cps   |
| Erbium     | 164-1 | 35834    | 35516    | 35892    | 35747    | 0.57   | cps   |
| Erbium     | 164-2 | 6402     | 6108     | 6348     | 6286     | 2.49   | cps   |
| Gadolinium | 160-1 | 39996    | 40213    | 40673    | 40294    | 0.86   | cps   |
| Gadolinium | 160-2 | 9630     | 10237    | 10281    | 10050    | 3.62   | cps   |
| Holmium    | 165-1 | 6740894  | 6726035  | 6754153  | 6740361  | 0.21   | cps   |
| Holmium    | 165-2 | 1231774  | 1228144  | 1229027  | 1229648  | 0.15   | cps   |
| Indium     | 115-1 | 5177700  | 5129869  | 5115135  | 5140901  | 0.64   | cps   |
| Indium     | 115-2 | 183321   | 183980   | 182648   | 183316   | 0.36   | cps   |
| Iron       | 56-2  | 6212538  | 6121158  | 6245210  | 6192968  | 1.04   | cps   |
| Iron       | 57-2  | 154574   | 151755   | 154805   | 153711   | 1.10   | cps   |
| Lead       | 206-1 | 128544   | 126243   | 125627   | 126805   | 1.21   | cps   |
| Lead       | 207-1 | 106045   | 104684   | 102113   | 104281   | 1.91   | cps   |
| Lead       | 208-1 | 495436   | 488648   | 487156   | 490413   | 0.90   | cps   |
| Lithium    | 6-1   | 790961   | 787934   | 789432   | 789442   | 0.19   | cps   |
| Magnesium  | 24-2  | 245944   | 242968   | 245179   | 244697   | 0.63   | cps   |
| Manganese  | 55-2  | 73954    | 72631    | 73057    | 73214    | 0.92   | cps   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB92809             | Operator :        | Jaswal    |
| Lab Sample ID :         | J1225-14            | Instrumnet Name : | P8        |
| Client Sample ID :      | MF6A76              | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2018-01-22 15:37:17 | DataFile Name :   | 035SMPL.d |

| Parameter  | Mass  | CPS1     | CPS2    | CPS3    | CPSMean | CPSRSD | Units |
|------------|-------|----------|---------|---------|---------|--------|-------|
| Molybdenum | 94-1  | 22996    | 21512   | 21955   | 22154   | 3.44   | cps   |
| Molybdenum | 95-1  | 1025     | 1058    | 1033    | 1039    | 1.67   | cps   |
| Molybdenum | 96-1  | 5051     | 4693    | 5085    | 4943    | 4.40   | cps   |
| Molybdenum | 97-1  | 617      | 783     | 642     | 681     | 13.21  | cps   |
| Molybdenum | 98-1  | 1642     | 1467    | 1400    | 1503    | 8.31   | cps   |
| Neodymium  | 150-1 | 65952    | 67279   | 66314   | 66515   | 1.03   | cps   |
| Neodymium  | 150-2 | 7622     | 7522    | 7822    | 7656    | 2.00   | cps   |
| Nickel     | 60-2  | 10644    | 10341   | 10504   | 10496   | 1.45   | cps   |
| Phosphorus | 31-2  | 317      | 183     | 292     | 264     | 26.86  | cps   |
| Potassium  | 39-2  | 19089    | 18346   | 19281   | 18905   | 2.61   | cps   |
| Rhodium    | 103-1 | 4619849  | 4597634 | 4607946 | 4608476 | 0.24   | cps   |
| Rhodium    | 103-2 | 1082452  | 1083673 | 1086461 | 1084196 | 0.19   | cps   |
| Scandium   | 45-1  | 2587829  | 2541972 | 2540105 | 2556635 | 1.06   | cps   |
| Scandium   | 45-2  | 17034    | 16403   | 16497   | 16644   | 2.05   | cps   |
| Selenium   | 77-2  | 27       | 37      | 23      | 29      | 24.03  | cps   |
| Selenium   | 78-2  | 26       | 13      | 9       | 16      | 54.54  | cps   |
| Selenium   | 82-1  | 8        | 41      | 110     | 53      | 97.82  | cps   |
| Silicon    | 28-1  | 11315440 | 5725504 | 5800359 | 7613768 | 42.11  | cps   |
| Silver     | 109-1 | 1067     | 992     | 1017    | 1025    | 3.73   | cps   |
| Silver     | 107-1 | 1033     | 1158    | 1117    | 1103    | 5.77   | cps   |
| Sodium     | 23-2  | 20190    | 19789   | 20190   | 20056   | 1.15   | cps   |
| Strontium  | 86-1  | 190235   | 194938  | 192683  | 192619  | 1.22   | cps   |
| Strontium  | 88-1  | 1715994  | 1699560 | 1703266 | 1706273 | 0.51   | cps   |
| Sulfur     | 34-1  | 270591   | 271409  | 268090  | 270030  | 0.64   | cps   |
| Terbium    | 159-1 | 6919883  | 6927625 | 6822557 | 6890022 | 0.85   | cps   |
| Terbium    | 159-2 | 1175188  | 1178290 | 1176863 | 1176780 | 0.13   | cps   |
| Thallium   | 203-1 | 2684     | 2642    | 2700    | 2675    | 1.12   | cps   |
| Thallium   | 205-1 | 6569     | 6152    | 6619    | 6446    | 3.98   | cps   |
| Tin        | 118-1 | 4893     | 5068    | 4843    | 4934    | 2.40   | cps   |
| Titanium   | 47-1  | 92840    | 95500   | 93838   | 94059   | 1.43   | cps   |
| Uranium    | 238-1 | 33045    | 33329   | 32619   | 32998   | 1.08   | cps   |
| Vanadium   | 51-2  | 11715    | 11281   | 11482   | 11493   | 1.89   | cps   |
| Yttrium    | 89-1  | 5651155  | 5558254 | 5586562 | 5598657 | 0.85   | cps   |
| Yttrium    | 89-2  | 141955   | 141248  | 143393  | 142199  | 0.77   | cps   |
| Zinc       | 66-2  | 10054    | 9677    | 9987    | 9906    | 2.03   | cps   |
| Zirconium  | 90-1  | 62977    | 59107   | 56878   | 59654   | 5.17   | cps   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB92809             | Operator :        | Jaswal    |
| Lab Sample ID :         | J1225-14            | Instrumnet Name : | P8        |
| Client Sample ID :      | MF6A76              | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2018-01-22 15:37:17 | DataFile Name :   | 035SMPL.d |

| Parameter | Mass | CPS1  | CPS2  | CPS3  | CPSMean | CPSRSD | Units |
|-----------|------|-------|-------|-------|---------|--------|-------|
| Zirconium | 91-1 | 12381 | 12398 | 14535 | 13105   | 9.45   | cps   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB92809             | Operator :        | Jaswal    |
| Lab Sample ID :         | J1225-15            | Instrumnet Name : | P8        |
| Client Sample ID :      | MF6A76D             | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2018-01-22 15:40:26 | DataFile Name :   | 036SMPL.d |

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|------------|-------|----------|----------|----------|----------|--------|-------|
| Aluminium  | 27-2  | 36164    | 36147    | 36406    | 36239    | 0.40   | cps   |
| Antimony   | 121-1 | 2667     | 2642     | 2817     | 2709     | 3.49   | cps   |
| Arsenic    | 75-2  | 978      | 907      | 1015     | 967      | 5.64   | cps   |
| Barium     | 135-1 | 561546   | 552900   | 559189   | 557878   | 0.80   | cps   |
| Barium     | 137-1 | 972218   | 975132   | 973130   | 973493   | 0.15   | cps   |
| Beryllium  | 9-1   | 1050     | 911      | 850      | 937      | 10.94  | cps   |
| Bismuth    | 209-1 | 4660146  | 4657450  | 4669370  | 4662322  | 0.13   | cps   |
| Bismuth    | 209-2 | 1000333  | 1002540  | 870582   | 957818   | 7.89   | cps   |
| Boron      | 10-1  | 692      | 492      | 833      | 672      | 25.54  | cps   |
| Boron      | 11-1  | 2792     | 2517     | 2584     | 2631     | 5.45   | cps   |
| Cadmium    | 111-1 | 1618     | 1439     | 1538     | 1532     | 5.87   | cps   |
| Cadmium    | 106-1 | 1392     | 1308     | 1175     | 1292     | 8.46   | cps   |
| Cadmium    | 108-1 | 133      | 104      | 92       | 110      | 19.49  | cps   |
| Calcium    | 43-1  | 765017   | 758609   | 758144   | 760590   | 0.50   | cps   |
| Calcium    | 44-1  | 12359705 | 12386939 | 12397080 | 12381241 | 0.16   | cps   |
| Chromium   | 52-2  | 16053    | 15332    | 15589    | 15658    | 2.33   | cps   |
| Cobalt     | 59-2  | 13417    | 13126    | 13580    | 13374    | 1.72   | cps   |
| Copper     | 63-2  | 34597    | 34553    | 34506    | 34552    | 0.13   | cps   |
| Dysprosium | 156-1 | 42152    | 43692    | 42629    | 42824    | 1.84   | cps   |
| Dysprosium | 156-2 | 8049     | 8243     | 8583     | 8292     | 3.26   | cps   |
| Erbium     | 164-1 | 35625    | 35533    | 35073    | 35410    | 0.83   | cps   |
| Erbium     | 164-2 | 6128     | 6278     | 6078     | 6162     | 1.69   | cps   |
| Gadolinium | 160-1 | 41099    | 40246    | 40673    | 40673    | 1.05   | cps   |
| Gadolinium | 160-2 | 9824     | 9737     | 9727     | 9763     | 0.54   | cps   |
| Holmium    | 165-1 | 6729224  | 6745328  | 6699065  | 6724539  | 0.35   | cps   |
| Holmium    | 165-2 | 1226864  | 1235612  | 1070499  | 1177658  | 7.89   | cps   |
| Indium     | 115-1 | 5040027  | 5098054  | 5109455  | 5082512  | 0.73   | cps   |
| Indium     | 115-2 | 183043   | 182894   | 157779   | 174572   | 8.33   | cps   |
| Iron       | 56-2  | 6168646  | 6176386  | 6267689  | 6204240  | 0.89   | cps   |
| Iron       | 57-2  | 154193   | 152429   | 155007   | 153876   | 0.86   | cps   |
| Lead       | 206-1 | 127175   | 126013   | 128909   | 127365   | 1.14   | cps   |
| Lead       | 207-1 | 104829   | 102544   | 103603   | 103659   | 1.10   | cps   |
| Lead       | 208-1 | 489143   | 486067   | 489629   | 488280   | 0.40   | cps   |
| Lithium    | 6-1   | 785963   | 788805   | 794034   | 789600   | 0.52   | cps   |
| Magnesium  | 24-2  | 243579   | 241584   | 245073   | 243412   | 0.72   | cps   |
| Manganese  | 55-2  | 73724    | 72624    | 73261    | 73203    | 0.75   | cps   |



|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB92809             | Operator :        | Jaswal    |
| Lab Sample ID :         | J1225-15            | Instrumnet Name : | P8        |
| Client Sample ID :      | MF6A76D             | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2018-01-22 15:40:26 | DataFile Name :   | 036SMPL.d |

| Parameter  | Mass  | CPS1    | CPS2    | CPS3    | CPSMean | CPSRSD | Units |
|------------|-------|---------|---------|---------|---------|--------|-------|
| Molybdenum | 94-1  | 22070   | 21852   | 24185   | 22702   | 5.68   | cps   |
| Molybdenum | 95-1  | 1175    | 917     | 933     | 1008    | 14.34  | cps   |
| Molybdenum | 96-1  | 4676    | 4601    | 4959    | 4745    | 3.98   | cps   |
| Molybdenum | 97-1  | 625     | 633     | 725     | 661     | 8.39   | cps   |
| Molybdenum | 98-1  | 1450    | 1642    | 1383    | 1492    | 8.99   | cps   |
| Neodymium  | 150-1 | 65209   | 66086   | 65826   | 65707   | 0.69   | cps   |
| Neodymium  | 150-2 | 7856    | 7579    | 7579    | 7671    | 2.08   | cps   |
| Nickel     | 60-2  | 10394   | 10094   | 10464   | 10317   | 1.91   | cps   |
| Phosphorus | 31-2  | 208     | 308     | 250     | 256     | 19.65  | cps   |
| Potassium  | 39-2  | 18830   | 18163   | 18747   | 18580   | 1.96   | cps   |
| Rhodium    | 103-1 | 4601482 | 4553897 | 4629230 | 4594870 | 0.83   | cps   |
| Rhodium    | 103-2 | 1086606 | 1087141 | 943353  | 1039033 | 7.97   | cps   |
| Scandium   | 45-1  | 2559076 | 2559890 | 2556692 | 2558553 | 0.06   | cps   |
| Scandium   | 45-2  | 16250   | 16867   | 14398   | 15838   | 8.11   | cps   |
| Selenium   | 77-2  | 30      | 20      | 23      | 24      | 20.83  | cps   |
| Selenium   | 78-2  | 11      | 15      | 17      | 14      | 19.94  | cps   |
| Selenium   | 82-1  | 52      | 7       | 51      | 37      | 70.29  | cps   |
| Silicon    | 28-1  | 6232816 | 5916867 | 7054832 | 6401505 | 9.18   | cps   |
| Silver     | 109-1 | 942     | 917     | 842     | 900     | 5.78   | cps   |
| Silver     | 107-1 | 1008    | 1192    | 1067    | 1089    | 8.60   | cps   |
| Sodium     | 23-2  | 19815   | 19514   | 19339   | 19556   | 1.23   | cps   |
| Strontium  | 86-1  | 192370  | 189961  | 189999  | 190777  | 0.72   | cps   |
| Strontium  | 88-1  | 1698639 | 1711103 | 1717995 | 1709246 | 0.57   | cps   |
| Sulfur     | 34-1  | 271714  | 270059  | 275758  | 272510  | 1.08   | cps   |
| Terbium    | 159-1 | 6841739 | 6845493 | 6943734 | 6876989 | 0.84   | cps   |
| Terbium    | 159-2 | 1171445 | 1176026 | 1019376 | 1122282 | 7.94   | cps   |
| Thallium   | 203-1 | 2692    | 2509    | 2700    | 2634    | 4.11   | cps   |
| Thallium   | 205-1 | 6427    | 6952    | 6735    | 6705    | 3.94   | cps   |
| Tin        | 118-1 | 5076    | 4851    | 4851    | 4926    | 2.64   | cps   |
| Titanium   | 47-1  | 125009  | 90866   | 91390   | 102422  | 19.10  | cps   |
| Uranium    | 238-1 | 31507   | 32351   | 32602   | 32153   | 1.78   | cps   |
| Vanadium   | 51-2  | 11391   | 11105   | 11381   | 11293   | 1.44   | cps   |
| Yttrium    | 89-1  | 5598190 | 5565163 | 5589938 | 5584430 | 0.31   | cps   |
| Yttrium    | 89-2  | 142429  | 141781  | 125711  | 136640  | 6.93   | cps   |
| Zinc       | 66-2  | 9520    | 9970    | 9854    | 9781    | 2.39   | cps   |
| Zirconium  | 90-1  | 68298   | 58161   | 61888   | 62782   | 8.17   | cps   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB92809             | Operator :        | Jaswal    |
| Lab Sample ID :         | J1225-15            | Instrumnet Name : | P8        |
| Client Sample ID :      | MF6A76D             | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2018-01-22 15:40:26 | DataFile Name :   | 036SMPL.d |

| Parameter | Mass | CPS1  | CPS2  | CPS3  | CPSMean | CPSRSD | Units |
|-----------|------|-------|-------|-------|---------|--------|-------|
| Zirconium | 91-1 | 12848 | 13458 | 13499 | 13268   | 2.75   | cps   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB92809             | Operator :        | Jaswal    |
| Lab Sample ID :         | J1225-14LX5         | Instrumnet Name : | P8        |
| Client Sample ID :      | MF6A76L             | Dilution Factor : | 5         |
| Date & Time Acquired :: | 2018-01-22 15:43:36 | DataFile Name :   | 037SMPL.d |

| Parameter  | Mass  | CPS1    | CPS2    | CPS3    | CPSMean | CPSRSD | Units |
|------------|-------|---------|---------|---------|---------|--------|-------|
| Aluminium  | 27-2  | 7252    | 7236    | 7544    | 7344    | 2.36   | cps   |
| Antimony   | 121-1 | 692     | 592     | 650     | 644     | 7.79   | cps   |
| Arsenic    | 75-2  | 170     | 169     | 198     | 179     | 9.27   | cps   |
| Barium     | 135-1 | 105553  | 108618  | 106334  | 106835  | 1.49   | cps   |
| Barium     | 137-1 | 185805  | 184810  | 183990  | 184868  | 0.49   | cps   |
| Beryllium  | 9-1   | 256     | 222     | 189     | 222     | 15.00  | cps   |
| Bismuth    | 209-1 | 4678886 | 4345241 | 4546383 | 4523503 | 3.71   | cps   |
| Bismuth    | 209-2 | 1017382 | 1014931 | 1015155 | 1015823 | 0.13   | cps   |
| Boron      | 10-1  | 242     | 367     | 425     | 344     | 27.19  | cps   |
| Boron      | 11-1  | 1467    | 1425    | 1375    | 1422    | 3.23   | cps   |
| Cadmium    | 111-1 | 823     | 605     | 764     | 731     | 15.45  | cps   |
| Cadmium    | 106-1 | 1025    | 733     | 917     | 892     | 16.54  | cps   |
| Cadmium    | 108-1 | 33      | 42      | 33      | 36      | 13.33  | cps   |
| Calcium    | 43-1  | 147558  | 148420  | 146549  | 147509  | 0.63   | cps   |
| Calcium    | 44-1  | 2469780 | 2471490 | 2428279 | 2456516 | 1.00   | cps   |
| Chromium   | 52-2  | 3124    | 3304    | 3200    | 3209    | 2.81   | cps   |
| Cobalt     | 59-2  | 2617    | 2650    | 2620    | 2629    | 0.70   | cps   |
| Copper     | 63-2  | 7015    | 6912    | 7039    | 6989    | 0.97   | cps   |
| Dysprosium | 156-1 | 8486    | 8470    | 8436    | 8464    | 0.30   | cps   |
| Dysprosium | 156-2 | 1730    | 1557    | 1607    | 1631    | 5.47   | cps   |
| Erbium     | 164-1 | 6427    | 6210    | 6894    | 6510    | 5.37   | cps   |
| Erbium     | 164-2 | 1063    | 1257    | 1067    | 1129    | 9.80   | cps   |
| Gadolinium | 160-1 | 7344    | 7694    | 7527    | 7522    | 2.33   | cps   |
| Gadolinium | 160-2 | 2084    | 1884    | 1770    | 1912    | 8.30   | cps   |
| Holmium    | 165-1 | 6636515 | 6150858 | 6560459 | 6449277 | 4.05   | cps   |
| Holmium    | 165-2 | 1236917 | 1242071 | 1234046 | 1237678 | 0.33   | cps   |
| Indium     | 115-1 | 5159913 | 4796658 | 4993820 | 4983463 | 3.65   | cps   |
| Indium     | 115-2 | 188265  | 188489  | 186778  | 187844  | 0.49   | cps   |
| Iron       | 56-2  | 1198468 | 1202388 | 1207738 | 1202865 | 0.39   | cps   |
| Iron       | 57-2  | 31024   | 30300   | 29866   | 30397   | 1.92   | cps   |
| Lead       | 206-1 | 24335   | 24802   | 24279   | 24472   | 1.17   | cps   |
| Lead       | 207-1 | 20790   | 20328   | 19677   | 20265   | 2.76   | cps   |
| Lead       | 208-1 | 95085   | 95871   | 94312   | 95089   | 0.82   | cps   |
| Lithium    | 6-1   | 780463  | 731057  | 767357  | 759626  | 3.37   | cps   |
| Magnesium  | 24-2  | 47781   | 48242   | 47890   | 47971   | 0.50   | cps   |
| Manganese  | 55-2  | 14354   | 14107   | 14418   | 14293   | 1.15   | cps   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB92809             | Operator :        | Jaswal    |
| Lab Sample ID :         | J1225-14LX5         | Instrumnet Name : | P8        |
| Client Sample ID :      | MF6A76L             | Dilution Factor : | 5         |
| Date & Time Acquired :: | 2018-01-22 15:43:36 | DataFile Name :   | 037SMPL.d |

| Parameter  | Mass  | CPS1    | CPS2    | CPS3    | CPSMean | CPSRSD | Units |
|------------|-------|---------|---------|---------|---------|--------|-------|
| Molybdenum | 94-1  | 3926    | 4193    | 4159    | 4093    | 3.55   | cps   |
| Molybdenum | 95-1  | 183     | 242     | 250     | 225     | 16.14  | cps   |
| Molybdenum | 96-1  | 1017    | 925     | 1008    | 983     | 5.16   | cps   |
| Molybdenum | 97-1  | 183     | 175     | 117     | 158     | 22.94  | cps   |
| Molybdenum | 98-1  | 317     | 317     | 333     | 322     | 2.99   | cps   |
| Neodymium  | 150-1 | 12260   | 12840   | 11839   | 12313   | 4.08   | cps   |
| Neodymium  | 150-2 | 1567    | 1603    | 1553    | 1575    | 1.64   | cps   |
| Nickel     | 60-2  | 2497    | 2647    | 2580    | 2575    | 2.92   | cps   |
| Phosphorus | 31-2  | 8       | 50      | 25      | 28      | 75.51  | cps   |
| Potassium  | 39-2  | 5151    | 5118    | 4968    | 5079    | 1.92   | cps   |
| Rhodium    | 103-1 | 4688987 | 4282363 | 4554487 | 4508612 | 4.59   | cps   |
| Rhodium    | 103-2 | 1096765 | 1096547 | 1097007 | 1096773 | 0.02   | cps   |
| Scandium   | 45-1  | 2547257 | 2375216 | 2480793 | 2467756 | 3.52   | cps   |
| Scandium   | 45-2  | 16910   | 16607   | 16740   | 16752   | 0.91   | cps   |
| Selenium   | 77-2  | 7       | 0       | 7       | 4       | 86.60  | cps   |
| Selenium   | 78-2  | 2       | 6       | 6       | 4       | 49.54  | cps   |
| Selenium   | 82-1  | 45      | -21     | 26      | 16      | 208.85 | cps   |
| Silicon    | 28-1  | 1305839 | 1458514 | 1836338 | 1533564 | 17.81  | cps   |
| Silver     | 109-1 | 292     | 292     | 275     | 286     | 3.36   | cps   |
| Silver     | 107-1 | 408     | 342     | 183     | 311     | 37.15  | cps   |
| Sodium     | 23-2  | 8853    | 9095    | 8611    | 8853    | 2.73   | cps   |
| Strontium  | 86-1  | 36817   | 37310   | 37327   | 37152   | 0.78   | cps   |
| Strontium  | 88-1  | 321032  | 317356  | 318333  | 318907  | 0.60   | cps   |
| Sulfur     | 34-1  | 279709  | 280012  | 280192  | 279971  | 0.09   | cps   |
| Terbium    | 159-1 | 6825098 | 6301173 | 6662770 | 6596347 | 4.07   | cps   |
| Terbium    | 159-2 | 1184160 | 1175821 | 1171101 | 1177027 | 0.56   | cps   |
| Thallium   | 203-1 | 533     | 717     | 692     | 647     | 15.36  | cps   |
| Thallium   | 205-1 | 1258    | 1500    | 1575    | 1445    | 11.46  | cps   |
| Tin        | 118-1 | 1283    | 1208    | 1225    | 1239    | 3.18   | cps   |
| Titanium   | 47-1  | 16544   | 16352   | 18765   | 17220   | 7.79   | cps   |
| Uranium    | 238-1 | 6702    | 5885    | 6469    | 6352    | 6.63   | cps   |
| Vanadium   | 51-2  | 2267    | 2207    | 2244    | 2239    | 1.35   | cps   |
| Yttrium    | 89-1  | 5220750 | 4853289 | 5106380 | 5060140 | 3.72   | cps   |
| Yttrium    | 89-2  | 134787  | 135181  | 133926  | 134631  | 0.48   | cps   |
| Zinc       | 66-2  | 1974    | 2030    | 1990    | 1998    | 1.46   | cps   |
| Zirconium  | 90-1  | 11097   | 10847   | 11547   | 11164   | 3.18   | cps   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB92809             | Operator :        | Jaswal    |
| Lab Sample ID :         | J1225-14LX5         | Instrumnet Name : | P8        |
| Client Sample ID :      | MF6A76L             | Dilution Factor : | 5         |
| Date & Time Acquired :: | 2018-01-22 15:43:36 | DataFile Name :   | 037SMPL.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|-----------|------|------|------|------|---------|--------|-------|
| Zirconium | 91-1 | 2250 | 2475 | 2775 | 2500    | 10.54  | cps   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB92809             | Operator :        | Jaswal    |
| Lab Sample ID :         | J1225-16            | Instrumnet Name : | P8        |
| Client Sample ID :      | MF6A76S             | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2018-01-22 15:46:47 | DataFile Name :   | 038SMPL.d |

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|------------|-------|----------|----------|----------|----------|--------|-------|
| Aluminium  | 27-2  | 37760    | 37434    | 39273    | 38155    | 2.57   | cps   |
| Antimony   | 121-1 | 151382   | 149705   | 151256   | 150781   | 0.62   | cps   |
| Arsenic    | 75-2  | 1470     | 1465     | 1532     | 1489     | 2.48   | cps   |
| Barium     | 135-1 | 1217007  | 1205093  | 1196449  | 1206183  | 0.86   | cps   |
| Barium     | 137-1 | 2159216  | 2157951  | 2155435  | 2157534  | 0.09   | cps   |
| Beryllium  | 9-1   | 8480     | 8419     | 8447     | 8449     | 0.36   | cps   |
| Bismuth    | 209-1 | 4653012  | 4643637  | 4652455  | 4649701  | 0.11   | cps   |
| Bismuth    | 209-2 | 1000638  | 1000897  | 1024279  | 1008605  | 1.35   | cps   |
| Boron      | 10-1  | 467      | 617      | 583      | 556      | 14.18  | cps   |
| Boron      | 11-1  | 2717     | 2425     | 2650     | 2598     | 5.89   | cps   |
| Cadmium    | 111-1 | 16976    | 16812    | 16605    | 16798    | 1.11   | cps   |
| Cadmium    | 106-1 | 2600     | 2684     | 2342     | 2542     | 7.01   | cps   |
| Cadmium    | 108-1 | 1113     | 913      | 979      | 1001     | 10.17  | cps   |
| Calcium    | 43-1  | 757041   | 759760   | 752772   | 756524   | 0.47   | cps   |
| Calcium    | 44-1  | 12368120 | 12325734 | 12156012 | 12283288 | 0.91   | cps   |
| Chromium   | 52-2  | 35592    | 34646    | 36428    | 35555    | 2.51   | cps   |
| Cobalt     | 59-2  | 128102   | 126265   | 129381   | 127916   | 1.22   | cps   |
| Copper     | 63-2  | 85061    | 84434    | 86353    | 85283    | 1.15   | cps   |
| Dysprosium | 156-1 | 42528    | 41308    | 41417    | 41751    | 1.62   | cps   |
| Dysprosium | 156-2 | 8083     | 7582     | 8123     | 7929     | 3.80   | cps   |
| Erbium     | 164-1 | 36210    | 34246    | 34447    | 34968    | 3.09   | cps   |
| Erbium     | 164-2 | 6312     | 6035     | 6282     | 6209     | 2.45   | cps   |
| Gadolinium | 160-1 | 41015    | 40280    | 40322    | 40539    | 1.02   | cps   |
| Gadolinium | 160-2 | 9917     | 10191    | 10221    | 10110    | 1.65   | cps   |
| Holmium    | 165-1 | 6716082  | 6700482  | 6666888  | 6694484  | 0.38   | cps   |
| Holmium    | 165-2 | 1230031  | 1223074  | 1259194  | 1237433  | 1.55   | cps   |
| Indium     | 115-1 | 5059491  | 5099672  | 5040653  | 5066606  | 0.59   | cps   |
| Indium     | 115-2 | 183280   | 181080   | 188268   | 184210   | 2.00   | cps   |
| Iron       | 56-2  | 6247123  | 6280371  | 6358935  | 6295476  | 0.91   | cps   |
| Iron       | 57-2  | 156047   | 155681   | 157119   | 156282   | 0.48   | cps   |
| Lead       | 206-1 | 149098   | 146429   | 148019   | 147848   | 0.91   | cps   |
| Lead       | 207-1 | 122945   | 122850   | 121128   | 122308   | 0.84   | cps   |
| Lead       | 208-1 | 578135   | 571368   | 571919   | 573807   | 0.65   | cps   |
| Lithium    | 6-1   | 783614   | 781190   | 784246   | 783017   | 0.21   | cps   |
| Magnesium  | 24-2  | 242679   | 241542   | 246885   | 243702   | 1.15   | cps   |
| Manganese  | 55-2  | 87210    | 87099    | 89464    | 87924    | 1.52   | cps   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB92809             | Operator :        | Jaswal    |
| Lab Sample ID :         | J1225-16            | Instrumnet Name : | P8        |
| Client Sample ID :      | MF6A76S             | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2018-01-22 15:46:47 | DataFile Name :   | 038SMPL.d |

| Parameter  | Mass  | CPS1    | CPS2    | CPS3    | CPSMean | CPSRSD | Units |
|------------|-------|---------|---------|---------|---------|--------|-------|
| Molybdenum | 94-1  | 22443   | 21828   | 21710   | 21993   | 1.79   | cps   |
| Molybdenum | 95-1  | 1042    | 1058    | 1058    | 1053    | 0.91   | cps   |
| Molybdenum | 96-1  | 5151    | 4809    | 4426    | 4796    | 7.57   | cps   |
| Molybdenum | 97-1  | 483     | 600     | 667     | 583     | 15.91  | cps   |
| Molybdenum | 98-1  | 1492    | 1700    | 1408    | 1533    | 9.80   | cps   |
| Neodymium  | 150-1 | 64706   | 64766   | 64559   | 64677   | 0.16   | cps   |
| Neodymium  | 150-2 | 7889    | 7576    | 7923    | 7796    | 2.45   | cps   |
| Nickel     | 60-2  | 43779   | 44317   | 44167   | 44087   | 0.63   | cps   |
| Phosphorus | 31-2  | 267     | 267     | 217     | 250     | 11.55  | cps   |
| Potassium  | 39-2  | 18263   | 18789   | 18479   | 18510   | 1.43   | cps   |
| Rhodium    | 103-1 | 4610903 | 4564808 | 4494492 | 4556735 | 1.29   | cps   |
| Rhodium    | 103-2 | 1079837 | 1083140 | 1105991 | 1089656 | 1.31   | cps   |
| Scandium   | 45-1  | 2551406 | 2543355 | 2537798 | 2544186 | 0.27   | cps   |
| Scandium   | 45-2  | 16750   | 16623   | 16783   | 16719   | 0.51   | cps   |
| Selenium   | 77-2  | 37      | 27      | 67      | 43      | 48.03  | cps   |
| Selenium   | 78-2  | 30      | 37      | 52      | 40      | 28.64  | cps   |
| Selenium   | 82-1  | 1896    | 1794    | 1781    | 1824    | 3.46   | cps   |
| Silicon    | 28-1  | 6050695 | 7137677 | 6002414 | 6396928 | 10.04  | cps   |
| Silver     | 109-1 | 69923   | 72052   | 69488   | 70488   | 1.95   | cps   |
| Silver     | 107-1 | 74246   | 73417   | 73500   | 73721   | 0.62   | cps   |
| Sodium     | 23-2  | 20340   | 20190   | 19748   | 20093   | 1.53   | cps   |
| Strontium  | 86-1  | 193334  | 186936  | 187867  | 189379  | 1.83   | cps   |
| Strontium  | 88-1  | 1703163 | 1686520 | 1675380 | 1688354 | 0.83   | cps   |
| Sulfur     | 34-1  | 274100  | 274016  | 274550  | 274222  | 0.10   | cps   |
| Terbium    | 159-1 | 6889259 | 6849778 | 6875128 | 6871388 | 0.29   | cps   |
| Terbium    | 159-2 | 1171208 | 1166486 | 1197570 | 1178421 | 1.42   | cps   |
| Thallium   | 203-1 | 68275   | 68167   | 69365   | 68602   | 0.97   | cps   |
| Thallium   | 205-1 | 165103  | 162158  | 161406  | 162889  | 1.20   | cps   |
| Tin        | 118-1 | 5318    | 4801    | 4718    | 4946    | 6.57   | cps   |
| Titanium   | 47-1  | 96888   | 90746   | 119320  | 102318  | 14.70  | cps   |
| Uranium    | 238-1 | 32652   | 32201   | 32661   | 32505   | 0.81   | cps   |
| Vanadium   | 51-2  | 48661   | 48246   | 50143   | 49017   | 2.03   | cps   |
| Yttrium    | 89-1  | 5571687 | 5550841 | 5526461 | 5549663 | 0.41   | cps   |
| Yttrium    | 89-2  | 141252  | 139668  | 144546  | 141822  | 1.75   | cps   |
| Zinc       | 66-2  | 18286   | 18135   | 18710   | 18377   | 1.62   | cps   |
| Zirconium  | 90-1  | 58988   | 59403   | 60468   | 59619   | 1.28   | cps   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB92809             | Operator :        | Jaswal    |
| Lab Sample ID :         | J1225-16            | Instrumnet Name : | P8        |
| Client Sample ID :      | MF6A76S             | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2018-01-22 15:46:47 | DataFile Name :   | 038SMPL.d |

| Parameter | Mass | CPS1  | CPS2  | CPS3  | CPSMean | CPSRSD | Units |
|-----------|------|-------|-------|-------|---------|--------|-------|
| Zirconium | 91-1 | 14018 | 13875 | 13659 | 13851   | 1.30   | cps   |



|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB92809             | Operator :        | Jaswal    |
| Lab Sample ID :         | J1225-17            | Instrumnet Name : | P8        |
| Client Sample ID :      | MF6A77              | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2018-01-22 15:49:57 | DataFile Name :   | 039SMPL.d |

| Parameter  | Mass  | CPS1    | CPS2    | CPS3    | CPSMean | CPSRSD | Units |
|------------|-------|---------|---------|---------|---------|--------|-------|
| Aluminium  | 27-2  | 24989   | 25173   | 25098   | 25087   | 0.37   | cps   |
| Antimony   | 121-1 | 2117    | 2025    | 2442    | 2195    | 9.98   | cps   |
| Arsenic    | 75-2  | 311     | 320     | 319     | 317     | 1.55   | cps   |
| Barium     | 135-1 | 451707  | 445692  | 443890  | 447096  | 0.92   | cps   |
| Barium     | 137-1 | 786789  | 783701  | 780453  | 783648  | 0.40   | cps   |
| Beryllium  | 9-1   | 650     | 550     | 556     | 585     | 9.60   | cps   |
| Bismuth    | 209-1 | 4781216 | 4807717 | 4765300 | 4784744 | 0.45   | cps   |
| Bismuth    | 209-2 | 1030913 | 1030768 | 1032149 | 1031277 | 0.07   | cps   |
| Boron      | 10-1  | 358     | 458     | 492     | 436     | 15.91  | cps   |
| Boron      | 11-1  | 2450    | 2467    | 2250    | 2389    | 5.05   | cps   |
| Cadmium    | 111-1 | 1073    | 1106    | 1284    | 1154    | 9.85   | cps   |
| Cadmium    | 106-1 | 1217    | 1167    | 1450    | 1278    | 11.84  | cps   |
| Cadmium    | 108-1 | 83      | 63      | 92      | 79      | 18.98  | cps   |
| Calcium    | 43-1  | 471688  | 473141  | 468170  | 471000  | 0.54   | cps   |
| Calcium    | 44-1  | 7739144 | 7767475 | 7688216 | 7731612 | 0.52   | cps   |
| Chromium   | 52-2  | 6725    | 6502    | 6852    | 6693    | 2.65   | cps   |
| Cobalt     | 59-2  | 8706    | 8623    | 8326    | 8552    | 2.34   | cps   |
| Copper     | 63-2  | 12456   | 12169   | 12819   | 12481   | 2.61   | cps   |
| Dysprosium | 156-1 | 31472   | 31823   | 32733   | 32009   | 2.03   | cps   |
| Dysprosium | 156-2 | 6235    | 5961    | 6025    | 6074    | 2.36   | cps   |
| Erbium     | 164-1 | 26010   | 26119   | 26002   | 26044   | 0.25   | cps   |
| Erbium     | 164-2 | 4558    | 4434    | 4498    | 4496    | 1.37   | cps   |
| Gadolinium | 160-1 | 30269   | 30320   | 30687   | 30425   | 0.75   | cps   |
| Gadolinium | 160-2 | 7802    | 7275    | 7319    | 7466    | 3.92   | cps   |
| Holmium    | 165-1 | 6880767 | 6950059 | 6826785 | 6885870 | 0.90   | cps   |
| Holmium    | 165-2 | 1264934 | 1257012 | 1258312 | 1260086 | 0.34   | cps   |
| Indium     | 115-1 | 5224626 | 5234561 | 5255580 | 5238256 | 0.30   | cps   |
| Indium     | 115-2 | 188220  | 187595  | 188360  | 188058  | 0.22   | cps   |
| Iron       | 56-2  | 4677523 | 4650832 | 4649149 | 4659168 | 0.34   | cps   |
| Iron       | 57-2  | 116321  | 115603  | 114836  | 115587  | 0.64   | cps   |
| Lead       | 206-1 | 70741   | 71518   | 72054   | 71437   | 0.92   | cps   |
| Lead       | 207-1 | 57988   | 57575   | 58010   | 57858   | 0.42   | cps   |
| Lead       | 208-1 | 272472  | 272483  | 275568  | 273508  | 0.65   | cps   |
| Lithium    | 6-1   | 801221  | 805692  | 809716  | 805543  | 0.53   | cps   |
| Magnesium  | 24-2  | 220093  | 216262  | 218978  | 218445  | 0.90   | cps   |
| Manganese  | 55-2  | 41365   | 40318   | 40495   | 40726   | 1.38   | cps   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB92809             | Operator :        | Jaswal    |
| Lab Sample ID :         | J1225-17            | Instrumnet Name : | P8        |
| Client Sample ID :      | MF6A77              | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2018-01-22 15:49:57 | DataFile Name :   | 039SMPL.d |

| Parameter  | Mass  | CPS1    | CPS2    | CPS3    | CPSMean | CPSRSD | Units |
|------------|-------|---------|---------|---------|---------|--------|-------|
| Molybdenum | 94-1  | 32429   | 24231   | 23580   | 26747   | 18.44  | cps   |
| Molybdenum | 95-1  | 650     | 608     | 725     | 661     | 8.94   | cps   |
| Molybdenum | 96-1  | 4851    | 4893    | 5235    | 4993    | 4.21   | cps   |
| Molybdenum | 97-1  | 517     | 508     | 450     | 492     | 7.39   | cps   |
| Molybdenum | 98-1  | 1050    | 1083    | 1083    | 1072    | 1.79   | cps   |
| Neodymium  | 150-1 | 50130   | 50786   | 49975   | 50297   | 0.86   | cps   |
| Neodymium  | 150-2 | 6232    | 5951    | 5808    | 5997    | 3.59   | cps   |
| Nickel     | 60-2  | 7025    | 7309    | 7405    | 7246    | 2.73   | cps   |
| Phosphorus | 31-2  | 225     | 225     | 283     | 244     | 13.78  | cps   |
| Potassium  | 39-2  | 15985   | 15860   | 16077   | 15974   | 0.68   | cps   |
| Rhodium    | 103-1 | 4773328 | 4712815 | 4721555 | 4735899 | 0.69   | cps   |
| Rhodium    | 103-2 | 1111473 | 1107749 | 1117664 | 1112295 | 0.45   | cps   |
| Scandium   | 45-1  | 2601853 | 2586030 | 2525080 | 2570988 | 1.58   | cps   |
| Scandium   | 45-2  | 16717   | 16800   | 16620   | 16712   | 0.54   | cps   |
| Selenium   | 77-2  | 7       | 27      | 37      | 23      | 65.46  | cps   |
| Selenium   | 78-2  | 9       | 13      | 6       | 9       | 39.96  | cps   |
| Selenium   | 82-1  | 37      | 69      | 80      | 62      | 36.33  | cps   |
| Silicon    | 28-1  | 5191765 | 4886322 | 5595854 | 5224647 | 6.81   | cps   |
| Silver     | 109-1 | 600     | 525     | 500     | 542     | 9.61   | cps   |
| Silver     | 107-1 | 592     | 592     | 733     | 639     | 12.80  | cps   |
| Sodium     | 23-2  | 15801   | 16569   | 16644   | 16338   | 2.85   | cps   |
| Strontium  | 86-1  | 123690  | 123083  | 122058  | 122944  | 0.67   | cps   |
| Strontium  | 88-1  | 1067591 | 1061836 | 1068794 | 1066074 | 0.35   | cps   |
| Sulfur     | 34-1  | 278094  | 277361  | 280394  | 278616  | 0.57   | cps   |
| Terbium    | 159-1 | 7052173 | 7056224 | 7088730 | 7065709 | 0.28   | cps   |
| Terbium    | 159-2 | 1206099 | 1201781 | 1201571 | 1203150 | 0.21   | cps   |
| Thallium   | 203-1 | 1767    | 1742    | 1809    | 1772    | 1.90   | cps   |
| Thallium   | 205-1 | 4134    | 4518    | 4234    | 4295    | 4.63   | cps   |
| Tin        | 118-1 | 3442    | 3142    | 3309    | 3298    | 4.56   | cps   |
| Titanium   | 47-1  | 115832  | 109438  | 110475  | 111915  | 3.07   | cps   |
| Uranium    | 238-1 | 29569   | 28943   | 28743   | 29085   | 1.48   | cps   |
| Vanadium   | 51-2  | 7399    | 7892    | 7345    | 7545    | 4.00   | cps   |
| Yttrium    | 89-1  | 5585270 | 5553220 | 5604852 | 5581114 | 0.47   | cps   |
| Yttrium    | 89-2  | 142305  | 142811  | 141958  | 142358  | 0.30   | cps   |
| Zinc       | 66-2  | 4327    | 4381    | 4494    | 4401    | 1.93   | cps   |
| Zirconium  | 90-1  | 66107   | 64968   | 65946   | 65673   | 0.94   | cps   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB92809             | Operator :        | Jaswal    |
| Lab Sample ID :         | J1225-17            | Instrumnet Name : | P8        |
| Client Sample ID :      | MF6A77              | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2018-01-22 15:49:57 | DataFile Name :   | 039SMPL.d |

| Parameter | Mass | CPS1  | CPS2  | CPS3  | CPSMean | CPSRSD | Units |
|-----------|------|-------|-------|-------|---------|--------|-------|
| Zirconium | 91-1 | 14542 | 14500 | 14500 | 14514   | 0.17   | cps   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB92809             | Operator :        | Jaswal    |
| Lab Sample ID :         | J1225-18            | Instrumnet Name : | P8        |
| Client Sample ID :      | MF6A79              | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2018-01-22 15:53:09 | DataFile Name :   | 040SMPL.d |

| Parameter  | Mass  | CPS1      | CPS2      | CPS3      | CPSMean   | CPSRSD | Units |
|------------|-------|-----------|-----------|-----------|-----------|--------|-------|
| Aluminium  | 27-2  | 23253     | 24580     | 23829     | 23888     | 2.79   | cps   |
| Antimony   | 121-1 | 12848     | 13115     | 12865     | 12943     | 1.16   | cps   |
| Arsenic    | 75-2  | 1057      | 1120      | 967       | 1048      | 7.37   | cps   |
| Barium     | 135-1 | 731477    | 733157    | 727014    | 730550    | 0.43   | cps   |
| Barium     | 137-1 | 1270908   | 1278345   | 1269410   | 1272888   | 0.38   | cps   |
| Beryllium  | 9-1   | 667       | 656       | 544       | 622       | 10.86  | cps   |
| Bismuth    | 209-1 | 4860323   | 4519557   | 4799143   | 4726341   | 3.84   | cps   |
| Bismuth    | 209-2 | 1046259   | 1053413   | 1049573   | 1049748   | 0.34   | cps   |
| Boron      | 10-1  | 433       | 500       | 492       | 475       | 7.65   | cps   |
| Boron      | 11-1  | 1975      | 1942      | 2017      | 1978      | 1.90   | cps   |
| Cadmium    | 111-1 | 4135      | 4312      | 4288      | 4245      | 2.26   | cps   |
| Cadmium    | 106-1 | 1283      | 1275      | 1392      | 1317      | 4.94   | cps   |
| Cadmium    | 108-1 | 300       | 271       | 279       | 283       | 5.30   | cps   |
| Calcium    | 43-1  | 213422    | 214373    | 211900    | 213232    | 0.59   | cps   |
| Calcium    | 44-1  | 3521459   | 3525730   | 3500182   | 3515791   | 0.39   | cps   |
| Chromium   | 52-2  | 34078     | 34145     | 34162     | 34128     | 0.13   | cps   |
| Cobalt     | 59-2  | 8950      | 8706      | 8426      | 8694      | 3.01   | cps   |
| Copper     | 63-2  | 114540    | 113642    | 113549    | 113911    | 0.48   | cps   |
| Dysprosium | 156-1 | 30002     | 30227     | 29568     | 29933     | 1.12   | cps   |
| Dysprosium | 156-2 | 5418      | 5171      | 5521      | 5370      | 3.35   | cps   |
| Erbium     | 164-1 | 22211     | 26159     | 22704     | 23692     | 9.08   | cps   |
| Erbium     | 164-2 | 4007      | 3897      | 3861      | 3922      | 1.95   | cps   |
| Gadolinium | 160-1 | 27613     | 27112     | 25760     | 26828     | 3.57   | cps   |
| Gadolinium | 160-2 | 6538      | 6845      | 6795      | 6726      | 2.45   | cps   |
| Holmium    | 165-1 | 6937143   | 6409625   | 6917710   | 6754826   | 4.43   | cps   |
| Holmium    | 165-2 | 1270939   | 1271901   | 1269766   | 1270869   | 0.08   | cps   |
| Indium     | 115-1 | 5301112   | 4860310   | 5274064   | 5145162   | 4.80   | cps   |
| Indium     | 115-2 | 192055    | 192006    | 190978    | 191679    | 0.32   | cps   |
| Iron       | 56-2  | 5514263   | 5488774   | 5538550   | 5513862   | 0.45   | cps   |
| Iron       | 57-2  | 137504    | 138145    | 136718    | 137456    | 0.52   | cps   |
| Lead       | 206-1 | 30108308  | 29911274  | 29712759  | 29910780  | 0.66   | cps   |
| Lead       | 207-1 | 25575198  | 25704855  | 25487438  | 25589164  | 0.43   | cps   |
| Lead       | 208-1 | 118921780 | 119338880 | 118101046 | 118787236 | 0.53   | cps   |
| Lithium    | 6-1   | 807519    | 761680    | 808940    | 792713    | 3.39   | cps   |
| Magnesium  | 24-2  | 23303     | 24664     | 24163     | 24043     | 2.86   | cps   |
| Manganese  | 55-2  | 24154     | 23764     | 23553     | 23824     | 1.28   | cps   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB92809             | Operator :        | Jaswal    |
| Lab Sample ID :         | J1225-18            | Instrumnet Name : | P8        |
| Client Sample ID :      | MF6A79              | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2018-01-22 15:53:09 | DataFile Name :   | 040SMPL.d |

| Parameter  | Mass  | CPS1    | CPS2    | CPS3    | CPSMean | CPSRSD | Units |
|------------|-------|---------|---------|---------|---------|--------|-------|
| Molybdenum | 94-1  | 13658   | 13382   | 13482   | 13508   | 1.03   | cps   |
| Molybdenum | 95-1  | 2392    | 2242    | 2459    | 2364    | 4.69   | cps   |
| Molybdenum | 96-1  | 4676    | 4718    | 4809    | 4734    | 1.44   | cps   |
| Molybdenum | 97-1  | 1433    | 1675    | 1692    | 1600    | 9.04   | cps   |
| Molybdenum | 98-1  | 4067    | 4176    | 3884    | 4042    | 3.65   | cps   |
| Neodymium  | 150-1 | 48450   | 48905   | 49126   | 48827   | 0.71   | cps   |
| Neodymium  | 150-2 | 5758    | 5865    | 5945    | 5856    | 1.60   | cps   |
| Nickel     | 60-2  | 4257    | 4134    | 4127    | 4173    | 1.76   | cps   |
| Phosphorus | 31-2  | 75      | 42      | 58      | 58      | 28.57  | cps   |
| Potassium  | 39-2  | 11081   | 9854    | 9954    | 10296   | 6.62   | cps   |
| Rhodium    | 103-1 | 4817530 | 4430008 | 4773431 | 4673656 | 4.54   | cps   |
| Rhodium    | 103-2 | 1137213 | 1136234 | 1129333 | 1134260 | 0.38   | cps   |
| Scandium   | 45-1  | 2639556 | 2434062 | 2628493 | 2567371 | 4.50   | cps   |
| Scandium   | 45-2  | 17912   | 17301   | 17071   | 17428   | 2.49   | cps   |
| Selenium   | 77-2  | 33      | 37      | 17      | 29      | 37.08  | cps   |
| Selenium   | 78-2  | 6       | 6       | 15      | 9       | 61.79  | cps   |
| Selenium   | 82-1  | 75      | 43      | 33      | 50      | 43.60  | cps   |
| Silicon    | 28-1  | 5542542 | 5154321 | 5028729 | 5241864 | 5.11   | cps   |
| Silver     | 109-1 | 2117    | 2492    | 1850    | 2153    | 14.97  | cps   |
| Silver     | 107-1 | 2459    | 2142    | 2184    | 2261    | 7.61   | cps   |
| Sodium     | 23-2  | 21542   | 21542   | 21818   | 21634   | 0.74   | cps   |
| Strontium  | 86-1  | 248529  | 249907  | 250684  | 249707  | 0.44   | cps   |
| Strontium  | 88-1  | 2210883 | 2250353 | 2204761 | 2221999 | 1.11   | cps   |
| Sulfur     | 34-1  | 439303  | 432824  | 431376  | 434501  | 0.97   | cps   |
| Terbium    | 159-1 | 7102351 | 6575055 | 7107296 | 6928234 | 4.41   | cps   |
| Terbium    | 159-2 | 1212388 | 1218848 | 1209144 | 1213460 | 0.41   | cps   |
| Thallium   | 203-1 | 1142    | 1042    | 1200    | 1128    | 7.10   | cps   |
| Thallium   | 205-1 | 2784    | 2717    | 2892    | 2798    | 3.16   | cps   |
| Tin        | 118-1 | 92317   | 92904   | 92300   | 92507   | 0.37   | cps   |
| Titanium   | 47-1  | 47244   | 51240   | 46748   | 48411   | 5.09   | cps   |
| Uranium    | 238-1 | 12907   | 12549   | 13366   | 12941   | 3.17   | cps   |
| Vanadium   | 51-2  | 9563    | 9517    | 9927    | 9669    | 2.32   | cps   |
| Yttrium    | 89-1  | 5619253 | 5198995 | 5569625 | 5462624 | 4.20   | cps   |
| Yttrium    | 89-2  | 144457  | 143299  | 142204  | 143320  | 0.79   | cps   |
| Zinc       | 66-2  | 19163   | 18573   | 18512   | 18750   | 1.92   | cps   |
| Zirconium  | 90-1  | 33017   | 32503   | 35780   | 33767   | 5.22   | cps   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB92809             | Operator :        | Jaswal    |
| Lab Sample ID :         | J1225-18            | Instrumnet Name : | P8        |
| Client Sample ID :      | MF6A79              | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2018-01-22 15:53:09 | DataFile Name :   | 040SMPL.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|-----------|------|------|------|------|---------|--------|-------|
| Zirconium | 91-1 | 8398 | 7914 | 6785 | 7699    | 10.75  | cps   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB92809             | Operator :        | Jaswal    |
| Lab Sample ID :         | J1225-19            | Instrumnet Name : | P8        |
| Client Sample ID :      | MF6A80              | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2018-01-22 15:56:17 | DataFile Name :   | 041SMPL.d |

| Parameter  | Mass  | CPS1    | CPS2    | CPS3    | CPSMean | CPSRSD | Units |
|------------|-------|---------|---------|---------|---------|--------|-------|
| Aluminium  | 27-2  | 78183   | 77764   | 74923   | 76957   | 2.30   | cps   |
| Antimony   | 121-1 | 1725    | 1834    | 1700    | 1753    | 4.04   | cps   |
| Arsenic    | 75-2  | 720     | 698     | 741     | 720     | 2.96   | cps   |
| Barium     | 135-1 | 568815  | 567458  | 567376  | 567883  | 0.14   | cps   |
| Barium     | 137-1 | 987481  | 992546  | 983415  | 987814  | 0.46   | cps   |
| Beryllium  | 9-1   | 578     | 383     | 356     | 439     | 27.59  | cps   |
| Bismuth    | 209-1 | 4855246 | 4842083 | 4857082 | 4851470 | 0.17   | cps   |
| Bismuth    | 209-2 | 1049280 | 1046600 | 994374  | 1030085 | 3.01   | cps   |
| Boron      | 10-1  | 333     | 417     | 342     | 364     | 12.61  | cps   |
| Boron      | 11-1  | 1684    | 1625    | 1642    | 1650    | 1.82   | cps   |
| Cadmium    | 111-1 | 900     | 978     | 904     | 927     | 4.69   | cps   |
| Cadmium    | 106-1 | 1050    | 1100    | 1067    | 1072    | 2.37   | cps   |
| Cadmium    | 108-1 | 79      | 67      | 67      | 71      | 10.19  | cps   |
| Calcium    | 43-1  | 168154  | 165448  | 164587  | 166063  | 1.12   | cps   |
| Calcium    | 44-1  | 2725958 | 2767365 | 2733649 | 2742324 | 0.80   | cps   |
| Chromium   | 52-2  | 21694   | 21801   | 21350   | 21615   | 1.09   | cps   |
| Cobalt     | 59-2  | 4541    | 4317    | 4531    | 4463    | 2.83   | cps   |
| Copper     | 63-2  | 38457   | 38841   | 38259   | 38519   | 0.77   | cps   |
| Dysprosium | 156-1 | 10488   | 10496   | 10672   | 10552   | 0.98   | cps   |
| Dysprosium | 156-2 | 2234    | 1854    | 2190    | 2092    | 9.94   | cps   |
| Erbium     | 164-1 | 8128    | 8303    | 8136    | 8189    | 1.21   | cps   |
| Erbium     | 164-2 | 1440    | 1480    | 1373    | 1431    | 3.77   | cps   |
| Gadolinium | 160-1 | 10146   | 10880   | 9854    | 10293   | 5.14   | cps   |
| Gadolinium | 160-2 | 2347    | 2547    | 2434    | 2442    | 4.11   | cps   |
| Holmium    | 165-1 | 6885254 | 6901917 | 6880455 | 6889209 | 0.16   | cps   |
| Holmium    | 165-2 | 1275076 | 1267031 | 1202319 | 1248142 | 3.20   | cps   |
| Indium     | 115-1 | 5358039 | 5311136 | 5302712 | 5323962 | 0.56   | cps   |
| Indium     | 115-2 | 194256  | 189668  | 182555  | 188826  | 3.12   | cps   |
| Iron       | 56-2  | 8442463 | 8415022 | 8290287 | 8382591 | 0.97   | cps   |
| Iron       | 57-2  | 207002  | 208068  | 207453  | 207508  | 0.26   | cps   |
| Lead       | 206-1 | 189652  | 189171  | 188501  | 189108  | 0.31   | cps   |
| Lead       | 207-1 | 158560  | 156452  | 157138  | 157383  | 0.68   | cps   |
| Lead       | 208-1 | 741685  | 728541  | 734695  | 734974  | 0.89   | cps   |
| Lithium    | 6-1   | 813223  | 813902  | 818852  | 815326  | 0.38   | cps   |
| Magnesium  | 24-2  | 39213   | 38119   | 38035   | 38456   | 1.71   | cps   |
| Manganese  | 55-2  | 15822   | 15702   | 15969   | 15831   | 0.84   | cps   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB92809             | Operator :        | Jaswal    |
| Lab Sample ID :         | J1225-19            | Instrumnet Name : | P8        |
| Client Sample ID :      | MF6A80              | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2018-01-22 15:56:17 | DataFile Name :   | 041SMPL.d |

| Parameter  | Mass  | CPS1    | CPS2    | CPS3    | CPSMean | CPSRSD | Units |
|------------|-------|---------|---------|---------|---------|--------|-------|
| Molybdenum | 94-1  | 19031   | 19065   | 17813   | 18636   | 3.83   | cps   |
| Molybdenum | 95-1  | 1317    | 1250    | 1292    | 1286    | 2.62   | cps   |
| Molybdenum | 96-1  | 4293    | 3976    | 4935    | 4401    | 11.10  | cps   |
| Molybdenum | 97-1  | 750     | 950     | 775     | 825     | 13.21  | cps   |
| Molybdenum | 98-1  | 2142    | 1792    | 1684    | 1872    | 12.80  | cps   |
| Neodymium  | 150-1 | 19909   | 19702   | 18881   | 19497   | 2.79   | cps   |
| Neodymium  | 150-2 | 2360    | 2390    | 2140    | 2297    | 5.94   | cps   |
| Nickel     | 60-2  | 6005    | 5788    | 6015    | 5936    | 2.16   | cps   |
| Phosphorus | 31-2  | 0       | 0       | 25      | 8       | 173.21 | cps   |
| Potassium  | 39-2  | 9537    | 9745    | 9479    | 9587    | 1.46   | cps   |
| Rhodium    | 103-1 | 4837904 | 4805192 | 4828607 | 4823901 | 0.35   | cps   |
| Rhodium    | 103-2 | 1139970 | 1135486 | 1080442 | 1118633 | 2.96   | cps   |
| Scandium   | 45-1  | 2678532 | 2689918 | 2684828 | 2684426 | 0.21   | cps   |
| Scandium   | 45-2  | 17808   | 17871   | 17161   | 17613   | 2.23   | cps   |
| Selenium   | 77-2  | 13      | 10      | 3       | 9       | 57.30  | cps   |
| Selenium   | 78-2  | 6       | 9       | 4       | 6       | 45.85  | cps   |
| Selenium   | 82-1  | -13     | -26     | 56      | 6       | 779.25 | cps   |
| Silicon    | 28-1  | 4797168 | 4947155 | 4939138 | 4894487 | 1.72   | cps   |
| Silver     | 109-1 | 950     | 933     | 800     | 895     | 9.19   | cps   |
| Silver     | 107-1 | 900     | 767     | 950     | 872     | 10.87  | cps   |
| Sodium     | 23-2  | 33816   | 33307   | 32730   | 33284   | 1.63   | cps   |
| Strontium  | 86-1  | 187205  | 186718  | 183703  | 185875  | 1.02   | cps   |
| Strontium  | 88-1  | 1659556 | 1638050 | 1636977 | 1644861 | 0.77   | cps   |
| Sulfur     | 34-1  | 385934  | 378529  | 380786  | 381750  | 0.99   | cps   |
| Terbium    | 159-1 | 7077193 | 7147915 | 7075077 | 7100062 | 0.58   | cps   |
| Terbium    | 159-2 | 1213634 | 1203275 | 1150072 | 1188994 | 2.87   | cps   |
| Thallium   | 203-1 | 1825    | 1834    | 2009    | 1889    | 5.48   | cps   |
| Thallium   | 205-1 | 4935    | 3926    | 4584    | 4482    | 11.43  | cps   |
| Tin        | 118-1 | 5276    | 5401    | 5301    | 5326    | 1.24   | cps   |
| Titanium   | 47-1  | 27149   | 15779   | 16655   | 19861   | 31.85  | cps   |
| Uranium    | 238-1 | 9304    | 9312    | 9279    | 9298    | 0.19   | cps   |
| Vanadium   | 51-2  | 33761   | 33784   | 34102   | 33882   | 0.56   | cps   |
| Yttrium    | 89-1  | 5420313 | 5388312 | 5419108 | 5409245 | 0.34   | cps   |
| Yttrium    | 89-2  | 138497  | 138463  | 132109  | 136356  | 2.70   | cps   |
| Zinc       | 66-2  | 8219    | 7902    | 8363    | 8161    | 2.89   | cps   |
| Zirconium  | 90-1  | 47869   | 46765   | 48449   | 47694   | 1.79   | cps   |



|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB92809             | Operator :        | Jaswal    |
| Lab Sample ID :         | J1225-19            | Instrumnet Name : | P8        |
| Client Sample ID :      | MF6A80              | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2018-01-22 15:56:17 | DataFile Name :   | 041SMPL.d |

| Parameter | Mass | CPS1  | CPS2  | CPS3  | CPSMean | CPSRSD | Units |
|-----------|------|-------|-------|-------|---------|--------|-------|
| Zirconium | 91-1 | 10913 | 10396 | 10663 | 10657   | 2.43   | cps   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB92809             | Operator :        | Jaswal    |
| Lab Sample ID :         | J1225-02DLX2        | Instrumnet Name : | P8        |
| Client Sample ID :      | MF6A64              | Dilution Factor : | 2         |
| Date & Time Acquired :: | 2018-01-22 15:59:27 | DataFile Name :   | 042SMPL.d |

| Parameter  | Mass  | CPS1    | CPS2    | CPS3    | CPSMean | CPSRSD | Units |
|------------|-------|---------|---------|---------|---------|--------|-------|
| Aluminium  | 27-2  | 26693   | 27753   | 26818   | 27088   | 2.14   | cps   |
| Antimony   | 121-1 | 1375    | 1475    | 1350    | 1400    | 4.73   | cps   |
| Arsenic    | 75-2  | 948     | 1089    | 1044    | 1027    | 7.00   | cps   |
| Barium     | 135-1 | 576989  | 571456  | 572670  | 573705  | 0.51   | cps   |
| Barium     | 137-1 | 1004051 | 1001760 | 992838  | 999550  | 0.59   | cps   |
| Beryllium  | 9-1   | 1583    | 1617    | 1472    | 1558    | 4.86   | cps   |
| Bismuth    | 209-1 | 4780008 | 4768088 | 4846579 | 4798225 | 0.88   | cps   |
| Bismuth    | 209-2 | 1045789 | 1041088 | 959338  | 1015405 | 4.79   | cps   |
| Boron      | 10-1  | 292     | 217     | 267     | 258     | 14.78  | cps   |
| Boron      | 11-1  | 1225    | 1292    | 1100    | 1206    | 8.07   | cps   |
| Cadmium    | 111-1 | 951     | 1134    | 973     | 1019    | 9.83   | cps   |
| Cadmium    | 106-1 | 1142    | 1283    | 1050    | 1158    | 10.15  | cps   |
| Cadmium    | 108-1 | 75      | 50      | 42      | 56      | 31.22  | cps   |
| Calcium    | 43-1  | 81160   | 82543   | 81571   | 81758   | 0.87   | cps   |
| Calcium    | 44-1  | 1361889 | 1362517 | 1353403 | 1359270 | 0.37   | cps   |
| Chromium   | 52-2  | 5585    | 5278    | 5605    | 5489    | 3.34   | cps   |
| Cobalt     | 59-2  | 19063   | 19287   | 18599   | 18983   | 1.85   | cps   |
| Copper     | 63-2  | 22165   | 21604   | 21450   | 21739   | 1.73   | cps   |
| Dysprosium | 156-1 | 71621   | 72593   | 71294   | 71836   | 0.94   | cps   |
| Dysprosium | 156-2 | 15252   | 15236   | 15256   | 15248   | 0.07   | cps   |
| Erbium     | 164-1 | 66957   | 67166   | 65382   | 66501   | 1.47   | cps   |
| Erbium     | 164-2 | 11999   | 11735   | 11585   | 11773   | 1.78   | cps   |
| Gadolinium | 160-1 | 76072   | 73608   | 72284   | 73988   | 2.60   | cps   |
| Gadolinium | 160-2 | 19068   | 18737   | 18707   | 18837   | 1.06   | cps   |
| Holmium    | 165-1 | 6854602 | 6824025 | 6829651 | 6836093 | 0.24   | cps   |
| Holmium    | 165-2 | 1270738 | 1281220 | 1175256 | 1242405 | 4.70   | cps   |
| Indium     | 115-1 | 5218368 | 5244655 | 5213208 | 5225410 | 0.32   | cps   |
| Indium     | 115-2 | 191802  | 190794  | 176204  | 186267  | 4.69   | cps   |
| Iron       | 56-2  | 7470518 | 7493267 | 7398781 | 7454189 | 0.66   | cps   |
| Iron       | 57-2  | 185507  | 183228  | 183160  | 183965  | 0.73   | cps   |
| Lead       | 206-1 | 92211   | 92015   | 91545   | 91923   | 0.37   | cps   |
| Lead       | 207-1 | 75502   | 74892   | 75401   | 75265   | 0.43   | cps   |
| Lead       | 208-1 | 355567  | 353030  | 353058  | 353885  | 0.41   | cps   |
| Lithium    | 6-1   | 804810  | 803712  | 802626  | 803716  | 0.14   | cps   |
| Magnesium  | 24-2  | 62144   | 61894   | 61401   | 61813   | 0.61   | cps   |
| Manganese  | 55-2  | 138125  | 138286  | 138097  | 138169  | 0.07   | cps   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB92809             | Operator :        | Jaswal    |
| Lab Sample ID :         | J1225-02DLX2        | Instrumnet Name : | P8        |
| Client Sample ID :      | MF6A64              | Dilution Factor : | 2         |
| Date & Time Acquired :: | 2018-01-22 15:59:27 | DataFile Name :   | 042SMPL.d |

| Parameter  | Mass  | CPS1    | CPS2    | CPS3    | CPSMean | CPSRSD | Units |
|------------|-------|---------|---------|---------|---------|--------|-------|
| Molybdenum | 94-1  | 8511    | 7727    | 7819    | 8019    | 5.34   | cps   |
| Molybdenum | 95-1  | 3567    | 3384    | 3376    | 3442    | 3.15   | cps   |
| Molybdenum | 96-1  | 5126    | 4993    | 4693    | 4937    | 4.50   | cps   |
| Molybdenum | 97-1  | 2292    | 2350    | 2400    | 2348    | 2.31   | cps   |
| Molybdenum | 98-1  | 5360    | 5576    | 5768    | 5568    | 3.67   | cps   |
| Neodymium  | 150-1 | 105755  | 105279  | 104781  | 105272  | 0.46   | cps   |
| Neodymium  | 150-2 | 12573   | 12596   | 12429   | 12533   | 0.72   | cps   |
| Nickel     | 60-2  | 11825   | 11495   | 11552   | 11624   | 1.52   | cps   |
| Phosphorus | 31-2  | 67      | 50      | 50      | 56      | 17.32  | cps   |
| Potassium  | 39-2  | 6085    | 6093    | 6093    | 6090    | 0.08   | cps   |
| Rhodium    | 103-1 | 4786245 | 4828907 | 4763678 | 4792943 | 0.69   | cps   |
| Rhodium    | 103-2 | 1137539 | 1133185 | 1046282 | 1105669 | 4.66   | cps   |
| Scandium   | 45-1  | 2621850 | 2621909 | 2628162 | 2623974 | 0.14   | cps   |
| Scandium   | 45-2  | 17688   | 17451   | 16370   | 17170   | 4.09   | cps   |
| Selenium   | 77-2  | 33      | 57      | 53      | 48      | 26.42  | cps   |
| Selenium   | 78-2  | 26      | 20      | 37      | 28      | 30.55  | cps   |
| Selenium   | 82-1  | 51      | 44      | 19      | 38      | 43.93  | cps   |
| Silicon    | 28-1  | 2115647 | 2192958 | 2094423 | 2134343 | 2.43   | cps   |
| Silver     | 109-1 | 242     | 192     | 250     | 228     | 13.85  | cps   |
| Silver     | 107-1 | 308     | 250     | 267     | 275     | 10.93  | cps   |
| Sodium     | 23-2  | 17520   | 17345   | 17770   | 17545   | 1.22   | cps   |
| Strontium  | 86-1  | 55949   | 56359   | 56200   | 56169   | 0.37   | cps   |
| Strontium  | 88-1  | 489186  | 487321  | 481472  | 485993  | 0.83   | cps   |
| Sulfur     | 34-1  | 269680  | 269923  | 267130  | 268911  | 0.58   | cps   |
| Terbium    | 159-1 | 7056479 | 7016944 | 7057744 | 7043723 | 0.33   | cps   |
| Terbium    | 159-2 | 1221285 | 1214894 | 1124609 | 1186929 | 4.56   | cps   |
| Thallium   | 203-1 | 858     | 1000    | 967     | 942     | 7.87   | cps   |
| Thallium   | 205-1 | 1892    | 2200    | 2117    | 2070    | 7.71   | cps   |
| Tin        | 118-1 | 2725    | 2600    | 2684    | 2670    | 2.38   | cps   |
| Titanium   | 47-1  | 12331   | 13841   | 13182   | 13118   | 5.77   | cps   |
| Uranium    | 238-1 | 22780   | 23231   | 24692   | 23568   | 4.24   | cps   |
| Vanadium   | 51-2  | 11758   | 11762   | 11788   | 11770   | 0.14   | cps   |
| Yttrium    | 89-1  | 6080801 | 6190482 | 6089822 | 6120368 | 0.99   | cps   |
| Yttrium    | 89-2  | 156849  | 156885  | 146202  | 153312  | 4.02   | cps   |
| Zinc       | 66-2  | 3567    | 3557    | 3527    | 3551    | 0.59   | cps   |
| Zirconium  | 90-1  | 16394   | 16210   | 16335   | 16313   | 0.58   | cps   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB92809             | Operator :        | Jaswal    |
| Lab Sample ID :         | J1225-02DLX2        | Instrumnet Name : | P8        |
| Client Sample ID :      | MF6A64              | Dilution Factor : | 2         |
| Date & Time Acquired :: | 2018-01-22 15:59:27 | DataFile Name :   | 042SMPL.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|-----------|------|------|------|------|---------|--------|-------|
| Zirconium | 91-1 | 3984 | 3809 | 3576 | 3790    | 5.41   | cps   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB92809             | Operator :        | Jaswal    |
| Lab Sample ID :         | J1225-10DLX2        | Instrumnet Name : | P8        |
| Client Sample ID :      | MF6A72              | Dilution Factor : | 2         |
| Date & Time Acquired :: | 2018-01-22 16:02:37 | DataFile Name :   | 043SMPL.d |

| Parameter  | Mass  | CPS1    | CPS2    | CPS3    | CPSMean | CPSRSD | Units |
|------------|-------|---------|---------|---------|---------|--------|-------|
| Aluminium  | 27-2  | 31879   | 31077   | 30751   | 31236   | 1.86   | cps   |
| Antimony   | 121-1 | 1200    | 1333    | 1158    | 1231    | 7.43   | cps   |
| Arsenic    | 75-2  | 444     | 452     | 509     | 469     | 7.57   | cps   |
| Barium     | 135-1 | 325395  | 323211  | 321843  | 323483  | 0.55   | cps   |
| Barium     | 137-1 | 563338  | 562850  | 557684  | 561290  | 0.56   | cps   |
| Beryllium  | 9-1   | 850     | 856     | 722     | 809     | 9.32   | cps   |
| Bismuth    | 209-1 | 4782982 | 4710672 | 4763987 | 4752547 | 0.79   | cps   |
| Bismuth    | 209-2 | 1044162 | 1043818 | 1032976 | 1040319 | 0.61   | cps   |
| Boron      | 10-1  | 383     | 433     | 367     | 394     | 8.80   | cps   |
| Boron      | 11-1  | 2117    | 2050    | 2050    | 2072    | 1.86   | cps   |
| Cadmium    | 111-1 | 896     | 1018    | 947     | 953     | 6.41   | cps   |
| Cadmium    | 106-1 | 1058    | 1175    | 1117    | 1117    | 5.22   | cps   |
| Cadmium    | 108-1 | 58      | 67      | 50      | 58      | 14.29  | cps   |
| Calcium    | 43-1  | 145050  | 146237  | 145781  | 145689  | 0.41   | cps   |
| Calcium    | 44-1  | 2418265 | 2429776 | 2433869 | 2427304 | 0.33   | cps   |
| Chromium   | 52-2  | 7909    | 7722    | 7582    | 7738    | 2.12   | cps   |
| Cobalt     | 59-2  | 11145   | 10931   | 11065   | 11047   | 0.98   | cps   |
| Copper     | 63-2  | 21857   | 22261   | 22011   | 22043   | 0.92   | cps   |
| Dysprosium | 156-1 | 50992   | 52573   | 51787   | 51784   | 1.53   | cps   |
| Dysprosium | 156-2 | 10928   | 10631   | 10454   | 10671   | 2.24   | cps   |
| Erbium     | 164-1 | 48274   | 48517   | 48768   | 48519   | 0.51   | cps   |
| Erbium     | 164-2 | 8480    | 8496    | 8790    | 8589    | 2.03   | cps   |
| Gadolinium | 160-1 | 52297   | 52557   | 51578   | 52144   | 0.97   | cps   |
| Gadolinium | 160-2 | 13037   | 13080   | 12987   | 13034   | 0.36   | cps   |
| Holmium    | 165-1 | 6882946 | 6929971 | 6827300 | 6880072 | 0.75   | cps   |
| Holmium    | 165-2 | 1285755 | 1282245 | 1271212 | 1279737 | 0.59   | cps   |
| Indium     | 115-1 | 5236624 | 5269464 | 5215215 | 5240434 | 0.52   | cps   |
| Indium     | 115-2 | 192412  | 190650  | 192934  | 191998  | 0.62   | cps   |
| Iron       | 56-2  | 4996008 | 5026132 | 4997200 | 5006447 | 0.34   | cps   |
| Iron       | 57-2  | 125644  | 124753  | 123419  | 124605  | 0.90   | cps   |
| Lead       | 206-1 | 91942   | 91131   | 90570   | 91214   | 0.76   | cps   |
| Lead       | 207-1 | 74367   | 75496   | 74311   | 74725   | 0.89   | cps   |
| Lead       | 208-1 | 353891  | 352802  | 351641  | 352778  | 0.32   | cps   |
| Lithium    | 6-1   | 801753  | 804489  | 803029  | 803090  | 0.17   | cps   |
| Magnesium  | 24-2  | 135952  | 136970  | 135835  | 136252  | 0.46   | cps   |
| Manganese  | 55-2  | 45206   | 44628   | 44842   | 44892   | 0.65   | cps   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB92809             | Operator :        | Jaswal    |
| Lab Sample ID :         | J1225-10DLX2        | Instrumnet Name : | P8        |
| Client Sample ID :      | MF6A72              | Dilution Factor : | 2         |
| Date & Time Acquired :: | 2018-01-22 16:02:37 | DataFile Name :   | 043SMPL.d |

| Parameter  | Mass  | CPS1    | CPS2    | CPS3    | CPSMean | CPSRSD | Units |
|------------|-------|---------|---------|---------|---------|--------|-------|
| Molybdenum | 94-1  | 12281   | 12581   | 12315   | 12392   | 1.33   | cps   |
| Molybdenum | 95-1  | 1033    | 1067    | 917     | 1006    | 7.83   | cps   |
| Molybdenum | 96-1  | 3251    | 3284    | 3342    | 3292    | 1.41   | cps   |
| Molybdenum | 97-1  | 758     | 658     | 608     | 675     | 11.32  | cps   |
| Molybdenum | 98-1  | 2017    | 1659    | 1700    | 1792    | 10.94  | cps   |
| Neodymium  | 150-1 | 68606   | 67533   | 68311   | 68150   | 0.81   | cps   |
| Neodymium  | 150-2 | 8236    | 8229    | 8146    | 8204    | 0.61   | cps   |
| Nickel     | 60-2  | 8339    | 8516    | 8683    | 8513    | 2.02   | cps   |
| Phosphorus | 31-2  | 167     | 192     | 133     | 164     | 17.86  | cps   |
| Potassium  | 39-2  | 16510   | 16110   | 16285   | 16302   | 1.23   | cps   |
| Rhodium    | 103-1 | 4832040 | 4795222 | 4745797 | 4791020 | 0.90   | cps   |
| Rhodium    | 103-2 | 1135924 | 1129327 | 1129852 | 1131701 | 0.32   | cps   |
| Scandium   | 45-1  | 2672924 | 2660088 | 2619008 | 2650673 | 1.06   | cps   |
| Scandium   | 45-2  | 17745   | 17461   | 17057   | 17421   | 1.98   | cps   |
| Selenium   | 77-2  | 40      | 60      | 27      | 42      | 39.73  | cps   |
| Selenium   | 78-2  | 7       | 15      | 24      | 15      | 54.10  | cps   |
| Selenium   | 82-1  | 17      | 139     | 92      | 83      | 74.36  | cps   |
| Silicon    | 28-1  | 3206151 | 3983653 | 3471998 | 3553934 | 11.12  | cps   |
| Silver     | 109-1 | 592     | 500     | 517     | 536     | 9.11   | cps   |
| Silver     | 107-1 | 667     | 533     | 567     | 589     | 11.78  | cps   |
| Sodium     | 23-2  | 14700   | 15359   | 14942   | 15000   | 2.22   | cps   |
| Strontium  | 86-1  | 76766   | 76749   | 78462   | 77326   | 1.27   | cps   |
| Strontium  | 88-1  | 673476  | 674591  | 665690  | 671252  | 0.72   | cps   |
| Sulfur     | 34-1  | 272291  | 269692  | 266604  | 269529  | 1.06   | cps   |
| Terbium    | 159-1 | 6997177 | 7114505 | 6973943 | 7028542 | 1.07   | cps   |
| Terbium    | 159-2 | 1219369 | 1220119 | 1213126 | 1217538 | 0.32   | cps   |
| Thallium   | 203-1 | 1525    | 1742    | 1308    | 1525    | 14.21  | cps   |
| Thallium   | 205-1 | 3526    | 3984    | 3667    | 3726    | 6.30   | cps   |
| Tin        | 118-1 | 3959    | 3834    | 3542    | 3779    | 5.66   | cps   |
| Titanium   | 47-1  | 28765   | 29952   | 28164   | 28960   | 3.14   | cps   |
| Uranium    | 238-1 | 31942   | 30472   | 30856   | 31090   | 2.45   | cps   |
| Vanadium   | 51-2  | 7916    | 7649    | 7699    | 7754    | 1.83   | cps   |
| Yttrium    | 89-1  | 6024420 | 6072065 | 5998224 | 6031569 | 0.62   | cps   |
| Yttrium    | 89-2  | 157027  | 155972  | 155494  | 156164  | 0.50   | cps   |
| Zinc       | 66-2  | 5041    | 5421    | 5244    | 5236    | 3.63   | cps   |
| Zirconium  | 90-1  | 31563   | 32457   | 31345   | 31788   | 1.85   | cps   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB92809             | Operator :        | Jaswal    |
| Lab Sample ID :         | J1225-10DLX2        | Instrumnet Name : | P8        |
| Client Sample ID :      | MF6A72              | Dilution Factor : | 2         |
| Date & Time Acquired :: | 2018-01-22 16:02:37 | DataFile Name :   | 043SMPL.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|-----------|------|------|------|------|---------|--------|-------|
| Zirconium | 91-1 | 7352 | 7486 | 7586 | 7475    | 1.57   | cps   |

|                         |                     |                   |          |
|-------------------------|---------------------|-------------------|----------|
| LB Number :             | LB92809             | Operator :        | Jaswal   |
| Lab Sample ID :         | CCV038              | Instrumnet Name : | P8       |
| Client Sample ID :      | CCV038              | Dilution Factor : | 1        |
| Date & Time Acquired :: | 2018-01-22 16:07:25 | DataFile Name :   | 044CCV.d |

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|------------|-------|----------|----------|----------|----------|--------|-------|
| Aluminium  | 27-2  | 182459   | 185188   | 184503   | 184050   | 0.77   | cps   |
| Antimony   | 121-1 | 3782336  | 3781213  | 3792952  | 3785500  | 0.17   | cps   |
| Arsenic    | 75-2  | 32535    | 33095    | 32815    | 32815    | 0.85   | cps   |
| Barium     | 135-1 | 4147178  | 4161382  | 4160207  | 4156256  | 0.19   | cps   |
| Barium     | 137-1 | 7217043  | 7102964  | 7180346  | 7166784  | 0.81   | cps   |
| Beryllium  | 9-1   | 388672   | 387044   | 387178   | 387631   | 0.23   | cps   |
| Bismuth    | 209-1 | 4529746  | 4482054  | 4481183  | 4497661  | 0.62   | cps   |
| Bismuth    | 209-2 | 988771   | 987765   | 992077   | 989538   | 0.23   | cps   |
| Boron      | 10-1  | 44110    | 44687    | 45423    | 44740    | 1.47   | cps   |
| Boron      | 11-1  | 205425   | 211055   | 216830   | 211103   | 2.70   | cps   |
| Cadmium    | 111-1 | 760391   | 763836   | 758306   | 760844   | 0.37   | cps   |
| Cadmium    | 106-1 | 77163    | 80975    | 78865    | 79001    | 2.42   | cps   |
| Cadmium    | 108-1 | 54451    | 54644    | 53904    | 54333    | 0.71   | cps   |
| Calcium    | 43-1  | 3542590  | 3547663  | 3561069  | 3550441  | 0.27   | cps   |
| Calcium    | 44-1  | 57302995 | 57360737 | 57512278 | 57392003 | 0.19   | cps   |
| Chromium   | 52-2  | 262875   | 262401   | 264105   | 263127   | 0.33   | cps   |
| Cobalt     | 59-2  | 573847   | 574737   | 573990   | 574191   | 0.08   | cps   |
| Copper     | 63-2  | 979998   | 981911   | 981510   | 981140   | 0.10   | cps   |
| Dysprosium | 156-1 | 75       | 142      | 125      | 114      | 30.46  | cps   |
| Dysprosium | 156-2 | 17       | 0        | 3        | 7        | 132.33 | cps   |
| Erbium     | 164-1 | 67       | 33       | 67       | 56       | 34.65  | cps   |
| Erbium     | 164-2 | 10       | 10       | 3        | 8        | 49.52  | cps   |
| Gadolinium | 160-1 | 42       | 117      | 42       | 67       | 64.95  | cps   |
| Gadolinium | 160-2 | 10       | 7        | 20       | 12       | 56.76  | cps   |
| Holmium    | 165-1 | 6766210  | 6773210  | 6806192  | 6781871  | 0.31   | cps   |
| Holmium    | 165-2 | 1265954  | 1265084  | 1264584  | 1265207  | 0.05   | cps   |
| Indium     | 115-1 | 4988684  | 4997827  | 4999401  | 4995304  | 0.12   | cps   |
| Indium     | 115-2 | 182955   | 184183   | 184026   | 183721   | 0.36   | cps   |
| Iron       | 56-2  | 43926870 | 43953157 | 43689650 | 43856559 | 0.33   | cps   |
| Iron       | 57-2  | 1083397  | 1094782  | 1092109  | 1090096  | 0.55   | cps   |
| Lead       | 206-1 | 2742753  | 2678516  | 2713429  | 2711566  | 1.19   | cps   |
| Lead       | 207-1 | 2550299  | 2516374  | 2492885  | 2519853  | 1.15   | cps   |
| Lead       | 208-1 | 11210436 | 11063574 | 11083835 | 11119282 | 0.72   | cps   |
| Lithium    | 6-1   | 766137   | 768541   | 768317   | 767665   | 0.17   | cps   |
| Magnesium  | 24-2  | 4445680  | 4499000  | 4461401  | 4468694  | 0.61   | cps   |
| Manganese  | 55-2  | 147860   | 150494   | 147862   | 148739   | 1.02   | cps   |



|                         |                     |                   |          |
|-------------------------|---------------------|-------------------|----------|
| LB Number :             | LB92809             | Operator :        | Jaswal   |
| Lab Sample ID :         | CCV038              | Instrumnet Name : | P8       |
| Client Sample ID :      | CCV038              | Dilution Factor : | 1        |
| Date & Time Acquired :: | 2018-01-22 16:07:25 | DataFile Name :   | 044CCV.d |

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|------------|-------|----------|----------|----------|----------|--------|-------|
| Molybdenum | 94-1  | 6287213  | 6343655  | 6307687  | 6312852  | 0.45   | cps   |
| Molybdenum | 95-1  | 7687286  | 7641885  | 7663968  | 7664379  | 0.30   | cps   |
| Molybdenum | 96-1  | 8571001  | 8580216  | 8554175  | 8568464  | 0.15   | cps   |
| Molybdenum | 97-1  | 4902399  | 4915885  | 4890557  | 4902947  | 0.26   | cps   |
| Molybdenum | 98-1  | 12454427 | 12433024 | 12399757 | 12429069 | 0.22   | cps   |
| Neodymium  | 150-1 | 267      | 213      | 253      | 244      | 11.36  | cps   |
| Neodymium  | 150-2 | 10       | 13       | 17       | 13       | 25.01  | cps   |
| Nickel     | 60-2  | 163972   | 166305   | 165267   | 165182   | 0.71   | cps   |
| Phosphorus | 31-2  | 2492     | 2292     | 2492     | 2425     | 4.76   | cps   |
| Potassium  | 39-2  | 1228483  | 1245968  | 1223578  | 1232677  | 0.95   | cps   |
| Rhodium    | 103-1 | 4450786  | 4454912  | 4442605  | 4449434  | 0.14   | cps   |
| Rhodium    | 103-2 | 1066011  | 1065677  | 1064485  | 1065391  | 0.08   | cps   |
| Scandium   | 45-1  | 2575968  | 2584639  | 2615444  | 2592017  | 0.80   | cps   |
| Scandium   | 45-2  | 17361    | 17705    | 17785    | 17617    | 1.28   | cps   |
| Selenium   | 77-2  | 173      | 243      | 237      | 218      | 17.74  | cps   |
| Selenium   | 78-2  | 724      | 772      | 733      | 743      | 3.44   | cps   |
| Selenium   | 82-1  | 45199    | 45380    | 45299    | 45293    | 0.20   | cps   |
| Silicon    | 28-1  | 1749438  | 1763294  | 1796177  | 1769636  | 1.36   | cps   |
| Silver     | 109-1 | 3623277  | 3643296  | 3620856  | 3629143  | 0.34   | cps   |
| Silver     | 107-1 | 3789158  | 3813352  | 3760525  | 3787678  | 0.70   | cps   |
| Sodium     | 23-2  | 10447823 | 10440804 | 10402422 | 10430350 | 0.23   | cps   |
| Strontium  | 86-1  | 990120   | 989072   | 984006   | 987733   | 0.33   | cps   |
| Strontium  | 88-1  | 8650777  | 8734990  | 8668836  | 8684868  | 0.51   | cps   |
| Sulfur     | 34-1  | 480167   | 481484   | 480581   | 480744   | 0.14   | cps   |
| Terbium    | 159-1 | 6939810  | 6887462  | 6897373  | 6908215  | 0.40   | cps   |
| Terbium    | 159-2 | 1201451  | 1202063  | 1215202  | 1206238  | 0.64   | cps   |
| Thallium   | 203-1 | 3365608  | 3340061  | 3309666  | 3338445  | 0.84   | cps   |
| Thallium   | 205-1 | 7916990  | 7840725  | 7796966  | 7851560  | 0.77   | cps   |
| Tin        | 118-1 | 2646363  | 2664286  | 2635426  | 2648692  | 0.55   | cps   |
| Titanium   | 47-1  | 1804218  | 1806158  | 1827906  | 1812761  | 0.73   | cps   |
| Uranium    | 238-1 | 11531490 | 11356479 | 11449215 | 11445728 | 0.76   | cps   |
| Vanadium   | 51-2  | 196686   | 198589   | 197471   | 197582   | 0.48   | cps   |
| Yttrium    | 89-1  | 5210011  | 5227294  | 5235141  | 5224149  | 0.25   | cps   |
| Yttrium    | 89-2  | 136177   | 134454   | 134902   | 135178   | 0.66   | cps   |
| Zinc       | 66-2  | 86293    | 87014    | 86541    | 86616    | 0.42   | cps   |
| Zirconium  | 90-1  | 5307186  | 5309596  | 5318852  | 5311878  | 0.12   | cps   |

|                         |                     |                   |          |
|-------------------------|---------------------|-------------------|----------|
| LB Number :             | LB92809             | Operator :        | Jaswal   |
| Lab Sample ID :         | CCV038              | Instrumnet Name : | P8       |
| Client Sample ID :      | CCV038              | Dilution Factor : | 1        |
| Date & Time Acquired :: | 2018-01-22 16:07:25 | DataFile Name :   | 044CCV.d |

| Parameter | Mass | CPS1    | CPS2    | CPS3    | CPSMean | CPSRSD | Units |
|-----------|------|---------|---------|---------|---------|--------|-------|
| Zirconium | 91-1 | 1161961 | 1153408 | 1152436 | 1155935 | 0.45   | cps   |

LB Number : LB92809 Operator : Jaswal  
 Lab Sample ID : CCB038 Instrumnet Name : P8  
 Client Sample ID : CCB038 Dilution Factor : 1  
 Date & Time Acquired :: 2018-01-22 16:11:35 DataFile Name : 045CCBE.d

| Parameter  | Mass  | CPS1    | CPS2    | CPS3    | CPSMean | CPSRSD | Units |
|------------|-------|---------|---------|---------|---------|--------|-------|
| Aluminium  | 27-2  | 0       | 0       | 8       | 3       | 173.21 | cps   |
| Antimony   | 121-1 | 2584    | 2359    | 2475    | 2473    | 4.55   | cps   |
| Arsenic    | 75-2  | 2       | 2       | 2       | 2       | 0.00   | cps   |
| Barium     | 135-1 | 25      | 50      | 58      | 44      | 39.04  | cps   |
| Barium     | 137-1 | 175     | 125     | 58      | 119     | 49.00  | cps   |
| Beryllium  | 9-1   | 144     | 283     | 228     | 219     | 31.99  | cps   |
| Bismuth    | 209-1 | 4756470 | 4384684 | 4765718 | 4635624 | 4.69   | cps   |
| Bismuth    | 209-2 | 1052681 | 1047282 | 1035979 | 1045314 | 0.82   | cps   |
| Boron      | 10-1  | 975     | 1100    | 775     | 950     | 17.26  | cps   |
| Boron      | 11-1  | 4501    | 4259    | 4101    | 4287    | 4.70   | cps   |
| Cadmium    | 111-1 | 751     | 637     | 625     | 671     | 10.42  | cps   |
| Cadmium    | 106-1 | 1000    | 858     | 833     | 897     | 10.02  | cps   |
| Cadmium    | 108-1 | 4       | 8       | 13      | 8       | 49.98  | cps   |
| Calcium    | 43-1  | 708     | 533     | 642     | 628     | 14.07  | cps   |
| Calcium    | 44-1  | 11764   | 11297   | 11555   | 11539   | 2.03   | cps   |
| Chromium   | 52-2  | 180     | 157     | 140     | 159     | 12.65  | cps   |
| Cobalt     | 59-2  | 27      | 67      | 47      | 47      | 42.85  | cps   |
| Copper     | 63-2  | 127     | 180     | 110     | 139     | 26.33  | cps   |
| Dysprosium | 156-1 | 17      | 0       | 0       | 6       | 173.21 | cps   |
| Dysprosium | 156-2 | 3       | 0       | 3       | 2       | 86.60  | cps   |
| Erbium     | 164-1 | 17      | 25      | 25      | 22      | 21.64  | cps   |
| Erbium     | 164-2 | 3       | 3       | 3       | 3       | 0.00   | cps   |
| Gadolinium | 160-1 | 50      | 42      | 17      | 36      | 48.03  | cps   |
| Gadolinium | 160-2 | 3       | 0       | 3       | 2       | 86.60  | cps   |
| Holmium    | 165-1 | 6696381 | 6250180 | 6719529 | 6555363 | 4.04   | cps   |
| Holmium    | 165-2 | 1271890 | 1260144 | 1257380 | 1263138 | 0.61   | cps   |
| Indium     | 115-1 | 5283759 | 4824802 | 5180822 | 5096461 | 4.73   | cps   |
| Indium     | 115-2 | 193663  | 192699  | 193257  | 193206  | 0.25   | cps   |
| Iron       | 56-2  | 2684    | 2484    | 2456    | 2541    | 4.89   | cps   |
| Iron       | 57-2  | 67      | 72      | 61      | 67      | 8.33   | cps   |
| Lead       | 206-1 | 750     | 689     | 783     | 741     | 6.47   | cps   |
| Lead       | 207-1 | 711     | 611     | 650     | 657     | 7.67   | cps   |
| Lead       | 208-1 | 3084    | 2678    | 2878    | 2880    | 7.04   | cps   |
| Lithium    | 6-1   | 796133  | 739640  | 794761  | 776845  | 4.15   | cps   |
| Magnesium  | 24-2  | 333     | 283     | 267     | 294     | 11.78  | cps   |
| Manganese  | 55-2  | 10      | 20      | 10      | 13      | 43.30  | cps   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB92809             | Operator :        | Jaswal    |
| Lab Sample ID :         | CCB038              | Instrumnet Name : | P8        |
| Client Sample ID :      | CCB038              | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2018-01-22 16:11:35 | DataFile Name :   | 045CCBE.d |

| Parameter  | Mass  | CPS1    | CPS2    | CPS3    | CPSMean | CPSRSD | Units |
|------------|-------|---------|---------|---------|---------|--------|-------|
| Molybdenum | 94-1  | 383     | 267     | 433     | 361     | 23.68  | cps   |
| Molybdenum | 95-1  | 275     | 267     | 383     | 308     | 21.11  | cps   |
| Molybdenum | 96-1  | 267     | 308     | 375     | 317     | 17.26  | cps   |
| Molybdenum | 97-1  | 258     | 233     | 300     | 264     | 12.76  | cps   |
| Molybdenum | 98-1  | 442     | 725     | 542     | 569     | 25.23  | cps   |
| Neodymium  | 150-1 | 7       | 13      | 7       | 9       | 43.25  | cps   |
| Neodymium  | 150-2 | 0       | 3       | 0       | 1       | 173.21 | cps   |
| Nickel     | 60-2  | 567     | 553     | 457     | 526     | 11.42  | cps   |
| Phosphorus | 31-2  | 8       | 0       | 0       | 3       | 173.21 | cps   |
| Potassium  | 39-2  | 1583    | 2059    | 1425    | 1689    | 19.52  | cps   |
| Rhodium    | 103-1 | 4779181 | 4371016 | 4735341 | 4628513 | 4.84   | cps   |
| Rhodium    | 103-2 | 1138623 | 1126375 | 1129580 | 1131526 | 0.56   | cps   |
| Scandium   | 45-1  | 2625761 | 2437498 | 2620450 | 2561236 | 4.19   | cps   |
| Scandium   | 45-2  | 17301   | 17277   | 17554   | 17378   | 0.88   | cps   |
| Selenium   | 77-2  | 0       | 3       | 0       | 1       | 173.21 | cps   |
| Selenium   | 78-2  | 4       | 2       | 2       | 2       | 43.30  | cps   |
| Selenium   | 82-1  | 58      | 32      | 20      | 37      | 51.76  | cps   |
| Silicon    | 28-1  | 287622  | 289946  | 288320  | 288629  | 0.41   | cps   |
| Silver     | 109-1 | 125     | 142     | 217     | 161     | 30.31  | cps   |
| Silver     | 107-1 | 142     | 100     | 200     | 147     | 34.12  | cps   |
| Sodium     | 23-2  | 5951    | 6343    | 6360    | 6218    | 3.72   | cps   |
| Strontium  | 86-1  | 383     | 475     | 467     | 442     | 11.48  | cps   |
| Strontium  | 88-1  | 175     | 142     | 75      | 131     | 39.00  | cps   |
| Sulfur     | 34-1  | 291211  | 287535  | 291915  | 290220  | 0.81   | cps   |
| Terbium    | 159-1 | 6930485 | 6399276 | 6909824 | 6746528 | 4.46   | cps   |
| Terbium    | 159-2 | 1203795 | 1196435 | 1195804 | 1198678 | 0.37   | cps   |
| Thallium   | 203-1 | 775     | 633     | 442     | 617     | 27.13  | cps   |
| Thallium   | 205-1 | 1759    | 1692    | 1825    | 1759    | 3.79   | cps   |
| Tin        | 118-1 | 792     | 692     | 867     | 783     | 11.21  | cps   |
| Titanium   | 47-1  | 117     | 108     | 100     | 108     | 7.69   | cps   |
| Uranium    | 238-1 | 142     | 58      | 67      | 89      | 51.63  | cps   |
| Vanadium   | 51-2  | 10      | 0       | 7       | 6       | 91.64  | cps   |
| Yttrium    | 89-1  | 5243630 | 4852865 | 5281809 | 5126101 | 4.63   | cps   |
| Yttrium    | 89-2  | 137554  | 137009  | 137928  | 137497  | 0.34   | cps   |
| Zinc       | 66-2  | 23      | 20      | 47      | 30      | 48.44  | cps   |
| Zirconium  | 90-1  | 517     | 325     | 450     | 431     | 22.60  | cps   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB92809             | Operator :        | Jaswal    |
| Lab Sample ID :         | CCB038              | Instrumnet Name : | P8        |
| Client Sample ID :      | CCB038              | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2018-01-22 16:11:35 | DataFile Name :   | 045CCBE.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|-----------|------|------|------|------|---------|--------|-------|
| Zirconium | 91-1 | 67   | 117  | 125  | 103     | 30.70  | cps   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB92809             | Operator :        | Jaswal    |
| Lab Sample ID :         | PB105855BL          | Instrumnet Name : | P8        |
| Client Sample ID :      | PBS008              | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2018-01-22 16:16:23 | DataFile Name :   | 046CCBE.d |

| Parameter  | Mass  | CPS1    | CPS2    | CPS3    | CPSMean | CPSRSD | Units |
|------------|-------|---------|---------|---------|---------|--------|-------|
| Aluminium  | 27-2  | 0       | 8       | 25      | 11      | 114.58 | cps   |
| Antimony   | 121-1 | 817     | 783     | 883     | 828     | 6.15   | cps   |
| Arsenic    | 75-2  | 2       | 6       | 6       | 4       | 49.54  | cps   |
| Barium     | 135-1 | 58      | 42      | 25      | 42      | 40.00  | cps   |
| Barium     | 137-1 | 17      | 67      | 58      | 47      | 56.72  | cps   |
| Beryllium  | 9-1   | 161     | 122     | 167     | 150     | 16.14  | cps   |
| Bismuth    | 209-1 | 4761013 | 4721128 | 4738788 | 4740310 | 0.42   | cps   |
| Bismuth    | 209-2 | 1042054 | 1046704 | 1002745 | 1030501 | 2.34   | cps   |
| Boron      | 10-1  | 525     | 417     | 500     | 481     | 11.80  | cps   |
| Boron      | 11-1  | 2159    | 1900    | 2309    | 2122    | 9.73   | cps   |
| Cadmium    | 111-1 | 838     | 631     | 668     | 712     | 15.46  | cps   |
| Cadmium    | 106-1 | 1167    | 883     | 925     | 992     | 15.43  | cps   |
| Cadmium    | 108-1 | 0       | 0       | 0       | 0       | 0.00   | cps   |
| Calcium    | 43-1  | 558     | 467     | 508     | 511     | 8.98   | cps   |
| Calcium    | 44-1  | 10888   | 11038   | 10946   | 10958   | 0.69   | cps   |
| Chromium   | 52-2  | 143     | 170     | 177     | 163     | 10.80  | cps   |
| Cobalt     | 59-2  | 23      | 33      | 57      | 38      | 45.29  | cps   |
| Copper     | 63-2  | 137     | 130     | 143     | 137     | 4.88   | cps   |
| Dysprosium | 156-1 | 8       | 8       | 33      | 17      | 86.62  | cps   |
| Dysprosium | 156-2 | 0       | 0       | 0       | 0       | 0.00   | cps   |
| Erbium     | 164-1 | 17      | 33      | 50      | 33      | 50.00  | cps   |
| Erbium     | 164-2 | 0       | 10      | 3       | 4       | 114.60 | cps   |
| Gadolinium | 160-1 | 25      | 42      | 33      | 33      | 25.01  | cps   |
| Gadolinium | 160-2 | 3       | 3       | 0       | 2       | 86.60  | cps   |
| Holmium    | 165-1 | 6727355 | 6757267 | 6740110 | 6741577 | 0.22   | cps   |
| Holmium    | 165-2 | 1267034 | 1264032 | 1211587 | 1247551 | 2.50   | cps   |
| Indium     | 115-1 | 5232182 | 5284521 | 5213896 | 5243533 | 0.70   | cps   |
| Indium     | 115-2 | 193677  | 193686  | 186655  | 191340  | 2.12   | cps   |
| Iron       | 56-2  | 2000    | 1645    | 1861    | 1835    | 9.77   | cps   |
| Iron       | 57-2  | 50      | 22      | 50      | 41      | 39.37  | cps   |
| Lead       | 206-1 | 606     | 767     | 611     | 661     | 13.83  | cps   |
| Lead       | 207-1 | 589     | 606     | 606     | 600     | 1.60   | cps   |
| Lead       | 208-1 | 2600    | 2767    | 2695    | 2687    | 3.11   | cps   |
| Lithium    | 6-1   | 797641  | 800174  | 798029  | 798615  | 0.17   | cps   |
| Magnesium  | 24-2  | 392     | 367     | 350     | 369     | 5.68   | cps   |
| Manganese  | 55-2  | 7       | 23      | 17      | 16      | 53.90  | cps   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB92809             | Operator :        | Jaswal    |
| Lab Sample ID :         | PB105855BL          | Instrumnet Name : | P8        |
| Client Sample ID :      | PBS008              | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2018-01-22 16:16:23 | DataFile Name :   | 046CCBE.d |

| Parameter  | Mass  | CPS1    | CPS2    | CPS3    | CPSMean | CPSRSD | Units |
|------------|-------|---------|---------|---------|---------|--------|-------|
| Molybdenum | 94-1  | 242     | 208     | 158     | 203     | 20.69  | cps   |
| Molybdenum | 95-1  | 117     | 125     | 158     | 133     | 16.54  | cps   |
| Molybdenum | 96-1  | 125     | 108     | 200     | 144     | 33.80  | cps   |
| Molybdenum | 97-1  | 33      | 117     | 108     | 86      | 53.29  | cps   |
| Molybdenum | 98-1  | 92      | 125     | 192     | 136     | 37.41  | cps   |
| Neodymium  | 150-1 | 13      | 7       | 0       | 7       | 99.98  | cps   |
| Neodymium  | 150-2 | 0       | 0       | 0       | 0       | 0.00   | cps   |
| Nickel     | 60-2  | 627     | 557     | 710     | 631     | 12.16  | cps   |
| Phosphorus | 31-2  | 0       | 0       | 0       | 0       | 0.00   | cps   |
| Potassium  | 39-2  | 1684    | 1675    | 1834    | 1731    | 5.15   | cps   |
| Rhodium    | 103-1 | 4763141 | 4759159 | 4726736 | 4749679 | 0.42   | cps   |
| Rhodium    | 103-2 | 1132474 | 1130196 | 1099225 | 1120632 | 1.66   | cps   |
| Scandium   | 45-1  | 2646403 | 2591307 | 2613586 | 2617099 | 1.06   | cps   |
| Scandium   | 45-2  | 17932   | 17194   | 16837   | 17321   | 3.22   | cps   |
| Selenium   | 77-2  | 0       | 0       | 0       | 0       | 0.00   | cps   |
| Selenium   | 78-2  | 2       | 2       | 2       | 2       | 0.00   | cps   |
| Selenium   | 82-1  | -13     | 14      | 56      | 19      | 183.70 | cps   |
| Silicon    | 28-1  | 286016  | 284961  | 286744  | 285907  | 0.31   | cps   |
| Silver     | 109-1 | 100     | 167     | 75      | 114     | 41.61  | cps   |
| Silver     | 107-1 | 133     | 100     | 125     | 119     | 14.53  | cps   |
| Sodium     | 23-2  | 6152    | 5651    | 6002    | 5935    | 4.33   | cps   |
| Strontium  | 86-1  | 450     | 342     | 383     | 392     | 13.95  | cps   |
| Strontium  | 88-1  | 83      | 133     | 117     | 111     | 22.91  | cps   |
| Sulfur     | 34-1  | 292586  | 290760  | 292106  | 291817  | 0.32   | cps   |
| Terbium    | 159-1 | 6863304 | 6956228 | 6835200 | 6884911 | 0.92   | cps   |
| Terbium    | 159-2 | 1211283 | 1197757 | 1157691 | 1188910 | 2.34   | cps   |
| Thallium   | 203-1 | 392     | 442     | 442     | 425     | 6.79   | cps   |
| Thallium   | 205-1 | 1075    | 1075    | 992     | 1047    | 4.59   | cps   |
| Tin        | 118-1 | 550     | 583     | 508     | 547     | 6.87   | cps   |
| Titanium   | 47-1  | 100     | 150     | 92      | 114     | 27.70  | cps   |
| Uranium    | 238-1 | 33      | 58      | 8       | 33      | 75.02  | cps   |
| Vanadium   | 51-2  | 7       | 0       | 7       | 4       | 86.60  | cps   |
| Yttrium    | 89-1  | 5295786 | 5245337 | 5211472 | 5250865 | 0.81   | cps   |
| Yttrium    | 89-2  | 139365  | 137036  | 131742  | 136048  | 2.87   | cps   |
| Zinc       | 66-2  | 27      | 20      | 23      | 23      | 14.29  | cps   |
| Zirconium  | 90-1  | 450     | 433     | 308     | 397     | 19.49  | cps   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB92809             | Operator :        | Jaswal    |
| Lab Sample ID :         | PB105855BL          | Instrumnet Name : | P8        |
| Client Sample ID :      | PBS008              | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2018-01-22 16:16:23 | DataFile Name :   | 046CCBE.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|-----------|------|------|------|------|---------|--------|-------|
| Zirconium | 91-1 | 67   | 142  | 100  | 103     | 36.56  | cps   |



|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB92809             | Operator :        | Jaswal    |
| Lab Sample ID :         | PB105855BS          | Instrumnet Name : | P8        |
| Client Sample ID :      | LCS008              | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2018-01-22 16:19:36 | DataFile Name :   | 047LCSE.d |

| Parameter  | Mass  | CPS1    | CPS2    | CPS3    | CPSMean | CPSRSD | Units |
|------------|-------|---------|---------|---------|---------|--------|-------|
| Aluminium  | 27-2  | 117     | 175     | 175     | 156     | 21.65  | cps   |
| Antimony   | 121-1 | 28974   | 29993   | 29174   | 29380   | 1.84   | cps   |
| Arsenic    | 75-2  | 133     | 137     | 124     | 131     | 5.08   | cps   |
| Barium     | 135-1 | 30762   | 30578   | 30837   | 30726   | 0.43   | cps   |
| Barium     | 137-1 | 54271   | 53735   | 52229   | 53412   | 1.98   | cps   |
| Beryllium  | 9-1   | 1761    | 1717    | 1439    | 1639    | 10.66  | cps   |
| Bismuth    | 209-1 | 4716586 | 4701843 | 4686112 | 4701513 | 0.32   | cps   |
| Bismuth    | 209-2 | 990189  | 1021387 | 1028299 | 1013292 | 2.00   | cps   |
| Boron      | 10-1  | 4201    | 4509    | 4459    | 4390    | 3.77   | cps   |
| Boron      | 11-1  | 19472   | 20716   | 21517   | 20568   | 5.01   | cps   |
| Cadmium    | 111-1 | 3721    | 3726    | 3854    | 3767    | 2.00   | cps   |
| Cadmium    | 106-1 | 1475    | 1142    | 1275    | 1297    | 12.93  | cps   |
| Cadmium    | 108-1 | 238     | 225     | 217     | 226     | 4.63   | cps   |
| Calcium    | 43-1  | 14066   | 14066   | 13916   | 14016   | 0.62   | cps   |
| Calcium    | 44-1  | 229432  | 230368  | 231031  | 230277  | 0.35   | cps   |
| Chromium   | 52-2  | 2364    | 2407    | 2357    | 2376    | 1.14   | cps   |
| Cobalt     | 59-2  | 2447    | 2420    | 2490    | 2452    | 1.44   | cps   |
| Copper     | 63-2  | 4177    | 4187    | 4314    | 4226    | 1.80   | cps   |
| Dysprosium | 156-1 | 0       | 0       | 17      | 6       | 173.21 | cps   |
| Dysprosium | 156-2 | 0       | 7       | 0       | 2       | 173.21 | cps   |
| Erbium     | 164-1 | 75      | 33      | 67      | 58      | 37.80  | cps   |
| Erbium     | 164-2 | 3       | 23      | 7       | 11      | 96.43  | cps   |
| Gadolinium | 160-1 | 17      | 58      | 17      | 31      | 78.72  | cps   |
| Gadolinium | 160-2 | 0       | 0       | 0       | 0       | 0.00   | cps   |
| Holmium    | 165-1 | 6631244 | 6680534 | 6635614 | 6649131 | 0.41   | cps   |
| Holmium    | 165-2 | 1192582 | 1242834 | 1252337 | 1229251 | 2.61   | cps   |
| Indium     | 115-1 | 5240577 | 5163664 | 5171753 | 5191998 | 0.81   | cps   |
| Indium     | 115-2 | 185093  | 192060  | 191066  | 189406  | 1.99   | cps   |
| Iron       | 56-2  | 166150  | 164092  | 162202  | 164148  | 1.20   | cps   |
| Iron       | 57-2  | 3840    | 4234    | 4434    | 4169    | 7.26   | cps   |
| Lead       | 206-1 | 10760   | 11100   | 11088   | 10983   | 1.75   | cps   |
| Lead       | 207-1 | 10327   | 10199   | 9949    | 10158   | 1.89   | cps   |
| Lead       | 208-1 | 45294   | 45344   | 44715   | 45118   | 0.77   | cps   |
| Lithium    | 6-1   | 791951  | 791437  | 784540  | 789309  | 0.52   | cps   |
| Magnesium  | 24-2  | 18563   | 17828   | 17628   | 18007   | 2.73   | cps   |
| Manganese  | 55-2  | 357     | 343     | 313     | 338     | 6.57   | cps   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB92809             | Operator :        | Jaswal    |
| Lab Sample ID :         | PB105855BS          | Instrumnet Name : | P8        |
| Client Sample ID :      | LCS008              | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2018-01-22 16:19:36 | DataFile Name :   | 047LCSE.d |

| Parameter  | Mass  | CPS1    | CPS2    | CPS3    | CPSMean | CPSRSD | Units |
|------------|-------|---------|---------|---------|---------|--------|-------|
| Molybdenum | 94-1  | 24022   | 23004   | 23680   | 23569   | 2.20   | cps   |
| Molybdenum | 95-1  | 29875   | 28823   | 28606   | 29102   | 2.33   | cps   |
| Molybdenum | 96-1  | 33091   | 32699   | 32532   | 32774   | 0.88   | cps   |
| Molybdenum | 97-1  | 17921   | 18588   | 18630   | 18380   | 2.17   | cps   |
| Molybdenum | 98-1  | 46790   | 46121   | 46957   | 46623   | 0.95   | cps   |
| Neodymium  | 150-1 | 0       | 7       | 0       | 2       | 173.21 | cps   |
| Neodymium  | 150-2 | 0       | 0       | 0       | 0       | 0.00   | cps   |
| Nickel     | 60-2  | 1377    | 1463    | 1543    | 1461    | 5.71   | cps   |
| Phosphorus | 31-2  | 8       | 0       | 8       | 6       | 86.60  | cps   |
| Potassium  | 39-2  | 10621   | 11138   | 10780   | 10846   | 2.44   | cps   |
| Rhodium    | 103-1 | 4748362 | 4722392 | 4685843 | 4718866 | 0.67   | cps   |
| Rhodium    | 103-2 | 1074016 | 1112307 | 1122364 | 1102896 | 2.31   | cps   |
| Scandium   | 45-1  | 2647294 | 2604771 | 2593148 | 2615071 | 1.09   | cps   |
| Scandium   | 45-2  | 16934   | 17097   | 17334   | 17122   | 1.18   | cps   |
| Selenium   | 77-2  | 3       | 3       | 17      | 8       | 99.04  | cps   |
| Selenium   | 78-2  | 11      | 19      | 22      | 17      | 32.73  | cps   |
| Selenium   | 82-1  | 929     | 951     | 977     | 952     | 2.57   | cps   |
| Silicon    | 28-1  | 363322  | 358865  | 361431  | 361206  | 0.62   | cps   |
| Silver     | 109-1 | 14333   | 13674   | 13916   | 13974   | 2.39   | cps   |
| Silver     | 107-1 | 14951   | 14867   | 14909   | 14909   | 0.28   | cps   |
| Sodium     | 23-2  | 47230   | 46787   | 46176   | 46731   | 1.13   | cps   |
| Strontium  | 86-1  | 4092    | 4418    | 3992    | 4168    | 5.33   | cps   |
| Strontium  | 88-1  | 32757   | 32924   | 33743   | 33141   | 1.59   | cps   |
| Sulfur     | 34-1  | 296347  | 292910  | 290841  | 293366  | 0.95   | cps   |
| Terbium    | 159-1 | 6961364 | 6820558 | 6771889 | 6851270 | 1.44   | cps   |
| Terbium    | 159-2 | 1137528 | 1179691 | 1193040 | 1170087 | 2.48   | cps   |
| Thallium   | 203-1 | 13191   | 13575   | 13733   | 13499   | 2.07   | cps   |
| Thallium   | 205-1 | 31306   | 31607   | 31632   | 31515   | 0.58   | cps   |
| Tin        | 118-1 | 49961   | 50053   | 50162   | 50059   | 0.20   | cps   |
| Titanium   | 47-1  | 6877    | 6852    | 6677    | 6802    | 1.60   | cps   |
| Uranium    | 238-1 | 42608   | 41286   | 42883   | 42259   | 2.02   | cps   |
| Vanadium   | 51-2  | 3927    | 3827    | 3717    | 3824    | 2.75   | cps   |
| Yttrium    | 89-1  | 5233493 | 5202529 | 5161270 | 5199097 | 0.70   | cps   |
| Yttrium    | 89-2  | 129319  | 136495  | 136116  | 133977  | 3.01   | cps   |
| Zinc       | 66-2  | 400     | 457     | 367     | 408     | 11.16  | cps   |
| Zirconium  | 90-1  | 21994   | 20850   | 20833   | 21226   | 3.13   | cps   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB92809             | Operator :        | Jaswal    |
| Lab Sample ID :         | PB105855BS          | Instrumnet Name : | P8        |
| Client Sample ID :      | LCS008              | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2018-01-22 16:19:36 | DataFile Name :   | 047LCSE.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|-----------|------|------|------|------|---------|--------|-------|
| Zirconium | 91-1 | 4793 | 4518 | 4651 | 4654    | 2.96   | cps   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB92809             | Operator :        | Jaswal    |
| Lab Sample ID :         | J1224-01            | Instrumnet Name : | P8        |
| Client Sample ID :      | MF6A02              | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2018-01-22 16:22:47 | DataFile Name :   | 048SMPL.d |

| Parameter  | Mass  | CPS1    | CPS2    | CPS3    | CPSMean | CPSRSD | Units |
|------------|-------|---------|---------|---------|---------|--------|-------|
| Aluminium  | 27-2  | 34978   | 34593   | 34485   | 34685   | 0.75   | cps   |
| Antimony   | 121-1 | 1842    | 1892    | 1917    | 1884    | 2.03   | cps   |
| Arsenic    | 75-2  | 498     | 517     | 517     | 511     | 2.09   | cps   |
| Barium     | 135-1 | 882488  | 888239  | 880642  | 883790  | 0.45   | cps   |
| Barium     | 137-1 | 1570854 | 1589373 | 1577023 | 1579083 | 0.60   | cps   |
| Beryllium  | 9-1   | 1156    | 961     | 1000    | 1039    | 9.90   | cps   |
| Bismuth    | 209-1 | 4762430 | 4761478 | 4701738 | 4741882 | 0.73   | cps   |
| Bismuth    | 209-2 | 1033200 | 1022919 | 1023018 | 1026379 | 0.58   | cps   |
| Boron      | 10-1  | 725     | 725     | 642     | 697     | 6.90   | cps   |
| Boron      | 11-1  | 3226    | 2642    | 2692    | 2853    | 11.33  | cps   |
| Cadmium    | 111-1 | 840     | 857     | 956     | 884     | 7.09   | cps   |
| Cadmium    | 106-1 | 875     | 925     | 1058    | 953     | 9.95   | cps   |
| Cadmium    | 108-1 | 63      | 46      | 50      | 53      | 16.44  | cps   |
| Calcium    | 43-1  | 75747   | 75545   | 75629   | 75640   | 0.13   | cps   |
| Calcium    | 44-1  | 1248066 | 1246800 | 1243195 | 1246020 | 0.20   | cps   |
| Chromium   | 52-2  | 7986    | 7919    | 7642    | 7849    | 2.32   | cps   |
| Cobalt     | 59-2  | 7425    | 7726    | 7529    | 7560    | 2.02   | cps   |
| Copper     | 63-2  | 21220   | 21350   | 22041   | 21537   | 2.05   | cps   |
| Dysprosium | 156-1 | 33661   | 32700   | 33603   | 33321   | 1.62   | cps   |
| Dysprosium | 156-2 | 6165    | 6062    | 6382    | 6203    | 2.63   | cps   |
| Erbium     | 164-1 | 25977   | 25092   | 25117   | 25395   | 1.98   | cps   |
| Erbium     | 164-2 | 4434    | 4491    | 4391    | 4439    | 1.13   | cps   |
| Gadolinium | 160-1 | 30144   | 30528   | 30119   | 30264   | 0.76   | cps   |
| Gadolinium | 160-2 | 7129    | 7182    | 7742    | 7351    | 4.62   | cps   |
| Holmium    | 165-1 | 6780350 | 6775271 | 6714848 | 6756823 | 0.54   | cps   |
| Holmium    | 165-2 | 1247641 | 1245737 | 1247070 | 1246816 | 0.08   | cps   |
| Indium     | 115-1 | 5181618 | 5184931 | 5163665 | 5176738 | 0.22   | cps   |
| Indium     | 115-2 | 193526  | 190563  | 188729  | 190939  | 1.27   | cps   |
| Iron       | 56-2  | 5500379 | 5500004 | 5585432 | 5528605 | 0.89   | cps   |
| Iron       | 57-2  | 136377  | 137342  | 136382  | 136701  | 0.41   | cps   |
| Lead       | 206-1 | 222863  | 224937  | 221758  | 223186  | 0.72   | cps   |
| Lead       | 207-1 | 186517  | 185904  | 183981  | 185467  | 0.71   | cps   |
| Lead       | 208-1 | 868005  | 869300  | 861081  | 866128  | 0.51   | cps   |
| Lithium    | 6-1   | 791062  | 793256  | 789740  | 791352  | 0.22   | cps   |
| Magnesium  | 24-2  | 25031   | 24539   | 25065   | 24878   | 1.18   | cps   |
| Manganese  | 55-2  | 94168   | 95158   | 95513   | 94946   | 0.73   | cps   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB92809             | Operator :        | Jaswal    |
| Lab Sample ID :         | J1224-01            | Instrumnet Name : | P8        |
| Client Sample ID :      | MF6A02              | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2018-01-22 16:22:47 | DataFile Name :   | 048SMPL.d |

| Parameter  | Mass  | CPS1    | CPS2    | CPS3    | CPSMean | CPSRSD | Units |
|------------|-------|---------|---------|---------|---------|--------|-------|
| Molybdenum | 94-1  | 7628    | 7086    | 7035    | 7250    | 4.53   | cps   |
| Molybdenum | 95-1  | 2767    | 2850    | 2717    | 2778    | 2.43   | cps   |
| Molybdenum | 96-1  | 3842    | 4092    | 3476    | 3803    | 8.16   | cps   |
| Molybdenum | 97-1  | 1517    | 1767    | 1767    | 1684    | 8.57   | cps   |
| Molybdenum | 98-1  | 5018    | 4676    | 4776    | 4823    | 3.64   | cps   |
| Neodymium  | 150-1 | 54701   | 54521   | 54942   | 54721   | 0.39   | cps   |
| Neodymium  | 150-2 | 6252    | 6552    | 6388    | 6397    | 2.35   | cps   |
| Nickel     | 60-2  | 2967    | 3074    | 3130    | 3057    | 2.71   | cps   |
| Phosphorus | 31-2  | 125     | 67      | 83      | 92      | 32.78  | cps   |
| Potassium  | 39-2  | 5318    | 5701    | 5335    | 5451    | 3.98   | cps   |
| Rhodium    | 103-1 | 4822433 | 4731338 | 4786938 | 4780236 | 0.96   | cps   |
| Rhodium    | 103-2 | 1132884 | 1129157 | 1129182 | 1130407 | 0.19   | cps   |
| Scandium   | 45-1  | 2667316 | 2668233 | 2648549 | 2661366 | 0.42   | cps   |
| Scandium   | 45-2  | 17541   | 17765   | 17648   | 17651   | 0.63   | cps   |
| Selenium   | 77-2  | 20      | 37      | 30      | 29      | 29.04  | cps   |
| Selenium   | 78-2  | 15      | 11      | 9       | 12      | 24.10  | cps   |
| Selenium   | 82-1  | 208     | 105     | 154     | 156     | 33.18  | cps   |
| Silicon    | 28-1  | 4518909 | 4177333 | 4098129 | 4264790 | 5.24   | cps   |
| Silver     | 109-1 | 1450    | 1350    | 1483    | 1428    | 4.86   | cps   |
| Silver     | 107-1 | 1383    | 1375    | 1183    | 1314    | 8.61   | cps   |
| Sodium     | 23-2  | 9604    | 10780   | 10329   | 10237   | 5.80   | cps   |
| Strontium  | 86-1  | 57706   | 57020   | 57974   | 57567   | 0.85   | cps   |
| Strontium  | 88-1  | 498822  | 498908  | 504962  | 500897  | 0.70   | cps   |
| Sulfur     | 34-1  | 284858  | 278163  | 277466  | 280162  | 1.46   | cps   |
| Terbium    | 159-1 | 6991414 | 6982312 | 6941544 | 6971756 | 0.38   | cps   |
| Terbium    | 159-2 | 1196855 | 1193884 | 1191849 | 1194196 | 0.21   | cps   |
| Thallium   | 203-1 | 1592    | 1342    | 1508    | 1481    | 8.60   | cps   |
| Thallium   | 205-1 | 3742    | 3359    | 3384    | 3495    | 6.14   | cps   |
| Tin        | 118-1 | 3451    | 3626    | 3767    | 3615    | 4.39   | cps   |
| Titanium   | 47-1  | 7211    | 7269    | 9675    | 8052    | 17.47  | cps   |
| Uranium    | 238-1 | 57927   | 56579   | 57911   | 57472   | 1.35   | cps   |
| Vanadium   | 51-2  | 13450   | 13250   | 13353   | 13351   | 0.75   | cps   |
| Yttrium    | 89-1  | 5592297 | 5554444 | 5597854 | 5581532 | 0.42   | cps   |
| Yttrium    | 89-2  | 145710  | 144229  | 143669  | 144536  | 0.73   | cps   |
| Zinc       | 66-2  | 2240    | 2280    | 2380    | 2300    | 3.14   | cps   |
| Zirconium  | 90-1  | 16236   | 17072   | 14934   | 16081   | 6.70   | cps   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB92809             | Operator :        | Jaswal    |
| Lab Sample ID :         | J1224-01            | Instrumnet Name : | P8        |
| Client Sample ID :      | MF6A02              | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2018-01-22 16:22:47 | DataFile Name :   | 048SMPL.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|-----------|------|------|------|------|---------|--------|-------|
| Zirconium | 91-1 | 3351 | 3467 | 3859 | 3559    | 7.48   | cps   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB92809             | Operator :        | Jaswal    |
| Lab Sample ID :         | J1224-02            | Instrumnet Name : | P8        |
| Client Sample ID :      | MF6A03              | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2018-01-22 16:25:57 | DataFile Name :   | 049SMPL.d |

| Parameter  | Mass  | CPS1    | CPS2    | CPS3    | CPSMean | CPSRSD | Units |
|------------|-------|---------|---------|---------|---------|--------|-------|
| Aluminium  | 27-2  | 40526   | 42473   | 40969   | 41322   | 2.47   | cps   |
| Antimony   | 121-1 | 2850    | 2934    | 2767    | 2850    | 2.92   | cps   |
| Arsenic    | 75-2  | 1137    | 1178    | 1098    | 1138    | 3.50   | cps   |
| Barium     | 135-1 | 1237940 | 1237695 | 1248801 | 1241479 | 0.51   | cps   |
| Barium     | 137-1 | 2216925 | 2194056 | 2218077 | 2209686 | 0.61   | cps   |
| Beryllium  | 9-1   | 1667    | 1850    | 1611    | 1709    | 7.31   | cps   |
| Bismuth    | 209-1 | 4724254 | 4703376 | 4697219 | 4708283 | 0.30   | cps   |
| Bismuth    | 209-2 | 1014789 | 976352  | 1024009 | 1005050 | 2.52   | cps   |
| Boron      | 10-1  | 658     | 592     | 625     | 625     | 5.33   | cps   |
| Boron      | 11-1  | 2667    | 2925    | 2942    | 2845    | 5.42   | cps   |
| Cadmium    | 111-1 | 1240    | 1267    | 1233    | 1247    | 1.42   | cps   |
| Cadmium    | 106-1 | 1200    | 1108    | 1092    | 1133    | 5.15   | cps   |
| Cadmium    | 108-1 | 42      | 67      | 50      | 53      | 24.12  | cps   |
| Calcium    | 43-1  | 112549  | 111876  | 110886  | 111770  | 0.75   | cps   |
| Calcium    | 44-1  | 1884392 | 1861755 | 1898007 | 1881385 | 0.97   | cps   |
| Chromium   | 52-2  | 11155   | 11098   | 11238   | 11163   | 0.63   | cps   |
| Cobalt     | 59-2  | 35626   | 36067   | 35298   | 35663   | 1.08   | cps   |
| Copper     | 63-2  | 14631   | 15085   | 14458   | 14725   | 2.20   | cps   |
| Dysprosium | 156-1 | 42286   | 42896   | 43799   | 42994   | 1.77   | cps   |
| Dysprosium | 156-2 | 7392    | 7602    | 7739    | 7578    | 2.31   | cps   |
| Erbium     | 164-1 | 32960   | 32976   | 32417   | 32784   | 0.97   | cps   |
| Erbium     | 164-2 | 5541    | 5718    | 5658    | 5639    | 1.59   | cps   |
| Gadolinium | 160-1 | 37346   | 37363   | 38441   | 37717   | 1.66   | cps   |
| Gadolinium | 160-2 | 9353    | 9467    | 9150    | 9323    | 1.72   | cps   |
| Holmium    | 165-1 | 6768153 | 6737308 | 6774863 | 6760108 | 0.30   | cps   |
| Holmium    | 165-2 | 1238134 | 1188744 | 1249681 | 1225520 | 2.64   | cps   |
| Indium     | 115-1 | 5184185 | 5207429 | 5173846 | 5188487 | 0.33   | cps   |
| Indium     | 115-2 | 186957  | 181414  | 189962  | 186111  | 2.33   | cps   |
| Iron       | 56-2  | 9789747 | 9843869 | 9889953 | 9841190 | 0.51   | cps   |
| Iron       | 57-2  | 240032  | 243886  | 243564  | 242494  | 0.88   | cps   |
| Lead       | 206-1 | 382251  | 378920  | 382576  | 381249  | 0.53   | cps   |
| Lead       | 207-1 | 317680  | 318938  | 314606  | 317075  | 0.70   | cps   |
| Lead       | 208-1 | 1490999 | 1482159 | 1483024 | 1485394 | 0.33   | cps   |
| Lithium    | 6-1   | 793018  | 789416  | 791848  | 791427  | 0.23   | cps   |
| Magnesium  | 24-2  | 37199   | 38152   | 36849   | 37400   | 1.80   | cps   |
| Manganese  | 55-2  | 288123  | 291760  | 291603  | 290495  | 0.71   | cps   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB92809             | Operator :        | Jaswal    |
| Lab Sample ID :         | J1224-02            | Instrumnet Name : | P8        |
| Client Sample ID :      | MF6A03              | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2018-01-22 16:25:57 | DataFile Name :   | 049SMPL.d |

| Parameter  | Mass  | CPS1    | CPS2    | CPS3    | CPSMean | CPSRSD | Units |
|------------|-------|---------|---------|---------|---------|--------|-------|
| Molybdenum | 94-1  | 10054   | 9262    | 9929    | 9748    | 4.37   | cps   |
| Molybdenum | 95-1  | 2659    | 2600    | 2600    | 2620    | 1.29   | cps   |
| Molybdenum | 96-1  | 4109    | 4468    | 4493    | 4356    | 4.93   | cps   |
| Molybdenum | 97-1  | 1650    | 1884    | 1650    | 1728    | 7.80   | cps   |
| Molybdenum | 98-1  | 4459    | 4284    | 4326    | 4356    | 2.10   | cps   |
| Neodymium  | 150-1 | 64157   | 63065   | 64197   | 63806   | 1.01   | cps   |
| Neodymium  | 150-2 | 7429    | 7716    | 7472    | 7539    | 2.05   | cps   |
| Nickel     | 60-2  | 5731    | 5751    | 5801    | 5761    | 0.63   | cps   |
| Phosphorus | 31-2  | 108     | 108     | 100     | 106     | 4.56   | cps   |
| Potassium  | 39-2  | 7911    | 7511    | 7744    | 7722    | 2.60   | cps   |
| Rhodium    | 103-1 | 4759759 | 4751961 | 4708203 | 4739974 | 0.59   | cps   |
| Rhodium    | 103-2 | 1118565 | 1066545 | 1128146 | 1104419 | 3.00   | cps   |
| Scandium   | 45-1  | 2628883 | 2645046 | 2594446 | 2622792 | 0.99   | cps   |
| Scandium   | 45-2  | 17458   | 16890   | 17962   | 17437   | 3.07   | cps   |
| Selenium   | 77-2  | 37      | 30      | 27      | 31      | 16.37  | cps   |
| Selenium   | 78-2  | 17      | 24      | 13      | 18      | 31.60  | cps   |
| Selenium   | 82-1  | 116     | 149     | 128     | 131     | 12.73  | cps   |
| Silicon    | 28-1  | 4125206 | 4106722 | 4158274 | 4130067 | 0.63   | cps   |
| Silver     | 109-1 | 1150    | 1000    | 1108    | 1086    | 7.13   | cps   |
| Silver     | 107-1 | 1150    | 942     | 1092    | 1061    | 10.13  | cps   |
| Sodium     | 23-2  | 10146   | 10046   | 9787    | 9993    | 1.85   | cps   |
| Strontium  | 86-1  | 67702   | 68187   | 68816   | 68235   | 0.82   | cps   |
| Strontium  | 88-1  | 595924  | 590011  | 592719  | 592885  | 0.50   | cps   |
| Sulfur     | 34-1  | 277455  | 276256  | 274858  | 276190  | 0.47   | cps   |
| Terbium    | 159-1 | 6964916 | 6996794 | 6963469 | 6975060 | 0.27   | cps   |
| Terbium    | 159-2 | 1177034 | 1131092 | 1191859 | 1166662 | 2.72   | cps   |
| Thallium   | 203-1 | 983     | 925     | 1050    | 986     | 6.34   | cps   |
| Thallium   | 205-1 | 2667    | 2742    | 2834    | 2748    | 3.04   | cps   |
| Tin        | 118-1 | 4651    | 4643    | 4468    | 4587    | 2.26   | cps   |
| Titanium   | 47-1  | 14271   | 14753   | 13942   | 14322   | 2.85   | cps   |
| Uranium    | 238-1 | 47768   | 47885   | 48621   | 48091   | 0.96   | cps   |
| Vanadium   | 51-2  | 20836   | 20993   | 21276   | 21035   | 1.06   | cps   |
| Yttrium    | 89-1  | 5687350 | 5689029 | 5646299 | 5674226 | 0.43   | cps   |
| Yttrium    | 89-2  | 145617  | 139938  | 146684  | 144080  | 2.52   | cps   |
| Zinc       | 66-2  | 4197    | 4454    | 4421    | 4357    | 3.20   | cps   |
| Zirconium  | 90-1  | 20783   | 21209   | 24063   | 22019   | 8.10   | cps   |



|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB92809             | Operator :        | Jaswal    |
| Lab Sample ID :         | J1224-02            | Instrumnet Name : | P8        |
| Client Sample ID :      | MF6A03              | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2018-01-22 16:25:57 | DataFile Name :   | 049SMPL.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|-----------|------|------|------|------|---------|--------|-------|
| Zirconium | 91-1 | 4809 | 4751 | 4393 | 4651    | 4.85   | cps   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB92809             | Operator :        | Jaswal    |
| Lab Sample ID :         | J1224-03            | Instrumnet Name : | P8        |
| Client Sample ID :      | MF6A05              | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2018-01-22 16:29:07 | DataFile Name :   | 050SMPL.d |

| Parameter  | Mass  | CPS1    | CPS2    | CPS3    | CPSMean | CPSRSD | Units |
|------------|-------|---------|---------|---------|---------|--------|-------|
| Aluminium  | 27-2  | 40459   | 39891   | 40575   | 40308   | 0.91   | cps   |
| Antimony   | 121-1 | 1942    | 2017    | 1975    | 1978    | 1.90   | cps   |
| Arsenic    | 75-2  | 663     | 737     | 678     | 693     | 5.66   | cps   |
| Barium     | 135-1 | 1061945 | 1049280 | 1054130 | 1055118 | 0.61   | cps   |
| Barium     | 137-1 | 1900503 | 1879505 | 1904566 | 1894858 | 0.71   | cps   |
| Beryllium  | 9-1   | 844     | 978     | 800     | 874     | 10.58  | cps   |
| Bismuth    | 209-1 | 4699519 | 4721326 | 4423384 | 4614743 | 3.60   | cps   |
| Bismuth    | 209-2 | 1027877 | 1022220 | 1018059 | 1022719 | 0.48   | cps   |
| Boron      | 10-1  | 583     | 592     | 558     | 578     | 3.00   | cps   |
| Boron      | 11-1  | 2542    | 2934    | 2709    | 2728    | 7.21   | cps   |
| Cadmium    | 111-1 | 786     | 663     | 863     | 771     | 13.11  | cps   |
| Cadmium    | 106-1 | 1000    | 892     | 1025    | 972     | 7.29   | cps   |
| Cadmium    | 108-1 | 50      | 46      | 42      | 46      | 9.09   | cps   |
| Calcium    | 43-1  | 116521  | 115648  | 113674  | 115281  | 1.27   | cps   |
| Calcium    | 44-1  | 1907093 | 1931621 | 1930107 | 1922940 | 0.71   | cps   |
| Chromium   | 52-2  | 9160    | 9030    | 9146    | 9112    | 0.79   | cps   |
| Cobalt     | 59-2  | 5508    | 5608    | 5641    | 5586    | 1.24   | cps   |
| Copper     | 63-2  | 10094   | 10231   | 10084   | 10136   | 0.81   | cps   |
| Dysprosium | 156-1 | 19524   | 19640   | 19432   | 19532   | 0.53   | cps   |
| Dysprosium | 156-2 | 3664    | 3834    | 3551    | 3683    | 3.87   | cps   |
| Erbium     | 164-1 | 14350   | 15068   | 14442   | 14620   | 2.67   | cps   |
| Erbium     | 164-2 | 2404    | 2634    | 2464    | 2500    | 4.77   | cps   |
| Gadolinium | 160-1 | 18180   | 17496   | 17254   | 17643   | 2.72   | cps   |
| Gadolinium | 160-2 | 4271    | 4411    | 4124    | 4269    | 3.36   | cps   |
| Holmium    | 165-1 | 6751211 | 6710821 | 6352969 | 6605001 | 3.32   | cps   |
| Holmium    | 165-2 | 1243977 | 1245321 | 1228898 | 1239399 | 0.74   | cps   |
| Indium     | 115-1 | 5125085 | 5251997 | 4842468 | 5073183 | 4.13   | cps   |
| Indium     | 115-2 | 190591  | 191327  | 188683  | 190200  | 0.72   | cps   |
| Iron       | 56-2  | 6644758 | 6634403 | 6687112 | 6655424 | 0.42   | cps   |
| Iron       | 57-2  | 164649  | 162529  | 164550  | 163910  | 0.73   | cps   |
| Lead       | 206-1 | 663297  | 664219  | 660257  | 662591  | 0.31   | cps   |
| Lead       | 207-1 | 561846  | 561461  | 558971  | 560759  | 0.28   | cps   |
| Lead       | 208-1 | 2613466 | 2620115 | 2599999 | 2611193 | 0.39   | cps   |
| Lithium    | 6-1   | 779038  | 787788  | 744714  | 770513  | 2.95   | cps   |
| Magnesium  | 24-2  | 33315   | 34075   | 33566   | 33652   | 1.15   | cps   |
| Manganese  | 55-2  | 82166   | 82780   | 80594   | 81847   | 1.38   | cps   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB92809             | Operator :        | Jaswal    |
| Lab Sample ID :         | J1224-03            | Instrumnet Name : | P8        |
| Client Sample ID :      | MF6A05              | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2018-01-22 16:29:07 | DataFile Name :   | 050SMPL.d |

| Parameter  | Mass  | CPS1    | CPS2    | CPS3    | CPSMean | CPSRSD | Units |
|------------|-------|---------|---------|---------|---------|--------|-------|
| Molybdenum | 94-1  | 9712    | 9220    | 9671    | 9534    | 2.86   | cps   |
| Molybdenum | 95-1  | 2659    | 2509    | 2692    | 2620    | 3.73   | cps   |
| Molybdenum | 96-1  | 4501    | 4351    | 6908    | 5253    | 27.31  | cps   |
| Molybdenum | 97-1  | 1650    | 1358    | 1492    | 1500    | 9.73   | cps   |
| Molybdenum | 98-1  | 4076    | 3909    | 4109    | 4031    | 2.66   | cps   |
| Neodymium  | 150-1 | 31746   | 31425   | 31946   | 31706   | 0.83   | cps   |
| Neodymium  | 150-2 | 3681    | 3847    | 3774    | 3767    | 2.22   | cps   |
| Nickel     | 60-2  | 3037    | 2974    | 2917    | 2976    | 2.02   | cps   |
| Phosphorus | 31-2  | 117     | 133     | 158     | 136     | 15.41  | cps   |
| Potassium  | 39-2  | 8436    | 8486    | 8178    | 8367    | 1.98   | cps   |
| Rhodium    | 103-1 | 4754577 | 4716642 | 4478275 | 4649831 | 3.22   | cps   |
| Rhodium    | 103-2 | 1129060 | 1120834 | 1121906 | 1123934 | 0.40   | cps   |
| Scandium   | 45-1  | 2620119 | 2640006 | 2465869 | 2575331 | 3.70   | cps   |
| Scandium   | 45-2  | 17318   | 17748   | 17778   | 17615   | 1.46   | cps   |
| Selenium   | 77-2  | 17      | 17      | 13      | 16      | 12.40  | cps   |
| Selenium   | 78-2  | 11      | 13      | 7       | 10      | 26.93  | cps   |
| Selenium   | 82-1  | 233     | 210     | 258     | 234     | 10.07  | cps   |
| Silicon    | 28-1  | 4341891 | 4544118 | 4589930 | 4491980 | 2.94   | cps   |
| Silver     | 109-1 | 1609    | 1483    | 1392    | 1495    | 7.28   | cps   |
| Silver     | 107-1 | 1542    | 1450    | 1684    | 1559    | 7.54   | cps   |
| Sodium     | 23-2  | 9770    | 9720    | 10137   | 9876    | 2.30   | cps   |
| Strontium  | 86-1  | 89702   | 90439   | 90364   | 90169   | 0.45   | cps   |
| Strontium  | 88-1  | 788583  | 782853  | 788093  | 786510  | 0.40   | cps   |
| Sulfur     | 34-1  | 274305  | 271967  | 269846  | 272040  | 0.82   | cps   |
| Terbium    | 159-1 | 6973221 | 6950529 | 6525025 | 6816258 | 3.70   | cps   |
| Terbium    | 159-2 | 1190072 | 1184502 | 1176103 | 1183559 | 0.59   | cps   |
| Thallium   | 203-1 | 1217    | 975     | 1133    | 1108    | 11.08  | cps   |
| Thallium   | 205-1 | 2475    | 2367    | 2309    | 2384    | 3.55   | cps   |
| Tin        | 118-1 | 4718    | 4743    | 4701    | 4721    | 0.44   | cps   |
| Titanium   | 47-1  | 9646    | 29359   | 10355   | 16453   | 67.96  | cps   |
| Uranium    | 238-1 | 52269   | 51106   | 51901   | 51759   | 1.15   | cps   |
| Vanadium   | 51-2  | 13734   | 13894   | 13400   | 13676   | 1.84   | cps   |
| Yttrium    | 89-1  | 5478322 | 5432010 | 5099155 | 5336495 | 3.88   | cps   |
| Yttrium    | 89-2  | 140450  | 140621  | 139884  | 140318  | 0.27   | cps   |
| Zinc       | 66-2  | 2524    | 2507    | 2560    | 2530    | 1.08   | cps   |
| Zirconium  | 90-1  | 22462   | 21618   | 22840   | 22306   | 2.80   | cps   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB92809             | Operator :        | Jaswal    |
| Lab Sample ID :         | J1224-03            | Instrumnet Name : | P8        |
| Client Sample ID :      | MF6A05              | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2018-01-22 16:29:07 | DataFile Name :   | 050SMPL.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|-----------|------|------|------|------|---------|--------|-------|
| Zirconium | 91-1 | 5126 | 4751 | 5301 | 5059    | 5.56   | cps   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB92809             | Operator :        | Jaswal    |
| Lab Sample ID :         | J1224-04            | Instrumnet Name : | P8        |
| Client Sample ID :      | MF6A06              | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2018-01-22 16:32:17 | DataFile Name :   | 051SMPL.d |

| Parameter  | Mass  | CPS1    | CPS2    | CPS3    | CPSMean | CPSRSD | Units |
|------------|-------|---------|---------|---------|---------|--------|-------|
| Aluminium  | 27-2  | 29073   | 28229   | 28705   | 28669   | 1.47   | cps   |
| Antimony   | 121-1 | 3059    | 2609    | 2550    | 2739    | 10.16  | cps   |
| Arsenic    | 75-2  | 515     | 594     | 489     | 533     | 10.33  | cps   |
| Barium     | 135-1 | 585189  | 575729  | 581084  | 580668  | 0.82   | cps   |
| Barium     | 137-1 | 1017496 | 1011319 | 1014631 | 1014482 | 0.30   | cps   |
| Beryllium  | 9-1   | 850     | 895     | 900     | 882     | 3.11   | cps   |
| Bismuth    | 209-1 | 4731399 | 4681941 | 4704794 | 4706044 | 0.53   | cps   |
| Bismuth    | 209-2 | 1028664 | 930907  | 1028366 | 995979  | 5.66   | cps   |
| Boron      | 10-1  | 558     | 492     | 558     | 536     | 7.18   | cps   |
| Boron      | 11-1  | 2634    | 2934    | 2650    | 2739    | 6.16   | cps   |
| Cadmium    | 111-1 | 866     | 1027    | 1011    | 968     | 9.16   | cps   |
| Cadmium    | 106-1 | 1008    | 1208    | 1233    | 1150    | 10.72  | cps   |
| Cadmium    | 108-1 | 33      | 33      | 33      | 33      | 0.00   | cps   |
| Calcium    | 43-1  | 68627   | 68417   | 68116   | 68387   | 0.37   | cps   |
| Calcium    | 44-1  | 1117706 | 1112210 | 1101358 | 1110425 | 0.75   | cps   |
| Chromium   | 52-2  | 7529    | 7879    | 7779    | 7729    | 2.33   | cps   |
| Cobalt     | 59-2  | 8673    | 8196    | 8052    | 8307    | 3.91   | cps   |
| Copper     | 63-2  | 34326   | 34520   | 34369   | 34405   | 0.30   | cps   |
| Dysprosium | 156-1 | 24240   | 24090   | 22871   | 23734   | 3.16   | cps   |
| Dysprosium | 156-2 | 4257    | 4374    | 4407    | 4346    | 1.81   | cps   |
| Erbium     | 164-1 | 17346   | 17429   | 16878   | 17218   | 1.72   | cps   |
| Erbium     | 164-2 | 3237    | 3207    | 3224    | 3223    | 0.47   | cps   |
| Gadolinium | 160-1 | 20024   | 20216   | 20767   | 20336   | 1.90   | cps   |
| Gadolinium | 160-2 | 5234    | 5098    | 5174    | 5169    | 1.33   | cps   |
| Holmium    | 165-1 | 6700236 | 6740872 | 6733357 | 6724822 | 0.32   | cps   |
| Holmium    | 165-2 | 1240965 | 1125833 | 1247605 | 1204801 | 5.68   | cps   |
| Indium     | 115-1 | 5157778 | 5176495 | 5165707 | 5166660 | 0.18   | cps   |
| Indium     | 115-2 | 191250  | 170604  | 190032  | 183962  | 6.30   | cps   |
| Iron       | 56-2  | 7060864 | 6928928 | 6905977 | 6965256 | 1.20   | cps   |
| Iron       | 57-2  | 172717  | 172279  | 171379  | 172125  | 0.40   | cps   |
| Lead       | 206-1 | 222476  | 222568  | 223205  | 222749  | 0.18   | cps   |
| Lead       | 207-1 | 184183  | 186383  | 181535  | 184034  | 1.32   | cps   |
| Lead       | 208-1 | 863794  | 865812  | 858325  | 862644  | 0.45   | cps   |
| Lithium    | 6-1   | 790165  | 788184  | 786760  | 788370  | 0.22   | cps   |
| Magnesium  | 24-2  | 28738   | 29022   | 28187   | 28649   | 1.48   | cps   |
| Manganese  | 55-2  | 118352  | 117990  | 116481  | 117608  | 0.84   | cps   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB92809             | Operator :        | Jaswal    |
| Lab Sample ID :         | J1224-04            | Instrumnet Name : | P8        |
| Client Sample ID :      | MF6A06              | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2018-01-22 16:32:17 | DataFile Name :   | 051SMPL.d |

| Parameter  | Mass  | CPS1    | CPS2    | CPS3    | CPSMean | CPSRSD | Units |
|------------|-------|---------|---------|---------|---------|--------|-------|
| Molybdenum | 94-1  | 6886    | 7319    | 7078    | 7094    | 3.07   | cps   |
| Molybdenum | 95-1  | 2075    | 1825    | 2000    | 1967    | 6.52   | cps   |
| Molybdenum | 96-1  | 3326    | 3509    | 3034    | 3289    | 7.28   | cps   |
| Molybdenum | 97-1  | 1300    | 1417    | 1333    | 1350    | 4.45   | cps   |
| Molybdenum | 98-1  | 3409    | 3276    | 3434    | 3373    | 2.52   | cps   |
| Neodymium  | 150-1 | 36912   | 37207   | 35963   | 36694   | 1.77   | cps   |
| Neodymium  | 150-2 | 4254    | 4387    | 4518    | 4386    | 3.00   | cps   |
| Nickel     | 60-2  | 3440    | 3511    | 3204    | 3385    | 4.75   | cps   |
| Phosphorus | 31-2  | 117     | 92      | 58      | 89      | 32.92  | cps   |
| Potassium  | 39-2  | 6377    | 6644    | 6668    | 6563    | 2.46   | cps   |
| Rhodium    | 103-1 | 4765250 | 4730956 | 4697716 | 4731307 | 0.71   | cps   |
| Rhodium    | 103-2 | 1127934 | 1020332 | 1130981 | 1093083 | 5.77   | cps   |
| Scandium   | 45-1  | 2624514 | 2629172 | 2603091 | 2618926 | 0.53   | cps   |
| Scandium   | 45-2  | 17685   | 15792   | 17454   | 16977   | 6.08   | cps   |
| Selenium   | 77-2  | 27      | 23      | 23      | 24      | 7.89   | cps   |
| Selenium   | 78-2  | 13      | 11      | 13      | 12      | 8.65   | cps   |
| Selenium   | 82-1  | 280     | 277     | 271     | 276     | 1.67   | cps   |
| Silicon    | 28-1  | 5711840 | 5122849 | 5691238 | 5508642 | 6.07   | cps   |
| Silver     | 109-1 | 800     | 808     | 717     | 775     | 6.54   | cps   |
| Silver     | 107-1 | 767     | 708     | 933     | 803     | 14.55  | cps   |
| Sodium     | 23-2  | 10021   | 9704    | 9987    | 9904    | 1.76   | cps   |
| Strontium  | 86-1  | 58786   | 58685   | 58928   | 58800   | 0.21   | cps   |
| Strontium  | 88-1  | 532048  | 515399  | 506093  | 517847  | 2.54   | cps   |
| Sulfur     | 34-1  | 271186  | 265134  | 265703  | 267341  | 1.25   | cps   |
| Terbium    | 159-1 | 6966936 | 6975921 | 6863272 | 6935376 | 0.90   | cps   |
| Terbium    | 159-2 | 1189417 | 1073835 | 1188504 | 1150585 | 5.78   | cps   |
| Thallium   | 203-1 | 733     | 717     | 725     | 725     | 1.15   | cps   |
| Thallium   | 205-1 | 1725    | 1709    | 1834    | 1756    | 3.87   | cps   |
| Tin        | 118-1 | 4160    | 4209    | 4234    | 4201    | 0.89   | cps   |
| Titanium   | 47-1  | 21320   | 21932   | 22713   | 21988   | 3.17   | cps   |
| Uranium    | 238-1 | 26513   | 27022   | 25920   | 26485   | 2.08   | cps   |
| Vanadium   | 51-2  | 17074   | 16560   | 16734   | 16789   | 1.56   | cps   |
| Yttrium    | 89-1  | 5443272 | 5439767 | 5462134 | 5448391 | 0.22   | cps   |
| Yttrium    | 89-2  | 141016  | 128358  | 139567  | 136314  | 5.08   | cps   |
| Zinc       | 66-2  | 2624    | 2660    | 2724    | 2669    | 1.90   | cps   |
| Zirconium  | 90-1  | 14667   | 15360   | 15669   | 15232   | 3.37   | cps   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB92809             | Operator :        | Jaswal    |
| Lab Sample ID :         | J1224-04            | Instrumnet Name : | P8        |
| Client Sample ID :      | MF6A06              | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2018-01-22 16:32:17 | DataFile Name :   | 051SMPL.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|-----------|------|------|------|------|---------|--------|-------|
| Zirconium | 91-1 | 3301 | 3451 | 3959 | 3570    | 9.67   | cps   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB92809             | Operator :        | Jaswal    |
| Lab Sample ID :         | J1224-05            | Instrumnet Name : | P8        |
| Client Sample ID :      | MF6A07              | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2018-01-22 16:35:27 | DataFile Name :   | 052SMPL.d |

| Parameter  | Mass  | CPS1    | CPS2    | CPS3    | CPSMean | CPSRSD | Units |
|------------|-------|---------|---------|---------|---------|--------|-------|
| Aluminium  | 27-2  | 35161   | 35688   | 34476   | 35108   | 1.73   | cps   |
| Antimony   | 121-1 | 1458    | 1550    | 1525    | 1511    | 3.14   | cps   |
| Arsenic    | 75-2  | 489     | 548     | 480     | 506     | 7.35   | cps   |
| Barium     | 135-1 | 466503  | 461305  | 460511  | 462773  | 0.70   | cps   |
| Barium     | 137-1 | 805801  | 809827  | 810176  | 808601  | 0.30   | cps   |
| Beryllium  | 9-1   | 856     | 883     | 900     | 880     | 2.55   | cps   |
| Bismuth    | 209-1 | 4714518 | 4672716 | 4739973 | 4709069 | 0.72   | cps   |
| Bismuth    | 209-2 | 1027971 | 1020045 | 1020725 | 1022914 | 0.43   | cps   |
| Boron      | 10-1  | 375     | 425     | 517     | 439     | 16.39  | cps   |
| Boron      | 11-1  | 1775    | 1734    | 1700    | 1736    | 2.16   | cps   |
| Cadmium    | 111-1 | 1054    | 743     | 1068    | 955     | 19.22  | cps   |
| Cadmium    | 106-1 | 1158    | 800     | 1192    | 1050    | 20.68  | cps   |
| Cadmium    | 108-1 | 33      | 42      | 29      | 35      | 18.33  | cps   |
| Calcium    | 43-1  | 43318   | 44045   | 43920   | 43761   | 0.89   | cps   |
| Calcium    | 44-1  | 715852  | 705787  | 707367  | 709669  | 0.76   | cps   |
| Chromium   | 52-2  | 7022    | 6868    | 6995    | 6962    | 1.18   | cps   |
| Cobalt     | 59-2  | 12829   | 12452   | 12299   | 12527   | 2.18   | cps   |
| Copper     | 63-2  | 9503    | 9076    | 9467    | 9349    | 2.53   | cps   |
| Dysprosium | 156-1 | 37664   | 35967   | 36443   | 36691   | 2.38   | cps   |
| Dysprosium | 156-2 | 7089    | 7105    | 7239    | 7144    | 1.15   | cps   |
| Erbium     | 164-1 | 26637   | 26828   | 26378   | 26614   | 0.85   | cps   |
| Erbium     | 164-2 | 4584    | 4684    | 4661    | 4643    | 1.13   | cps   |
| Gadolinium | 160-1 | 32909   | 32792   | 33996   | 33232   | 2.00   | cps   |
| Gadolinium | 160-2 | 8169    | 8486    | 7903    | 8186    | 3.57   | cps   |
| Holmium    | 165-1 | 6737694 | 6693750 | 6774638 | 6735361 | 0.60   | cps   |
| Holmium    | 165-2 | 1246727 | 1233575 | 1230166 | 1236823 | 0.71   | cps   |
| Indium     | 115-1 | 5155067 | 5173210 | 5195480 | 5174586 | 0.39   | cps   |
| Indium     | 115-2 | 191046  | 188452  | 188700  | 189399  | 0.76   | cps   |
| Iron       | 56-2  | 6360541 | 6416423 | 6353118 | 6376694 | 0.54   | cps   |
| Iron       | 57-2  | 157536  | 157950  | 157709  | 157732  | 0.13   | cps   |
| Lead       | 206-1 | 285918  | 284294  | 283710  | 284641  | 0.40   | cps   |
| Lead       | 207-1 | 238948  | 236707  | 235190  | 236949  | 0.80   | cps   |
| Lead       | 208-1 | 1117109 | 1108574 | 1107257 | 1110980 | 0.48   | cps   |
| Lithium    | 6-1   | 790224  | 784175  | 791542  | 788647  | 0.50   | cps   |
| Magnesium  | 24-2  | 30066   | 30075   | 30150   | 30097   | 0.15   | cps   |
| Manganese  | 55-2  | 168678  | 168141  | 166617  | 167812  | 0.64   | cps   |



|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB92809             | Operator :        | Jaswal    |
| Lab Sample ID :         | J1224-05            | Instrumnet Name : | P8        |
| Client Sample ID :      | MF6A07              | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2018-01-22 16:35:27 | DataFile Name :   | 052SMPL.d |

| Parameter  | Mass  | CPS1    | CPS2    | CPS3    | CPSMean | CPSRSD | Units |
|------------|-------|---------|---------|---------|---------|--------|-------|
| Molybdenum | 94-1  | 3651    | 3809    | 3542    | 3667    | 3.66   | cps   |
| Molybdenum | 95-1  | 1850    | 2092    | 1950    | 1964    | 6.18   | cps   |
| Molybdenum | 96-1  | 2625    | 2742    | 2825    | 2731    | 3.68   | cps   |
| Molybdenum | 97-1  | 1325    | 1292    | 1142    | 1253    | 7.80   | cps   |
| Molybdenum | 98-1  | 3134    | 3159    | 3167    | 3153    | 0.55   | cps   |
| Neodymium  | 150-1 | 62683   | 61230   | 62027   | 61980   | 1.17   | cps   |
| Neodymium  | 150-2 | 7199    | 7139    | 7409    | 7249    | 1.96   | cps   |
| Nickel     | 60-2  | 3220    | 3497    | 3230    | 3316    | 4.73   | cps   |
| Phosphorus | 31-2  | 67      | 108     | 92      | 89      | 23.59  | cps   |
| Potassium  | 39-2  | 7386    | 7202    | 7319    | 7302    | 1.27   | cps   |
| Rhodium    | 103-1 | 4696578 | 4676370 | 4778075 | 4717007 | 1.14   | cps   |
| Rhodium    | 103-2 | 1125386 | 1128059 | 1118648 | 1124031 | 0.43   | cps   |
| Scandium   | 45-1  | 2622546 | 2616513 | 2599664 | 2612908 | 0.45   | cps   |
| Scandium   | 45-2  | 17558   | 17421   | 18125   | 17701   | 2.11   | cps   |
| Selenium   | 77-2  | 53      | 33      | 17      | 34      | 53.29  | cps   |
| Selenium   | 78-2  | 9       | 13      | 30      | 17      | 62.79  | cps   |
| Selenium   | 82-1  | 147     | 28      | 99      | 91      | 65.48  | cps   |
| Silicon    | 28-1  | 3800360 | 4071013 | 3918484 | 3929952 | 3.45   | cps   |
| Silver     | 109-1 | 1133    | 1517    | 1125    | 1258    | 17.78  | cps   |
| Silver     | 107-1 | 1425    | 1617    | 1425    | 1489    | 7.43   | cps   |
| Sodium     | 23-2  | 10246   | 10146   | 10237   | 10210   | 0.54   | cps   |
| Strontium  | 86-1  | 46238   | 46873   | 46715   | 46608   | 0.71   | cps   |
| Strontium  | 88-1  | 403722  | 402551  | 400057  | 402110  | 0.47   | cps   |
| Sulfur     | 34-1  | 255790  | 253799  | 252357  | 253982  | 0.68   | cps   |
| Terbium    | 159-1 | 6889929 | 6874373 | 6976251 | 6913518 | 0.79   | cps   |
| Terbium    | 159-2 | 1182729 | 1189912 | 1176787 | 1183143 | 0.56   | cps   |
| Thallium   | 203-1 | 1192    | 1325    | 1308    | 1275    | 5.70   | cps   |
| Thallium   | 205-1 | 3301    | 3034    | 2892    | 3076    | 6.74   | cps   |
| Tin        | 118-1 | 3401    | 3509    | 3651    | 3520    | 3.56   | cps   |
| Titanium   | 47-1  | 19500   | 12793   | 13643   | 15312   | 23.85  | cps   |
| Uranium    | 238-1 | 56706   | 55542   | 55266   | 55838   | 1.37   | cps   |
| Vanadium   | 51-2  | 11772   | 11942   | 11705   | 11806   | 1.03   | cps   |
| Yttrium    | 89-1  | 5562992 | 5525395 | 5571826 | 5553404 | 0.44   | cps   |
| Yttrium    | 89-2  | 144707  | 143899  | 143949  | 144185  | 0.31   | cps   |
| Zinc       | 66-2  | 3684    | 3511    | 3564    | 3586    | 2.48   | cps   |
| Zirconium  | 90-1  | 8641    | 6902    | 6902    | 7482    | 13.42  | cps   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB92809             | Operator :        | Jaswal    |
| Lab Sample ID :         | J1224-05            | Instrumnet Name : | P8        |
| Client Sample ID :      | MF6A07              | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2018-01-22 16:35:27 | DataFile Name :   | 052SMPL.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|-----------|------|------|------|------|---------|--------|-------|
| Zirconium | 91-1 | 1600 | 2093 | 1775 | 1823    | 13.70  | cps   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB92809             | Operator :        | Jaswal    |
| Lab Sample ID :         | J1224-06            | Instrumnet Name : | P8        |
| Client Sample ID :      | MF6A08              | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2018-01-22 16:38:38 | DataFile Name :   | 053SMPL.d |

| Parameter  | Mass  | CPS1    | CPS2    | CPS3    | CPSMean | CPSRSD | Units |
|------------|-------|---------|---------|---------|---------|--------|-------|
| Aluminium  | 27-2  | 36281   | 36264   | 36723   | 36423   | 0.71   | cps   |
| Antimony   | 121-1 | 1875    | 1492    | 1684    | 1684    | 11.39  | cps   |
| Arsenic    | 75-2  | 554     | 496     | 535     | 528     | 5.55   | cps   |
| Barium     | 135-1 | 493714  | 496421  | 491129  | 493754  | 0.54   | cps   |
| Barium     | 137-1 | 856493  | 860204  | 853901  | 856866  | 0.37   | cps   |
| Beryllium  | 9-1   | 911     | 906     | 945     | 920     | 2.29   | cps   |
| Bismuth    | 209-1 | 4683289 | 4717840 | 4649225 | 4683451 | 0.73   | cps   |
| Bismuth    | 209-2 | 1026590 | 1021614 | 944593  | 997599  | 4.61   | cps   |
| Boron      | 10-1  | 325     | 300     | 333     | 319     | 5.43   | cps   |
| Boron      | 11-1  | 1533    | 1709    | 1450    | 1564    | 8.43   | cps   |
| Cadmium    | 111-1 | 1086    | 957     | 1007    | 1016    | 6.41   | cps   |
| Cadmium    | 106-1 | 1183    | 933     | 1100    | 1072    | 11.87  | cps   |
| Cadmium    | 108-1 | 25      | 25      | 25      | 25      | 0.00   | cps   |
| Calcium    | 43-1  | 45124   | 44806   | 45458   | 45129   | 0.72   | cps   |
| Calcium    | 44-1  | 734203  | 731032  | 732221  | 732485  | 0.22   | cps   |
| Chromium   | 52-2  | 7419    | 7325    | 7465    | 7403    | 0.96   | cps   |
| Cobalt     | 59-2  | 14014   | 13941   | 14004   | 13986   | 0.28   | cps   |
| Copper     | 63-2  | 9387    | 9046    | 9123    | 9185    | 1.94   | cps   |
| Dysprosium | 156-1 | 39862   | 40096   | 40422   | 40127   | 0.70   | cps   |
| Dysprosium | 156-2 | 7589    | 7282    | 7215    | 7362    | 2.71   | cps   |
| Erbium     | 164-1 | 30721   | 29518   | 29175   | 29805   | 2.72   | cps   |
| Erbium     | 164-2 | 5164    | 5171    | 5041    | 5126    | 1.43   | cps   |
| Gadolinium | 160-1 | 35784   | 36134   | 36009   | 35976   | 0.49   | cps   |
| Gadolinium | 160-2 | 8993    | 9117    | 9107    | 9072    | 0.76   | cps   |
| Holmium    | 165-1 | 6738897 | 6679138 | 6744491 | 6720842 | 0.54   | cps   |
| Holmium    | 165-2 | 1240045 | 1235069 | 1148959 | 1208024 | 4.24   | cps   |
| Indium     | 115-1 | 5166611 | 5155201 | 5189673 | 5170495 | 0.34   | cps   |
| Indium     | 115-2 | 188107  | 189915  | 173512  | 183845  | 4.89   | cps   |
| Iron       | 56-2  | 6830480 | 6665238 | 6821481 | 6772400 | 1.37   | cps   |
| Iron       | 57-2  | 168010  | 166308  | 167218  | 167179  | 0.51   | cps   |
| Lead       | 206-1 | 297782  | 299974  | 294853  | 297537  | 0.86   | cps   |
| Lead       | 207-1 | 247403  | 248111  | 244729  | 246747  | 0.72   | cps   |
| Lead       | 208-1 | 1157912 | 1159637 | 1146487 | 1154679 | 0.62   | cps   |
| Lithium    | 6-1   | 783142  | 786342  | 788167  | 785884  | 0.32   | cps   |
| Magnesium  | 24-2  | 31862   | 31235   | 31670   | 31589   | 1.02   | cps   |
| Manganese  | 55-2  | 172821  | 171842  | 173304  | 172656  | 0.43   | cps   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB92809             | Operator :        | Jaswal    |
| Lab Sample ID :         | J1224-06            | Instrumnet Name : | P8        |
| Client Sample ID :      | MF6A08              | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2018-01-22 16:38:38 | DataFile Name :   | 053SMPL.d |

| Parameter  | Mass  | CPS1    | CPS2    | CPS3    | CPSMean | CPSRSD | Units |
|------------|-------|---------|---------|---------|---------|--------|-------|
| Molybdenum | 94-1  | 4385    | 4693    | 5422    | 4833    | 11.02  | cps   |
| Molybdenum | 95-1  | 1975    | 1792    | 1967    | 1911    | 5.42   | cps   |
| Molybdenum | 96-1  | 2900    | 3025    | 2725    | 2884    | 5.23   | cps   |
| Molybdenum | 97-1  | 1167    | 1158    | 1375    | 1233    | 9.95   | cps   |
| Molybdenum | 98-1  | 3317    | 3276    | 3092    | 3228    | 3.71   | cps   |
| Neodymium  | 150-1 | 68387   | 65183   | 66053   | 66541   | 2.49   | cps   |
| Neodymium  | 150-2 | 7672    | 7782    | 7809    | 7755    | 0.93   | cps   |
| Nickel     | 60-2  | 3367    | 3454    | 3561    | 3460    | 2.80   | cps   |
| Phosphorus | 31-2  | 117     | 100     | 92      | 103     | 12.38  | cps   |
| Potassium  | 39-2  | 7611    | 7319    | 7019    | 7316    | 4.05   | cps   |
| Rhodium    | 103-1 | 4699702 | 4751495 | 4698636 | 4716611 | 0.64   | cps   |
| Rhodium    | 103-2 | 1122696 | 1123062 | 1033298 | 1093019 | 4.73   | cps   |
| Scandium   | 45-1  | 2641491 | 2636256 | 2608878 | 2628875 | 0.67   | cps   |
| Scandium   | 45-2  | 17868   | 17364   | 16380   | 17204   | 4.40   | cps   |
| Selenium   | 77-2  | 27      | 23      | 47      | 32      | 39.17  | cps   |
| Selenium   | 78-2  | 19      | 13      | 15      | 15      | 18.35  | cps   |
| Selenium   | 82-1  | 163     | 174     | 176     | 171     | 4.09   | cps   |
| Silicon    | 28-1  | 4069662 | 4131078 | 3994146 | 4064962 | 1.69   | cps   |
| Silver     | 109-1 | 1525    | 1659    | 1400    | 1528    | 8.46   | cps   |
| Silver     | 107-1 | 1408    | 1667    | 1342    | 1472    | 11.66  | cps   |
| Sodium     | 23-2  | 10171   | 10021   | 10104   | 10098   | 0.75   | cps   |
| Strontium  | 86-1  | 50386   | 50009   | 48621   | 49672   | 1.87   | cps   |
| Strontium  | 88-1  | 418175  | 414640  | 417191  | 416669  | 0.44   | cps   |
| Sulfur     | 34-1  | 246885  | 244521  | 242370  | 244592  | 0.92   | cps   |
| Terbium    | 159-1 | 6849097 | 6942564 | 6879264 | 6890309 | 0.69   | cps   |
| Terbium    | 159-2 | 1185618 | 1180921 | 1099165 | 1155235 | 4.21   | cps   |
| Thallium   | 203-1 | 1292    | 1517    | 1242    | 1350    | 10.85  | cps   |
| Thallium   | 205-1 | 3301    | 3126    | 3576    | 3334    | 6.81   | cps   |
| Tin        | 118-1 | 3959    | 3901    | 3601    | 3820    | 5.03   | cps   |
| Titanium   | 47-1  | 14797   | 16243   | 11314   | 14118   | 17.95  | cps   |
| Uranium    | 238-1 | 57350   | 57701   | 57818   | 57623   | 0.42   | cps   |
| Vanadium   | 51-2  | 12826   | 12936   | 13517   | 13093   | 2.83   | cps   |
| Yttrium    | 89-1  | 5553605 | 5621317 | 5582693 | 5585871 | 0.61   | cps   |
| Yttrium    | 89-2  | 144693  | 143393  | 134039  | 140709  | 4.13   | cps   |
| Zinc       | 66-2  | 3747    | 3467    | 3851    | 3688    | 5.38   | cps   |
| Zirconium  | 90-1  | 8122    | 8445    | 9410    | 8659    | 7.74   | cps   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB92809             | Operator :        | Jaswal    |
| Lab Sample ID :         | J1224-06            | Instrumnet Name : | P8        |
| Client Sample ID :      | MF6A08              | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2018-01-22 16:38:38 | DataFile Name :   | 053SMPL.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|-----------|------|------|------|------|---------|--------|-------|
| Zirconium | 91-1 | 1850 | 1584 | 1675 | 1703    | 7.96   | cps   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB92809             | Operator :        | Jaswal    |
| Lab Sample ID :         | J1224-07            | Instrumnet Name : | P8        |
| Client Sample ID :      | MF6A09              | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2018-01-22 16:41:49 | DataFile Name :   | 054SMPL.d |

| Parameter  | Mass  | CPS1    | CPS2    | CPS3    | CPSMean | CPSRSD | Units |
|------------|-------|---------|---------|---------|---------|--------|-------|
| Aluminium  | 27-2  | 32797   | 33332   | 31327   | 32486   | 3.20   | cps   |
| Antimony   | 121-1 | 1784    | 1884    | 1950    | 1872    | 4.48   | cps   |
| Arsenic    | 75-2  | 196     | 167     | 156     | 173     | 12.18  | cps   |
| Barium     | 135-1 | 553230  | 551905  | 550360  | 551831  | 0.26   | cps   |
| Barium     | 137-1 | 961083  | 965300  | 958979  | 961787  | 0.33   | cps   |
| Beryllium  | 9-1   | 1022    | 983     | 1033    | 1013    | 2.59   | cps   |
| Bismuth    | 209-1 | 4766009 | 4444552 | 4644845 | 4618468 | 3.52   | cps   |
| Bismuth    | 209-2 | 1040485 | 1034285 | 1026104 | 1033624 | 0.70   | cps   |
| Boron      | 10-1  | 542     | 525     | 475     | 514     | 6.75   | cps   |
| Boron      | 11-1  | 2325    | 2009    | 2209    | 2181    | 7.35   | cps   |
| Cadmium    | 111-1 | 1643    | 1461    | 1592    | 1565    | 6.01   | cps   |
| Cadmium    | 106-1 | 1133    | 942     | 1092    | 1056    | 9.55   | cps   |
| Cadmium    | 108-1 | 67      | 88      | 79      | 78      | 13.48  | cps   |
| Calcium    | 43-1  | 61016   | 61058   | 59461   | 60512   | 1.50   | cps   |
| Calcium    | 44-1  | 975258  | 976088  | 979591  | 976979  | 0.24   | cps   |
| Chromium   | 52-2  | 5851    | 5975    | 5771    | 5866    | 1.75   | cps   |
| Cobalt     | 59-2  | 6085    | 6025    | 5888    | 5999    | 1.68   | cps   |
| Copper     | 63-2  | 14191   | 13624   | 13587   | 13800   | 2.45   | cps   |
| Dysprosium | 156-1 | 36987   | 36185   | 37028   | 36733   | 1.29   | cps   |
| Dysprosium | 156-2 | 6735    | 7072    | 6628    | 6812    | 3.40   | cps   |
| Erbium     | 164-1 | 27296   | 27146   | 27346   | 27263   | 0.38   | cps   |
| Erbium     | 164-2 | 4674    | 4721    | 4774    | 4723    | 1.06   | cps   |
| Gadolinium | 160-1 | 33202   | 33126   | 33277   | 33201   | 0.23   | cps   |
| Gadolinium | 160-2 | 7993    | 8153    | 8289    | 8145    | 1.82   | cps   |
| Holmium    | 165-1 | 6782508 | 6319998 | 6706108 | 6602871 | 3.75   | cps   |
| Holmium    | 165-2 | 1256589 | 1242673 | 1237566 | 1245609 | 0.79   | cps   |
| Indium     | 115-1 | 5209447 | 4937972 | 5186710 | 5111376 | 2.95   | cps   |
| Indium     | 115-2 | 190355  | 192410  | 188442  | 190402  | 1.04   | cps   |
| Iron       | 56-2  | 2348689 | 2329767 | 2324728 | 2334395 | 0.54   | cps   |
| Iron       | 57-2  | 57324   | 56855   | 57401   | 57193   | 0.52   | cps   |
| Lead       | 206-1 | 177552  | 174684  | 179449  | 177228  | 1.35   | cps   |
| Lead       | 207-1 | 147070  | 145599  | 146630  | 146433  | 0.52   | cps   |
| Lead       | 208-1 | 690352  | 685639  | 687763  | 687918  | 0.34   | cps   |
| Lithium    | 6-1   | 784064  | 749910  | 786027  | 773333  | 2.63   | cps   |
| Magnesium  | 24-2  | 24547   | 25298   | 24705   | 24850   | 1.59   | cps   |
| Manganese  | 55-2  | 65520   | 65151   | 63641   | 64771   | 1.54   | cps   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB92809             | Operator :        | Jaswal    |
| Lab Sample ID :         | J1224-07            | Instrumnet Name : | P8        |
| Client Sample ID :      | MF6A09              | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2018-01-22 16:41:49 | DataFile Name :   | 054SMPL.d |

| Parameter  | Mass  | CPS1    | CPS2    | CPS3    | CPSMean | CPSRSD | Units |
|------------|-------|---------|---------|---------|---------|--------|-------|
| Molybdenum | 94-1  | 4551    | 4259    | 4684    | 4498    | 4.83   | cps   |
| Molybdenum | 95-1  | 1575    | 1400    | 1450    | 1475    | 6.11   | cps   |
| Molybdenum | 96-1  | 2334    | 2209    | 2242    | 2261    | 2.86   | cps   |
| Molybdenum | 97-1  | 1042    | 733     | 1017    | 931     | 18.40  | cps   |
| Molybdenum | 98-1  | 2217    | 2617    | 2550    | 2461    | 8.71   | cps   |
| Neodymium  | 150-1 | 57145   | 57828   | 57774   | 57582   | 0.66   | cps   |
| Neodymium  | 150-2 | 6792    | 6992    | 6829    | 6871    | 1.55   | cps   |
| Nickel     | 60-2  | 3624    | 3320    | 3384    | 3443    | 4.65   | cps   |
| Phosphorus | 31-2  | 83      | 167     | 192     | 147     | 38.53  | cps   |
| Potassium  | 39-2  | 8486    | 8511    | 8695    | 8564    | 1.33   | cps   |
| Rhodium    | 103-1 | 4722641 | 4411816 | 4704004 | 4612820 | 3.78   | cps   |
| Rhodium    | 103-2 | 1130280 | 1121391 | 1111375 | 1121015 | 0.84   | cps   |
| Scandium   | 45-1  | 2606477 | 2445796 | 2554028 | 2535433 | 3.23   | cps   |
| Scandium   | 45-2  | 17738   | 17101   | 17408   | 17415   | 1.83   | cps   |
| Selenium   | 77-2  | 37      | 20      | 37      | 31      | 30.93  | cps   |
| Selenium   | 78-2  | 15      | 19      | 17      | 17      | 11.13  | cps   |
| Selenium   | 82-1  | 76      | 15      | 31      | 41      | 77.39  | cps   |
| Silicon    | 28-1  | 5585593 | 5455142 | 5689146 | 5576627 | 2.10   | cps   |
| Silver     | 109-1 | 1092    | 1117    | 950     | 1053    | 8.54   | cps   |
| Silver     | 107-1 | 1042    | 992     | 1325    | 1120    | 16.06  | cps   |
| Sodium     | 23-2  | 9629    | 10146   | 9896    | 9890    | 2.61   | cps   |
| Strontium  | 86-1  | 53146   | 54276   | 52226   | 53216   | 1.93   | cps   |
| Strontium  | 88-1  | 467661  | 462626  | 460874  | 463720  | 0.76   | cps   |
| Sulfur     | 34-1  | 249651  | 251666  | 252119  | 251145  | 0.52   | cps   |
| Terbium    | 159-1 | 6896479 | 6414907 | 6887346 | 6732911 | 4.09   | cps   |
| Terbium    | 159-2 | 1197799 | 1186811 | 1184963 | 1189858 | 0.58   | cps   |
| Thallium   | 203-1 | 1250    | 917     | 1142    | 1103    | 15.42  | cps   |
| Thallium   | 205-1 | 2742    | 3000    | 2642    | 2795    | 6.62   | cps   |
| Tin        | 118-1 | 3926    | 3617    | 3609    | 3717    | 4.86   | cps   |
| Titanium   | 47-1  | 14502   | 20840   | 14669   | 16670   | 21.67  | cps   |
| Uranium    | 238-1 | 40651   | 40668   | 39849   | 40389   | 1.16   | cps   |
| Vanadium   | 51-2  | 9717    | 9687    | 9410    | 9605    | 1.76   | cps   |
| Yttrium    | 89-1  | 5550101 | 5333531 | 5573563 | 5485731 | 2.41   | cps   |
| Yttrium    | 89-2  | 144634  | 143857  | 143174  | 143888  | 0.51   | cps   |
| Zinc       | 66-2  | 4547    | 4784    | 4678    | 4670    | 2.54   | cps   |
| Zirconium  | 90-1  | 10580   | 11082   | 11016   | 10893   | 2.50   | cps   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB92809             | Operator :        | Jaswal    |
| Lab Sample ID :         | J1224-07            | Instrumnet Name : | P8        |
| Client Sample ID :      | MF6A09              | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2018-01-22 16:41:49 | DataFile Name :   | 054SMPL.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|-----------|------|------|------|------|---------|--------|-------|
| Zirconium | 91-1 | 2209 | 2609 | 2067 | 2295    | 12.25  | cps   |



|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB92809             | Operator :        | Jaswal    |
| Lab Sample ID :         | J1224-08            | Instrumnet Name : | P8        |
| Client Sample ID :      | MF6A10              | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2018-01-22 16:45:00 | DataFile Name :   | 055SMPL.d |

| Parameter  | Mass  | CPS1    | CPS2    | CPS3    | CPSMean | CPSRSD | Units |
|------------|-------|---------|---------|---------|---------|--------|-------|
| Aluminium  | 27-2  | 65929   | 65084   | 65050   | 65354   | 0.76   | cps   |
| Antimony   | 121-1 | 2275    | 2342    | 2367    | 2328    | 2.04   | cps   |
| Arsenic    | 75-2  | 374     | 378     | 344     | 365     | 5.00   | cps   |
| Barium     | 135-1 | 969067  | 963069  | 967111  | 966416  | 0.32   | cps   |
| Barium     | 137-1 | 1726246 | 1747378 | 1733173 | 1735599 | 0.62   | cps   |
| Beryllium  | 9-1   | 1539    | 1550    | 1533    | 1541    | 0.55   | cps   |
| Bismuth    | 209-1 | 4846440 | 4909479 | 4865156 | 4873691 | 0.66   | cps   |
| Bismuth    | 209-2 | 1047365 | 1054770 | 1059942 | 1054026 | 0.60   | cps   |
| Boron      | 10-1  | 558     | 675     | 600     | 611     | 9.67   | cps   |
| Boron      | 11-1  | 2925    | 2750    | 2475    | 2717    | 8.35   | cps   |
| Cadmium    | 111-1 | 1859    | 1734    | 1877    | 1823    | 4.28   | cps   |
| Cadmium    | 106-1 | 1250    | 1092    | 1242    | 1195    | 7.46   | cps   |
| Cadmium    | 108-1 | 142     | 121     | 96      | 119     | 19.21  | cps   |
| Calcium    | 43-1  | 126955  | 127339  | 127928  | 127407  | 0.38   | cps   |
| Calcium    | 44-1  | 2127844 | 2151190 | 2132728 | 2137254 | 0.58   | cps   |
| Chromium   | 52-2  | 10781   | 11138   | 11298   | 11072   | 2.39   | cps   |
| Cobalt     | 59-2  | 9237    | 9820    | 9740    | 9599    | 3.30   | cps   |
| Copper     | 63-2  | 32839   | 32922   | 32939   | 32900   | 0.16   | cps   |
| Dysprosium | 156-1 | 68949   | 67499   | 67115   | 67855   | 1.43   | cps   |
| Dysprosium | 156-2 | 12730   | 12947   | 13020   | 12899   | 1.17   | cps   |
| Erbium     | 164-1 | 51595   | 51470   | 52775   | 51947   | 1.39   | cps   |
| Erbium     | 164-2 | 9283    | 8886    | 9313    | 9161    | 2.60   | cps   |
| Gadolinium | 160-1 | 62425   | 64025   | 63195   | 63215   | 1.27   | cps   |
| Gadolinium | 160-2 | 15483   | 15670   | 15643   | 15598   | 0.65   | cps   |
| Holmium    | 165-1 | 6964435 | 6937862 | 6951852 | 6951383 | 0.19   | cps   |
| Holmium    | 165-2 | 1278904 | 1276942 | 1294837 | 1283561 | 0.76   | cps   |
| Indium     | 115-1 | 5322967 | 5337559 | 5360859 | 5340462 | 0.36   | cps   |
| Indium     | 115-2 | 192390  | 191391  | 194558  | 192780  | 0.84   | cps   |
| Iron       | 56-2  | 4814420 | 4893446 | 4852438 | 4853435 | 0.81   | cps   |
| Iron       | 57-2  | 120555  | 120007  | 119402  | 119988  | 0.48   | cps   |
| Lead       | 206-1 | 341762  | 339868  | 340265  | 340632  | 0.29   | cps   |
| Lead       | 207-1 | 284452  | 283064  | 282526  | 283347  | 0.35   | cps   |
| Lead       | 208-1 | 1329489 | 1325557 | 1322626 | 1325891 | 0.26   | cps   |
| Lithium    | 6-1   | 806581  | 802809  | 809991  | 806460  | 0.45   | cps   |
| Magnesium  | 24-2  | 47138   | 47137   | 46978   | 47084   | 0.19   | cps   |
| Manganese  | 55-2  | 110852  | 112975  | 111443  | 111757  | 0.98   | cps   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB92809             | Operator :        | Jaswal    |
| Lab Sample ID :         | J1224-08            | Instrumnet Name : | P8        |
| Client Sample ID :      | MF6A10              | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2018-01-22 16:45:00 | DataFile Name :   | 055SMPL.d |

| Parameter  | Mass  | CPS1    | CPS2    | CPS3    | CPSMean | CPSRSD | Units |
|------------|-------|---------|---------|---------|---------|--------|-------|
| Molybdenum | 94-1  | 10895   | 10377   | 9654    | 10309   | 6.05   | cps   |
| Molybdenum | 95-1  | 2784    | 3076    | 2842    | 2900    | 5.32   | cps   |
| Molybdenum | 96-1  | 4593    | 4626    | 4726    | 4648    | 1.49   | cps   |
| Molybdenum | 97-1  | 1875    | 2000    | 1967    | 1947    | 3.32   | cps   |
| Molybdenum | 98-1  | 4743    | 4701    | 4935    | 4793    | 2.60   | cps   |
| Neodymium  | 150-1 | 108129  | 107208  | 107053  | 107463  | 0.54   | cps   |
| Neodymium  | 150-2 | 12900   | 12396   | 12773   | 12690   | 2.07   | cps   |
| Nickel     | 60-2  | 5378    | 5665    | 5491    | 5511    | 2.62   | cps   |
| Phosphorus | 31-2  | 267     | 225     | 175     | 222     | 20.65  | cps   |
| Potassium  | 39-2  | 14658   | 14917   | 14458   | 14678   | 1.57   | cps   |
| Rhodium    | 103-1 | 4838752 | 4852539 | 4799793 | 4830361 | 0.57   | cps   |
| Rhodium    | 103-2 | 1145873 | 1148318 | 1140380 | 1144857 | 0.36   | cps   |
| Scandium   | 45-1  | 2680119 | 2656363 | 2635891 | 2657458 | 0.83   | cps   |
| Scandium   | 45-2  | 17187   | 17521   | 17818   | 17509   | 1.80   | cps   |
| Selenium   | 77-2  | 70      | 73      | 47      | 63      | 22.94  | cps   |
| Selenium   | 78-2  | 33      | 24      | 17      | 25      | 33.81  | cps   |
| Selenium   | 82-1  | 159     | 227     | 215     | 200     | 18.02  | cps   |
| Silicon    | 28-1  | 8480926 | 8555808 | 9613760 | 8883498 | 7.13   | cps   |
| Silver     | 109-1 | 1809    | 1742    | 1884    | 1811    | 3.91   | cps   |
| Silver     | 107-1 | 1834    | 1759    | 1750    | 1781    | 2.58   | cps   |
| Sodium     | 23-2  | 15058   | 15084   | 14867   | 15003   | 0.79   | cps   |
| Strontium  | 86-1  | 107270  | 107597  | 107388  | 107418  | 0.15   | cps   |
| Strontium  | 88-1  | 936638  | 933855  | 930566  | 933686  | 0.33   | cps   |
| Sulfur     | 34-1  | 269806  | 265201  | 261929  | 265645  | 1.49   | cps   |
| Terbium    | 159-1 | 7160665 | 7185834 | 7201720 | 7182739 | 0.29   | cps   |
| Terbium    | 159-2 | 1219887 | 1216055 | 1231824 | 1222589 | 0.67   | cps   |
| Thallium   | 203-1 | 1925    | 2034    | 1884    | 1947    | 3.98   | cps   |
| Thallium   | 205-1 | 4751    | 4434    | 4601    | 4596    | 3.45   | cps   |
| Tin        | 118-1 | 6377    | 6360    | 6944    | 6560    | 5.07   | cps   |
| Titanium   | 47-1  | 23968   | 19160   | 75146   | 39425   | 78.70  | cps   |
| Uranium    | 238-1 | 89328   | 88590   | 86785   | 88234   | 1.48   | cps   |
| Vanadium   | 51-2  | 20826   | 21193   | 19998   | 20672   | 2.96   | cps   |
| Yttrium    | 89-1  | 5980289 | 6055196 | 6043658 | 6026381 | 0.67   | cps   |
| Yttrium    | 89-2  | 154211  | 152194  | 152254  | 152886  | 0.75   | cps   |
| Zinc       | 66-2  | 8840    | 9000    | 9060    | 8966    | 1.27   | cps   |
| Zirconium  | 90-1  | 26721   | 22844   | 21388   | 23651   | 11.65  | cps   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB92809             | Operator :        | Jaswal    |
| Lab Sample ID :         | J1224-08            | Instrumnet Name : | P8        |
| Client Sample ID :      | MF6A10              | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2018-01-22 16:45:00 | DataFile Name :   | 055SMPL.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|-----------|------|------|------|------|---------|--------|-------|
| Zirconium | 91-1 | 4409 | 4668 | 4626 | 4568    | 3.04   | cps   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB92809             | Operator :        | Jaswal    |
| Lab Sample ID :         | J1224-09            | Instrumnet Name : | P8        |
| Client Sample ID :      | MF6A11              | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2018-01-22 16:48:10 | DataFile Name :   | 056SMPL.d |

| Parameter  | Mass  | CPS1    | CPS2    | CPS3    | CPSMean | CPSRSD | Units |
|------------|-------|---------|---------|---------|---------|--------|-------|
| Aluminium  | 27-2  | 35186   | 35571   | 34835   | 35197   | 1.05   | cps   |
| Antimony   | 121-1 | 1775    | 1659    | 1725    | 1720    | 3.40   | cps   |
| Arsenic    | 75-2  | 169     | 170     | 139     | 159     | 11.09  | cps   |
| Barium     | 135-1 | 458415  | 457897  | 457400  | 457904  | 0.11   | cps   |
| Barium     | 137-1 | 789863  | 799464  | 789271  | 792866  | 0.72   | cps   |
| Beryllium  | 9-1   | 911     | 767     | 922     | 867     | 10.01  | cps   |
| Bismuth    | 209-1 | 4905529 | 4893771 | 4834589 | 4877963 | 0.78   | cps   |
| Bismuth    | 209-2 | 1043036 | 1049444 | 1053855 | 1048778 | 0.52   | cps   |
| Boron      | 10-1  | 375     | 333     | 325     | 344     | 7.78   | cps   |
| Boron      | 11-1  | 1508    | 1592    | 1542    | 1547    | 2.71   | cps   |
| Cadmium    | 111-1 | 1331    | 1326    | 1226    | 1294    | 4.57   | cps   |
| Cadmium    | 106-1 | 1225    | 1050    | 1009    | 1095    | 10.50  | cps   |
| Cadmium    | 108-1 | 63      | 54      | 67      | 61      | 10.41  | cps   |
| Calcium    | 43-1  | 40158   | 41287   | 40785   | 40743   | 1.39   | cps   |
| Calcium    | 44-1  | 660887  | 666814  | 661697  | 663133  | 0.48   | cps   |
| Chromium   | 52-2  | 6285    | 6118    | 6135    | 6179    | 1.49   | cps   |
| Cobalt     | 59-2  | 6145    | 6098    | 5861    | 6035    | 2.52   | cps   |
| Copper     | 63-2  | 13313   | 13330   | 13513   | 13386   | 0.83   | cps   |
| Dysprosium | 156-1 | 36619   | 38324   | 36719   | 37221   | 2.57   | cps   |
| Dysprosium | 156-2 | 7055    | 7062    | 7265    | 7128    | 1.68   | cps   |
| Erbium     | 164-1 | 29092   | 27939   | 28181   | 28404   | 2.14   | cps   |
| Erbium     | 164-2 | 5068    | 4938    | 4798    | 4934    | 2.74   | cps   |
| Gadolinium | 160-1 | 33570   | 33594   | 33937   | 33700   | 0.61   | cps   |
| Gadolinium | 160-2 | 8526    | 8460    | 8813    | 8600    | 2.18   | cps   |
| Holmium    | 165-1 | 6963576 | 6952206 | 6919031 | 6944937 | 0.33   | cps   |
| Holmium    | 165-2 | 1258552 | 1270905 | 1276255 | 1268570 | 0.72   | cps   |
| Indium     | 115-1 | 5306869 | 5367023 | 5335062 | 5336318 | 0.56   | cps   |
| Indium     | 115-2 | 190140  | 193727  | 191945  | 191938  | 0.93   | cps   |
| Iron       | 56-2  | 2629685 | 2683808 | 2578313 | 2630602 | 2.01   | cps   |
| Iron       | 57-2  | 63299   | 62529   | 62897   | 62909   | 0.61   | cps   |
| Lead       | 206-1 | 198042  | 195768  | 197411  | 197074  | 0.60   | cps   |
| Lead       | 207-1 | 163753  | 163224  | 164496  | 163824  | 0.39   | cps   |
| Lead       | 208-1 | 771090  | 767261  | 770685  | 769678  | 0.27   | cps   |
| Lithium    | 6-1   | 805563  | 803413  | 805597  | 804857  | 0.16   | cps   |
| Magnesium  | 24-2  | 24756   | 23195   | 24923   | 24291   | 3.92   | cps   |
| Manganese  | 55-2  | 55784   | 55148   | 55510   | 55481   | 0.57   | cps   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB92809             | Operator :        | Jaswal    |
| Lab Sample ID :         | J1224-09            | Instrumnet Name : | P8        |
| Client Sample ID :      | MF6A11              | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2018-01-22 16:48:10 | DataFile Name :   | 056SMPL.d |

| Parameter  | Mass  | CPS1    | CPS2    | CPS3    | CPSMean | CPSRSD | Units |
|------------|-------|---------|---------|---------|---------|--------|-------|
| Molybdenum | 94-1  | 4084    | 4268    | 4887    | 4413    | 9.53   | cps   |
| Molybdenum | 95-1  | 1308    | 1400    | 1167    | 1292    | 9.10   | cps   |
| Molybdenum | 96-1  | 2034    | 1967    | 1934    | 1978    | 2.57   | cps   |
| Molybdenum | 97-1  | 992     | 800     | 842     | 878     | 11.49  | cps   |
| Molybdenum | 98-1  | 1950    | 2000    | 2059    | 2003    | 2.71   | cps   |
| Neodymium  | 150-1 | 60768   | 60936   | 59904   | 60536   | 0.91   | cps   |
| Neodymium  | 150-2 | 7015    | 7212    | 7179    | 7135    | 1.48   | cps   |
| Nickel     | 60-2  | 2987    | 3154    | 2987    | 3043    | 3.16   | cps   |
| Phosphorus | 31-2  | 158     | 108     | 108     | 125     | 23.09  | cps   |
| Potassium  | 39-2  | 6769    | 7452    | 7737    | 7319    | 6.80   | cps   |
| Rhodium    | 103-1 | 4859406 | 4891136 | 4887423 | 4879321 | 0.36   | cps   |
| Rhodium    | 103-2 | 1128569 | 1136465 | 1145492 | 1136842 | 0.74   | cps   |
| Scandium   | 45-1  | 2675851 | 2659146 | 2666095 | 2667031 | 0.31   | cps   |
| Scandium   | 45-2  | 17478   | 17257   | 17738   | 17491   | 1.38   | cps   |
| Selenium   | 77-2  | 33      | 43      | 47      | 41      | 16.89  | cps   |
| Selenium   | 78-2  | 11      | 22      | 11      | 15      | 43.30  | cps   |
| Selenium   | 82-1  | 115     | 23      | 101     | 80      | 62.42  | cps   |
| Silicon    | 28-1  | 5192327 | 6690721 | 5227163 | 5703404 | 14.99  | cps   |
| Silver     | 109-1 | 983     | 1208    | 1142    | 1111    | 10.40  | cps   |
| Silver     | 107-1 | 1025    | 1133    | 1058    | 1072    | 5.18   | cps   |
| Sodium     | 23-2  | 10638   | 10037   | 9937    | 10204   | 3.71   | cps   |
| Strontium  | 86-1  | 47234   | 42342   | 43401   | 44326   | 5.81   | cps   |
| Strontium  | 88-1  | 360592  | 361274  | 355523  | 359130  | 0.87   | cps   |
| Sulfur     | 34-1  | 229840  | 230806  | 230831  | 230492  | 0.25   | cps   |
| Terbium    | 159-1 | 7164237 | 7070090 | 7129668 | 7121332 | 0.67   | cps   |
| Terbium    | 159-2 | 1210168 | 1209628 | 1219743 | 1213180 | 0.47   | cps   |
| Thallium   | 203-1 | 1308    | 1400    | 1208    | 1306    | 7.34   | cps   |
| Thallium   | 205-1 | 2817    | 2950    | 3101    | 2956    | 4.80   | cps   |
| Tin        | 118-1 | 4126    | 4109    | 4043    | 4093    | 1.08   | cps   |
| Titanium   | 47-1  | 19967   | 14489   | 38458   | 24305   | 51.68  | cps   |
| Uranium    | 238-1 | 46497   | 44447   | 45175   | 45373   | 2.29   | cps   |
| Vanadium   | 51-2  | 8616    | 9113    | 8860    | 8863    | 2.80   | cps   |
| Yttrium    | 89-1  | 5751825 | 5696402 | 5727218 | 5725148 | 0.49   | cps   |
| Yttrium    | 89-2  | 143380  | 144996  | 145688  | 144688  | 0.82   | cps   |
| Zinc       | 66-2  | 3601    | 3470    | 3467    | 3513    | 2.17   | cps   |
| Zirconium  | 90-1  | 11434   | 10114   | 9396    | 10315   | 10.02  | cps   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB92809             | Operator :        | Jaswal    |
| Lab Sample ID :         | J1224-09            | Instrumnet Name : | P8        |
| Client Sample ID :      | MF6A11              | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2018-01-22 16:48:10 | DataFile Name :   | 056SMPL.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|-----------|------|------|------|------|---------|--------|-------|
| Zirconium | 91-1 | 2175 | 1984 | 2084 | 2081    | 4.61   | cps   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB92809             | Operator :        | Jaswal    |
| Lab Sample ID :         | J1224-10            | Instrumnet Name : | P8        |
| Client Sample ID :      | MF6A12              | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2018-01-22 16:51:20 | DataFile Name :   | 057SMPL.d |

| Parameter  | Mass  | CPS1    | CPS2    | CPS3    | CPSMean | CPSRSD | Units |
|------------|-------|---------|---------|---------|---------|--------|-------|
| Aluminium  | 27-2  | 53460   | 53694   | 52347   | 53167   | 1.35   | cps   |
| Antimony   | 121-1 | 2017    | 2050    | 1959    | 2009    | 2.31   | cps   |
| Arsenic    | 75-2  | 580     | 532     | 463     | 525     | 11.17  | cps   |
| Barium     | 135-1 | 659690  | 661403  | 652542  | 657878  | 0.71   | cps   |
| Barium     | 137-1 | 1144914 | 1150628 | 1148819 | 1148120 | 0.25   | cps   |
| Beryllium  | 9-1   | 1261    | 1345    | 1217    | 1274    | 5.09   | cps   |
| Bismuth    | 209-1 | 4863808 | 4899522 | 4850703 | 4871345 | 0.52   | cps   |
| Bismuth    | 209-2 | 1053646 | 1056568 | 995944  | 1035386 | 3.30   | cps   |
| Boron      | 10-1  | 275     | 408     | 350     | 344     | 19.41  | cps   |
| Boron      | 11-1  | 1517    | 1717    | 1408    | 1547    | 10.11  | cps   |
| Cadmium    | 111-1 | 1208    | 1163    | 1266    | 1212    | 4.25   | cps   |
| Cadmium    | 106-1 | 1133    | 1075    | 1217    | 1142    | 6.24   | cps   |
| Cadmium    | 108-1 | 50      | 63      | 33      | 49      | 30.11  | cps   |
| Calcium    | 43-1  | 65696   | 63218   | 64775   | 64563   | 1.94   | cps   |
| Calcium    | 44-1  | 1059384 | 1060765 | 1051248 | 1057132 | 0.49   | cps   |
| Chromium   | 52-2  | 9043    | 9210    | 9403    | 9219    | 1.96   | cps   |
| Cobalt     | 59-2  | 20726   | 20746   | 21200   | 20890   | 1.28   | cps   |
| Copper     | 63-2  | 41298   | 41920   | 40910   | 41376   | 1.23   | cps   |
| Dysprosium | 156-1 | 53050   | 52984   | 54130   | 53388   | 1.21   | cps   |
| Dysprosium | 156-2 | 10121   | 10094   | 9961    | 10058   | 0.85   | cps   |
| Erbium     | 164-1 | 39896   | 39988   | 39837   | 39907   | 0.19   | cps   |
| Erbium     | 164-2 | 7062    | 6982    | 7049    | 7031    | 0.61   | cps   |
| Gadolinium | 160-1 | 48860   | 48332   | 47479   | 48224   | 1.44   | cps   |
| Gadolinium | 160-2 | 12143   | 12123   | 12106   | 12124   | 0.15   | cps   |
| Holmium    | 165-1 | 7012018 | 6953805 | 6971703 | 6979175 | 0.43   | cps   |
| Holmium    | 165-2 | 1277981 | 1284828 | 1213347 | 1258718 | 3.13   | cps   |
| Indium     | 115-1 | 5329733 | 5303435 | 5298971 | 5310713 | 0.31   | cps   |
| Indium     | 115-2 | 195225  | 192765  | 182353  | 190114  | 3.59   | cps   |
| Iron       | 56-2  | 7168994 | 7152946 | 7132957 | 7151632 | 0.25   | cps   |
| Iron       | 57-2  | 178680  | 176717  | 175669  | 177022  | 0.86   | cps   |
| Lead       | 206-1 | 331559  | 331149  | 329700  | 330802  | 0.30   | cps   |
| Lead       | 207-1 | 274563  | 277167  | 274461  | 275397  | 0.56   | cps   |
| Lead       | 208-1 | 1285795 | 1291010 | 1280927 | 1285911 | 0.39   | cps   |
| Lithium    | 6-1   | 802802  | 805431  | 805855  | 804696  | 0.21   | cps   |
| Magnesium  | 24-2  | 39606   | 40559   | 40927   | 40364   | 1.69   | cps   |
| Manganese  | 55-2  | 337946  | 335372  | 331800  | 335039  | 0.92   | cps   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB92809             | Operator :        | Jaswal    |
| Lab Sample ID :         | J1224-10            | Instrumnet Name : | P8        |
| Client Sample ID :      | MF6A12              | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2018-01-22 16:51:20 | DataFile Name :   | 057SMPL.d |

| Parameter  | Mass  | CPS1    | CPS2    | CPS3    | CPSMean | CPSRSD | Units |
|------------|-------|---------|---------|---------|---------|--------|-------|
| Molybdenum | 94-1  | 7694    | 6969    | 7703    | 7455    | 5.65   | cps   |
| Molybdenum | 95-1  | 2567    | 2509    | 2492    | 2523    | 1.56   | cps   |
| Molybdenum | 96-1  | 3567    | 3859    | 3251    | 3559    | 8.55   | cps   |
| Molybdenum | 97-1  | 1367    | 1659    | 1567    | 1531    | 9.75   | cps   |
| Molybdenum | 98-1  | 3784    | 3567    | 4209    | 3854    | 8.47   | cps   |
| Neodymium  | 150-1 | 86034   | 84719   | 86746   | 85833   | 1.20   | cps   |
| Neodymium  | 150-2 | 10484   | 9847    | 10581   | 10304   | 3.87   | cps   |
| Nickel     | 60-2  | 4644    | 4731    | 4578    | 4651    | 1.65   | cps   |
| Phosphorus | 31-2  | 108     | 133     | 208     | 150     | 34.69  | cps   |
| Potassium  | 39-2  | 8795    | 8486    | 8394    | 8559    | 2.45   | cps   |
| Rhodium    | 103-1 | 4900950 | 4868590 | 4855134 | 4874891 | 0.48   | cps   |
| Rhodium    | 103-2 | 1147717 | 1146420 | 1076333 | 1123490 | 3.64   | cps   |
| Scandium   | 45-1  | 2653479 | 2690113 | 2671194 | 2671595 | 0.69   | cps   |
| Scandium   | 45-2  | 17454   | 17968   | 16240   | 17221   | 5.16   | cps   |
| Selenium   | 77-2  | 27      | 37      | 43      | 36      | 23.58  | cps   |
| Selenium   | 78-2  | 20      | 19      | 15      | 18      | 15.82  | cps   |
| Selenium   | 82-1  | 173     | 210     | 139     | 174     | 20.22  | cps   |
| Silicon    | 28-1  | 4264607 | 4449502 | 4235624 | 4316578 | 2.69   | cps   |
| Silver     | 109-1 | 1850    | 1692    | 1709    | 1750    | 4.97   | cps   |
| Silver     | 107-1 | 1950    | 1775    | 1867    | 1864    | 4.70   | cps   |
| Sodium     | 23-2  | 9353    | 9404    | 9212    | 9323    | 1.07   | cps   |
| Strontium  | 86-1  | 56761   | 56568   | 56936   | 56755   | 0.32   | cps   |
| Strontium  | 88-1  | 500170  | 494896  | 494923  | 496663  | 0.61   | cps   |
| Sulfur     | 34-1  | 230186  | 228747  | 230092  | 229675  | 0.35   | cps   |
| Terbium    | 159-1 | 7128563 | 7108221 | 7094164 | 7110316 | 0.24   | cps   |
| Terbium    | 159-2 | 1219207 | 1227313 | 1152773 | 1199764 | 3.41   | cps   |
| Thallium   | 203-1 | 1750    | 2000    | 1759    | 1836    | 7.73   | cps   |
| Thallium   | 205-1 | 4142    | 4693    | 4384    | 4407    | 6.26   | cps   |
| Tin        | 118-1 | 5785    | 5618    | 5693    | 5699    | 1.47   | cps   |
| Titanium   | 47-1  | 18800   | 13303   | 11622   | 14575   | 25.76  | cps   |
| Uranium    | 238-1 | 60289   | 60598   | 58899   | 59928   | 1.51   | cps   |
| Vanadium   | 51-2  | 15142   | 15489   | 15532   | 15388   | 1.39   | cps   |
| Yttrium    | 89-1  | 5879678 | 5840285 | 5753444 | 5824469 | 1.11   | cps   |
| Yttrium    | 89-2  | 149979  | 149852  | 142087  | 147306  | 3.07   | cps   |
| Zinc       | 66-2  | 6201    | 6138    | 5978    | 6106    | 1.89   | cps   |
| Zirconium  | 90-1  | 15310   | 15728   | 16641   | 15893   | 4.28   | cps   |



|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB92809             | Operator :        | Jaswal    |
| Lab Sample ID :         | J1224-10            | Instrumnet Name : | P8        |
| Client Sample ID :      | MF6A12              | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2018-01-22 16:51:20 | DataFile Name :   | 057SMPL.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|-----------|------|------|------|------|---------|--------|-------|
| Zirconium | 91-1 | 3509 | 3192 | 3885 | 3529    | 9.82   | cps   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB92809             | Operator :        | Jaswal    |
| Lab Sample ID :         | J1224-11            | Instrumnet Name : | P8        |
| Client Sample ID :      | MF6A16              | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2018-01-22 16:54:30 | DataFile Name :   | 058SMPL.d |

| Parameter  | Mass  | CPS1    | CPS2    | CPS3    | CPSMean | CPSRSD | Units |
|------------|-------|---------|---------|---------|---------|--------|-------|
| Aluminium  | 27-2  | 33273   | 33332   | 31645   | 32750   | 2.92   | cps   |
| Antimony   | 121-1 | 1408    | 1508    | 1292    | 1403    | 7.73   | cps   |
| Arsenic    | 75-2  | 119     | 124     | 115     | 119     | 3.91   | cps   |
| Barium     | 135-1 | 607164  | 603188  | 599165  | 603172  | 0.66   | cps   |
| Barium     | 137-1 | 1051035 | 1054715 | 1052341 | 1052697 | 0.18   | cps   |
| Beryllium  | 9-1   | 794     | 922     | 772     | 830     | 9.76   | cps   |
| Bismuth    | 209-1 | 4896385 | 4878552 | 4879458 | 4884798 | 0.21   | cps   |
| Bismuth    | 209-2 | 1061568 | 1060263 | 1060123 | 1060651 | 0.08   | cps   |
| Boron      | 10-1  | 417     | 467     | 383     | 422     | 9.93   | cps   |
| Boron      | 11-1  | 1959    | 1842    | 1942    | 1914    | 3.30   | cps   |
| Cadmium    | 111-1 | 1189    | 1211    | 1062    | 1154    | 6.97   | cps   |
| Cadmium    | 106-1 | 908     | 1058    | 975     | 981     | 7.66   | cps   |
| Cadmium    | 108-1 | 38      | 38      | 42      | 39      | 6.19   | cps   |
| Calcium    | 43-1  | 62624   | 63151   | 62532   | 62769   | 0.53   | cps   |
| Calcium    | 44-1  | 1036565 | 1032345 | 1019426 | 1029445 | 0.87   | cps   |
| Chromium   | 52-2  | 7869    | 7862    | 7576    | 7769    | 2.16   | cps   |
| Cobalt     | 59-2  | 4394    | 4714    | 4364    | 4491    | 4.32   | cps   |
| Copper     | 63-2  | 8029    | 8029    | 8032    | 8030    | 0.02   | cps   |
| Dysprosium | 156-1 | 32725   | 33444   | 32232   | 32801   | 1.86   | cps   |
| Dysprosium | 156-2 | 6365    | 6282    | 6422    | 6356    | 1.11   | cps   |
| Erbium     | 164-1 | 24766   | 25284   | 25534   | 25195   | 1.56   | cps   |
| Erbium     | 164-2 | 4488    | 4528    | 4354    | 4456    | 2.04   | cps   |
| Gadolinium | 160-1 | 30411   | 31364   | 30929   | 30901   | 1.54   | cps   |
| Gadolinium | 160-2 | 7552    | 7426    | 9546    | 8175    | 14.55  | cps   |
| Holmium    | 165-1 | 6892469 | 6974849 | 6922177 | 6929831 | 0.60   | cps   |
| Holmium    | 165-2 | 1281222 | 1279924 | 1280886 | 1280677 | 0.05   | cps   |
| Indium     | 115-1 | 5236296 | 5336285 | 5292107 | 5288229 | 0.95   | cps   |
| Indium     | 115-2 | 194309  | 193065  | 192534  | 193303  | 0.47   | cps   |
| Iron       | 56-2  | 2026021 | 2027492 | 2005198 | 2019570 | 0.62   | cps   |
| Iron       | 57-2  | 49132   | 48496   | 49588   | 49072   | 1.12   | cps   |
| Lead       | 206-1 | 164968  | 163944  | 163269  | 164060  | 0.52   | cps   |
| Lead       | 207-1 | 136229  | 135909  | 136032  | 136057  | 0.12   | cps   |
| Lead       | 208-1 | 638433  | 633820  | 635620  | 635957  | 0.37   | cps   |
| Lithium    | 6-1   | 796220  | 802813  | 806859  | 801964  | 0.67   | cps   |
| Magnesium  | 24-2  | 23195   | 23161   | 22944   | 23100   | 0.59   | cps   |
| Manganese  | 55-2  | 39987   | 40412   | 40342   | 40247   | 0.57   | cps   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB92809             | Operator :        | Jaswal    |
| Lab Sample ID :         | J1224-11            | Instrumnet Name : | P8        |
| Client Sample ID :      | MF6A16              | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2018-01-22 16:54:30 | DataFile Name :   | 058SMPL.d |

| Parameter  | Mass  | CPS1    | CPS2    | CPS3    | CPSMean | CPSRSD | Units |
|------------|-------|---------|---------|---------|---------|--------|-------|
| Molybdenum | 94-1  | 4801    | 4934    | 5201    | 4979    | 4.09   | cps   |
| Molybdenum | 95-1  | 1125    | 1342    | 1450    | 1306    | 12.68  | cps   |
| Molybdenum | 96-1  | 2292    | 6763    | 2317    | 3791    | 67.91  | cps   |
| Molybdenum | 97-1  | 842     | 867     | 925     | 878     | 4.87   | cps   |
| Molybdenum | 98-1  | 2092    | 2059    | 2075    | 2075    | 0.80   | cps   |
| Neodymium  | 150-1 | 52305   | 53590   | 52212   | 52702   | 1.46   | cps   |
| Neodymium  | 150-2 | 6288    | 6022    | 6222    | 6177    | 2.25   | cps   |
| Nickel     | 60-2  | 3497    | 3624    | 3587    | 3569    | 1.83   | cps   |
| Phosphorus | 31-2  | 167     | 175     | 167     | 169     | 2.84   | cps   |
| Potassium  | 39-2  | 8561    | 7719    | 8645    | 8308    | 6.16   | cps   |
| Rhodium    | 103-1 | 4804127 | 4906184 | 4826445 | 4845585 | 1.11   | cps   |
| Rhodium    | 103-2 | 1147949 | 1154977 | 1151207 | 1151378 | 0.31   | cps   |
| Scandium   | 45-1  | 2653716 | 2660758 | 2624904 | 2646460 | 0.72   | cps   |
| Scandium   | 45-2  | 17564   | 17565   | 17084   | 17404   | 1.59   | cps   |
| Selenium   | 77-2  | 13      | 7       | 23      | 14      | 58.06  | cps   |
| Selenium   | 78-2  | 15      | 19      | 13      | 15      | 18.35  | cps   |
| Selenium   | 82-1  | 102     | 85      | 153     | 114     | 31.09  | cps   |
| Silicon    | 28-1  | 7377195 | 9731003 | 6131507 | 7746569 | 23.60  | cps   |
| Silver     | 109-1 | 742     | 900     | 1017    | 886     | 15.58  | cps   |
| Silver     | 107-1 | 967     | 992     | 1033    | 997     | 3.38   | cps   |
| Sodium     | 23-2  | 8836    | 9796    | 9621    | 9418    | 5.43   | cps   |
| Strontium  | 86-1  | 55662   | 52251   | 52168   | 53360   | 3.74   | cps   |
| Strontium  | 88-1  | 452569  | 459506  | 451437  | 454504  | 0.96   | cps   |
| Sulfur     | 34-1  | 235219  | 233446  | 231641  | 233435  | 0.77   | cps   |
| Terbium    | 159-1 | 7080521 | 7149170 | 7044527 | 7091406 | 0.75   | cps   |
| Terbium    | 159-2 | 1223739 | 1220839 | 1218006 | 1220861 | 0.23   | cps   |
| Thallium   | 203-1 | 1133    | 1208    | 1192    | 1178    | 3.34   | cps   |
| Thallium   | 205-1 | 2625    | 2584    | 2725    | 2645    | 2.75   | cps   |
| Tin        | 118-1 | 3459    | 3917    | 3751    | 3709    | 6.26   | cps   |
| Titanium   | 47-1  | 16756   | 24449   | 13547   | 18251   | 30.70  | cps   |
| Uranium    | 238-1 | 33321   | 33797   | 33814   | 33644   | 0.83   | cps   |
| Vanadium   | 51-2  | 6372    | 6468    | 6355    | 6398    | 0.96   | cps   |
| Yttrium    | 89-1  | 5682820 | 5687202 | 5629026 | 5666349 | 0.57   | cps   |
| Yttrium    | 89-2  | 146041  | 144713  | 145475  | 145410  | 0.46   | cps   |
| Zinc       | 66-2  | 3357    | 3551    | 3367    | 3425    | 3.18   | cps   |
| Zirconium  | 90-1  | 16287   | 20765   | 10671   | 15908   | 31.79  | cps   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB92809             | Operator :        | Jaswal    |
| Lab Sample ID :         | J1224-11            | Instrumnet Name : | P8        |
| Client Sample ID :      | MF6A16              | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2018-01-22 16:54:30 | DataFile Name :   | 058SMPL.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|-----------|------|------|------|------|---------|--------|-------|
| Zirconium | 91-1 | 2934 | 2600 | 2976 | 2837    | 7.26   | cps   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB92809             | Operator :        | Jaswal    |
| Lab Sample ID :         | J1224-12            | Instrumnet Name : | P8        |
| Client Sample ID :      | MF6A16D             | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2018-01-22 16:57:41 | DataFile Name :   | 059SMPL.d |

| Parameter  | Mass  | CPS1    | CPS2    | CPS3    | CPSMean | CPSRSD | Units |
|------------|-------|---------|---------|---------|---------|--------|-------|
| Aluminium  | 27-2  | 32372   | 32530   | 32823   | 32575   | 0.70   | cps   |
| Antimony   | 121-1 | 1759    | 1508    | 1667    | 1645    | 7.69   | cps   |
| Arsenic    | 75-2  | 133     | 126     | 135     | 131     | 3.73   | cps   |
| Barium     | 135-1 | 609112  | 607700  | 596724  | 604512  | 1.12   | cps   |
| Barium     | 137-1 | 1060675 | 1061829 | 1047152 | 1056552 | 0.77   | cps   |
| Beryllium  | 9-1   | 794     | 828     | 883     | 835     | 5.38   | cps   |
| Bismuth    | 209-1 | 4794484 | 4895293 | 4914405 | 4868061 | 1.32   | cps   |
| Bismuth    | 209-2 | 1058130 | 1059437 | 1070737 | 1062768 | 0.65   | cps   |
| Boron      | 10-1  | 367     | 392     | 325     | 361     | 9.33   | cps   |
| Boron      | 11-1  | 1909    | 1667    | 1900    | 1825    | 7.52   | cps   |
| Cadmium    | 111-1 | 1145    | 1221    | 1268    | 1211    | 5.12   | cps   |
| Cadmium    | 106-1 | 1008    | 1000    | 1125    | 1045    | 6.69   | cps   |
| Cadmium    | 108-1 | 46      | 42      | 58      | 49      | 17.85  | cps   |
| Calcium    | 43-1  | 63963   | 62406   | 62649   | 63006   | 1.33   | cps   |
| Calcium    | 44-1  | 1043173 | 1023561 | 1026284 | 1031006 | 1.03   | cps   |
| Chromium   | 52-2  | 8022    | 7942    | 8193    | 8052    | 1.59   | cps   |
| Cobalt     | 59-2  | 4497    | 4547    | 4311    | 4452    | 2.80   | cps   |
| Copper     | 63-2  | 7576    | 7636    | 7556    | 7589    | 0.55   | cps   |
| Dysprosium | 156-1 | 34012   | 34296   | 33377   | 33895   | 1.39   | cps   |
| Dysprosium | 156-2 | 6238    | 6308    | 6839    | 6462    | 5.08   | cps   |
| Erbium     | 164-1 | 26094   | 26202   | 25776   | 26024   | 0.85   | cps   |
| Erbium     | 164-2 | 4544    | 4324    | 4404    | 4424    | 2.52   | cps   |
| Gadolinium | 160-1 | 31756   | 31414   | 31689   | 31620   | 0.57   | cps   |
| Gadolinium | 160-2 | 7662    | 7552    | 7729    | 7648    | 1.17   | cps   |
| Holmium    | 165-1 | 6921457 | 6986079 | 6970640 | 6959392 | 0.48   | cps   |
| Holmium    | 165-2 | 1275379 | 1279867 | 1287481 | 1280909 | 0.48   | cps   |
| Indium     | 115-1 | 5300312 | 5357936 | 5340368 | 5332872 | 0.55   | cps   |
| Indium     | 115-2 | 192903  | 191059  | 194277  | 192746  | 0.84   | cps   |
| Iron       | 56-2  | 1976908 | 1976117 | 1956756 | 1969927 | 0.58   | cps   |
| Iron       | 57-2  | 48239   | 47320   | 47386   | 47649   | 1.08   | cps   |
| Lead       | 206-1 | 168097  | 166521  | 165205  | 166608  | 0.87   | cps   |
| Lead       | 207-1 | 138986  | 138244  | 137105  | 138112  | 0.69   | cps   |
| Lead       | 208-1 | 649183  | 647001  | 643645  | 646610  | 0.43   | cps   |
| Lithium    | 6-1   | 791158  | 803613  | 805823  | 800198  | 0.99   | cps   |
| Magnesium  | 24-2  | 23186   | 22777   | 23879   | 23281   | 2.39   | cps   |
| Manganese  | 55-2  | 40515   | 40121   | 39369   | 40002   | 1.46   | cps   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB92809             | Operator :        | Jaswal    |
| Lab Sample ID :         | J1224-12            | Instrumnet Name : | P8        |
| Client Sample ID :      | MF6A16D             | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2018-01-22 16:57:41 | DataFile Name :   | 059SMPL.d |

| Parameter  | Mass  | CPS1    | CPS2    | CPS3    | CPSMean | CPSRSD | Units |
|------------|-------|---------|---------|---------|---------|--------|-------|
| Molybdenum | 94-1  | 5311    | 4759    | 4926    | 4999    | 5.66   | cps   |
| Molybdenum | 95-1  | 1200    | 1200    | 1183    | 1195    | 0.81   | cps   |
| Molybdenum | 96-1  | 2059    | 2050    | 2234    | 2114    | 4.90   | cps   |
| Molybdenum | 97-1  | 700     | 692     | 792     | 728     | 7.62   | cps   |
| Molybdenum | 98-1  | 2242    | 2200    | 2150    | 2198    | 2.09   | cps   |
| Neodymium  | 150-1 | 53396   | 52726   | 53368   | 53163   | 0.71   | cps   |
| Neodymium  | 150-2 | 6272    | 6178    | 6402    | 6284    | 1.79   | cps   |
| Nickel     | 60-2  | 3524    | 3614    | 3617    | 3585    | 1.48   | cps   |
| Phosphorus | 31-2  | 125     | 192     | 67      | 128     | 48.95  | cps   |
| Potassium  | 39-2  | 8344    | 8161    | 7928    | 8144    | 2.57   | cps   |
| Rhodium    | 103-1 | 4814097 | 4794364 | 4856562 | 4821674 | 0.66   | cps   |
| Rhodium    | 103-2 | 1140350 | 1142419 | 1145828 | 1142866 | 0.24   | cps   |
| Scandium   | 45-1  | 2614927 | 2656457 | 2649839 | 2640408 | 0.85   | cps   |
| Scandium   | 45-2  | 16797   | 17338   | 17842   | 17325   | 3.02   | cps   |
| Selenium   | 77-2  | 37      | 20      | 13      | 23      | 51.52  | cps   |
| Selenium   | 78-2  | 6       | 19      | 22      | 15      | 56.69  | cps   |
| Selenium   | 82-1  | 42      | 113     | 69      | 75      | 47.87  | cps   |
| Silicon    | 28-1  | 6175452 | 6227248 | 6141404 | 6181368 | 0.70   | cps   |
| Silver     | 109-1 | 983     | 1000    | 1000    | 995     | 0.97   | cps   |
| Silver     | 107-1 | 967     | 1108    | 1100    | 1058    | 7.51   | cps   |
| Sodium     | 23-2  | 9530    | 9278    | 8745    | 9184    | 4.36   | cps   |
| Strontium  | 86-1  | 52678   | 52744   | 52034   | 52485   | 0.75   | cps   |
| Strontium  | 88-1  | 451428  | 451763  | 447675  | 450289  | 0.50   | cps   |
| Sulfur     | 34-1  | 227738  | 227384  | 229594  | 228239  | 0.52   | cps   |
| Terbium    | 159-1 | 7064348 | 7125798 | 7139196 | 7109781 | 0.56   | cps   |
| Terbium    | 159-2 | 1215464 | 1220234 | 1219221 | 1218306 | 0.21   | cps   |
| Thallium   | 203-1 | 1167    | 1150    | 975     | 1097    | 9.68   | cps   |
| Thallium   | 205-1 | 2434    | 2517    | 2575    | 2509    | 2.84   | cps   |
| Tin        | 118-1 | 3626    | 3867    | 3934    | 3809    | 4.26   | cps   |
| Titanium   | 47-1  | 15344   | 13075   | 12474   | 13631   | 11.11  | cps   |
| Uranium    | 238-1 | 34541   | 34298   | 34324   | 34387   | 0.39   | cps   |
| Vanadium   | 51-2  | 6468    | 6552    | 6295    | 6438    | 2.03   | cps   |
| Yttrium    | 89-1  | 5639617 | 5664866 | 5712017 | 5672166 | 0.65   | cps   |
| Yttrium    | 89-2  | 145090  | 144689  | 145320  | 145033  | 0.22   | cps   |
| Zinc       | 66-2  | 3307    | 3290    | 3437    | 3345    | 2.40   | cps   |
| Zirconium  | 90-1  | 14763   | 11289   | 11423   | 12492   | 15.76  | cps   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB92809             | Operator :        | Jaswal    |
| Lab Sample ID :         | J1224-12            | Instrumnet Name : | P8        |
| Client Sample ID :      | MF6A16D             | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2018-01-22 16:57:41 | DataFile Name :   | 059SMPL.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|-----------|------|------|------|------|---------|--------|-------|
| Zirconium | 91-1 | 2317 | 3371 | 2334 | 2674    | 22.59  | cps   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB92809             | Operator :        | Jaswal    |
| Lab Sample ID :         | J1224-11LX5         | Instrumnet Name : | P8        |
| Client Sample ID :      | MF6A16L             | Dilution Factor : | 5         |
| Date & Time Acquired :: | 2018-01-22 17:00:51 | DataFile Name :   | 060SMPL.d |

| Parameter  | Mass  | CPS1    | CPS2    | CPS3    | CPSMean | CPSRSD | Units |
|------------|-------|---------|---------|---------|---------|--------|-------|
| Aluminium  | 27-2  | 6669    | 6827    | 7311    | 6935    | 4.82   | cps   |
| Antimony   | 121-1 | 392     | 408     | 375     | 392     | 4.25   | cps   |
| Arsenic    | 75-2  | 22      | 37      | 30      | 30      | 25.01  | cps   |
| Barium     | 135-1 | 125162  | 126451  | 124994  | 125536  | 0.63   | cps   |
| Barium     | 137-1 | 221854  | 220585  | 221255  | 221231  | 0.29   | cps   |
| Beryllium  | 9-1   | 228     | 239     | 161     | 209     | 20.10  | cps   |
| Bismuth    | 209-1 | 4810134 | 4816744 | 4886336 | 4837738 | 0.87   | cps   |
| Bismuth    | 209-2 | 1058916 | 1056004 | 1058791 | 1057903 | 0.16   | cps   |
| Boron      | 10-1  | 233     | 167     | 117     | 172     | 33.99  | cps   |
| Boron      | 11-1  | 983     | 1033    | 1033    | 1017    | 2.84   | cps   |
| Cadmium    | 111-1 | 767     | 918     | 762     | 816     | 10.89  | cps   |
| Cadmium    | 106-1 | 908     | 1142    | 917     | 989     | 13.39  | cps   |
| Cadmium    | 108-1 | 21      | 8       | 13      | 14      | 45.83  | cps   |
| Calcium    | 43-1  | 14450   | 13157   | 13399   | 13668   | 5.03   | cps   |
| Calcium    | 44-1  | 225872  | 223198  | 225352  | 224807  | 0.63   | cps   |
| Chromium   | 52-2  | 1937    | 1867    | 1790    | 1865    | 3.93   | cps   |
| Cobalt     | 59-2  | 947     | 1053    | 980     | 993     | 5.49   | cps   |
| Copper     | 63-2  | 1723    | 1810    | 1573    | 1702    | 7.03   | cps   |
| Dysprosium | 156-1 | 6961    | 6835    | 7069    | 6955    | 1.68   | cps   |
| Dysprosium | 156-2 | 1400    | 1400    | 1370    | 1390    | 1.25   | cps   |
| Erbium     | 164-1 | 5276    | 5376    | 5076    | 5243    | 2.91   | cps   |
| Erbium     | 164-2 | 1003    | 983     | 993     | 993     | 1.01   | cps   |
| Gadolinium | 160-1 | 6752    | 6727    | 7219    | 6899    | 4.02   | cps   |
| Gadolinium | 160-2 | 1667    | 1607    | 1737    | 1670    | 3.90   | cps   |
| Holmium    | 165-1 | 6801296 | 6889173 | 6870395 | 6853622 | 0.68   | cps   |
| Holmium    | 165-2 | 1289238 | 1279480 | 1285759 | 1284826 | 0.38   | cps   |
| Indium     | 115-1 | 5212214 | 5302064 | 5279387 | 5264555 | 0.89   | cps   |
| Indium     | 115-2 | 195172  | 193391  | 194538  | 194367  | 0.46   | cps   |
| Iron       | 56-2  | 411531  | 405069  | 412075  | 409558  | 0.95   | cps   |
| Iron       | 57-2  | 10410   | 10249   | 10665   | 10441   | 2.01   | cps   |
| Lead       | 206-1 | 35160   | 35049   | 33171   | 34460   | 3.24   | cps   |
| Lead       | 207-1 | 28304   | 29390   | 27803   | 28499   | 2.85   | cps   |
| Lead       | 208-1 | 134602  | 134241  | 132028  | 133624  | 1.04   | cps   |
| Lithium    | 6-1   | 784677  | 786948  | 790693  | 787439  | 0.39   | cps   |
| Magnesium  | 24-2  | 5143    | 5201    | 5151    | 5165    | 0.61   | cps   |
| Manganese  | 55-2  | 8713    | 8309    | 8603    | 8542    | 2.44   | cps   |



|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB92809             | Operator :        | Jaswal    |
| Lab Sample ID :         | J1224-11LX5         | Instrumnet Name : | P8        |
| Client Sample ID :      | MF6A16L             | Dilution Factor : | 5         |
| Date & Time Acquired :: | 2018-01-22 17:00:51 | DataFile Name :   | 060SMPL.d |

| Parameter  | Mass  | CPS1    | CPS2    | CPS3    | CPSMean | CPSRSD | Units |
|------------|-------|---------|---------|---------|---------|--------|-------|
| Molybdenum | 94-1  | 1025    | 1100    | 933     | 1020    | 8.19   | cps   |
| Molybdenum | 95-1  | 325     | 267     | 342     | 311     | 12.66  | cps   |
| Molybdenum | 96-1  | 567     | 442     | 583     | 531     | 14.60  | cps   |
| Molybdenum | 97-1  | 208     | 283     | 233     | 242     | 15.80  | cps   |
| Molybdenum | 98-1  | 558     | 633     | 517     | 569     | 10.38  | cps   |
| Neodymium  | 150-1 | 11672   | 11879   | 11072   | 11541   | 3.63   | cps   |
| Neodymium  | 150-2 | 1237    | 1347    | 1263    | 1282    | 4.48   | cps   |
| Nickel     | 60-2  | 1130    | 1180    | 1287    | 1199    | 6.68   | cps   |
| Phosphorus | 31-2  | 0       | 50      | 8       | 19      | 137.78 | cps   |
| Potassium  | 39-2  | 2809    | 2850    | 2917    | 2859    | 1.91   | cps   |
| Rhodium    | 103-1 | 4813259 | 4828762 | 4842217 | 4828079 | 0.30   | cps   |
| Rhodium    | 103-2 | 1138148 | 1149891 | 1147602 | 1145214 | 0.54   | cps   |
| Scandium   | 45-1  | 2603482 | 2603193 | 2604152 | 2603609 | 0.02   | cps   |
| Scandium   | 45-2  | 16830   | 17568   | 17431   | 17276   | 2.27   | cps   |
| Selenium   | 77-2  | 0       | 13      | 3       | 6       | 124.93 | cps   |
| Selenium   | 78-2  | 2       | 4       | 7       | 4       | 65.54  | cps   |
| Selenium   | 82-1  | -29     | -65     | -20     | -38     | -62.21 | cps   |
| Silicon    | 28-1  | 1478437 | 1508059 | 1512065 | 1499520 | 1.22   | cps   |
| Silver     | 109-1 | 242     | 242     | 308     | 264     | 14.59  | cps   |
| Silver     | 107-1 | 342     | 217     | 317     | 292     | 22.68  | cps   |
| Sodium     | 23-2  | 6135    | 5960    | 6127    | 6074    | 1.63   | cps   |
| Strontium  | 86-1  | 11480   | 11130   | 11555   | 11389   | 1.99   | cps   |
| Strontium  | 88-1  | 94274   | 93513   | 95113   | 94300   | 0.85   | cps   |
| Sulfur     | 34-1  | 223431  | 221601  | 221444  | 222159  | 0.50   | cps   |
| Terbium    | 159-1 | 7052141 | 7101054 | 7083158 | 7078784 | 0.35   | cps   |
| Terbium    | 159-2 | 1227617 | 1218853 | 1230996 | 1225822 | 0.51   | cps   |
| Thallium   | 203-1 | 292     | 308     | 317     | 306     | 4.16   | cps   |
| Thallium   | 205-1 | 792     | 733     | 725     | 750     | 4.84   | cps   |
| Tin        | 118-1 | 1175    | 1225    | 1342    | 1247    | 6.86   | cps   |
| Titanium   | 47-1  | 2917    | 2792    | 3009    | 2906    | 3.75   | cps   |
| Uranium    | 238-1 | 6977    | 7177    | 7002    | 7052    | 1.55   | cps   |
| Vanadium   | 51-2  | 1380    | 1207    | 1347    | 1311    | 7.02   | cps   |
| Yttrium    | 89-1  | 5360931 | 5411429 | 5450181 | 5407514 | 0.83   | cps   |
| Yttrium    | 89-2  | 140163  | 138988  | 138527  | 139226  | 0.61   | cps   |
| Zinc       | 66-2  | 820     | 753     | 777     | 783     | 4.32   | cps   |
| Zirconium  | 90-1  | 2617    | 2400    | 2300    | 2439    | 6.64   | cps   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB92809             | Operator :        | Jaswal    |
| Lab Sample ID :         | J1224-11LX5         | Instrumnet Name : | P8        |
| Client Sample ID :      | MF6A16L             | Dilution Factor : | 5         |
| Date & Time Acquired :: | 2018-01-22 17:00:51 | DataFile Name :   | 060SMPL.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|-----------|------|------|------|------|---------|--------|-------|
| Zirconium | 91-1 | 483  | 758  | 508  | 583     | 26.07  | cps   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB92809             | Operator :        | Jaswal    |
| Lab Sample ID :         | J1224-13            | Instrumnet Name : | P8        |
| Client Sample ID :      | MF6A16S             | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2018-01-22 17:04:01 | DataFile Name :   | 061SMPL.d |

| Parameter  | Mass  | CPS1    | CPS2    | CPS3    | CPSMean | CPSRSD | Units |
|------------|-------|---------|---------|---------|---------|--------|-------|
| Aluminium  | 27-2  | 32873   | 32572   | 32288   | 32577   | 0.90   | cps   |
| Antimony   | 121-1 | 145189  | 144742  | 145089  | 145006  | 0.16   | cps   |
| Arsenic    | 75-2  | 633     | 546     | 663     | 614     | 9.87   | cps   |
| Barium     | 135-1 | 1205711 | 1209998 | 1204711 | 1206807 | 0.23   | cps   |
| Barium     | 137-1 | 2153980 | 2178907 | 2148083 | 2160323 | 0.76   | cps   |
| Beryllium  | 9-1   | 7719    | 8025    | 8108    | 7951    | 2.58   | cps   |
| Bismuth    | 209-1 | 4910594 | 4943043 | 4950769 | 4934802 | 0.43   | cps   |
| Bismuth    | 209-2 | 1061420 | 1060989 | 1057222 | 1059877 | 0.22   | cps   |
| Boron      | 10-1  | 308     | 392     | 342     | 347     | 12.08  | cps   |
| Boron      | 11-1  | 1709    | 1667    | 1867    | 1747    | 6.04   | cps   |
| Cadmium    | 111-1 | 16331   | 16304   | 16228   | 16288   | 0.33   | cps   |
| Cadmium    | 106-1 | 2167    | 2184    | 2192    | 2181    | 0.58   | cps   |
| Cadmium    | 108-1 | 1046    | 1083    | 1142    | 1090    | 4.43   | cps   |
| Calcium    | 43-1  | 61887   | 62105   | 60196   | 61396   | 1.70   | cps   |
| Calcium    | 44-1  | 988779  | 992958  | 985109  | 988948  | 0.40   | cps   |
| Chromium   | 52-2  | 27921   | 27617   | 27050   | 27529   | 1.61   | cps   |
| Cobalt     | 59-2  | 117399  | 117510  | 116471  | 117127  | 0.49   | cps   |
| Copper     | 63-2  | 58245   | 57639   | 58272   | 58052   | 0.62   | cps   |
| Dysprosium | 156-1 | 32441   | 31556   | 32692   | 32230   | 1.85   | cps   |
| Dysprosium | 156-2 | 6115    | 6218    | 5928    | 6087    | 2.42   | cps   |
| Erbium     | 164-1 | 25175   | 25058   | 24808   | 25014   | 0.75   | cps   |
| Erbium     | 164-2 | 4221    | 4678    | 3997    | 4299    | 8.07   | cps   |
| Gadolinium | 160-1 | 29885   | 30428   | 29417   | 29910   | 1.69   | cps   |
| Gadolinium | 160-2 | 7149    | 7512    | 7406    | 7356    | 2.54   | cps   |
| Holmium    | 165-1 | 6966614 | 7001829 | 6956576 | 6975006 | 0.34   | cps   |
| Holmium    | 165-2 | 1287529 | 1286628 | 1275322 | 1283160 | 0.53   | cps   |
| Indium     | 115-1 | 5306652 | 5371273 | 5309472 | 5329132 | 0.69   | cps   |
| Indium     | 115-2 | 192808  | 193655  | 190698  | 192387  | 0.79   | cps   |
| Iron       | 56-2  | 2005029 | 2003824 | 1955259 | 1988037 | 1.43   | cps   |
| Iron       | 57-2  | 48774   | 47938   | 48083   | 48265   | 0.93   | cps   |
| Lead       | 206-1 | 178564  | 177477  | 177744  | 177928  | 0.32   | cps   |
| Lead       | 207-1 | 148447  | 149677  | 149139  | 149088  | 0.41   | cps   |
| Lead       | 208-1 | 695446  | 696748  | 697162  | 696452  | 0.13   | cps   |
| Lithium    | 6-1   | 797410  | 806036  | 805069  | 802838  | 0.59   | cps   |
| Magnesium  | 24-2  | 21976   | 22927   | 21066   | 21990   | 4.23   | cps   |
| Manganese  | 55-2  | 53111   | 52910   | 51421   | 52481   | 1.76   | cps   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB92809             | Operator :        | Jaswal    |
| Lab Sample ID :         | J1224-13            | Instrumnet Name : | P8        |
| Client Sample ID :      | MF6A16S             | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2018-01-22 17:04:01 | DataFile Name :   | 061SMPL.d |

| Parameter  | Mass  | CPS1    | CPS2    | CPS3    | CPSMean | CPSRSD | Units |
|------------|-------|---------|---------|---------|---------|--------|-------|
| Molybdenum | 94-1  | 4484    | 4584    | 4693    | 4587    | 2.27   | cps   |
| Molybdenum | 95-1  | 1125    | 1242    | 1208    | 1192    | 5.04   | cps   |
| Molybdenum | 96-1  | 2142    | 2242    | 1825    | 2070    | 10.51  | cps   |
| Molybdenum | 97-1  | 858     | 775     | 767     | 800     | 6.34   | cps   |
| Molybdenum | 98-1  | 2242    | 2217    | 2100    | 2186    | 3.46   | cps   |
| Neodymium  | 150-1 | 51468   | 51863   | 51308   | 51547   | 0.55   | cps   |
| Neodymium  | 150-2 | 6178    | 5948    | 6015    | 6047    | 1.96   | cps   |
| Nickel     | 60-2  | 36471   | 36735   | 36501   | 36569   | 0.40   | cps   |
| Phosphorus | 31-2  | 108     | 117     | 125     | 117     | 7.14   | cps   |
| Potassium  | 39-2  | 7719    | 7853    | 7861    | 7811    | 1.02   | cps   |
| Rhodium    | 103-1 | 4863884 | 4902243 | 4867948 | 4878025 | 0.43   | cps   |
| Rhodium    | 103-2 | 1144499 | 1146566 | 1141108 | 1144057 | 0.24   | cps   |
| Scandium   | 45-1  | 2645419 | 2658518 | 2629732 | 2644556 | 0.54   | cps   |
| Scandium   | 45-2  | 17224   | 17808   | 17101   | 17378   | 2.17   | cps   |
| Selenium   | 77-2  | 33      | 40      | 30      | 34      | 14.78  | cps   |
| Selenium   | 78-2  | 24      | 28      | 35      | 29      | 19.51  | cps   |
| Selenium   | 82-1  | 1887    | 1834    | 1807    | 1843    | 2.22   | cps   |
| Silicon    | 28-1  | 5922932 | 5736593 | 5673933 | 5777819 | 2.24   | cps   |
| Silver     | 109-1 | 67645   | 68994   | 67964   | 68201   | 1.03   | cps   |
| Silver     | 107-1 | 69505   | 71464   | 71548   | 70839   | 1.63   | cps   |
| Sodium     | 23-2  | 8786    | 8628    | 8294    | 8570    | 2.93   | cps   |
| Strontium  | 86-1  | 50595   | 49625   | 50394   | 50204   | 1.02   | cps   |
| Strontium  | 88-1  | 435692  | 435904  | 437371  | 436322  | 0.21   | cps   |
| Sulfur     | 34-1  | 233777  | 231482  | 230705  | 231988  | 0.69   | cps   |
| Terbium    | 159-1 | 7120896 | 7176668 | 7093377 | 7130314 | 0.60   | cps   |
| Terbium    | 159-2 | 1224514 | 1219038 | 1212050 | 1218534 | 0.51   | cps   |
| Thallium   | 203-1 | 64121   | 65461   | 64313   | 64632   | 1.12   | cps   |
| Thallium   | 205-1 | 155450  | 154286  | 155323  | 155020  | 0.41   | cps   |
| Tin        | 118-1 | 3834    | 3659    | 3959    | 3817    | 3.95   | cps   |
| Titanium   | 47-1  | 26095   | 20367   | 17323   | 21262   | 20.95  | cps   |
| Uranium    | 238-1 | 32510   | 32026   | 32285   | 32274   | 0.75   | cps   |
| Vanadium   | 51-2  | 43106   | 42782   | 42000   | 42629   | 1.33   | cps   |
| Yttrium    | 89-1  | 5630230 | 5724237 | 5657354 | 5670607 | 0.85   | cps   |
| Yttrium    | 89-2  | 145424  | 142938  | 144552  | 144305  | 0.87   | cps   |
| Zinc       | 66-2  | 11598   | 11922   | 11859   | 11793   | 1.45   | cps   |
| Zirconium  | 90-1  | 12335   | 11073   | 14334   | 12580   | 13.07  | cps   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB92809             | Operator :        | Jaswal    |
| Lab Sample ID :         | J1224-13            | Instrumnet Name : | P8        |
| Client Sample ID :      | MF6A16S             | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2018-01-22 17:04:01 | DataFile Name :   | 061SMPL.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|-----------|------|------|------|------|---------|--------|-------|
| Zirconium | 91-1 | 2684 | 2717 | 3710 | 3037    | 19.20  | cps   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB92809             | Operator :        | Jaswal    |
| Lab Sample ID :         | J1224-14            | Instrumnet Name : | P8        |
| Client Sample ID :      | MF6A17              | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2018-01-22 17:07:12 | DataFile Name :   | 062SMPL.d |

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|------------|-------|----------|----------|----------|----------|--------|-------|
| Aluminium  | 27-2  | 39071    | 39590    | 38604    | 39088    | 1.26   | cps   |
| Antimony   | 121-1 | 3551     | 3167     | 3451     | 3389     | 5.87   | cps   |
| Arsenic    | 75-2  | 1332     | 1233     | 1239     | 1268     | 4.35   | cps   |
| Barium     | 135-1 | 418967   | 422816   | 416269   | 419351   | 0.78   | cps   |
| Barium     | 137-1 | 733503   | 730156   | 721989   | 728549   | 0.81   | cps   |
| Beryllium  | 9-1   | 700      | 678      | 611      | 663      | 6.98   | cps   |
| Bismuth    | 209-1 | 4869327  | 4863181  | 4896106  | 4876205  | 0.36   | cps   |
| Bismuth    | 209-2 | 1043694  | 965670   | 1046980  | 1018781  | 4.52   | cps   |
| Boron      | 10-1  | 367      | 267      | 292      | 308      | 16.88  | cps   |
| Boron      | 11-1  | 1542     | 1567     | 1458     | 1522     | 3.73   | cps   |
| Cadmium    | 111-1 | 719      | 735      | 778      | 744      | 4.09   | cps   |
| Cadmium    | 106-1 | 908      | 933      | 992      | 945      | 4.53   | cps   |
| Cadmium    | 108-1 | 42       | 21       | 29       | 31       | 34.33  | cps   |
| Calcium    | 43-1  | 38128    | 36373    | 37785    | 37429    | 2.48   | cps   |
| Calcium    | 44-1  | 612761   | 609991   | 609225   | 610659   | 0.30   | cps   |
| Chromium   | 52-2  | 12469    | 12302    | 12009    | 12260    | 1.90   | cps   |
| Cobalt     | 59-2  | 7836     | 7909     | 7926     | 7890     | 0.61   | cps   |
| Copper     | 63-2  | 9777     | 9837     | 10014    | 9876     | 1.25   | cps   |
| Dysprosium | 156-1 | 21076    | 21694    | 20509    | 21093    | 2.81   | cps   |
| Dysprosium | 156-2 | 3804     | 3831     | 3827     | 3821     | 0.38   | cps   |
| Erbium     | 164-1 | 15460    | 14909    | 15652    | 15340    | 2.51   | cps   |
| Erbium     | 164-2 | 2647     | 2590     | 2820     | 2686     | 4.46   | cps   |
| Gadolinium | 160-1 | 17654    | 18622    | 18606    | 18294    | 3.03   | cps   |
| Gadolinium | 160-2 | 4327     | 4498     | 4511     | 4445     | 2.30   | cps   |
| Holmium    | 165-1 | 7000487  | 6872854  | 6876075  | 6916472  | 1.05   | cps   |
| Holmium    | 165-2 | 1268506  | 1166182  | 1267560  | 1234083  | 4.77   | cps   |
| Indium     | 115-1 | 5296437  | 5320972  | 5291326  | 5302912  | 0.30   | cps   |
| Indium     | 115-2 | 189863   | 175675   | 190841   | 185459   | 4.58   | cps   |
| Iron       | 56-2  | 14060423 | 14171110 | 13909199 | 14046910 | 0.94   | cps   |
| Iron       | 57-2  | 347215   | 345240   | 344139   | 345532   | 0.45   | cps   |
| Lead       | 206-1 | 473255   | 467864   | 470257   | 470459   | 0.57   | cps   |
| Lead       | 207-1 | 392266   | 391425   | 390773   | 391488   | 0.19   | cps   |
| Lead       | 208-1 | 1836052  | 1828867  | 1826660  | 1830526  | 0.27   | cps   |
| Lithium    | 6-1   | 791313   | 789823   | 795959   | 792365   | 0.40   | cps   |
| Magnesium  | 24-2  | 21943    | 22093    | 21550    | 21862    | 1.28   | cps   |
| Manganese  | 55-2  | 119838   | 120319   | 119758   | 119972   | 0.25   | cps   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB92809             | Operator :        | Jaswal    |
| Lab Sample ID :         | J1224-14            | Instrumnet Name : | P8        |
| Client Sample ID :      | MF6A17              | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2018-01-22 17:07:12 | DataFile Name :   | 062SMPL.d |

| Parameter  | Mass  | CPS1    | CPS2    | CPS3    | CPSMean | CPSRSD | Units |
|------------|-------|---------|---------|---------|---------|--------|-------|
| Molybdenum | 94-1  | 7569    | 7628    | 7261    | 7486    | 2.63   | cps   |
| Molybdenum | 95-1  | 6710    | 6594    | 6877    | 6727    | 2.12   | cps   |
| Molybdenum | 96-1  | 7778    | 8011    | 8386    | 8058    | 3.81   | cps   |
| Molybdenum | 97-1  | 4084    | 4376    | 3959    | 4140    | 5.17   | cps   |
| Molybdenum | 98-1  | 10646   | 10263   | 10196   | 10368   | 2.34   | cps   |
| Neodymium  | 150-1 | 33176   | 32247   | 33122   | 32848   | 1.59   | cps   |
| Neodymium  | 150-2 | 3801    | 3897    | 3904    | 3867    | 1.50   | cps   |
| Nickel     | 60-2  | 3100    | 2960    | 3027    | 3029    | 2.31   | cps   |
| Phosphorus | 31-2  | 58      | 83      | 67      | 69      | 18.33  | cps   |
| Potassium  | 39-2  | 6143    | 6027    | 6002    | 6057    | 1.25   | cps   |
| Rhodium    | 103-1 | 4828193 | 4802524 | 4822939 | 4817885 | 0.28   | cps   |
| Rhodium    | 103-2 | 1134347 | 1049681 | 1132543 | 1105524 | 4.38   | cps   |
| Scandium   | 45-1  | 2652452 | 2636536 | 2634542 | 2641177 | 0.37   | cps   |
| Scandium   | 45-2  | 17167   | 16056   | 17067   | 16764   | 3.67   | cps   |
| Selenium   | 77-2  | 17      | 20      | 13      | 17      | 20.01  | cps   |
| Selenium   | 78-2  | 7       | 17      | 13      | 12      | 37.75  | cps   |
| Selenium   | 82-1  | 222     | 231     | 174     | 209     | 14.57  | cps   |
| Silicon    | 28-1  | 3493335 | 3392556 | 3376681 | 3420857 | 1.85   | cps   |
| Silver     | 109-1 | 708     | 525     | 633     | 622     | 14.81  | cps   |
| Silver     | 107-1 | 517     | 667     | 592     | 592     | 12.68  | cps   |
| Sodium     | 23-2  | 7928    | 7711    | 7602    | 7747    | 2.14   | cps   |
| Strontium  | 86-1  | 32105   | 31086   | 32782   | 31991   | 2.67   | cps   |
| Strontium  | 88-1  | 270517  | 267595  | 271230  | 269780  | 0.71   | cps   |
| Sulfur     | 34-1  | 224116  | 221382  | 219969  | 221822  | 0.95   | cps   |
| Terbium    | 159-1 | 7113123 | 7122704 | 7025079 | 7086969 | 0.76   | cps   |
| Terbium    | 159-2 | 1204764 | 1111940 | 1203453 | 1173386 | 4.54   | cps   |
| Thallium   | 203-1 | 992     | 942     | 1050    | 995     | 5.45   | cps   |
| Thallium   | 205-1 | 2300    | 2667    | 2134    | 2367    | 11.53  | cps   |
| Tin        | 118-1 | 4143    | 4201    | 3926    | 4090    | 3.54   | cps   |
| Titanium   | 47-1  | 15061   | 14777   | 14025   | 14621   | 3.66   | cps   |
| Uranium    | 238-1 | 26312   | 25611   | 26187   | 26037   | 1.44   | cps   |
| Vanadium   | 51-2  | 29518   | 28710   | 28797   | 29008   | 1.53   | cps   |
| Yttrium    | 89-1  | 5498014 | 5484817 | 5507707 | 5496846 | 0.21   | cps   |
| Yttrium    | 89-2  | 138953  | 128801  | 138308  | 135354  | 4.20   | cps   |
| Zinc       | 66-2  | 1870    | 1900    | 1817    | 1862    | 2.27   | cps   |
| Zirconium  | 90-1  | 9754    | 10254   | 10556   | 10188   | 3.97   | cps   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB92809             | Operator :        | Jaswal    |
| Lab Sample ID :         | J1224-14            | Instrumnet Name : | P8        |
| Client Sample ID :      | MF6A17              | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2018-01-22 17:07:12 | DataFile Name :   | 062SMPL.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|-----------|------|------|------|------|---------|--------|-------|
| Zirconium | 91-1 | 3445 | 2125 | 1892 | 2487    | 33.67  | cps   |



|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB92809             | Operator :        | Jaswal    |
| Lab Sample ID :         | J1224-15            | Instrumnet Name : | P8        |
| Client Sample ID :      | MF6A24              | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2018-01-22 17:10:23 | DataFile Name :   | 063SMPL.d |

| Parameter  | Mass  | CPS1    | CPS2    | CPS3    | CPSMean | CPSRSD | Units |
|------------|-------|---------|---------|---------|---------|--------|-------|
| Aluminium  | 27-2  | 45784   | 45733   | 46277   | 45931   | 0.65   | cps   |
| Antimony   | 121-1 | 3584    | 4051    | 3592    | 3742    | 7.14   | cps   |
| Arsenic    | 75-2  | 306     | 365     | 346     | 339     | 8.95   | cps   |
| Barium     | 135-1 | 394017  | 395672  | 395116  | 394935  | 0.21   | cps   |
| Barium     | 137-1 | 700516  | 690479  | 688229  | 693074  | 0.94   | cps   |
| Beryllium  | 9-1   | 833     | 856     | 895     | 861     | 3.59   | cps   |
| Bismuth    | 209-1 | 4833253 | 4850006 | 4818568 | 4833943 | 0.33   | cps   |
| Bismuth    | 209-2 | 1041911 | 1044124 | 1040914 | 1042316 | 0.16   | cps   |
| Boron      | 10-1  | 367     | 275     | 325     | 322     | 14.24  | cps   |
| Boron      | 11-1  | 1292    | 1258    | 1292    | 1281    | 1.50   | cps   |
| Cadmium    | 111-1 | 778     | 788     | 922     | 829     | 9.67   | cps   |
| Cadmium    | 106-1 | 958     | 967     | 1167    | 1031    | 11.45  | cps   |
| Cadmium    | 108-1 | 38      | 25      | 17      | 26      | 39.73  | cps   |
| Calcium    | 43-1  | 26517   | 25850   | 25466   | 25944   | 2.05   | cps   |
| Calcium    | 44-1  | 432893  | 429768  | 429987  | 430883  | 0.40   | cps   |
| Chromium   | 52-2  | 8473    | 7942    | 8112    | 8176    | 3.31   | cps   |
| Cobalt     | 59-2  | 11221   | 11145   | 10921   | 11096   | 1.41   | cps   |
| Copper     | 63-2  | 9333    | 9090    | 9493    | 9305    | 2.18   | cps   |
| Dysprosium | 156-1 | 37480   | 38358   | 37706   | 37848   | 1.20   | cps   |
| Dysprosium | 156-2 | 6819    | 6739    | 6792    | 6783    | 0.60   | cps   |
| Erbium     | 164-1 | 29301   | 27413   | 27580   | 28098   | 3.72   | cps   |
| Erbium     | 164-2 | 4711    | 4898    | 5011    | 4873    | 3.11   | cps   |
| Gadolinium | 160-1 | 34446   | 35792   | 33594   | 34611   | 3.20   | cps   |
| Gadolinium | 160-2 | 8433    | 8813    | 7956    | 8401    | 5.11   | cps   |
| Holmium    | 165-1 | 6880294 | 6903302 | 6856674 | 6880090 | 0.34   | cps   |
| Holmium    | 165-2 | 1266092 | 1262796 | 1251296 | 1260062 | 0.62   | cps   |
| Indium     | 115-1 | 5235588 | 5245644 | 5217114 | 5232782 | 0.28   | cps   |
| Indium     | 115-2 | 190328  | 190596  | 187352  | 189426  | 0.95   | cps   |
| Iron       | 56-2  | 5846363 | 5880890 | 5845670 | 5857641 | 0.34   | cps   |
| Iron       | 57-2  | 146489  | 144760  | 142852  | 144700  | 1.26   | cps   |
| Lead       | 206-1 | 429081  | 429375  | 430715  | 429724  | 0.20   | cps   |
| Lead       | 207-1 | 357082  | 355277  | 353238  | 355199  | 0.54   | cps   |
| Lead       | 208-1 | 1673314 | 1671365 | 1662396 | 1669025 | 0.35   | cps   |
| Lithium    | 6-1   | 787492  | 794900  | 795867  | 792753  | 0.58   | cps   |
| Magnesium  | 24-2  | 31929   | 31653   | 32246   | 31942   | 0.93   | cps   |
| Manganese  | 55-2  | 78770   | 78965   | 78204   | 78646   | 0.50   | cps   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB92809             | Operator :        | Jaswal    |
| Lab Sample ID :         | J1224-15            | Instrumnet Name : | P8        |
| Client Sample ID :      | MF6A24              | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2018-01-22 17:10:23 | DataFile Name :   | 063SMPL.d |

| Parameter  | Mass  | CPS1    | CPS2    | CPS3    | CPSMean | CPSRSD | Units |
|------------|-------|---------|---------|---------|---------|--------|-------|
| Molybdenum | 94-1  | 4760    | 4543    | 4926    | 4743    | 4.06   | cps   |
| Molybdenum | 95-1  | 1984    | 1884    | 2067    | 1978    | 4.64   | cps   |
| Molybdenum | 96-1  | 3067    | 2684    | 3076    | 2942    | 7.61   | cps   |
| Molybdenum | 97-1  | 1158    | 1233    | 1342    | 1245    | 7.41   | cps   |
| Molybdenum | 98-1  | 3025    | 3359    | 3134    | 3173    | 5.36   | cps   |
| Neodymium  | 150-1 | 61344   | 64143   | 62006   | 62498   | 2.34   | cps   |
| Neodymium  | 150-2 | 7085    | 7362    | 7302    | 7250    | 2.01   | cps   |
| Nickel     | 60-2  | 3244    | 3344    | 3524    | 3370    | 4.21   | cps   |
| Phosphorus | 31-2  | 108     | 108     | 192     | 136     | 35.35  | cps   |
| Potassium  | 39-2  | 6527    | 6977    | 6435    | 6646    | 4.36   | cps   |
| Rhodium    | 103-1 | 4873357 | 4821688 | 4757773 | 4817606 | 1.20   | cps   |
| Rhodium    | 103-2 | 1125714 | 1131237 | 1115180 | 1124044 | 0.73   | cps   |
| Scandium   | 45-1  | 2639913 | 2641423 | 2605662 | 2628999 | 0.77   | cps   |
| Scandium   | 45-2  | 16700   | 16750   | 17394   | 16948   | 2.28   | cps   |
| Selenium   | 77-2  | 27      | 10      | 40      | 26      | 58.81  | cps   |
| Selenium   | 78-2  | 17      | 22      | 6       | 15      | 57.25  | cps   |
| Selenium   | 82-1  | 154     | 117     | 166     | 145     | 17.62  | cps   |
| Silicon    | 28-1  | 4060421 | 4285798 | 7066569 | 5137596 | 32.59  | cps   |
| Silver     | 109-1 | 1767    | 1534    | 1642    | 1647    | 7.09   | cps   |
| Silver     | 107-1 | 1809    | 1942    | 1825    | 1859    | 3.91   | cps   |
| Sodium     | 23-2  | 9612    | 9971    | 9187    | 9590    | 4.09   | cps   |
| Strontium  | 86-1  | 38731   | 38923   | 38748   | 38800   | 0.27   | cps   |
| Strontium  | 88-1  | 333936  | 327983  | 331253  | 331057  | 0.90   | cps   |
| Sulfur     | 34-1  | 218115  | 216525  | 211043  | 215228  | 1.72   | cps   |
| Terbium    | 159-1 | 7115399 | 7078767 | 7051886 | 7082017 | 0.45   | cps   |
| Terbium    | 159-2 | 1201524 | 1201262 | 1195032 | 1199273 | 0.31   | cps   |
| Thallium   | 203-1 | 1650    | 1567    | 1542    | 1586    | 3.58   | cps   |
| Thallium   | 205-1 | 4168    | 4017    | 3934    | 4040    | 2.93   | cps   |
| Tin        | 118-1 | 4943    | 4918    | 5060    | 4973    | 1.52   | cps   |
| Titanium   | 47-1  | 14278   | 18751   | 12941   | 15323   | 19.86  | cps   |
| Uranium    | 238-1 | 47910   | 46196   | 46906   | 47004   | 1.83   | cps   |
| Vanadium   | 51-2  | 12899   | 12616   | 12032   | 12516   | 3.53   | cps   |
| Yttrium    | 89-1  | 5715748 | 5631493 | 5597499 | 5648247 | 1.08   | cps   |
| Yttrium    | 89-2  | 143586  | 145956  | 144108  | 144550  | 0.86   | cps   |
| Zinc       | 66-2  | 3571    | 3420    | 3751    | 3581    | 4.62   | cps   |
| Zirconium  | 90-1  | 11419   | 10489   | 10413   | 10774   | 5.20   | cps   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB92809             | Operator :        | Jaswal    |
| Lab Sample ID :         | J1224-15            | Instrumnet Name : | P8        |
| Client Sample ID :      | MF6A24              | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2018-01-22 17:10:23 | DataFile Name :   | 063SMPL.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|-----------|------|------|------|------|---------|--------|-------|
| Zirconium | 91-1 | 2551 | 3469 | 2250 | 2757    | 23.03  | cps   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB92809             | Operator :        | Jaswal    |
| Lab Sample ID :         | J1224-16            | Instrumnet Name : | P8        |
| Client Sample ID :      | MF6A13              | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2018-01-22 17:13:33 | DataFile Name :   | 064SMPL.d |

| Parameter  | Mass  | CPS1    | CPS2    | CPS3    | CPSMean | CPSRSD | Units |
|------------|-------|---------|---------|---------|---------|--------|-------|
| Aluminium  | 27-2  | 32588   | 33257   | 32372   | 32739   | 1.41   | cps   |
| Antimony   | 121-1 | 2042    | 1784    | 1850    | 1892    | 7.09   | cps   |
| Arsenic    | 75-2  | 270     | 224     | 226     | 240     | 10.92  | cps   |
| Barium     | 135-1 | 448741  | 445386  | 438173  | 444100  | 1.22   | cps   |
| Barium     | 137-1 | 776414  | 771859  | 773888  | 774054  | 0.29   | cps   |
| Beryllium  | 9-1   | 806     | 767     | 817     | 796     | 3.30   | cps   |
| Bismuth    | 209-1 | 4791371 | 4779811 | 4744992 | 4772058 | 0.51   | cps   |
| Bismuth    | 209-2 | 1031688 | 1025918 | 1028436 | 1028681 | 0.28   | cps   |
| Boron      | 10-1  | 242     | 367     | 325     | 311     | 20.46  | cps   |
| Boron      | 11-1  | 1383    | 1517    | 1650    | 1517    | 8.79   | cps   |
| Cadmium    | 111-1 | 1226    | 1098    | 1292    | 1205    | 8.19   | cps   |
| Cadmium    | 106-1 | 1100    | 967     | 1083    | 1050    | 6.92   | cps   |
| Cadmium    | 108-1 | 63      | 71      | 71      | 68      | 7.07   | cps   |
| Calcium    | 43-1  | 44513   | 43878   | 43903   | 44098   | 0.82   | cps   |
| Calcium    | 44-1  | 719144  | 709906  | 717657  | 715569  | 0.69   | cps   |
| Chromium   | 52-2  | 5755    | 5958    | 5768    | 5827    | 1.95   | cps   |
| Cobalt     | 59-2  | 6788    | 6705    | 6718    | 6737    | 0.66   | cps   |
| Copper     | 63-2  | 12729   | 12906   | 12479   | 12705   | 1.69   | cps   |
| Dysprosium | 156-1 | 33770   | 35190   | 34112   | 34357   | 2.16   | cps   |
| Dysprosium | 156-2 | 6688    | 6402    | 6618    | 6570    | 2.28   | cps   |
| Erbium     | 164-1 | 27146   | 26511   | 26570   | 26742   | 1.31   | cps   |
| Erbium     | 164-2 | 4598    | 4584    | 4521    | 4568    | 0.90   | cps   |
| Gadolinium | 160-1 | 31932   | 32049   | 31865   | 31948   | 0.29   | cps   |
| Gadolinium | 160-2 | 7953    | 8223    | 8033    | 8069    | 1.72   | cps   |
| Holmium    | 165-1 | 6828695 | 6757685 | 6825958 | 6804113 | 0.59   | cps   |
| Holmium    | 165-2 | 1239758 | 1244448 | 1237605 | 1240604 | 0.28   | cps   |
| Indium     | 115-1 | 5173018 | 5164683 | 5222099 | 5186600 | 0.60   | cps   |
| Indium     | 115-2 | 187257  | 185355  | 183838  | 185483  | 0.92   | cps   |
| Iron       | 56-2  | 3256724 | 3270156 | 3232859 | 3253246 | 0.58   | cps   |
| Iron       | 57-2  | 78996   | 80068   | 79101   | 79388   | 0.74   | cps   |
| Lead       | 206-1 | 162576  | 164962  | 166234  | 164591  | 1.13   | cps   |
| Lead       | 207-1 | 136997  | 137772  | 136184  | 136984  | 0.58   | cps   |
| Lead       | 208-1 | 639200  | 641931  | 644285  | 641805  | 0.40   | cps   |
| Lithium    | 6-1   | 774544  | 776627  | 779454  | 776875  | 0.32   | cps   |
| Magnesium  | 24-2  | 22677   | 22594   | 22861   | 22711   | 0.60   | cps   |
| Manganese  | 55-2  | 65178   | 64639   | 64130   | 64649   | 0.81   | cps   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB92809             | Operator :        | Jaswal    |
| Lab Sample ID :         | J1224-16            | Instrumnet Name : | P8        |
| Client Sample ID :      | MF6A13              | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2018-01-22 17:13:33 | DataFile Name :   | 064SMPL.d |

| Parameter  | Mass  | CPS1    | CPS2    | CPS3    | CPSMean | CPSRSD | Units |
|------------|-------|---------|---------|---------|---------|--------|-------|
| Molybdenum | 94-1  | 4968    | 5135    | 5603    | 5235    | 6.29   | cps   |
| Molybdenum | 95-1  | 1483    | 1383    | 1267    | 1378    | 7.87   | cps   |
| Molybdenum | 96-1  | 2067    | 3518    | 2375    | 2653    | 28.80  | cps   |
| Molybdenum | 97-1  | 833     | 925     | 950     | 903     | 6.80   | cps   |
| Molybdenum | 98-1  | 2117    | 2117    | 2125    | 2120    | 0.23   | cps   |
| Neodymium  | 150-1 | 57493   | 58209   | 57379   | 57694   | 0.78   | cps   |
| Neodymium  | 150-2 | 6498    | 6785    | 6678    | 6654    | 2.18   | cps   |
| Nickel     | 60-2  | 3220    | 3080    | 3277    | 3193    | 3.17   | cps   |
| Phosphorus | 31-2  | 108     | 167     | 150     | 142     | 21.21  | cps   |
| Potassium  | 39-2  | 8153    | 7794    | 8194    | 8047    | 2.73   | cps   |
| Rhodium    | 103-1 | 4698388 | 4709827 | 4746542 | 4718252 | 0.53   | cps   |
| Rhodium    | 103-2 | 1112943 | 1097346 | 1098687 | 1102992 | 0.78   | cps   |
| Scandium   | 45-1  | 2583001 | 2581457 | 2577028 | 2580495 | 0.12   | cps   |
| Scandium   | 45-2  | 16383   | 16176   | 16376   | 16312   | 0.72   | cps   |
| Selenium   | 77-2  | 17      | 40      | 37      | 31      | 40.56  | cps   |
| Selenium   | 78-2  | 9       | 11      | 20      | 14      | 43.83  | cps   |
| Selenium   | 82-1  | 58      | 31      | 27      | 39      | 43.91  | cps   |
| Silicon    | 28-1  | 5606685 | 4754197 | 5207792 | 5189558 | 8.22   | cps   |
| Silver     | 109-1 | 958     | 983     | 900     | 947     | 4.51   | cps   |
| Silver     | 107-1 | 917     | 950     | 967     | 945     | 2.70   | cps   |
| Sodium     | 23-2  | 8728    | 8545    | 8378    | 8550    | 2.05   | cps   |
| Strontium  | 86-1  | 42007   | 42166   | 41522   | 41899   | 0.80   | cps   |
| Strontium  | 88-1  | 355832  | 358416  | 359069  | 357772  | 0.48   | cps   |
| Sulfur     | 34-1  | 215882  | 216602  | 215578  | 216020  | 0.24   | cps   |
| Terbium    | 159-1 | 7016817 | 6916226 | 6975847 | 6969630 | 0.73   | cps   |
| Terbium    | 159-2 | 1189178 | 1176214 | 1183012 | 1182801 | 0.55   | cps   |
| Thallium   | 203-1 | 1358    | 1292    | 1250    | 1300    | 4.20   | cps   |
| Thallium   | 205-1 | 2709    | 2950    | 2909    | 2856    | 4.52   | cps   |
| Tin        | 118-1 | 4084    | 4568    | 4559    | 4404    | 6.29   | cps   |
| Titanium   | 47-1  | 13809   | 14853   | 15106   | 14589   | 4.71   | cps   |
| Uranium    | 238-1 | 43393   | 42565   | 42223   | 42727   | 1.41   | cps   |
| Vanadium   | 51-2  | 10034   | 10344   | 10321   | 10233   | 1.69   | cps   |
| Yttrium    | 89-1  | 5558984 | 5518673 | 5515968 | 5531208 | 0.44   | cps   |
| Yttrium    | 89-2  | 139348  | 138886  | 139675  | 139303  | 0.28   | cps   |
| Zinc       | 66-2  | 4354    | 4301    | 4224    | 4293    | 1.52   | cps   |
| Zirconium  | 90-1  | 11999   | 9788    | 11632   | 11140   | 10.64  | cps   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB92809             | Operator :        | Jaswal    |
| Lab Sample ID :         | J1224-16            | Instrumnet Name : | P8        |
| Client Sample ID :      | MF6A13              | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2018-01-22 17:13:33 | DataFile Name :   | 064SMPL.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|-----------|------|------|------|------|---------|--------|-------|
| Zirconium | 91-1 | 2509 | 2384 | 2359 | 2417    | 3.33   | cps   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB92809             | Operator :        | Jaswal    |
| Lab Sample ID :         | J1224-17            | Instrumnet Name : | P8        |
| Client Sample ID :      | MF6A14              | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2018-01-22 17:16:44 | DataFile Name :   | 065SMPL.d |

| Parameter  | Mass  | CPS1    | CPS2    | CPS3    | CPSMean | CPSRSD | Units |
|------------|-------|---------|---------|---------|---------|--------|-------|
| Aluminium  | 27-2  | 34744   | 35446   | 34777   | 34989   | 1.13   | cps   |
| Antimony   | 121-1 | 1400    | 1342    | 1542    | 1428    | 7.20   | cps   |
| Arsenic    | 75-2  | 122     | 135     | 117     | 125     | 7.62   | cps   |
| Barium     | 135-1 | 622099  | 617001  | 616946  | 618682  | 0.48   | cps   |
| Barium     | 137-1 | 1086610 | 1082850 | 1078066 | 1082509 | 0.40   | cps   |
| Beryllium  | 9-1   | 756     | 861     | 967     | 861     | 12.26  | cps   |
| Bismuth    | 209-1 | 4845417 | 4761605 | 4742738 | 4783253 | 1.14   | cps   |
| Bismuth    | 209-2 | 1030178 | 1031654 | 1031217 | 1031016 | 0.07   | cps   |
| Boron      | 10-1  | 258     | 217     | 208     | 228     | 11.76  | cps   |
| Boron      | 11-1  | 1458    | 1267    | 1358    | 1361    | 7.04   | cps   |
| Cadmium    | 111-1 | 1025    | 1244    | 1034    | 1101    | 11.26  | cps   |
| Cadmium    | 106-1 | 842     | 1050    | 867     | 920     | 12.37  | cps   |
| Cadmium    | 108-1 | 50      | 58      | 50      | 53      | 9.11   | cps   |
| Calcium    | 43-1  | 60339   | 60339   | 60799   | 60492   | 0.44   | cps   |
| Calcium    | 44-1  | 993059  | 991803  | 983003  | 989288  | 0.55   | cps   |
| Chromium   | 52-2  | 8243    | 8376    | 8193    | 8270    | 1.15   | cps   |
| Cobalt     | 59-2  | 3180    | 3360    | 3197    | 3246    | 3.07   | cps   |
| Copper     | 63-2  | 13480   | 13290   | 13634   | 13468   | 1.28   | cps   |
| Dysprosium | 156-1 | 31121   | 30997   | 31180   | 31099   | 0.30   | cps   |
| Dysprosium | 156-2 | 6078    | 5725    | 5758    | 5854    | 3.33   | cps   |
| Erbium     | 164-1 | 24583   | 23873   | 23689   | 24048   | 1.96   | cps   |
| Erbium     | 164-2 | 4374    | 4101    | 4141    | 4205    | 3.51   | cps   |
| Gadolinium | 160-1 | 29292   | 28098   | 27989   | 28460   | 2.54   | cps   |
| Gadolinium | 160-2 | 7379    | 7462    | 6919    | 7253    | 4.04   | cps   |
| Holmium    | 165-1 | 6757170 | 6784601 | 6790420 | 6777397 | 0.26   | cps   |
| Holmium    | 165-2 | 1238917 | 1241530 | 1240807 | 1240418 | 0.11   | cps   |
| Indium     | 115-1 | 5195726 | 5167442 | 5181973 | 5181714 | 0.27   | cps   |
| Indium     | 115-2 | 186179  | 186860  | 186295  | 186444  | 0.20   | cps   |
| Iron       | 56-2  | 1781772 | 1760083 | 1774352 | 1772069 | 0.62   | cps   |
| Iron       | 57-2  | 42214   | 42421   | 43429   | 42688   | 1.52   | cps   |
| Lead       | 206-1 | 159017  | 157099  | 157604  | 157907  | 0.63   | cps   |
| Lead       | 207-1 | 132462  | 131888  | 129173  | 131174  | 1.34   | cps   |
| Lead       | 208-1 | 616104  | 613981  | 606077  | 612054  | 0.86   | cps   |
| Lithium    | 6-1   | 779832  | 779784  | 775093  | 778236  | 0.35   | cps   |
| Magnesium  | 24-2  | 23487   | 24188   | 24414   | 24029   | 2.01   | cps   |
| Manganese  | 55-2  | 42441   | 42501   | 42832   | 42592   | 0.49   | cps   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB92809             | Operator :        | Jaswal    |
| Lab Sample ID :         | J1224-17            | Instrumnet Name : | P8        |
| Client Sample ID :      | MF6A14              | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2018-01-22 17:16:44 | DataFile Name :   | 065SMPL.d |

| Parameter  | Mass  | CPS1    | CPS2    | CPS3    | CPSMean | CPSRSD | Units |
|------------|-------|---------|---------|---------|---------|--------|-------|
| Molybdenum | 94-1  | 5778    | 6975    | 5437    | 6063    | 13.32  | cps   |
| Molybdenum | 95-1  | 1192    | 1492    | 1358    | 1347    | 11.16  | cps   |
| Molybdenum | 96-1  | 2384    | 2025    | 2317    | 2242    | 8.50   | cps   |
| Molybdenum | 97-1  | 850     | 908     | 717     | 825     | 11.91  | cps   |
| Molybdenum | 98-1  | 2159    | 2334    | 2459    | 2317    | 6.51   | cps   |
| Neodymium  | 150-1 | 49955   | 49648   | 50765   | 50123   | 1.15   | cps   |
| Neodymium  | 150-2 | 5981    | 5895    | 5491    | 5789    | 4.52   | cps   |
| Nickel     | 60-2  | 2910    | 2787    | 2960    | 2886    | 3.09   | cps   |
| Phosphorus | 31-2  | 117     | 100     | 83      | 100     | 16.66  | cps   |
| Potassium  | 39-2  | 8128    | 8069    | 8536    | 8244    | 3.09   | cps   |
| Rhodium    | 103-1 | 4751123 | 4735072 | 4668272 | 4718156 | 0.93   | cps   |
| Rhodium    | 103-2 | 1105704 | 1101411 | 1103304 | 1103473 | 0.19   | cps   |
| Scandium   | 45-1  | 2595074 | 2515094 | 2545043 | 2551737 | 1.58   | cps   |
| Scandium   | 45-2  | 16543   | 17117   | 16707   | 16789   | 1.76   | cps   |
| Selenium   | 77-2  | 23      | 27      | 23      | 24      | 7.89   | cps   |
| Selenium   | 78-2  | 7       | 13      | 11      | 10      | 26.93  | cps   |
| Selenium   | 82-1  | 31      | 127     | 172     | 110     | 65.54  | cps   |
| Silicon    | 28-1  | 6142695 | 5554631 | 5342394 | 5679907 | 7.30   | cps   |
| Silver     | 109-1 | 1033    | 933     | 942     | 970     | 5.72   | cps   |
| Silver     | 107-1 | 1092    | 992     | 1008    | 1031    | 5.20   | cps   |
| Sodium     | 23-2  | 8411    | 7911    | 8328    | 8217    | 3.26   | cps   |
| Strontium  | 86-1  | 53756   | 54520   | 53179   | 53818   | 1.25   | cps   |
| Strontium  | 88-1  | 468916  | 473399  | 465612  | 469309  | 0.83   | cps   |
| Sulfur     | 34-1  | 218420  | 212472  | 215055  | 215316  | 1.39   | cps   |
| Terbium    | 159-1 | 7054310 | 6986884 | 6962215 | 7001136 | 0.68   | cps   |
| Terbium    | 159-2 | 1188363 | 1184816 | 1181256 | 1184812 | 0.30   | cps   |
| Thallium   | 203-1 | 1075    | 1233    | 1258    | 1189    | 8.36   | cps   |
| Thallium   | 205-1 | 2867    | 2942    | 2884    | 2898    | 1.36   | cps   |
| Tin        | 118-1 | 4968    | 4543    | 4418    | 4643    | 6.21   | cps   |
| Titanium   | 47-1  | 28975   | 13602   | 73256   | 38611   | 80.22  | cps   |
| Uranium    | 238-1 | 39288   | 39188   | 39112   | 39196   | 0.22   | cps   |
| Vanadium   | 51-2  | 6312    | 6175    | 6555    | 6347    | 3.03   | cps   |
| Yttrium    | 89-1  | 5479497 | 5420342 | 5496257 | 5465365 | 0.73   | cps   |
| Yttrium    | 89-2  | 140032  | 138877  | 138466  | 139125  | 0.58   | cps   |
| Zinc       | 66-2  | 3811    | 3874    | 3891    | 3858    | 1.09   | cps   |
| Zirconium  | 90-1  | 14333   | 12041   | 11841   | 12738   | 10.87  | cps   |



|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB92809             | Operator :        | Jaswal    |
| Lab Sample ID :         | J1224-17            | Instrumnet Name : | P8        |
| Client Sample ID :      | MF6A14              | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2018-01-22 17:16:44 | DataFile Name :   | 065SMPL.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|-----------|------|------|------|------|---------|--------|-------|
| Zirconium | 91-1 | 3168 | 3772 | 3637 | 3525    | 9.00   | cps   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB92809             | Operator :        | Jaswal    |
| Lab Sample ID :         | J1224-18            | Instrumnet Name : | P8        |
| Client Sample ID :      | MF6A15              | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2018-01-22 17:19:54 | DataFile Name :   | 066SMPL.d |

| Parameter  | Mass  | CPS1    | CPS2    | CPS3    | CPSMean | CPSRSD | Units |
|------------|-------|---------|---------|---------|---------|--------|-------|
| Aluminium  | 27-2  | 31360   | 31469   | 32063   | 31631   | 1.19   | cps   |
| Antimony   | 121-1 | 4693    | 4418    | 4618    | 4576    | 3.11   | cps   |
| Arsenic    | 75-2  | 241     | 243     | 250     | 244     | 2.00   | cps   |
| Barium     | 135-1 | 716770  | 716307  | 714405  | 715827  | 0.18   | cps   |
| Barium     | 137-1 | 1254695 | 1243274 | 1248206 | 1248725 | 0.46   | cps   |
| Beryllium  | 9-1   | 878     | 872     | 933     | 895     | 3.78   | cps   |
| Bismuth    | 209-1 | 4813805 | 4796529 | 4758143 | 4789492 | 0.59   | cps   |
| Bismuth    | 209-2 | 1035895 | 1027684 | 1037241 | 1033606 | 0.50   | cps   |
| Boron      | 10-1  | 350     | 475     | 417     | 414     | 15.11  | cps   |
| Boron      | 11-1  | 1875    | 2084    | 2059    | 2006    | 5.67   | cps   |
| Cadmium    | 111-1 | 1354    | 1481    | 1524    | 1453    | 6.09   | cps   |
| Cadmium    | 106-1 | 1008    | 1025    | 1158    | 1064    | 7.73   | cps   |
| Cadmium    | 108-1 | 104     | 58      | 113     | 92      | 31.82  | cps   |
| Calcium    | 43-1  | 120574  | 123768  | 123481  | 122607  | 1.44   | cps   |
| Calcium    | 44-1  | 2046357 | 2053869 | 2044596 | 2048274 | 0.24   | cps   |
| Chromium   | 52-2  | 6031    | 5901    | 5761    | 5898    | 2.29   | cps   |
| Cobalt     | 59-2  | 7395    | 7145    | 7372    | 7304    | 1.89   | cps   |
| Copper     | 63-2  | 14508   | 14621   | 14381   | 14503   | 0.83   | cps   |
| Dysprosium | 156-1 | 35315   | 35224   | 35173   | 35237   | 0.20   | cps   |
| Dysprosium | 156-2 | 6438    | 6542    | 6775    | 6585    | 2.62   | cps   |
| Erbium     | 164-1 | 26336   | 26436   | 25718   | 26163   | 1.49   | cps   |
| Erbium     | 164-2 | 4651    | 4558    | 4774    | 4661    | 2.33   | cps   |
| Gadolinium | 160-1 | 31364   | 32358   | 31932   | 31884   | 1.56   | cps   |
| Gadolinium | 160-2 | 7726    | 8049    | 7792    | 7856    | 2.17   | cps   |
| Holmium    | 165-1 | 6744823 | 6718036 | 6820482 | 6761114 | 0.79   | cps   |
| Holmium    | 165-2 | 1248797 | 1235806 | 1249050 | 1244551 | 0.61   | cps   |
| Indium     | 115-1 | 5238899 | 5148941 | 5252672 | 5213504 | 1.08   | cps   |
| Indium     | 115-2 | 187171  | 185080  | 187288  | 186513  | 0.67   | cps   |
| Iron       | 56-2  | 3938730 | 3910280 | 3943634 | 3930881 | 0.46   | cps   |
| Iron       | 57-2  | 96678   | 95962   | 96141   | 96260   | 0.39   | cps   |
| Lead       | 206-1 | 513716  | 515716  | 517602  | 515678  | 0.38   | cps   |
| Lead       | 207-1 | 426524  | 425465  | 425533  | 425840  | 0.14   | cps   |
| Lead       | 208-1 | 1993719 | 1991775 | 1993006 | 1992834 | 0.05   | cps   |
| Lithium    | 6-1   | 773235  | 775114  | 781795  | 776714  | 0.58   | cps   |
| Magnesium  | 24-2  | 22894   | 23094   | 23971   | 23320   | 2.46   | cps   |
| Manganese  | 55-2  | 135937  | 135204  | 136361  | 135834  | 0.43   | cps   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB92809             | Operator :        | Jaswal    |
| Lab Sample ID :         | J1224-18            | Instrumnet Name : | P8        |
| Client Sample ID :      | MF6A15              | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2018-01-22 17:19:54 | DataFile Name :   | 066SMPL.d |

| Parameter  | Mass  | CPS1    | CPS2    | CPS3    | CPSMean | CPSRSD | Units |
|------------|-------|---------|---------|---------|---------|--------|-------|
| Molybdenum | 94-1  | 6685    | 6936    | 6986    | 6869    | 2.34   | cps   |
| Molybdenum | 95-1  | 1442    | 1367    | 1709    | 1506    | 11.93  | cps   |
| Molybdenum | 96-1  | 2425    | 2317    | 2800    | 2514    | 10.09  | cps   |
| Molybdenum | 97-1  | 883     | 808     | 758     | 817     | 7.70   | cps   |
| Molybdenum | 98-1  | 2267    | 1992    | 2134    | 2131    | 6.46   | cps   |
| Neodymium  | 150-1 | 54808   | 56087   | 55846   | 55580   | 1.22   | cps   |
| Neodymium  | 150-2 | 6622    | 6472    | 6635    | 6576    | 1.38   | cps   |
| Nickel     | 60-2  | 4034    | 4101    | 4067    | 4067    | 0.82   | cps   |
| Phosphorus | 31-2  | 200     | 167     | 175     | 181     | 9.61   | cps   |
| Potassium  | 39-2  | 6260    | 6669    | 6385    | 6438    | 3.25   | cps   |
| Rhodium    | 103-1 | 4677331 | 4733965 | 4762603 | 4724633 | 0.92   | cps   |
| Rhodium    | 103-2 | 1114720 | 1099972 | 1110030 | 1108241 | 0.68   | cps   |
| Scandium   | 45-1  | 2541522 | 2545221 | 2567611 | 2551451 | 0.55   | cps   |
| Scandium   | 45-2  | 16817   | 16363   | 16834   | 16671   | 1.60   | cps   |
| Selenium   | 77-2  | 7       | 17      | 23      | 16      | 53.90  | cps   |
| Selenium   | 78-2  | 20      | 11      | 20      | 17      | 30.93  | cps   |
| Selenium   | 82-1  | 13      | 111     | 20      | 48      | 114.11 | cps   |
| Silicon    | 28-1  | 4984076 | 6126178 | 5253326 | 5454527 | 10.95  | cps   |
| Silver     | 109-1 | 1350    | 1433    | 1450    | 1411    | 3.80   | cps   |
| Silver     | 107-1 | 1533    | 1342    | 1567    | 1481    | 8.20   | cps   |
| Sodium     | 23-2  | 8136    | 9626    | 8378    | 8713    | 9.18   | cps   |
| Strontium  | 86-1  | 80437   | 79548   | 78861   | 79615   | 0.99   | cps   |
| Strontium  | 88-1  | 695659  | 695260  | 690420  | 693780  | 0.42   | cps   |
| Sulfur     | 34-1  | 218462  | 217217  | 217447  | 217709  | 0.30   | cps   |
| Terbium    | 159-1 | 6964076 | 7017827 | 7007832 | 6996578 | 0.41   | cps   |
| Terbium    | 159-2 | 1194807 | 1177365 | 1183247 | 1185140 | 0.75   | cps   |
| Thallium   | 203-1 | 1300    | 1300    | 1142    | 1247    | 7.33   | cps   |
| Thallium   | 205-1 | 2600    | 2417    | 2742    | 2587    | 6.30   | cps   |
| Tin        | 118-1 | 4884    | 4818    | 5176    | 4959    | 3.84   | cps   |
| Titanium   | 47-1  | 20970   | 15148   | 19508   | 18542   | 16.34  | cps   |
| Uranium    | 238-1 | 35853   | 35493   | 36112   | 35819   | 0.87   | cps   |
| Vanadium   | 51-2  | 8596    | 8659    | 8516    | 8591    | 0.84   | cps   |
| Yttrium    | 89-1  | 5575606 | 5524230 | 5592149 | 5563995 | 0.64   | cps   |
| Yttrium    | 89-2  | 141649  | 138712  | 140288  | 140217  | 1.05   | cps   |
| Zinc       | 66-2  | 3561    | 3354    | 3537    | 3484    | 3.25   | cps   |
| Zirconium  | 90-1  | 16944   | 19774   | 15677   | 17465   | 12.01  | cps   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB92809             | Operator :        | Jaswal    |
| Lab Sample ID :         | J1224-18            | Instrumnet Name : | P8        |
| Client Sample ID :      | MF6A15              | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2018-01-22 17:19:54 | DataFile Name :   | 066SMPL.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|-----------|------|------|------|------|---------|--------|-------|
| Zirconium | 91-1 | 3659 | 3626 | 3317 | 3534    | 5.33   | cps   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB92809             | Operator :        | Jaswal    |
| Lab Sample ID :         | J1224-19            | Instrumnet Name : | P8        |
| Client Sample ID :      | MF6A18              | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2018-01-22 17:23:04 | DataFile Name :   | 067SMPL.d |

| Parameter  | Mass  | CPS1    | CPS2    | CPS3    | CPSMean | CPSRSD | Units |
|------------|-------|---------|---------|---------|---------|--------|-------|
| Aluminium  | 27-2  | 22160   | 23112   | 22761   | 22677   | 2.12   | cps   |
| Antimony   | 121-1 | 933     | 958     | 942     | 945     | 1.35   | cps   |
| Arsenic    | 75-2  | 126     | 122     | 100     | 116     | 12.08  | cps   |
| Barium     | 135-1 | 409342  | 408796  | 411331  | 409823  | 0.33   | cps   |
| Barium     | 137-1 | 711780  | 714967  | 712610  | 713119  | 0.23   | cps   |
| Beryllium  | 9-1   | 694     | 567     | 567     | 609     | 12.11  | cps   |
| Bismuth    | 209-1 | 4853643 | 4825446 | 4731887 | 4803659 | 1.33   | cps   |
| Bismuth    | 209-2 | 1041504 | 1030952 | 1029544 | 1034000 | 0.63   | cps   |
| Boron      | 10-1  | 233     | 350     | 283     | 289     | 20.26  | cps   |
| Boron      | 11-1  | 1517    | 1225    | 1525    | 1422    | 12.01  | cps   |
| Cadmium    | 111-1 | 1115    | 1363    | 1282    | 1253    | 10.11  | cps   |
| Cadmium    | 106-1 | 883     | 933     | 825     | 881     | 6.16   | cps   |
| Cadmium    | 108-1 | 71      | 46      | 71      | 63      | 23.10  | cps   |
| Calcium    | 43-1  | 47440   | 46863   | 46294   | 46865   | 1.22   | cps   |
| Calcium    | 44-1  | 772393  | 766850  | 767348  | 768864  | 0.40   | cps   |
| Chromium   | 52-2  | 3671    | 3621    | 3927    | 3739    | 4.40   | cps   |
| Cobalt     | 59-2  | 2874    | 2924    | 2907    | 2901    | 0.88   | cps   |
| Copper     | 63-2  | 7609    | 7415    | 7822    | 7616    | 2.67   | cps   |
| Dysprosium | 156-1 | 22028   | 21110   | 21402   | 21513   | 2.18   | cps   |
| Dysprosium | 156-2 | 4121    | 3904    | 4217    | 4081    | 3.93   | cps   |
| Erbium     | 164-1 | 15802   | 16528   | 16945   | 16425   | 3.52   | cps   |
| Erbium     | 164-2 | 2910    | 2800    | 2804    | 2838    | 2.21   | cps   |
| Gadolinium | 160-1 | 19507   | 19891   | 19691   | 19696   | 0.97   | cps   |
| Gadolinium | 160-2 | 4858    | 4888    | 4974    | 4907    | 1.24   | cps   |
| Holmium    | 165-1 | 6741978 | 6903699 | 6684861 | 6776846 | 1.67   | cps   |
| Holmium    | 165-2 | 1259177 | 1249510 | 1250290 | 1252992 | 0.43   | cps   |
| Indium     | 115-1 | 5251332 | 5252483 | 5150207 | 5218007 | 1.13   | cps   |
| Indium     | 115-2 | 188784  | 187092  | 187522  | 187799  | 0.47   | cps   |
| Iron       | 56-2  | 1708418 | 1721526 | 1738413 | 1722786 | 0.87   | cps   |
| Iron       | 57-2  | 41044   | 40755   | 42989   | 41596   | 2.92   | cps   |
| Lead       | 206-1 | 105787  | 105138  | 107669  | 106198  | 1.24   | cps   |
| Lead       | 207-1 | 87863   | 87724   | 89066   | 88218   | 0.84   | cps   |
| Lead       | 208-1 | 415483  | 410526  | 416857  | 414289  | 0.80   | cps   |
| Lithium    | 6-1   | 769907  | 783335  | 763643  | 772295  | 1.30   | cps   |
| Magnesium  | 24-2  | 18112   | 16302   | 17253   | 17222   | 5.26   | cps   |
| Manganese  | 55-2  | 27567   | 27978   | 27578   | 27708   | 0.85   | cps   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB92809             | Operator :        | Jaswal    |
| Lab Sample ID :         | J1224-19            | Instrumnet Name : | P8        |
| Client Sample ID :      | MF6A18              | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2018-01-22 17:23:04 | DataFile Name :   | 067SMPL.d |

| Parameter  | Mass  | CPS1    | CPS2    | CPS3    | CPSMean | CPSRSD | Units |
|------------|-------|---------|---------|---------|---------|--------|-------|
| Molybdenum | 94-1  | 3817    | 4143    | 4924    | 4295    | 13.24  | cps   |
| Molybdenum | 95-1  | 1175    | 817     | 883     | 958     | 19.89  | cps   |
| Molybdenum | 96-1  | 2009    | 1825    | 1825    | 1886    | 5.62   | cps   |
| Molybdenum | 97-1  | 625     | 683     | 617     | 642     | 5.66   | cps   |
| Molybdenum | 98-1  | 1659    | 1750    | 1575    | 1661    | 5.27   | cps   |
| Neodymium  | 150-1 | 33998   | 34874   | 34419   | 34430   | 1.27   | cps   |
| Neodymium  | 150-2 | 4251    | 4117    | 4104    | 4157    | 1.95   | cps   |
| Nickel     | 60-2  | 2374    | 2540    | 2680    | 2531    | 6.07   | cps   |
| Phosphorus | 31-2  | 58      | 142     | 117     | 106     | 40.51  | cps   |
| Potassium  | 39-2  | 6727    | 7127    | 7052    | 6969    | 3.05   | cps   |
| Rhodium    | 103-1 | 4735827 | 4803692 | 4615258 | 4718259 | 2.02   | cps   |
| Rhodium    | 103-2 | 1110129 | 1110481 | 1113822 | 1111477 | 0.18   | cps   |
| Scandium   | 45-1  | 2528635 | 2549107 | 2507340 | 2528361 | 0.83   | cps   |
| Scandium   | 45-2  | 16433   | 16557   | 16159   | 16383   | 1.24   | cps   |
| Selenium   | 77-2  | 27      | 27      | 20      | 24      | 15.75  | cps   |
| Selenium   | 78-2  | 11      | 4       | 11      | 9       | 49.52  | cps   |
| Selenium   | 82-1  | 71      | 49      | 128     | 83      | 49.34  | cps   |
| Silicon    | 28-1  | 3726286 | 4193202 | 5077917 | 4332469 | 15.85  | cps   |
| Silver     | 109-1 | 667     | 758     | 750     | 725     | 6.99   | cps   |
| Silver     | 107-1 | 700     | 800     | 667     | 722     | 9.61   | cps   |
| Sodium     | 23-2  | 8069    | 7477    | 8086    | 7878    | 4.40   | cps   |
| Strontium  | 86-1  | 40269   | 39918   | 39391   | 39859   | 1.11   | cps   |
| Strontium  | 88-1  | 348447  | 350363  | 346538  | 348450  | 0.55   | cps   |
| Sulfur     | 34-1  | 221636  | 217470  | 215830  | 218312  | 1.37   | cps   |
| Terbium    | 159-1 | 6929911 | 7034426 | 6779279 | 6914538 | 1.86   | cps   |
| Terbium    | 159-2 | 1189941 | 1189928 | 1190270 | 1190046 | 0.02   | cps   |
| Thallium   | 203-1 | 700     | 867     | 808     | 792     | 10.68  | cps   |
| Thallium   | 205-1 | 1875    | 1850    | 1784    | 1836    | 2.58   | cps   |
| Tin        | 118-1 | 2750    | 2484    | 2750    | 2661    | 5.79   | cps   |
| Titanium   | 47-1  | 13535   | 12680   | 56289   | 27501   | 90.67  | cps   |
| Uranium    | 238-1 | 29244   | 29912   | 29594   | 29583   | 1.13   | cps   |
| Vanadium   | 51-2  | 4711    | 4844    | 4961    | 4839    | 2.59   | cps   |
| Yttrium    | 89-1  | 5486811 | 5447921 | 5334291 | 5423007 | 1.46   | cps   |
| Yttrium    | 89-2  | 138214  | 137153  | 137759  | 137708  | 0.39   | cps   |
| Zinc       | 66-2  | 2327    | 2457    | 2294    | 2359    | 3.66   | cps   |
| Zirconium  | 90-1  | 24624   | 8304    | 8988    | 13972   | 66.07  | cps   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB92809             | Operator :        | Jaswal    |
| Lab Sample ID :         | J1224-19            | Instrumnet Name : | P8        |
| Client Sample ID :      | MF6A18              | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2018-01-22 17:23:04 | DataFile Name :   | 067SMPL.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|-----------|------|------|------|------|---------|--------|-------|
| Zirconium | 91-1 | 1875 | 2401 | 2009 | 2095    | 13.04  | cps   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB92809             | Operator :        | Jaswal    |
| Lab Sample ID :         | J1224-20            | Instrumnet Name : | P8        |
| Client Sample ID :      | MF6A19              | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2018-01-22 17:26:15 | DataFile Name :   | 068SMPL.d |

| Parameter  | Mass  | CPS1    | CPS2    | CPS3    | CPSMean | CPSRSD | Units |
|------------|-------|---------|---------|---------|---------|--------|-------|
| Aluminium  | 27-2  | 36448   | 35078   | 35395   | 35640   | 2.01   | cps   |
| Antimony   | 121-1 | 1167    | 1108    | 1358    | 1211    | 10.80  | cps   |
| Arsenic    | 75-2  | 248     | 252     | 189     | 230     | 15.39  | cps   |
| Barium     | 135-1 | 523560  | 527659  | 520024  | 523748  | 0.73   | cps   |
| Barium     | 137-1 | 905607  | 912256  | 910917  | 909593  | 0.39   | cps   |
| Beryllium  | 9-1   | 667     | 728     | 739     | 711     | 5.47   | cps   |
| Bismuth    | 209-1 | 4776778 | 4775013 | 4760258 | 4770683 | 0.19   | cps   |
| Bismuth    | 209-2 | 1037948 | 1027313 | 1018932 | 1028064 | 0.93   | cps   |
| Boron      | 10-1  | 300     | 375     | 350     | 342     | 11.18  | cps   |
| Boron      | 11-1  | 1142    | 1300    | 1342    | 1261    | 8.37   | cps   |
| Cadmium    | 111-1 | 923     | 1094    | 957     | 991     | 9.13   | cps   |
| Cadmium    | 106-1 | 958     | 1083    | 983     | 1008    | 6.56   | cps   |
| Cadmium    | 108-1 | 63      | 21      | 33      | 39      | 54.99  | cps   |
| Calcium    | 43-1  | 54097   | 53311   | 53235   | 53548   | 0.89   | cps   |
| Calcium    | 44-1  | 885530  | 892871  | 883322  | 887241  | 0.56   | cps   |
| Chromium   | 52-2  | 6712    | 7059    | 6808    | 6860    | 2.61   | cps   |
| Cobalt     | 59-2  | 4074    | 3894    | 3717    | 3895    | 4.58   | cps   |
| Copper     | 63-2  | 6815    | 6388    | 6752    | 6652    | 3.46   | cps   |
| Dysprosium | 156-1 | 27530   | 27522   | 27330   | 27460   | 0.41   | cps   |
| Dysprosium | 156-2 | 4914    | 5201    | 5151    | 5089    | 3.01   | cps   |
| Erbium     | 164-1 | 21185   | 19449   | 21102   | 20578   | 4.76   | cps   |
| Erbium     | 164-2 | 3474    | 3564    | 3684    | 3574    | 2.95   | cps   |
| Gadolinium | 160-1 | 25142   | 25259   | 25593   | 25331   | 0.92   | cps   |
| Gadolinium | 160-2 | 6255    | 6068    | 6052    | 6125    | 1.84   | cps   |
| Holmium    | 165-1 | 6710488 | 6789873 | 6703027 | 6734463 | 0.71   | cps   |
| Holmium    | 165-2 | 1246976 | 1238913 | 1230013 | 1238634 | 0.69   | cps   |
| Indium     | 115-1 | 5125911 | 5214482 | 5194985 | 5178459 | 0.90   | cps   |
| Indium     | 115-2 | 186757  | 186495  | 185155  | 186136  | 0.46   | cps   |
| Iron       | 56-2  | 2904509 | 2928710 | 2837705 | 2890308 | 1.63   | cps   |
| Iron       | 57-2  | 71450   | 70177   | 70696   | 70774   | 0.90   | cps   |
| Lead       | 206-1 | 163330  | 162167  | 160563  | 162020  | 0.86   | cps   |
| Lead       | 207-1 | 134482  | 134955  | 134426  | 134621  | 0.22   | cps   |
| Lead       | 208-1 | 630618  | 631555  | 626744  | 629639  | 0.41   | cps   |
| Lithium    | 6-1   | 775405  | 774828  | 771672  | 773968  | 0.26   | cps   |
| Magnesium  | 24-2  | 24438   | 24831   | 24781   | 24683   | 0.87   | cps   |
| Manganese  | 55-2  | 35248   | 35098   | 35051   | 35132   | 0.29   | cps   |



|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB92809             | Operator :        | Jaswal    |
| Lab Sample ID :         | J1224-20            | Instrumnet Name : | P8        |
| Client Sample ID :      | MF6A19              | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2018-01-22 17:26:15 | DataFile Name :   | 068SMPL.d |

| Parameter  | Mass  | CPS1    | CPS2    | CPS3    | CPSMean | CPSRSD | Units |
|------------|-------|---------|---------|---------|---------|--------|-------|
| Molybdenum | 94-1  | 4634    | 7142    | 4901    | 5559    | 24.77  | cps   |
| Molybdenum | 95-1  | 1142    | 1258    | 1033    | 1145    | 9.83   | cps   |
| Molybdenum | 96-1  | 2084    | 2275    | 2250    | 2203    | 4.73   | cps   |
| Molybdenum | 97-1  | 767     | 983     | 875     | 875     | 12.38  | cps   |
| Molybdenum | 98-1  | 2042    | 2175    | 1867    | 2028    | 7.63   | cps   |
| Neodymium  | 150-1 | 44904   | 44402   | 44523   | 44610   | 0.59   | cps   |
| Neodymium  | 150-2 | 5148    | 5221    | 5044    | 5138    | 1.73   | cps   |
| Nickel     | 60-2  | 3007    | 2970    | 2894    | 2957    | 1.96   | cps   |
| Phosphorus | 31-2  | 83      | 108     | 192     | 128     | 44.39  | cps   |
| Potassium  | 39-2  | 7294    | 7194    | 7602    | 7363    | 2.89   | cps   |
| Rhodium    | 103-1 | 4728494 | 4741164 | 4684923 | 4718193 | 0.63   | cps   |
| Rhodium    | 103-2 | 1106750 | 1105216 | 1093443 | 1101803 | 0.66   | cps   |
| Scandium   | 45-1  | 2548131 | 2565710 | 2530094 | 2547979 | 0.70   | cps   |
| Scandium   | 45-2  | 16784   | 16680   | 16136   | 16533   | 2.10   | cps   |
| Selenium   | 77-2  | 27      | 27      | 23      | 26      | 7.55   | cps   |
| Selenium   | 78-2  | 7       | 15      | 15      | 12      | 34.61  | cps   |
| Selenium   | 82-1  | 24      | 40      | 85      | 50      | 63.60  | cps   |
| Silicon    | 28-1  | 6383948 | 5337766 | 5215538 | 5645751 | 11.38  | cps   |
| Silver     | 109-1 | 1242    | 1175    | 1075    | 1164    | 7.21   | cps   |
| Silver     | 107-1 | 1317    | 1250    | 1100    | 1222    | 9.08   | cps   |
| Sodium     | 23-2  | 9253    | 8795    | 8553    | 8867    | 4.01   | cps   |
| Strontium  | 86-1  | 47802   | 48529   | 47208   | 47846   | 1.38   | cps   |
| Strontium  | 88-1  | 406871  | 409760  | 409359  | 408664  | 0.38   | cps   |
| Sulfur     | 34-1  | 212094  | 213767  | 212043  | 212635  | 0.46   | cps   |
| Terbium    | 159-1 | 6913780 | 6988724 | 6870853 | 6924452 | 0.86   | cps   |
| Terbium    | 159-2 | 1186476 | 1180750 | 1174809 | 1180678 | 0.49   | cps   |
| Thallium   | 203-1 | 1233    | 983     | 1192    | 1136    | 11.79  | cps   |
| Thallium   | 205-1 | 2750    | 2875    | 2992    | 2873    | 4.21   | cps   |
| Tin        | 118-1 | 4534    | 4493    | 4251    | 4426    | 3.46   | cps   |
| Titanium   | 47-1  | 14452   | 18272   | 18870   | 17198   | 13.94  | cps   |
| Uranium    | 238-1 | 40676   | 40902   | 40575   | 40718   | 0.41   | cps   |
| Vanadium   | 51-2  | 7752    | 7385    | 7519    | 7552    | 2.46   | cps   |
| Yttrium    | 89-1  | 5462371 | 5490443 | 5440310 | 5464375 | 0.46   | cps   |
| Yttrium    | 89-2  | 139247  | 139511  | 136991  | 138583  | 1.00   | cps   |
| Zinc       | 66-2  | 2910    | 2697    | 2854    | 2820    | 3.92   | cps   |
| Zirconium  | 90-1  | 11509   | 19645   | 10497   | 13884   | 36.12  | cps   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB92809             | Operator :        | Jaswal    |
| Lab Sample ID :         | J1224-20            | Instrumnet Name : | P8        |
| Client Sample ID :      | MF6A19              | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2018-01-22 17:26:15 | DataFile Name :   | 068SMPL.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|-----------|------|------|------|------|---------|--------|-------|
| Zirconium | 91-1 | 2550 | 3269 | 2300 | 2706    | 18.57  | cps   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB92809             | Operator :        | Jaswal    |
| Lab Sample ID :         | J1224-21            | Instrumnet Name : | P8        |
| Client Sample ID :      | MF6A20              | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2018-01-22 17:29:26 | DataFile Name :   | 069SMPL.d |

| Parameter  | Mass  | CPS1    | CPS2    | CPS3    | CPSMean | CPSRSD | Units |
|------------|-------|---------|---------|---------|---------|--------|-------|
| Aluminium  | 27-2  | 41336   | 41612   | 42180   | 41709   | 1.03   | cps   |
| Antimony   | 121-1 | 4276    | 4343    | 4251    | 4290    | 1.10   | cps   |
| Arsenic    | 75-2  | 911     | 800     | 876     | 862     | 6.59   | cps   |
| Barium     | 135-1 | 746632  | 743759  | 742698  | 744363  | 0.27   | cps   |
| Barium     | 137-1 | 1308049 | 1284811 | 1301964 | 1298274 | 0.93   | cps   |
| Beryllium  | 9-1   | 1122    | 1278    | 1250    | 1217    | 6.82   | cps   |
| Bismuth    | 209-1 | 4758666 | 4808705 | 4728878 | 4765416 | 0.85   | cps   |
| Bismuth    | 209-2 | 1037584 | 1022282 | 1029906 | 1029924 | 0.74   | cps   |
| Boron      | 10-1  | 375     | 367     | 283     | 342     | 14.84  | cps   |
| Boron      | 11-1  | 1625    | 1859    | 1742    | 1742    | 6.70   | cps   |
| Cadmium    | 111-1 | 1172    | 1295    | 1028    | 1165    | 11.50  | cps   |
| Cadmium    | 106-1 | 1100    | 1133    | 975     | 1070    | 7.81   | cps   |
| Cadmium    | 108-1 | 63      | 33      | 67      | 54      | 33.54  | cps   |
| Calcium    | 43-1  | 64649   | 63552   | 63971   | 64058   | 0.86   | cps   |
| Calcium    | 44-1  | 1049315 | 1049789 | 1037233 | 1045446 | 0.68   | cps   |
| Chromium   | 52-2  | 9170    | 8800    | 9220    | 9063    | 2.53   | cps   |
| Cobalt     | 59-2  | 40679   | 41134   | 40920   | 40911   | 0.56   | cps   |
| Copper     | 63-2  | 18246   | 17778   | 17782   | 17935   | 1.50   | cps   |
| Dysprosium | 156-1 | 52641   | 53226   | 51135   | 52334   | 2.06   | cps   |
| Dysprosium | 156-2 | 8196    | 8339    | 8399    | 8312    | 1.26   | cps   |
| Erbium     | 164-1 | 33611   | 33695   | 33536   | 33614   | 0.24   | cps   |
| Erbium     | 164-2 | 5885    | 6078    | 5915    | 5959    | 1.75   | cps   |
| Gadolinium | 160-1 | 39586   | 40029   | 38892   | 39502   | 1.45   | cps   |
| Gadolinium | 160-2 | 9704    | 10458   | 10067   | 10076   | 3.74   | cps   |
| Holmium    | 165-1 | 6780156 | 6829447 | 6808747 | 6806117 | 0.36   | cps   |
| Holmium    | 165-2 | 1253855 | 1240973 | 1246318 | 1247048 | 0.52   | cps   |
| Indium     | 115-1 | 5175750 | 5171228 | 5177699 | 5174892 | 0.06   | cps   |
| Indium     | 115-2 | 189060  | 185093  | 188467  | 187540  | 1.14   | cps   |
| Iron       | 56-2  | 9887915 | 9736162 | 9823639 | 9815906 | 0.78   | cps   |
| Iron       | 57-2  | 242695  | 240880  | 242926  | 242167  | 0.46   | cps   |
| Lead       | 206-1 | 471194  | 467571  | 463905  | 467557  | 0.78   | cps   |
| Lead       | 207-1 | 387440  | 386437  | 386736  | 386871  | 0.13   | cps   |
| Lead       | 208-1 | 1826398 | 1814458 | 1809103 | 1816653 | 0.49   | cps   |
| Lithium    | 6-1   | 770764  | 773928  | 771859  | 772183  | 0.21   | cps   |
| Magnesium  | 24-2  | 30901   | 30776   | 30926   | 30868   | 0.26   | cps   |
| Manganese  | 55-2  | 378518  | 377476  | 376498  | 377498  | 0.27   | cps   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB92809             | Operator :        | Jaswal    |
| Lab Sample ID :         | J1224-21            | Instrumnet Name : | P8        |
| Client Sample ID :      | MF6A20              | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2018-01-22 17:29:26 | DataFile Name :   | 069SMPL.d |

| Parameter  | Mass  | CPS1    | CPS2    | CPS3    | CPSMean | CPSRSD | Units |
|------------|-------|---------|---------|---------|---------|--------|-------|
| Molybdenum | 94-1  | 5952    | 5752    | 5310    | 5671    | 5.79   | cps   |
| Molybdenum | 95-1  | 3684    | 3976    | 3592    | 3751    | 5.34   | cps   |
| Molybdenum | 96-1  | 5235    | 4501    | 4734    | 4823    | 7.77   | cps   |
| Molybdenum | 97-1  | 2317    | 2084    | 2234    | 2211    | 5.35   | cps   |
| Molybdenum | 98-1  | 5860    | 5868    | 6127    | 5952    | 2.55   | cps   |
| Neodymium  | 150-1 | 69089   | 68908   | 69618   | 69205   | 0.53   | cps   |
| Neodymium  | 150-2 | 8266    | 8189    | 8029    | 8162    | 1.48   | cps   |
| Nickel     | 60-2  | 4507    | 4587    | 4784    | 4626    | 3.08   | cps   |
| Phosphorus | 31-2  | 158     | 158     | 175     | 164     | 5.87   | cps   |
| Potassium  | 39-2  | 7828    | 7561    | 7252    | 7547    | 3.81   | cps   |
| Rhodium    | 103-1 | 4731307 | 4706838 | 4707582 | 4715242 | 0.30   | cps   |
| Rhodium    | 103-2 | 1122893 | 1098184 | 1112731 | 1111269 | 1.12   | cps   |
| Scandium   | 45-1  | 2569367 | 2531087 | 2542795 | 2547750 | 0.77   | cps   |
| Scandium   | 45-2  | 17010   | 16183   | 16627   | 16607   | 2.49   | cps   |
| Selenium   | 77-2  | 37      | 50      | 20      | 36      | 42.27  | cps   |
| Selenium   | 78-2  | 15      | 17      | 15      | 15      | 6.96   | cps   |
| Selenium   | 82-1  | 189     | 145     | 226     | 187     | 21.79  | cps   |
| Silicon    | 28-1  | 4413482 | 5142060 | 4316576 | 4624039 | 9.76   | cps   |
| Silver     | 109-1 | 1042    | 1333    | 1258    | 1211    | 12.51  | cps   |
| Silver     | 107-1 | 1458    | 1308    | 1400    | 1389    | 5.44   | cps   |
| Sodium     | 23-2  | 8861    | 8620    | 10004   | 9162    | 8.07   | cps   |
| Strontium  | 86-1  | 52059   | 52268   | 51866   | 52064   | 0.39   | cps   |
| Strontium  | 88-1  | 453908  | 452404  | 449302  | 451871  | 0.52   | cps   |
| Sulfur     | 34-1  | 217489  | 216518  | 214552  | 216186  | 0.69   | cps   |
| Terbium    | 159-1 | 7024027 | 6981557 | 6986757 | 6997447 | 0.33   | cps   |
| Terbium    | 159-2 | 1193745 | 1177266 | 1187211 | 1186074 | 0.70   | cps   |
| Thallium   | 203-1 | 1067    | 1233    | 1233    | 1178    | 8.17   | cps   |
| Thallium   | 205-1 | 3167    | 2942    | 3151    | 3087    | 4.06   | cps   |
| Tin        | 118-1 | 6452    | 5401    | 5560    | 5804    | 9.76   | cps   |
| Titanium   | 47-1  | 15827   | 16121   | 14558   | 15502   | 5.36   | cps   |
| Uranium    | 238-1 | 45860   | 46990   | 46011   | 46287   | 1.33   | cps   |
| Vanadium   | 51-2  | 20535   | 20292   | 20545   | 20457   | 0.70   | cps   |
| Yttrium    | 89-1  | 5593087 | 5546527 | 5637563 | 5592393 | 0.81   | cps   |
| Yttrium    | 89-2  | 142540  | 141301  | 142773  | 142205  | 0.56   | cps   |
| Zinc       | 66-2  | 3777    | 3867    | 3604    | 3749    | 3.57   | cps   |
| Zirconium  | 90-1  | 10329   | 10329   | 11498   | 10719   | 6.29   | cps   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB92809             | Operator :        | Jaswal    |
| Lab Sample ID :         | J1224-21            | Instrumnet Name : | P8        |
| Client Sample ID :      | MF6A20              | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2018-01-22 17:29:26 | DataFile Name :   | 069SMPL.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|-----------|------|------|------|------|---------|--------|-------|
| Zirconium | 91-1 | 2459 | 4486 | 2350 | 3098    | 38.82  | cps   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB92809             | Operator :        | Jaswal    |
| Lab Sample ID :         | J1224-22            | Instrumnet Name : | P8        |
| Client Sample ID :      | MF6A21              | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2018-01-22 17:32:36 | DataFile Name :   | 070SMPL.d |

| Parameter  | Mass  | CPS1    | CPS2    | CPS3    | CPSMean | CPSRSD | Units |
|------------|-------|---------|---------|---------|---------|--------|-------|
| Aluminium  | 27-2  | 28972   | 27745   | 29398   | 28705   | 2.99   | cps   |
| Antimony   | 121-1 | 7936    | 7728    | 7986    | 7883    | 1.74   | cps   |
| Arsenic    | 75-2  | 381     | 394     | 369     | 381     | 3.40   | cps   |
| Barium     | 135-1 | 386766  | 389866  | 394939  | 390523  | 1.06   | cps   |
| Barium     | 137-1 | 674892  | 675317  | 677449  | 675886  | 0.20   | cps   |
| Beryllium  | 9-1   | 628     | 567     | 450     | 548     | 16.48  | cps   |
| Bismuth    | 209-1 | 4813979 | 4176061 | 4527318 | 4505786 | 7.09   | cps   |
| Bismuth    | 209-2 | 1044988 | 1038378 | 1034830 | 1039399 | 0.50   | cps   |
| Boron      | 10-1  | 333     | 292     | 325     | 317     | 6.96   | cps   |
| Boron      | 11-1  | 1425    | 1534    | 1450    | 1470    | 3.86   | cps   |
| Cadmium    | 111-1 | 737     | 627     | 851     | 739     | 15.18  | cps   |
| Cadmium    | 106-1 | 883     | 683     | 1042    | 870     | 20.65  | cps   |
| Cadmium    | 108-1 | 21      | 38      | 46      | 35      | 36.66  | cps   |
| Calcium    | 43-1  | 46612   | 46763   | 47782   | 47052   | 1.35   | cps   |
| Calcium    | 44-1  | 777898  | 776179  | 781241  | 778439  | 0.33   | cps   |
| Chromium   | 52-2  | 128331  | 128873  | 129637  | 128947  | 0.51   | cps   |
| Cobalt     | 59-2  | 5851    | 5881    | 5745    | 5826    | 1.23   | cps   |
| Copper     | 63-2  | 8286    | 8443    | 8329    | 8353    | 0.97   | cps   |
| Dysprosium | 156-1 | 15318   | 15176   | 15643   | 15379   | 1.56   | cps   |
| Dysprosium | 156-2 | 2937    | 2694    | 2814    | 2815    | 4.32   | cps   |
| Erbium     | 164-1 | 11714   | 11647   | 11956   | 11772   | 1.38   | cps   |
| Erbium     | 164-2 | 2047    | 2074    | 2020    | 2047    | 1.30   | cps   |
| Gadolinium | 160-1 | 14025   | 14409   | 13733   | 14055   | 2.41   | cps   |
| Gadolinium | 160-2 | 3541    | 3517    | 3337    | 3465    | 3.21   | cps   |
| Holmium    | 165-1 | 6792031 | 5868020 | 6498629 | 6386227 | 7.39   | cps   |
| Holmium    | 165-2 | 1257914 | 1254070 | 1245607 | 1252530 | 0.50   | cps   |
| Indium     | 115-1 | 5201476 | 4486237 | 4896312 | 4861342 | 7.38   | cps   |
| Indium     | 115-2 | 187011  | 188387  | 186926  | 187441  | 0.44   | cps   |
| Iron       | 56-2  | 5310657 | 5323925 | 5324877 | 5319820 | 0.15   | cps   |
| Iron       | 57-2  | 131195  | 131794  | 130931  | 131307  | 0.34   | cps   |
| Lead       | 206-1 | 220107  | 220075  | 218668  | 219617  | 0.37   | cps   |
| Lead       | 207-1 | 179485  | 182250  | 178177  | 179971  | 1.16   | cps   |
| Lead       | 208-1 | 850908  | 855436  | 845166  | 850504  | 0.61   | cps   |
| Lithium    | 6-1   | 767614  | 677420  | 737926  | 727653  | 6.32   | cps   |
| Magnesium  | 24-2  | 22084   | 22594   | 23370   | 22683   | 2.85   | cps   |
| Manganese  | 55-2  | 45604   | 45444   | 45882   | 45643   | 0.49   | cps   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB92809             | Operator :        | Jaswal    |
| Lab Sample ID :         | J1224-22            | Instrumnet Name : | P8        |
| Client Sample ID :      | MF6A21              | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2018-01-22 17:32:36 | DataFile Name :   | 070SMPL.d |

| Parameter  | Mass  | CPS1    | CPS2    | CPS3    | CPSMean | CPSRSD | Units |
|------------|-------|---------|---------|---------|---------|--------|-------|
| Molybdenum | 94-1  | 7711    | 7352    | 7494    | 7519    | 2.40   | cps   |
| Molybdenum | 95-1  | 6860    | 7186    | 6769    | 6938    | 3.16   | cps   |
| Molybdenum | 96-1  | 8495    | 8737    | 8987    | 8739    | 2.82   | cps   |
| Molybdenum | 97-1  | 4759    | 4576    | 4543    | 4626    | 2.52   | cps   |
| Molybdenum | 98-1  | 11280   | 11597   | 11672   | 11517   | 1.81   | cps   |
| Neodymium  | 150-1 | 24944   | 25138   | 25058   | 25047   | 0.39   | cps   |
| Neodymium  | 150-2 | 3014    | 2894    | 2860    | 2923    | 2.76   | cps   |
| Nickel     | 60-2  | 16236   | 16827   | 16847   | 16637   | 2.09   | cps   |
| Phosphorus | 31-2  | 67      | 75      | 50      | 64      | 19.92  | cps   |
| Potassium  | 39-2  | 5126    | 5268    | 4851    | 5082    | 4.17   | cps   |
| Rhodium    | 103-1 | 4755198 | 4042931 | 4529862 | 4442663 | 8.19   | cps   |
| Rhodium    | 103-2 | 1115716 | 1120482 | 1111486 | 1115895 | 0.40   | cps   |
| Scandium   | 45-1  | 2527948 | 2210175 | 2392728 | 2376950 | 6.71   | cps   |
| Scandium   | 45-2  | 16560   | 16403   | 16617   | 16527   | 0.67   | cps   |
| Selenium   | 77-2  | 23      | 20      | 17      | 20      | 16.65  | cps   |
| Selenium   | 78-2  | 9       | 9       | 4       | 7       | 43.34  | cps   |
| Selenium   | 82-1  | 92      | 35      | 99      | 75      | 46.35  | cps   |
| Silicon    | 28-1  | 4114302 | 4221238 | 3952962 | 4096167 | 3.30   | cps   |
| Silver     | 109-1 | 942     | 967     | 783     | 897     | 11.08  | cps   |
| Silver     | 107-1 | 975     | 1158    | 1108    | 1081    | 8.77   | cps   |
| Sodium     | 23-2  | 8086    | 7994    | 7903    | 7994    | 1.15   | cps   |
| Strontium  | 86-1  | 43044   | 42668   | 43696   | 43136   | 1.21   | cps   |
| Strontium  | 88-1  | 382485  | 379084  | 380017  | 380529  | 0.46   | cps   |
| Sulfur     | 34-1  | 206495  | 208076  | 209759  | 208110  | 0.78   | cps   |
| Terbium    | 159-1 | 6940916 | 6006215 | 6642694 | 6529942 | 7.31   | cps   |
| Terbium    | 159-2 | 1195138 | 1199944 | 1184809 | 1193297 | 0.65   | cps   |
| Thallium   | 203-1 | 1275    | 1183    | 1408    | 1289    | 8.78   | cps   |
| Thallium   | 205-1 | 2842    | 2926    | 3176    | 2981    | 5.82   | cps   |
| Tin        | 118-1 | 8595    | 8503    | 8311    | 8470    | 1.71   | cps   |
| Titanium   | 47-1  | 17915   | 18748   | 17428   | 18030   | 3.70   | cps   |
| Uranium    | 238-1 | 16595   | 16103   | 15652   | 16117   | 2.93   | cps   |
| Vanadium   | 51-2  | 12369   | 12366   | 12723   | 12486   | 1.64   | cps   |
| Yttrium    | 89-1  | 5329563 | 4670763 | 5119439 | 5039922 | 6.68   | cps   |
| Yttrium    | 89-2  | 138066  | 137843  | 136248  | 137385  | 0.72   | cps   |
| Zinc       | 66-2  | 2097    | 2234    | 2204    | 2178    | 3.30   | cps   |
| Zirconium  | 90-1  | 9480    | 8937    | 8812    | 9076    | 3.91   | cps   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB92809             | Operator :        | Jaswal    |
| Lab Sample ID :         | J1224-22            | Instrumnet Name : | P8        |
| Client Sample ID :      | MF6A21              | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2018-01-22 17:32:36 | DataFile Name :   | 070SMPL.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|-----------|------|------|------|------|---------|--------|-------|
| Zirconium | 91-1 | 2050 | 2284 | 1900 | 2078    | 9.30   | cps   |



|                         |                     |                   |          |
|-------------------------|---------------------|-------------------|----------|
| LB Number :             | LB92809             | Operator :        | Jaswal   |
| Lab Sample ID :         | CCV039              | Instrumnet Name : | P8       |
| Client Sample ID :      | CCV039              | Dilution Factor : | 1        |
| Date & Time Acquired :: | 2018-01-22 17:37:46 | DataFile Name :   | 071CCV.d |

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|------------|-------|----------|----------|----------|----------|--------|-------|
| Aluminium  | 27-2  | 170884   | 169753   | 171570   | 170736   | 0.54   | cps   |
| Antimony   | 121-1 | 3681227  | 3648276  | 3620707  | 3650070  | 0.83   | cps   |
| Arsenic    | 75-2  | 31070    | 30771    | 30888    | 30910    | 0.49   | cps   |
| Barium     | 135-1 | 4018804  | 4068893  | 3963722  | 4017140  | 1.31   | cps   |
| Barium     | 137-1 | 6944706  | 6937352  | 6883958  | 6922005  | 0.48   | cps   |
| Beryllium  | 9-1   | 355235   | 356566   | 354029   | 355277   | 0.36   | cps   |
| Bismuth    | 209-1 | 4430064  | 4460096  | 4373264  | 4421141  | 1.00   | cps   |
| Bismuth    | 209-2 | 959621   | 960768   | 958903   | 959764   | 0.10   | cps   |
| Boron      | 10-1  | 39163    | 40575    | 41427    | 40388    | 2.83   | cps   |
| Boron      | 11-1  | 185153   | 192338   | 194949   | 190813   | 2.66   | cps   |
| Cadmium    | 111-1 | 725635   | 726849   | 737198   | 729894   | 0.87   | cps   |
| Cadmium    | 106-1 | 77213    | 75955    | 76911    | 76693    | 0.86   | cps   |
| Cadmium    | 108-1 | 52230    | 52527    | 52477    | 52411    | 0.30   | cps   |
| Calcium    | 43-1  | 3361806  | 3387127  | 3389525  | 3379486  | 0.45   | cps   |
| Calcium    | 44-1  | 54158847 | 54712143 | 54699982 | 54523657 | 0.58   | cps   |
| Chromium   | 52-2  | 246380   | 248335   | 247600   | 247438   | 0.40   | cps   |
| Cobalt     | 59-2  | 539649   | 543058   | 537241   | 539982   | 0.54   | cps   |
| Copper     | 63-2  | 926749   | 925797   | 927935   | 926827   | 0.12   | cps   |
| Dysprosium | 156-1 | 83       | 67       | 83       | 78       | 12.37  | cps   |
| Dysprosium | 156-2 | 3        | 7        | 7        | 6        | 34.70  | cps   |
| Erbium     | 164-1 | 58       | 83       | 50       | 64       | 27.15  | cps   |
| Erbium     | 164-2 | 23       | 3        | 3        | 10       | 115.51 | cps   |
| Gadolinium | 160-1 | 50       | 42       | 142      | 78       | 71.34  | cps   |
| Gadolinium | 160-2 | 3        | 10       | 13       | 9        | 57.30  | cps   |
| Holmium    | 165-1 | 6744351  | 6638684  | 6635839  | 6672958  | 0.93   | cps   |
| Holmium    | 165-2 | 1237328  | 1228339  | 1227252  | 1230973  | 0.45   | cps   |
| Indium     | 115-1 | 4924329  | 4899304  | 4874720  | 4899451  | 0.51   | cps   |
| Indium     | 115-2 | 177956   | 176041   | 177215   | 177071   | 0.55   | cps   |
| Iron       | 56-2  | 40640984 | 40712040 | 41014852 | 40789292 | 0.49   | cps   |
| Iron       | 57-2  | 1008004  | 1020187  | 1013157  | 1013783  | 0.60   | cps   |
| Lead       | 206-1 | 2618600  | 2625207  | 2571842  | 2605216  | 1.12   | cps   |
| Lead       | 207-1 | 2411941  | 2427948  | 2418307  | 2419399  | 0.33   | cps   |
| Lead       | 208-1 | 10786056 | 10774398 | 10706112 | 10755522 | 0.40   | cps   |
| Lithium    | 6-1   | 716232   | 722871   | 724327   | 721143   | 0.60   | cps   |
| Magnesium  | 24-2  | 4174766  | 4156915  | 4182983  | 4171555  | 0.32   | cps   |
| Manganese  | 55-2  | 139296   | 139606   | 140515   | 139805   | 0.45   | cps   |

|                         |                     |                   |          |
|-------------------------|---------------------|-------------------|----------|
| LB Number :             | LB92809             | Operator :        | Jaswal   |
| Lab Sample ID :         | CCV039              | Instrumnet Name : | P8       |
| Client Sample ID :      | CCV039              | Dilution Factor : | 1        |
| Date & Time Acquired :: | 2018-01-22 17:37:46 | DataFile Name :   | 071CCV.d |

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|------------|-------|----------|----------|----------|----------|--------|-------|
| Molybdenum | 94-1  | 6002677  | 6005676  | 5972120  | 5993491  | 0.31   | cps   |
| Molybdenum | 95-1  | 7336967  | 7382875  | 7330222  | 7350021  | 0.39   | cps   |
| Molybdenum | 96-1  | 8248906  | 8315673  | 8227003  | 8263861  | 0.56   | cps   |
| Molybdenum | 97-1  | 4718898  | 4717789  | 4735889  | 4724192  | 0.21   | cps   |
| Molybdenum | 98-1  | 12026493 | 11953000 | 11980713 | 11986735 | 0.31   | cps   |
| Neodymium  | 150-1 | 233      | 147      | 193      | 191      | 22.70  | cps   |
| Neodymium  | 150-2 | 10       | 0        | 13       | 8        | 89.21  | cps   |
| Nickel     | 60-2  | 155749   | 155820   | 157215   | 156262   | 0.53   | cps   |
| Phosphorus | 31-2  | 2134     | 2342     | 2100     | 2192     | 5.98   | cps   |
| Potassium  | 39-2  | 1125865  | 1135097  | 1134131  | 1131697  | 0.45   | cps   |
| Rhodium    | 103-1 | 4375712  | 4350601  | 4333712  | 4353341  | 0.49   | cps   |
| Rhodium    | 103-2 | 1035641  | 1027689  | 1030810  | 1031380  | 0.39   | cps   |
| Scandium   | 45-1  | 2488887  | 2532656  | 2494469  | 2505337  | 0.95   | cps   |
| Scandium   | 45-2  | 16276    | 16530    | 16540    | 16449    | 0.91   | cps   |
| Selenium   | 77-2  | 183      | 250      | 183      | 206      | 18.73  | cps   |
| Selenium   | 78-2  | 750      | 652      | 724      | 709      | 7.18   | cps   |
| Selenium   | 82-1  | 42966    | 42881    | 42916    | 42921    | 0.10   | cps   |
| Silicon    | 28-1  | 1550793  | 1585317  | 1596234  | 1577448  | 1.50   | cps   |
| Silver     | 109-1 | 3517160  | 3516588  | 3519127  | 3517625  | 0.04   | cps   |
| Silver     | 107-1 | 3613522  | 3614830  | 3644535  | 3624295  | 0.48   | cps   |
| Sodium     | 23-2  | 9752392  | 9655776  | 9739340  | 9715836  | 0.54   | cps   |
| Strontium  | 86-1  | 944096   | 945714   | 948565   | 946125   | 0.24   | cps   |
| Strontium  | 88-1  | 8326483  | 8301484  | 8309824  | 8312597  | 0.15   | cps   |
| Sulfur     | 34-1  | 451315   | 449814   | 453725   | 451618   | 0.44   | cps   |
| Terbium    | 159-1 | 6881242  | 6795792  | 6810169  | 6829068  | 0.67   | cps   |
| Terbium    | 159-2 | 1174420  | 1177527  | 1172453  | 1174800  | 0.22   | cps   |
| Thallium   | 203-1 | 3259513  | 3267182  | 3221096  | 3249264  | 0.76   | cps   |
| Thallium   | 205-1 | 7669407  | 7599141  | 7589524  | 7619358  | 0.57   | cps   |
| Tin        | 118-1 | 2556643  | 2559235  | 2527330  | 2547736  | 0.70   | cps   |
| Titanium   | 47-1  | 1713088  | 1704910  | 1704546  | 1707514  | 0.28   | cps   |
| Uranium    | 238-1 | 11200289 | 11001955 | 10960312 | 11054186 | 1.16   | cps   |
| Vanadium   | 51-2  | 184518   | 184547   | 184648   | 184571   | 0.04   | cps   |
| Yttrium    | 89-1  | 5067628  | 5040188  | 5059771  | 5055863  | 0.28   | cps   |
| Yttrium    | 89-2  | 130597   | 130065   | 131431   | 130698   | 0.53   | cps   |
| Zinc       | 66-2  | 80877    | 81146    | 81565    | 81196    | 0.43   | cps   |
| Zirconium  | 90-1  | 5121773  | 5150536  | 5081487  | 5117932  | 0.68   | cps   |

|                         |                     |                   |          |
|-------------------------|---------------------|-------------------|----------|
| LB Number :             | LB92809             | Operator :        | Jaswal   |
| Lab Sample ID :         | CCV039              | Instrumnet Name : | P8       |
| Client Sample ID :      | CCV039              | Dilution Factor : | 1        |
| Date & Time Acquired :: | 2018-01-22 17:37:46 | DataFile Name :   | 071CCV.d |

| Parameter | Mass | CPS1    | CPS2    | CPS3    | CPSMean | CPSRSD | Units |
|-----------|------|---------|---------|---------|---------|--------|-------|
| Zirconium | 91-1 | 1115393 | 1114506 | 1107036 | 1112312 | 0.41   | cps   |

LB Number : LB92809 Operator : Jaswal  
 Lab Sample ID : CCB039 Instrumnet Name : P8  
 Client Sample ID : CCB039 Dilution Factor : 1  
 Date & Time Acquired :: 2018-01-22 17:41:04 DataFile Name : 072CCBE.d

| Parameter  | Mass  | CPS1    | CPS2    | CPS3    | CPSMean | CPSRSD | Units |
|------------|-------|---------|---------|---------|---------|--------|-------|
| Aluminium  | 27-2  | 0       | 25      | 0       | 8       | 173.21 | cps   |
| Antimony   | 121-1 | 3209    | 3209    | 3267    | 3228    | 1.04   | cps   |
| Arsenic    | 75-2  | 4       | 2       | 4       | 3       | 34.64  | cps   |
| Barium     | 135-1 | 33      | 67      | 42      | 47      | 36.74  | cps   |
| Barium     | 137-1 | 150     | 58      | 92      | 100     | 46.40  | cps   |
| Beryllium  | 9-1   | 211     | 178     | 172     | 187     | 11.25  | cps   |
| Bismuth    | 209-1 | 4624978 | 4776430 | 4713705 | 4705038 | 1.62   | cps   |
| Bismuth    | 209-2 | 1046031 | 1018737 | 1013980 | 1026249 | 1.69   | cps   |
| Boron      | 10-1  | 1100    | 1217    | 925     | 1081    | 13.59  | cps   |
| Boron      | 11-1  | 5376    | 4943    | 4743    | 5021    | 6.45   | cps   |
| Cadmium    | 111-1 | 703     | 640     | 685     | 676     | 4.82   | cps   |
| Cadmium    | 106-1 | 925     | 817     | 917     | 886     | 6.80   | cps   |
| Cadmium    | 108-1 | 4       | 4       | 4       | 4       | 0.00   | cps   |
| Calcium    | 43-1  | 608     | 433     | 508     | 517     | 16.99  | cps   |
| Calcium    | 44-1  | 10379   | 10988   | 10696   | 10688   | 2.85   | cps   |
| Chromium   | 52-2  | 160     | 137     | 133     | 143     | 10.13  | cps   |
| Cobalt     | 59-2  | 57      | 27      | 33      | 39      | 40.51  | cps   |
| Copper     | 63-2  | 173     | 133     | 123     | 143     | 18.46  | cps   |
| Dysprosium | 156-1 | 0       | 0       | 8       | 3       | 173.21 | cps   |
| Dysprosium | 156-2 | 0       | 0       | 0       | 0       | 0.00   | cps   |
| Erbium     | 164-1 | 17      | 25      | 33      | 25      | 33.34  | cps   |
| Erbium     | 164-2 | 0       | 3       | 7       | 3       | 100.05 | cps   |
| Gadolinium | 160-1 | 33      | 42      | 50      | 42      | 19.99  | cps   |
| Gadolinium | 160-2 | 10      | 3       | 0       | 4       | 114.60 | cps   |
| Holmium    | 165-1 | 6572849 | 6699580 | 6728450 | 6666960 | 1.24   | cps   |
| Holmium    | 165-2 | 1273395 | 1220474 | 1225518 | 1239796 | 2.36   | cps   |
| Indium     | 115-1 | 5070134 | 5146016 | 5077726 | 5097959 | 0.82   | cps   |
| Indium     | 115-2 | 193325  | 184780  | 185671  | 187925  | 2.50   | cps   |
| Iron       | 56-2  | 2506    | 2239    | 2200    | 2315    | 7.19   | cps   |
| Iron       | 57-2  | 56      | 56      | 61      | 57      | 5.58   | cps   |
| Lead       | 206-1 | 550     | 739     | 656     | 648     | 14.61  | cps   |
| Lead       | 207-1 | 467     | 494     | 672     | 544     | 20.48  | cps   |
| Lead       | 208-1 | 2322    | 2622    | 2795    | 2580    | 9.26   | cps   |
| Lithium    | 6-1   | 749378  | 757900  | 755553  | 754277  | 0.58   | cps   |
| Magnesium  | 24-2  | 217     | 342     | 233     | 264     | 25.72  | cps   |
| Manganese  | 55-2  | 13      | 27      | 13      | 18      | 43.33  | cps   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB92809             | Operator :        | Jaswal    |
| Lab Sample ID :         | CCB039              | Instrumnet Name : | P8        |
| Client Sample ID :      | CCB039              | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2018-01-22 17:41:04 | DataFile Name :   | 072CCBE.d |

| Parameter  | Mass  | CPS1    | CPS2    | CPS3    | CPSMean | CPSRSD | Units |
|------------|-------|---------|---------|---------|---------|--------|-------|
| Molybdenum | 94-1  | 592     | 467     | 458     | 506     | 14.77  | cps   |
| Molybdenum | 95-1  | 525     | 417     | 458     | 467     | 11.71  | cps   |
| Molybdenum | 96-1  | 658     | 492     | 467     | 539     | 19.34  | cps   |
| Molybdenum | 97-1  | 383     | 408     | 350     | 381     | 7.69   | cps   |
| Molybdenum | 98-1  | 925     | 708     | 758     | 797     | 14.23  | cps   |
| Neodymium  | 150-1 | 13      | 0       | 0       | 4       | 173.21 | cps   |
| Neodymium  | 150-2 | 0       | 0       | 0       | 0       | 0.00   | cps   |
| Nickel     | 60-2  | 733     | 713     | 787     | 744     | 5.09   | cps   |
| Phosphorus | 31-2  | 0       | 0       | 0       | 0       | 0.00   | cps   |
| Potassium  | 39-2  | 1684    | 1583    | 1834    | 1700    | 7.40   | cps   |
| Rhodium    | 103-1 | 4629013 | 4685709 | 4673805 | 4662842 | 0.64   | cps   |
| Rhodium    | 103-2 | 1123942 | 1091999 | 1097603 | 1104515 | 1.54   | cps   |
| Scandium   | 45-1  | 2481217 | 2532750 | 2543236 | 2519068 | 1.32   | cps   |
| Scandium   | 45-2  | 17434   | 16650   | 16243   | 16776   | 3.61   | cps   |
| Selenium   | 77-2  | 0       | 0       | 3       | 1       | 173.21 | cps   |
| Selenium   | 78-2  | 2       | 2       | 0       | 1       | 86.60  | cps   |
| Selenium   | 82-1  | 30      | 58      | 7       | 32      | 81.03  | cps   |
| Silicon    | 28-1  | 272404  | 268936  | 271019  | 270786  | 0.64   | cps   |
| Silver     | 109-1 | 133     | 233     | 133     | 167     | 34.64  | cps   |
| Silver     | 107-1 | 242     | 158     | 167     | 189     | 24.30  | cps   |
| Sodium     | 23-2  | 6135    | 5985    | 6135    | 6085    | 1.42   | cps   |
| Strontium  | 86-1  | 358     | 500     | 267     | 375     | 31.35  | cps   |
| Strontium  | 88-1  | 183     | 125     | 208     | 172     | 24.83  | cps   |
| Sulfur     | 34-1  | 276547  | 275713  | 274067  | 275443  | 0.46   | cps   |
| Terbium    | 159-1 | 6763967 | 6853404 | 6922733 | 6846701 | 1.16   | cps   |
| Terbium    | 159-2 | 1210116 | 1169423 | 1175502 | 1185014 | 1.85   | cps   |
| Thallium   | 203-1 | 967     | 675     | 700     | 781     | 20.71  | cps   |
| Thallium   | 205-1 | 2059    | 1884    | 1700    | 1881    | 9.53   | cps   |
| Tin        | 118-1 | 708     | 833     | 833     | 792     | 9.12   | cps   |
| Titanium   | 47-1  | 75      | 50      | 108     | 78      | 37.63  | cps   |
| Uranium    | 238-1 | 125     | 100     | 92      | 106     | 16.44  | cps   |
| Vanadium   | 51-2  | 13      | 0       | 3       | 6       | 124.93 | cps   |
| Yttrium    | 89-1  | 5097319 | 5176530 | 5131570 | 5135139 | 0.77   | cps   |
| Yttrium    | 89-2  | 134117  | 131866  | 130630  | 132204  | 1.34   | cps   |
| Zinc       | 66-2  | 33      | 20      | 17      | 23      | 37.78  | cps   |
| Zirconium  | 90-1  | 575     | 525     | 567     | 556     | 4.82   | cps   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB92809             | Operator :        | Jaswal    |
| Lab Sample ID :         | CCB039              | Instrumnet Name : | P8        |
| Client Sample ID :      | CCB039              | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2018-01-22 17:41:04 | DataFile Name :   | 072CCBE.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|-----------|------|------|------|------|---------|--------|-------|
| Zirconium | 91-1 | 108  | 158  | 117  | 128     | 20.96  | cps   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB92809             | Operator :        | Jaswal    |
| Lab Sample ID :         | PB105870BL          | Instrumnet Name : | P8        |
| Client Sample ID :      | PBS008              | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2018-01-22 17:44:15 | DataFile Name :   | 073CCBE.d |

| Parameter  | Mass  | CPS1    | CPS2    | CPS3    | CPSMean | CPSRSD | Units |
|------------|-------|---------|---------|---------|---------|--------|-------|
| Aluminium  | 27-2  | 8       | 33      | 0       | 14      | 124.92 | cps   |
| Antimony   | 121-1 | 1025    | 1075    | 1125    | 1075    | 4.65   | cps   |
| Arsenic    | 75-2  | 0       | 0       | 2       | 1       | 173.21 | cps   |
| Barium     | 135-1 | 17      | 17      | 0       | 11      | 86.60  | cps   |
| Barium     | 137-1 | 50      | 50      | 42      | 47      | 10.18  | cps   |
| Beryllium  | 9-1   | 100     | 139     | 122     | 120     | 16.21  | cps   |
| Bismuth    | 209-1 | 4841386 | 4856629 | 4809146 | 4835720 | 0.50   | cps   |
| Bismuth    | 209-2 | 1055321 | 1051478 | 1052560 | 1053120 | 0.19   | cps   |
| Boron      | 10-1  | 550     | 567     | 483     | 533     | 8.27   | cps   |
| Boron      | 11-1  | 2700    | 2559    | 2442    | 2567    | 5.04   | cps   |
| Cadmium    | 111-1 | 693     | 781     | 732     | 735     | 6.02   | cps   |
| Cadmium    | 106-1 | 958     | 1075    | 1033    | 1022    | 5.78   | cps   |
| Cadmium    | 108-1 | 4       | 13      | 0       | 6       | 114.53 | cps   |
| Calcium    | 43-1  | 508     | 600     | 658     | 589     | 12.84  | cps   |
| Calcium    | 44-1  | 9587    | 9971    | 10679   | 10079   | 5.50   | cps   |
| Chromium   | 52-2  | 167     | 180     | 200     | 182     | 9.21   | cps   |
| Cobalt     | 59-2  | 27      | 30      | 30      | 29      | 6.65   | cps   |
| Copper     | 63-2  | 150     | 140     | 97      | 129     | 21.99  | cps   |
| Dysprosium | 156-1 | 42      | 8       | 17      | 22      | 78.07  | cps   |
| Dysprosium | 156-2 | 0       | 0       | 3       | 1       | 173.21 | cps   |
| Erbium     | 164-1 | 25      | 25      | 25      | 25      | 0.00   | cps   |
| Erbium     | 164-2 | 0       | 13      | 0       | 4       | 173.21 | cps   |
| Gadolinium | 160-1 | 75      | 33      | 67      | 58      | 37.80  | cps   |
| Gadolinium | 160-2 | 3       | 10      | 7       | 7       | 50.03  | cps   |
| Holmium    | 165-1 | 6868280 | 6768422 | 6790474 | 6809059 | 0.77   | cps   |
| Holmium    | 165-2 | 1276393 | 1270003 | 1262231 | 1269542 | 0.56   | cps   |
| Indium     | 115-1 | 5262324 | 5270653 | 5216372 | 5249783 | 0.56   | cps   |
| Indium     | 115-2 | 195993  | 191422  | 192076  | 193164  | 1.28   | cps   |
| Iron       | 56-2  | 1639    | 1745    | 1622    | 1669    | 3.97   | cps   |
| Iron       | 57-2  | 39      | 44      | 50      | 44      | 12.50  | cps   |
| Lead       | 206-1 | 606     | 600     | 583     | 596     | 1.94   | cps   |
| Lead       | 207-1 | 606     | 522     | 644     | 591     | 10.57  | cps   |
| Lead       | 208-1 | 2517    | 2661    | 2567    | 2582    | 2.84   | cps   |
| Lithium    | 6-1   | 780108  | 778094  | 780329  | 779511  | 0.16   | cps   |
| Magnesium  | 24-2  | 317     | 283     | 308     | 303     | 5.73   | cps   |
| Manganese  | 55-2  | 17      | 13      | 13      | 14      | 13.35  | cps   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB92809             | Operator :        | Jaswal    |
| Lab Sample ID :         | PB105870BL          | Instrumnet Name : | P8        |
| Client Sample ID :      | PBS008              | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2018-01-22 17:44:15 | DataFile Name :   | 073CCBE.d |

| Parameter  | Mass  | CPS1    | CPS2    | CPS3    | CPSMean | CPSRSD  | Units |
|------------|-------|---------|---------|---------|---------|---------|-------|
| Molybdenum | 94-1  | 225     | 167     | 250     | 214     | 19.99   | cps   |
| Molybdenum | 95-1  | 175     | 167     | 133     | 158     | 13.93   | cps   |
| Molybdenum | 96-1  | 158     | 133     | 233     | 175     | 29.74   | cps   |
| Molybdenum | 97-1  | 100     | 75      | 83      | 86      | 14.79   | cps   |
| Molybdenum | 98-1  | 317     | 125     | 192     | 211     | 46.09   | cps   |
| Neodymium  | 150-1 | 13      | 20      | 13      | 16      | 24.76   | cps   |
| Neodymium  | 150-2 | 0       | 3       | 0       | 1       | 173.21  | cps   |
| Nickel     | 60-2  | 693     | 847     | 743     | 761     | 10.27   | cps   |
| Phosphorus | 31-2  | 0       | 0       | 0       | 0       | 0.00    | cps   |
| Potassium  | 39-2  | 1633    | 1767    | 1525    | 1642    | 7.37    | cps   |
| Rhodium    | 103-1 | 4804013 | 4753853 | 4803940 | 4787269 | 0.60    | cps   |
| Rhodium    | 103-2 | 1143663 | 1126240 | 1127666 | 1132523 | 0.85    | cps   |
| Scandium   | 45-1  | 2631403 | 2601098 | 2574517 | 2602339 | 1.09    | cps   |
| Scandium   | 45-2  | 17104   | 16990   | 17374   | 17156   | 1.15    | cps   |
| Selenium   | 77-2  | 0       | 0       | 0       | 0       | 0.00    | cps   |
| Selenium   | 78-2  | 0       | 7       | 2       | 3       | 124.95  | cps   |
| Selenium   | 82-1  | 35      | -34     | -31     | -10     | -383.92 | cps   |
| Silicon    | 28-1  | 269089  | 267235  | 268405  | 268243  | 0.35    | cps   |
| Silver     | 109-1 | 58      | 125     | 67      | 83      | 43.59   | cps   |
| Silver     | 107-1 | 92      | 133     | 108     | 111     | 18.88   | cps   |
| Sodium     | 23-2  | 5568    | 5626    | 5368    | 5521    | 2.45    | cps   |
| Strontium  | 86-1  | 433     | 275     | 508     | 406     | 29.37   | cps   |
| Strontium  | 88-1  | 92      | 67      | 67      | 75      | 19.24   | cps   |
| Sulfur     | 34-1  | 278390  | 282207  | 281831  | 280809  | 0.75    | cps   |
| Terbium    | 159-1 | 7002217 | 7093919 | 6974177 | 7023438 | 0.89    | cps   |
| Terbium    | 159-2 | 1216285 | 1204287 | 1210344 | 1210305 | 0.50    | cps   |
| Thallium   | 203-1 | 567     | 475     | 633     | 558     | 14.24   | cps   |
| Thallium   | 205-1 | 1008    | 1183    | 1158    | 1117    | 8.48    | cps   |
| Tin        | 118-1 | 500     | 850     | 567     | 639     | 29.09   | cps   |
| Titanium   | 47-1  | 83      | 58      | 108     | 83      | 30.00   | cps   |
| Uranium    | 238-1 | 33      | 25      | 17      | 25      | 33.32   | cps   |
| Vanadium   | 51-2  | 7       | 10      | 7       | 8       | 24.71   | cps   |
| Yttrium    | 89-1  | 5291660 | 5261496 | 5281177 | 5278111 | 0.29    | cps   |
| Yttrium    | 89-2  | 136534  | 137160  | 136605  | 136766  | 0.25    | cps   |
| Zinc       | 66-2  | 10      | 7       | 20      | 12      | 56.76   | cps   |
| Zirconium  | 90-1  | 442     | 358     | 333     | 378     | 15.02   | cps   |



|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB92809             | Operator :        | Jaswal    |
| Lab Sample ID :         | PB105870BL          | Instrumnet Name : | P8        |
| Client Sample ID :      | PBS008              | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2018-01-22 17:44:15 | DataFile Name :   | 073CCBE.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|-----------|------|------|------|------|---------|--------|-------|
| Zirconium | 91-1 | 58   | 67   | 83   | 69      | 18.33  | cps   |

LB Number : LB92809 Operator : Jaswal  
 Lab Sample ID : PB105870BS Instrumnet Name : P8  
 Client Sample ID : LCS008 Dilution Factor : 1  
 Date & Time Acquired :: 2018-01-22 17:47:27 DataFile Name : 074LCSE.d

| Parameter  | Mass  | CPS1    | CPS2    | CPS3    | CPSMean | CPSRSD | Units |
|------------|-------|---------|---------|---------|---------|--------|-------|
| Aluminium  | 27-2  | 133     | 158     | 175     | 156     | 13.48  | cps   |
| Antimony   | 121-1 | 29918   | 29901   | 30419   | 30079   | 0.98   | cps   |
| Arsenic    | 75-2  | 135     | 109     | 122     | 122     | 10.61  | cps   |
| Barium     | 135-1 | 32450   | 32674   | 31413   | 32179   | 2.09   | cps   |
| Barium     | 137-1 | 56915   | 55341   | 55684   | 55980   | 1.48   | cps   |
| Beryllium  | 9-1   | 1695    | 1689    | 1567    | 1650    | 4.38   | cps   |
| Bismuth    | 209-1 | 4833985 | 4721605 | 4805254 | 4786948 | 1.22   | cps   |
| Bismuth    | 209-2 | 1055069 | 1049946 | 1053554 | 1052856 | 0.25   | cps   |
| Boron      | 10-1  | 4626    | 4476    | 4226    | 4443    | 4.55   | cps   |
| Boron      | 11-1  | 19589   | 20457   | 21200   | 20415   | 3.95   | cps   |
| Cadmium    | 111-1 | 3635    | 3620    | 3781    | 3678    | 2.41   | cps   |
| Cadmium    | 106-1 | 1308    | 1258    | 1283    | 1283    | 1.95   | cps   |
| Cadmium    | 108-1 | 242     | 254     | 258     | 251     | 3.45   | cps   |
| Calcium    | 43-1  | 13649   | 14792   | 14825   | 14422   | 4.64   | cps   |
| Calcium    | 44-1  | 232598  | 233427  | 231935  | 232653  | 0.32   | cps   |
| Chromium   | 52-2  | 2524    | 2484    | 2197    | 2401    | 7.42   | cps   |
| Cobalt     | 59-2  | 2314    | 2430    | 2280    | 2341    | 3.36   | cps   |
| Copper     | 63-2  | 4271    | 4344    | 4267    | 4294    | 1.01   | cps   |
| Dysprosium | 156-1 | 8       | 8       | 8       | 8       | 0.00   | cps   |
| Dysprosium | 156-2 | 0       | 0       | 0       | 0       | 0.00   | cps   |
| Erbium     | 164-1 | 83      | 92      | 33      | 69      | 45.44  | cps   |
| Erbium     | 164-2 | 7       | 0       | 13      | 7       | 99.98  | cps   |
| Gadolinium | 160-1 | 42      | 83      | 58      | 61      | 34.32  | cps   |
| Gadolinium | 160-2 | 3       | 3       | 7       | 4       | 43.40  | cps   |
| Holmium    | 165-1 | 6808522 | 6732133 | 6864909 | 6801855 | 0.98   | cps   |
| Holmium    | 165-2 | 1267384 | 1273637 | 1272651 | 1271224 | 0.26   | cps   |
| Indium     | 115-1 | 5227991 | 5158572 | 5241907 | 5209490 | 0.86   | cps   |
| Indium     | 115-2 | 194429  | 194228  | 194385  | 194347  | 0.05   | cps   |
| Iron       | 56-2  | 162906  | 164222  | 163828  | 163652  | 0.41   | cps   |
| Iron       | 57-2  | 4529    | 4040    | 3962    | 4177    | 7.36   | cps   |
| Lead       | 206-1 | 11239   | 11572   | 10938   | 11250   | 2.82   | cps   |
| Lead       | 207-1 | 10805   | 10516   | 10471   | 10597   | 1.71   | cps   |
| Lead       | 208-1 | 46696   | 47503   | 46624   | 46941   | 1.04   | cps   |
| Lithium    | 6-1   | 779055  | 764793  | 783929  | 775926  | 1.28   | cps   |
| Magnesium  | 24-2  | 17061   | 17370   | 17770   | 17400   | 2.04   | cps   |
| Manganese  | 55-2  | 337     | 357     | 340     | 344     | 3.11   | cps   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB92809             | Operator :        | Jaswal    |
| Lab Sample ID :         | PB105870BS          | Instrumnet Name : | P8        |
| Client Sample ID :      | LCS008              | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2018-01-22 17:47:27 | DataFile Name :   | 074LCSE.d |

| Parameter  | Mass  | CPS1    | CPS2    | CPS3    | CPSMean | CPSRSD | Units |
|------------|-------|---------|---------|---------|---------|--------|-------|
| Molybdenum | 94-1  | 24523   | 23905   | 24406   | 24278   | 1.35   | cps   |
| Molybdenum | 95-1  | 28748   | 29508   | 30151   | 29469   | 2.38   | cps   |
| Molybdenum | 96-1  | 33634   | 33225   | 32907   | 33256   | 1.10   | cps   |
| Molybdenum | 97-1  | 17779   | 18355   | 18972   | 18369   | 3.25   | cps   |
| Molybdenum | 98-1  | 47510   | 47033   | 48220   | 47587   | 1.25   | cps   |
| Neodymium  | 150-1 | 13      | 0       | 7       | 7       | 99.98  | cps   |
| Neodymium  | 150-2 | 0       | 0       | 0       | 0       | 0.00   | cps   |
| Nickel     | 60-2  | 1510    | 1627    | 1613    | 1583    | 4.03   | cps   |
| Phosphorus | 31-2  | 0       | 0       | 8       | 3       | 173.21 | cps   |
| Potassium  | 39-2  | 11413   | 10788   | 10554   | 10919   | 4.07   | cps   |
| Rhodium    | 103-1 | 4767733 | 4748486 | 4816599 | 4777606 | 0.73   | cps   |
| Rhodium    | 103-2 | 1147335 | 1132700 | 1139607 | 1139880 | 0.64   | cps   |
| Scandium   | 45-1  | 2622970 | 2517020 | 2613866 | 2584619 | 2.27   | cps   |
| Scandium   | 45-2  | 17451   | 16947   | 17374   | 17257   | 1.57   | cps   |
| Selenium   | 77-2  | 10      | 7       | 3       | 7       | 50.03  | cps   |
| Selenium   | 78-2  | 6       | 11      | 28      | 15      | 78.05  | cps   |
| Selenium   | 82-1  | 849     | 931     | 937     | 906     | 5.42   | cps   |
| Silicon    | 28-1  | 355850  | 350833  | 350884  | 352522  | 0.82   | cps   |
| Silver     | 109-1 | 15376   | 14767   | 14951   | 15031   | 2.08   | cps   |
| Silver     | 107-1 | 15710   | 15042   | 15459   | 15404   | 2.19   | cps   |
| Sodium     | 23-2  | 44730   | 46285   | 44637   | 45217   | 2.05   | cps   |
| Strontium  | 86-1  | 4593    | 4484    | 4434    | 4504    | 1.80   | cps   |
| Strontium  | 88-1  | 33743   | 33952   | 34227   | 33974   | 0.72   | cps   |
| Sulfur     | 34-1  | 285021  | 284112  | 281019  | 283384  | 0.74   | cps   |
| Terbium    | 159-1 | 7030300 | 6941416 | 7040104 | 7003940 | 0.78   | cps   |
| Terbium    | 159-2 | 1221119 | 1219250 | 1208193 | 1216187 | 0.57   | cps   |
| Thallium   | 203-1 | 14292   | 13783   | 13700   | 13925   | 2.30   | cps   |
| Thallium   | 205-1 | 33847   | 32777   | 32610   | 33078   | 2.03   | cps   |
| Tin        | 118-1 | 50271   | 49902   | 50781   | 50318   | 0.88   | cps   |
| Titanium   | 47-1  | 7069    | 7060    | 6510    | 6880    | 4.65   | cps   |
| Uranium    | 238-1 | 43594   | 43653   | 43669   | 43639   | 0.09   | cps   |
| Vanadium   | 51-2  | 3674    | 3791    | 3801    | 3755    | 1.88   | cps   |
| Yttrium    | 89-1  | 5240017 | 5167291 | 5288018 | 5231775 | 1.16   | cps   |
| Yttrium    | 89-2  | 137173  | 136702  | 137500  | 137125  | 0.29   | cps   |
| Zinc       | 66-2  | 390     | 453     | 400     | 414     | 8.22   | cps   |
| Zirconium  | 90-1  | 21468   | 21251   | 22035   | 21585   | 1.88   | cps   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB92809             | Operator :        | Jaswal    |
| Lab Sample ID :         | PB105870BS          | Instrumnet Name : | P8        |
| Client Sample ID :      | LCS008              | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2018-01-22 17:47:27 | DataFile Name :   | 074LCSE.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|-----------|------|------|------|------|---------|--------|-------|
| Zirconium | 91-1 | 5018 | 4793 | 4909 | 4907    | 2.29   | cps   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB92809             | Operator :        | Jaswal    |
| Lab Sample ID :         | PB105864BL          | Instrumnet Name : | P8        |
| Client Sample ID :      | PBW007              | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2018-01-22 17:50:39 | DataFile Name :   | 075CCBE.d |

| Parameter  | Mass  | CPS1    | CPS2    | CPS3    | CPSMean | CPSRSD | Units |
|------------|-------|---------|---------|---------|---------|--------|-------|
| Aluminium  | 27-2  | 8       | 8       | 0       | 6       | 86.60  | cps   |
| Antimony   | 121-1 | 417     | 392     | 375     | 394     | 5.32   | cps   |
| Arsenic    | 75-2  | 6       | 4       | 2       | 4       | 50.09  | cps   |
| Barium     | 135-1 | 17      | 33      | 42      | 31      | 41.66  | cps   |
| Barium     | 137-1 | 25      | 58      | 58      | 47      | 40.76  | cps   |
| Beryllium  | 9-1   | 94      | 94      | 78      | 89      | 10.83  | cps   |
| Bismuth    | 209-1 | 4771980 | 4293727 | 4817859 | 4627856 | 6.27   | cps   |
| Bismuth    | 209-2 | 1052702 | 1060521 | 1058224 | 1057149 | 0.38   | cps   |
| Boron      | 10-1  | 442     | 525     | 458     | 475     | 9.28   | cps   |
| Boron      | 11-1  | 2125    | 2184    | 2117    | 2142    | 1.70   | cps   |
| Cadmium    | 111-1 | 731     | 556     | 725     | 671     | 14.79  | cps   |
| Cadmium    | 106-1 | 1025    | 775     | 1033    | 945     | 15.54  | cps   |
| Cadmium    | 108-1 | 4       | 4       | 4       | 4       | 0.00   | cps   |
| Calcium    | 43-1  | 500     | 625     | 617     | 581     | 12.04  | cps   |
| Calcium    | 44-1  | 9887    | 10021   | 9929    | 9946    | 0.69   | cps   |
| Chromium   | 52-2  | 180     | 113     | 190     | 161     | 25.87  | cps   |
| Cobalt     | 59-2  | 37      | 20      | 30      | 29      | 29.04  | cps   |
| Copper     | 63-2  | 100     | 107     | 90      | 99      | 8.48   | cps   |
| Dysprosium | 156-1 | 8       | 0       | 17      | 8       | 100.02 | cps   |
| Dysprosium | 156-2 | 0       | 0       | 0       | 0       | 0.00   | cps   |
| Erbium     | 164-1 | 25      | 8       | 17      | 17      | 50.01  | cps   |
| Erbium     | 164-2 | 7       | 3       | 0       | 3       | 100.05 | cps   |
| Gadolinium | 160-1 | 8       | 33      | 17      | 19      | 65.47  | cps   |
| Gadolinium | 160-2 | 3       | 7       | 7       | 6       | 34.70  | cps   |
| Holmium    | 165-1 | 6807041 | 6133089 | 6838530 | 6592887 | 6.04   | cps   |
| Holmium    | 165-2 | 1262924 | 1275956 | 1279344 | 1272741 | 0.68   | cps   |
| Indium     | 115-1 | 5211549 | 4738380 | 5229497 | 5059809 | 5.50   | cps   |
| Indium     | 115-2 | 192764  | 195372  | 192698  | 193611  | 0.79   | cps   |
| Iron       | 56-2  | 1506    | 1367    | 1289    | 1387    | 7.91   | cps   |
| Iron       | 57-2  | 44      | 39      | 33      | 39      | 14.30  | cps   |
| Lead       | 206-1 | 567     | 561     | 572     | 567     | 0.98   | cps   |
| Lead       | 207-1 | 489     | 483     | 533     | 502     | 5.46   | cps   |
| Lead       | 208-1 | 2267    | 2345    | 2233    | 2282    | 2.50   | cps   |
| Lithium    | 6-1   | 780523  | 709632  | 773790  | 754648  | 5.19   | cps   |
| Magnesium  | 24-2  | 300     | 317     | 275     | 297     | 7.06   | cps   |
| Manganese  | 55-2  | 7       | 10      | 13      | 10      | 33.30  | cps   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB92809             | Operator :        | Jaswal    |
| Lab Sample ID :         | PB105864BL          | Instrumnet Name : | P8        |
| Client Sample ID :      | PBW007              | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2018-01-22 17:50:39 | DataFile Name :   | 075CCBE.d |

| Parameter  | Mass  | CPS1    | CPS2    | CPS3    | CPSMean | CPSRSD  | Units |
|------------|-------|---------|---------|---------|---------|---------|-------|
| Molybdenum | 94-1  | 92      | 108     | 150     | 117     | 25.76   | cps   |
| Molybdenum | 95-1  | 83      | 42      | 100     | 75      | 40.06   | cps   |
| Molybdenum | 96-1  | 58      | 92      | 108     | 86      | 29.56   | cps   |
| Molybdenum | 97-1  | 92      | 42      | 25      | 53      | 65.74   | cps   |
| Molybdenum | 98-1  | 92      | 75      | 133     | 100     | 30.05   | cps   |
| Neodymium  | 150-1 | 0       | 7       | 0       | 2       | 173.21  | cps   |
| Neodymium  | 150-2 | 0       | 0       | 0       | 0       | 0.00    | cps   |
| Nickel     | 60-2  | 747     | 777     | 807     | 777     | 3.86    | cps   |
| Phosphorus | 31-2  | 0       | 0       | 0       | 0       | 0.00    | cps   |
| Potassium  | 39-2  | 1625    | 1617    | 1508    | 1583    | 4.11    | cps   |
| Rhodium    | 103-1 | 4750627 | 4281525 | 4684902 | 4572351 | 5.56    | cps   |
| Rhodium    | 103-2 | 1124741 | 1136655 | 1141126 | 1134174 | 0.75    | cps   |
| Scandium   | 45-1  | 2602370 | 2336469 | 2619135 | 2519325 | 6.29    | cps   |
| Scandium   | 45-2  | 17014   | 17308   | 17655   | 17325   | 1.85    | cps   |
| Selenium   | 77-2  | 0       | 0       | 0       | 0       | 0.00    | cps   |
| Selenium   | 78-2  | 6       | 7       | 0       | 4       | 89.21   | cps   |
| Selenium   | 82-1  | 54      | -31     | -62     | -13     | -465.05 | cps   |
| Silicon    | 28-1  | 269035  | 278196  | 269552  | 272261  | 1.89    | cps   |
| Silver     | 109-1 | 42      | 100     | 100     | 81      | 41.81   | cps   |
| Silver     | 107-1 | 50      | 100     | 158     | 103     | 52.75   | cps   |
| Sodium     | 23-2  | 5435    | 4943    | 5159    | 5179    | 4.76    | cps   |
| Strontium  | 86-1  | 400     | 475     | 400     | 425     | 10.19   | cps   |
| Strontium  | 88-1  | 25      | 150     | 108     | 94      | 67.39   | cps   |
| Sulfur     | 34-1  | 280821  | 279182  | 282921  | 280975  | 0.67    | cps   |
| Terbium    | 159-1 | 6996284 | 6286031 | 6978664 | 6753660 | 6.00    | cps   |
| Terbium    | 159-2 | 1207580 | 1213177 | 1218820 | 1213192 | 0.46    | cps   |
| Thallium   | 203-1 | 375     | 408     | 400     | 394     | 4.40    | cps   |
| Thallium   | 205-1 | 867     | 933     | 950     | 917     | 4.81    | cps   |
| Tin        | 118-1 | 425     | 567     | 583     | 525     | 16.57   | cps   |
| Titanium   | 47-1  | 75      | 25      | 100     | 67      | 57.29   | cps   |
| Uranium    | 238-1 | 33      | 17      | 17      | 22      | 43.28   | cps   |
| Vanadium   | 51-2  | 0       | 3       | 0       | 1       | 173.21  | cps   |
| Yttrium    | 89-1  | 5221372 | 4705142 | 5288423 | 5071645 | 6.29    | cps   |
| Yttrium    | 89-2  | 136409  | 137477  | 138456  | 137448  | 0.74    | cps   |
| Zinc       | 66-2  | 13      | 13      | 13      | 13      | 0.00    | cps   |
| Zirconium  | 90-1  | 258     | 475     | 383     | 372     | 29.22   | cps   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB92809             | Operator :        | Jaswal    |
| Lab Sample ID :         | PB105864BL          | Instrumnet Name : | P8        |
| Client Sample ID :      | PBW007              | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2018-01-22 17:50:39 | DataFile Name :   | 075CCBE.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|-----------|------|------|------|------|---------|--------|-------|
| Zirconium | 91-1 | 75   | 75   | 75   | 75      | 0.00   | cps   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB92809             | Operator :        | Jaswal    |
| Lab Sample ID :         | PB105864BS          | Instrumnet Name : | P8        |
| Client Sample ID :      | LCS007              | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2018-01-22 17:53:51 | DataFile Name :   | 076LCSE.d |

| Parameter  | Mass  | CPS1    | CPS2    | CPS3    | CPSMean | CPSRSD | Units |
|------------|-------|---------|---------|---------|---------|--------|-------|
| Aluminium  | 27-2  | 192     | 108     | 100     | 133     | 38.02  | cps   |
| Antimony   | 121-1 | 29550   | 28874   | 29551   | 29325   | 1.33   | cps   |
| Arsenic    | 75-2  | 137     | 141     | 146     | 141     | 3.30   | cps   |
| Barium     | 135-1 | 31472   | 31764   | 31756   | 31664   | 0.53   | cps   |
| Barium     | 137-1 | 54547   | 54137   | 55317   | 54667   | 1.10   | cps   |
| Beryllium  | 9-1   | 1572    | 1472    | 1578    | 1541    | 3.86   | cps   |
| Bismuth    | 209-1 | 4825957 | 4808019 | 4833869 | 4822615 | 0.27   | cps   |
| Bismuth    | 209-2 | 1065270 | 1053554 | 1063425 | 1060750 | 0.59   | cps   |
| Boron      | 10-1  | 3992    | 4267    | 4501    | 4254    | 5.98   | cps   |
| Boron      | 11-1  | 19172   | 20098   | 20524   | 19931   | 3.47   | cps   |
| Cadmium    | 111-1 | 3940    | 3921    | 3763    | 3875    | 2.51   | cps   |
| Cadmium    | 106-1 | 1267    | 1458    | 1108    | 1278    | 13.72  | cps   |
| Cadmium    | 108-1 | 258     | 167     | 192     | 206     | 23.05  | cps   |
| Calcium    | 43-1  | 13732   | 14350   | 13941   | 14008   | 2.24   | cps   |
| Calcium    | 44-1  | 232165  | 229415  | 231852  | 231144  | 0.65   | cps   |
| Chromium   | 52-2  | 2454    | 2210    | 2290    | 2318    | 5.35   | cps   |
| Cobalt     | 59-2  | 2344    | 2384    | 2374    | 2367    | 0.88   | cps   |
| Copper     | 63-2  | 4267    | 4071    | 4204    | 4181    | 2.40   | cps   |
| Dysprosium | 156-1 | 25      | 8       | 17      | 17      | 50.01  | cps   |
| Dysprosium | 156-2 | 3       | 3       | 0       | 2       | 86.60  | cps   |
| Erbium     | 164-1 | 58      | 50      | 42      | 50      | 16.67  | cps   |
| Erbium     | 164-2 | 13      | 13      | 7       | 11      | 34.61  | cps   |
| Gadolinium | 160-1 | 33      | 8       | 58      | 33      | 75.02  | cps   |
| Gadolinium | 160-2 | 3       | 10      | 7       | 7       | 50.03  | cps   |
| Holmium    | 165-1 | 6776173 | 6774520 | 6857758 | 6802817 | 0.70   | cps   |
| Holmium    | 165-2 | 1278965 | 1274825 | 1274451 | 1276081 | 0.20   | cps   |
| Indium     | 115-1 | 5301849 | 5231624 | 5257259 | 5263577 | 0.68   | cps   |
| Indium     | 115-2 | 195760  | 194992  | 196294  | 195682  | 0.33   | cps   |
| Iron       | 56-2  | 163755  | 161242  | 162183  | 162393  | 0.78   | cps   |
| Iron       | 57-2  | 3956    | 4034    | 4212    | 4067    | 3.22   | cps   |
| Lead       | 206-1 | 11567   | 11572   | 11266   | 11468   | 1.53   | cps   |
| Lead       | 207-1 | 10544   | 10127   | 9943    | 10204   | 3.02   | cps   |
| Lead       | 208-1 | 46996   | 46585   | 46140   | 46574   | 0.92   | cps   |
| Lithium    | 6-1   | 788225  | 787033  | 780880  | 785379  | 0.50   | cps   |
| Magnesium  | 24-2  | 17970   | 17737   | 17420   | 17709   | 1.56   | cps   |
| Manganese  | 55-2  | 300     | 247     | 300     | 282     | 10.91  | cps   |



|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB92809             | Operator :        | Jaswal    |
| Lab Sample ID :         | PB105864BS          | Instrumnet Name : | P8        |
| Client Sample ID :      | LCS007              | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2018-01-22 17:53:51 | DataFile Name :   | 076LCSE.d |

| Parameter  | Mass  | CPS1    | CPS2    | CPS3    | CPSMean | CPSRSD | Units |
|------------|-------|---------|---------|---------|---------|--------|-------|
| Molybdenum | 94-1  | 24915   | 24673   | 24565   | 24718   | 0.73   | cps   |
| Molybdenum | 95-1  | 29115   | 29032   | 28331   | 28826   | 1.50   | cps   |
| Molybdenum | 96-1  | 32415   | 32666   | 32373   | 32484   | 0.49   | cps   |
| Molybdenum | 97-1  | 18230   | 19114   | 18513   | 18619   | 2.43   | cps   |
| Molybdenum | 98-1  | 47476   | 47208   | 46657   | 47113   | 0.89   | cps   |
| Neodymium  | 150-1 | 0       | 7       | 0       | 2       | 173.21 | cps   |
| Neodymium  | 150-2 | 0       | 3       | 0       | 1       | 173.21 | cps   |
| Nickel     | 60-2  | 1700    | 1610    | 1557    | 1622    | 4.47   | cps   |
| Phosphorus | 31-2  | 8       | 8       | 8       | 8       | 0.00   | cps   |
| Potassium  | 39-2  | 11113   | 10788   | 10813   | 10905   | 1.66   | cps   |
| Rhodium    | 103-1 | 4816237 | 4819247 | 4791778 | 4809088 | 0.31   | cps   |
| Rhodium    | 103-2 | 1142111 | 1132524 | 1139856 | 1138164 | 0.44   | cps   |
| Scandium   | 45-1  | 2619559 | 2616810 | 2612382 | 2616250 | 0.14   | cps   |
| Scandium   | 45-2  | 17451   | 17318   | 17294   | 17354   | 0.49   | cps   |
| Selenium   | 77-2  | 7       | 3       | 3       | 4       | 43.40  | cps   |
| Selenium   | 78-2  | 11      | 17      | 17      | 15      | 21.67  | cps   |
| Selenium   | 82-1  | 852     | 887     | 927     | 888     | 4.22   | cps   |
| Silicon    | 28-1  | 356088  | 356791  | 350081  | 354320  | 1.04   | cps   |
| Silver     | 109-1 | 14525   | 14692   | 14500   | 14572   | 0.72   | cps   |
| Silver     | 107-1 | 15251   | 15468   | 14850   | 15190   | 2.06   | cps   |
| Sodium     | 23-2  | 44061   | 42756   | 45708   | 44175   | 3.35   | cps   |
| Strontium  | 86-1  | 4201    | 4226    | 4684    | 4370    | 6.23   | cps   |
| Strontium  | 88-1  | 33400   | 32941   | 33852   | 33397   | 1.36   | cps   |
| Sulfur     | 34-1  | 288892  | 281695  | 283811  | 284799  | 1.30   | cps   |
| Terbium    | 159-1 | 6978292 | 6947434 | 7034670 | 6986799 | 0.63   | cps   |
| Terbium    | 159-2 | 1226115 | 1213682 | 1229004 | 1222933 | 0.67   | cps   |
| Thallium   | 203-1 | 13216   | 13266   | 13224   | 13235   | 0.20   | cps   |
| Thallium   | 205-1 | 33270   | 32117   | 32852   | 32746   | 1.78   | cps   |
| Tin        | 118-1 | 51291   | 50555   | 50597   | 50814   | 0.81   | cps   |
| Titanium   | 47-1  | 6969    | 6919    | 6618    | 6835    | 2.77   | cps   |
| Uranium    | 238-1 | 41328   | 42139   | 43159   | 42209   | 2.17   | cps   |
| Vanadium   | 51-2  | 3651    | 3841    | 3744    | 3745    | 2.54   | cps   |
| Yttrium    | 89-1  | 5268504 | 5221214 | 5297286 | 5262335 | 0.73   | cps   |
| Yttrium    | 89-2  | 139469  | 136709  | 137642  | 137940  | 1.02   | cps   |
| Zinc       | 66-2  | 367     | 287     | 417     | 357     | 18.38  | cps   |
| Zirconium  | 90-1  | 21418   | 20917   | 21351   | 21228   | 1.28   | cps   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB92809             | Operator :        | Jaswal    |
| Lab Sample ID :         | PB105864BS          | Instrumnet Name : | P8        |
| Client Sample ID :      | LCS007              | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2018-01-22 17:53:51 | DataFile Name :   | 076LCSE.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|-----------|------|------|------|------|---------|--------|-------|
| Zirconium | 91-1 | 4776 | 4768 | 4726 | 4757    | 0.56   | cps   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB92809             | Operator :        | Jaswal    |
| Lab Sample ID :         | J1226-01            | Instrumnet Name : | P8        |
| Client Sample ID :      | MF6A95              | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2018-01-22 17:57:04 | DataFile Name :   | 077SMPL.d |

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|------------|-------|----------|----------|----------|----------|--------|-------|
| Aluminium  | 27-2  | 47447    | 47916    | 45658    | 47007    | 2.54   | cps   |
| Antimony   | 121-1 | 5293     | 5777     | 5585     | 5551     | 4.39   | cps   |
| Arsenic    | 75-2  | 2380     | 2389     | 2250     | 2340     | 3.32   | cps   |
| Barium     | 135-1 | 912396   | 922202   | 908832   | 914477   | 0.76   | cps   |
| Barium     | 137-1 | 1639338  | 1632493  | 1646155  | 1639329  | 0.42   | cps   |
| Beryllium  | 9-1   | 1550     | 1389     | 1450     | 1463     | 5.56   | cps   |
| Bismuth    | 209-1 | 4848426  | 4899499  | 4936955  | 4894960  | 0.91   | cps   |
| Bismuth    | 209-2 | 1051778  | 1049819  | 1039044  | 1046880  | 0.66   | cps   |
| Boron      | 10-1  | 950      | 958      | 1100     | 1003     | 8.41   | cps   |
| Boron      | 11-1  | 4276     | 4576     | 3926     | 4259     | 7.64   | cps   |
| Cadmium    | 111-1 | 2077     | 2064     | 2133     | 2091     | 1.77   | cps   |
| Cadmium    | 106-1 | 1300     | 1417     | 1550     | 1422     | 8.80   | cps   |
| Cadmium    | 108-1 | 250      | 308      | 271      | 276      | 10.69  | cps   |
| Calcium    | 43-1  | 574881   | 577454   | 577163   | 576499   | 0.24   | cps   |
| Calcium    | 44-1  | 9532097  | 9503026  | 9380675  | 9471933  | 0.85   | cps   |
| Chromium   | 52-2  | 115303   | 115206   | 112843   | 114451   | 1.22   | cps   |
| Cobalt     | 59-2  | 35221    | 35415    | 34910    | 35182    | 0.72   | cps   |
| Copper     | 63-2  | 60893    | 60468    | 59671    | 60344    | 1.03   | cps   |
| Dysprosium | 156-1 | 39845    | 38558    | 38098    | 38834    | 2.33   | cps   |
| Dysprosium | 156-2 | 6959     | 7125     | 7342     | 7142     | 2.69   | cps   |
| Erbium     | 164-1 | 29710    | 29861    | 30336    | 29969    | 1.09   | cps   |
| Erbium     | 164-2 | 5488     | 5571     | 5331     | 5463     | 2.23   | cps   |
| Gadolinium | 160-1 | 34313    | 34195    | 33343    | 33951    | 1.56   | cps   |
| Gadolinium | 160-2 | 8289     | 8773     | 8203     | 8422     | 3.65   | cps   |
| Holmium    | 165-1 | 6918129  | 7051903  | 6938420  | 6969484  | 1.03   | cps   |
| Holmium    | 165-2 | 1276493  | 1287924  | 1268199  | 1277538  | 0.78   | cps   |
| Indium     | 115-1 | 5259667  | 5323946  | 5275721  | 5286445  | 0.63   | cps   |
| Indium     | 115-2 | 190933   | 192080   | 190009   | 191007   | 0.54   | cps   |
| Iron       | 56-2  | 15268915 | 15462733 | 15258348 | 15329998 | 0.75   | cps   |
| Iron       | 57-2  | 380741   | 380082   | 378179   | 379667   | 0.35   | cps   |
| Lead       | 206-1 | 827722   | 825065   | 822794   | 825194   | 0.30   | cps   |
| Lead       | 207-1 | 686066   | 690956   | 686501   | 687841   | 0.39   | cps   |
| Lead       | 208-1 | 3300548  | 3289254  | 3310683  | 3300162  | 0.32   | cps   |
| Lithium    | 6-1   | 778419   | 776588   | 775411   | 776806   | 0.20   | cps   |
| Magnesium  | 24-2  | 50365    | 49378    | 49270    | 49671    | 1.21   | cps   |
| Manganese  | 55-2  | 190121   | 191077   | 191249   | 190816   | 0.32   | cps   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB92809             | Operator :        | Jaswal    |
| Lab Sample ID :         | J1226-01            | Instrumnet Name : | P8        |
| Client Sample ID :      | MF6A95              | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2018-01-22 17:57:04 | DataFile Name :   | 077SMPL.d |

| Parameter  | Mass  | CPS1    | CPS2    | CPS3     | CPSMean | CPSRSD | Units |
|------------|-------|---------|---------|----------|---------|--------|-------|
| Molybdenum | 94-1  | 22579   | 22878   | 21952    | 22470   | 2.10   | cps   |
| Molybdenum | 95-1  | 4334    | 4051    | 4534     | 4306    | 5.64   | cps   |
| Molybdenum | 96-1  | 8169    | 8445    | 8637     | 8417    | 2.79   | cps   |
| Molybdenum | 97-1  | 2942    | 2975    | 2625     | 2848    | 6.79   | cps   |
| Molybdenum | 98-1  | 6810    | 7027    | 7052     | 6963    | 1.91   | cps   |
| Neodymium  | 150-1 | 53931   | 54761   | 54731    | 54474   | 0.86   | cps   |
| Neodymium  | 150-2 | 6382    | 6155    | 5961     | 6166    | 3.41   | cps   |
| Nickel     | 60-2  | 6031    | 6168    | 6275     | 6158    | 1.98   | cps   |
| Phosphorus | 31-2  | 175     | 175     | 67       | 139     | 45.03  | cps   |
| Potassium  | 39-2  | 10579   | 11105   | 10454    | 10713   | 3.22   | cps   |
| Rhodium    | 103-1 | 4809691 | 4804292 | 4785521  | 4799835 | 0.26   | cps   |
| Rhodium    | 103-2 | 1123837 | 1129035 | 1120962  | 1124611 | 0.36   | cps   |
| Scandium   | 45-1  | 2658425 | 2660427 | 2660962  | 2659938 | 0.05   | cps   |
| Scandium   | 45-2  | 17391   | 17421   | 17471    | 17428   | 0.23   | cps   |
| Selenium   | 77-2  | 47      | 23      | 13       | 28      | 61.59  | cps   |
| Selenium   | 78-2  | 19      | 20      | 17       | 19      | 9.99   | cps   |
| Selenium   | 82-1  | 105     | 64      | 126      | 99      | 32.16  | cps   |
| Silicon    | 28-1  | 6797114 | 6084365 | 13009692 | 8630391 | 44.14  | cps   |
| Silver     | 109-1 | 1192    | 1242    | 1300     | 1245    | 4.36   | cps   |
| Silver     | 107-1 | 1350    | 1408    | 1292     | 1350    | 4.32   | cps   |
| Sodium     | 23-2  | 15042   | 15434   | 15768    | 15414   | 2.36   | cps   |
| Strontium  | 86-1  | 309820  | 308360  | 310570   | 309583  | 0.36   | cps   |
| Strontium  | 88-1  | 2752369 | 2792982 | 2769432  | 2771594 | 0.74   | cps   |
| Sulfur     | 34-1  | 281266  | 278537  | 279198   | 279667  | 0.51   | cps   |
| Terbium    | 159-1 | 7111751 | 7156146 | 7130870  | 7132922 | 0.31   | cps   |
| Terbium    | 159-2 | 1223892 | 1219996 | 1221051  | 1221646 | 0.16   | cps   |
| Thallium   | 203-1 | 1909    | 2025    | 2042     | 1992    | 3.65   | cps   |
| Thallium   | 205-1 | 4576    | 4718    | 4484     | 4593    | 2.56   | cps   |
| Tin        | 118-1 | 12732   | 12790   | 13466    | 12996   | 3.14   | cps   |
| Titanium   | 47-1  | 23729   | 28237   | 22650    | 24872   | 11.92  | cps   |
| Uranium    | 238-1 | 34056   | 35837   | 35460    | 35118   | 2.67   | cps   |
| Vanadium   | 51-2  | 29514   | 29745   | 29321    | 29527   | 0.72   | cps   |
| Yttrium    | 89-1  | 5676730 | 5697912 | 5690549  | 5688397 | 0.19   | cps   |
| Yttrium    | 89-2  | 142747  | 145381  | 142847   | 143658  | 1.04   | cps   |
| Zinc       | 66-2  | 231008  | 233616  | 230821   | 231815  | 0.67   | cps   |
| Zirconium  | 90-1  | 53707   | 54244   | 53512    | 53821   | 0.70   | cps   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB92809             | Operator :        | Jaswal    |
| Lab Sample ID :         | J1226-01            | Instrumnet Name : | P8        |
| Client Sample ID :      | MF6A95              | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2018-01-22 17:57:04 | DataFile Name :   | 077SMPL.d |

| Parameter | Mass | CPS1  | CPS2  | CPS3  | CPSMean | CPSRSD | Units |
|-----------|------|-------|-------|-------|---------|--------|-------|
| Zirconium | 91-1 | 12323 | 12515 | 12331 | 12390   | 0.88   | cps   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB92809             | Operator :        | Jaswal    |
| Lab Sample ID :         | J1226-02            | Instrumnet Name : | P8        |
| Client Sample ID :      | MF6A96              | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2018-01-22 18:00:15 | DataFile Name :   | 078SMPL.d |

| Parameter  | Mass  | CPS1    | CPS2    | CPS3     | CPSMean | CPSRSD | Units |
|------------|-------|---------|---------|----------|---------|--------|-------|
| Aluminium  | 27-2  | 48885   | 49462   | 48217    | 48855   | 1.28   | cps   |
| Antimony   | 121-1 | 2042    | 2225    | 2250     | 2172    | 5.24   | cps   |
| Arsenic    | 75-2  | 552     | 494     | 593      | 546     | 9.03   | cps   |
| Barium     | 135-1 | 975990  | 970415  | 971575   | 972660  | 0.30   | cps   |
| Barium     | 137-1 | 1747798 | 1737892 | 1738912  | 1741534 | 0.31   | cps   |
| Beryllium  | 9-1   | 1595    | 1689    | 1628     | 1637    | 2.93   | cps   |
| Bismuth    | 209-1 | 4896478 | 4852179 | 4853794  | 4867484 | 0.52   | cps   |
| Bismuth    | 209-2 | 1050694 | 959641  | 991787   | 1000707 | 4.61   | cps   |
| Boron      | 10-1  | 592     | 600     | 492      | 561     | 10.74  | cps   |
| Boron      | 11-1  | 2517    | 2567    | 2425     | 2503    | 2.87   | cps   |
| Cadmium    | 111-1 | 865     | 870     | 1134     | 956     | 16.09  | cps   |
| Cadmium    | 106-1 | 1025    | 1067    | 1350     | 1147    | 15.42  | cps   |
| Cadmium    | 108-1 | 88      | 50      | 46       | 61      | 37.55  | cps   |
| Calcium    | 43-1  | 288951  | 292232  | 288549   | 289911  | 0.70   | cps   |
| Calcium    | 44-1  | 4787109 | 4774731 | 4794639  | 4785493 | 0.21   | cps   |
| Chromium   | 52-2  | 13130   | 13777   | 13684    | 13530   | 2.59   | cps   |
| Cobalt     | 59-2  | 27284   | 26866   | 27314    | 27154   | 0.92   | cps   |
| Copper     | 63-2  | 16897   | 16607   | 17074    | 16859   | 1.40   | cps   |
| Dysprosium | 156-1 | 52473   | 52305   | 53233    | 52671   | 0.94   | cps   |
| Dysprosium | 156-2 | 10084   | 9917    | 10471    | 10157   | 2.80   | cps   |
| Erbium     | 164-1 | 40281   | 41911   | 41116    | 41103   | 1.98   | cps   |
| Erbium     | 164-2 | 6955    | 6932    | 7089     | 6992    | 1.21   | cps   |
| Gadolinium | 160-1 | 48877   | 47972   | 48023    | 48290   | 1.05   | cps   |
| Gadolinium | 160-2 | 11876   | 11872   | 11652    | 11800   | 1.09   | cps   |
| Holmium    | 165-1 | 6917538 | 6951283 | 6917034  | 6928618 | 0.28   | cps   |
| Holmium    | 165-2 | 1270864 | 1163856 | 1209827  | 1214849 | 4.42   | cps   |
| Indium     | 115-1 | 5256285 | 5240750 | 5258229  | 5251754 | 0.18   | cps   |
| Indium     | 115-2 | 190340  | 174864  | 178129   | 181111  | 4.50   | cps   |
| Iron       | 56-2  | 9920750 | 9909039 | 10001150 | 9943646 | 0.50   | cps   |
| Iron       | 57-2  | 246100  | 248041  | 248611   | 247584  | 0.53   | cps   |
| Lead       | 206-1 | 272256  | 268930  | 269045   | 270077  | 0.70   | cps   |
| Lead       | 207-1 | 223686  | 224763  | 221132   | 223194  | 0.84   | cps   |
| Lead       | 208-1 | 1051417 | 1051981 | 1045004  | 1049467 | 0.37   | cps   |
| Lithium    | 6-1   | 774230  | 772862  | 770943   | 772678  | 0.21   | cps   |
| Magnesium  | 24-2  | 66640   | 65142   | 66933    | 66238   | 1.45   | cps   |
| Manganese  | 55-2  | 189118  | 187806  | 187780   | 188235  | 0.41   | cps   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB92809             | Operator :        | Jaswal    |
| Lab Sample ID :         | J1226-02            | Instrumnet Name : | P8        |
| Client Sample ID :      | MF6A96              | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2018-01-22 18:00:15 | DataFile Name :   | 078SMPL.d |

| Parameter  | Mass  | CPS1    | CPS2    | CPS3    | CPSMean | CPSRSD | Units |
|------------|-------|---------|---------|---------|---------|--------|-------|
| Molybdenum | 94-1  | 13082   | 13099   | 13324   | 13168   | 1.03   | cps   |
| Molybdenum | 95-1  | 2059    | 1950    | 2017    | 2009    | 2.72   | cps   |
| Molybdenum | 96-1  | 4109    | 4643    | 4351    | 4368    | 6.12   | cps   |
| Molybdenum | 97-1  | 1283    | 1292    | 1267    | 1281    | 0.99   | cps   |
| Molybdenum | 98-1  | 3301    | 3267    | 3284    | 3284    | 0.51   | cps   |
| Neodymium  | 150-1 | 79205   | 78696   | 78018   | 78639   | 0.76   | cps   |
| Neodymium  | 150-2 | 9414    | 9223    | 9484    | 9373    | 1.44   | cps   |
| Nickel     | 60-2  | 5921    | 6108    | 6378    | 6136    | 3.74   | cps   |
| Phosphorus | 31-2  | 17      | 33      | 17      | 22      | 43.28  | cps   |
| Potassium  | 39-2  | 7694    | 7711    | 7336    | 7580    | 2.80   | cps   |
| Rhodium    | 103-1 | 4779481 | 4777258 | 4724420 | 4760386 | 0.65   | cps   |
| Rhodium    | 103-2 | 1129609 | 1032068 | 1062564 | 1074747 | 4.64   | cps   |
| Scandium   | 45-1  | 2648125 | 2663405 | 2653038 | 2654856 | 0.29   | cps   |
| Scandium   | 45-2  | 17321   | 16477   | 16033   | 16610   | 3.94   | cps   |
| Selenium   | 77-2  | 37      | 27      | 40      | 34      | 20.14  | cps   |
| Selenium   | 78-2  | 9       | 17      | 20      | 15      | 36.66  | cps   |
| Selenium   | 82-1  | 71      | 25      | 69      | 55      | 47.21  | cps   |
| Silicon    | 28-1  | 5079288 | 4926937 | 5199107 | 5068444 | 2.69   | cps   |
| Silver     | 109-1 | 542     | 633     | 667     | 614     | 10.54  | cps   |
| Silver     | 107-1 | 792     | 650     | 708     | 717     | 9.94   | cps   |
| Sodium     | 23-2  | 15034   | 14858   | 14883   | 14925   | 0.64   | cps   |
| Strontium  | 86-1  | 132032  | 132828  | 132093  | 132318  | 0.33   | cps   |
| Strontium  | 88-1  | 1132480 | 1143519 | 1138161 | 1138054 | 0.49   | cps   |
| Sulfur     | 34-1  | 265813  | 264762  | 260298  | 263624  | 1.11   | cps   |
| Terbium    | 159-1 | 7213395 | 7103649 | 7091048 | 7136031 | 0.94   | cps   |
| Terbium    | 159-2 | 1210976 | 1111424 | 1152528 | 1158309 | 4.32   | cps   |
| Thallium   | 203-1 | 1592    | 1675    | 1567    | 1611    | 3.52   | cps   |
| Thallium   | 205-1 | 3517    | 3759    | 3684    | 3653    | 3.39   | cps   |
| Tin        | 118-1 | 8261    | 8128    | 7811    | 8067    | 2.87   | cps   |
| Titanium   | 47-1  | 17946   | 18737   | 13633   | 16772   | 16.38  | cps   |
| Uranium    | 238-1 | 38586   | 38552   | 38644   | 38594   | 0.12   | cps   |
| Vanadium   | 51-2  | 20946   | 20849   | 20562   | 20786   | 0.96   | cps   |
| Yttrium    | 89-1  | 5783440 | 5788089 | 5798513 | 5790014 | 0.13   | cps   |
| Yttrium    | 89-2  | 148800  | 136936  | 140292  | 142009  | 4.31   | cps   |
| Zinc       | 66-2  | 13640   | 13764   | 13677   | 13694   | 0.46   | cps   |
| Zirconium  | 90-1  | 45366   | 34094   | 33935   | 37798   | 17.34  | cps   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB92809             | Operator :        | Jaswal    |
| Lab Sample ID :         | J1226-02            | Instrumnet Name : | P8        |
| Client Sample ID :      | MF6A96              | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2018-01-22 18:00:15 | DataFile Name :   | 078SMPL.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|-----------|------|------|------|------|---------|--------|-------|
| Zirconium | 91-1 | 7719 | 7552 | 7520 | 7597    | 1.41   | cps   |



|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB92809             | Operator :        | Jaswal    |
| Lab Sample ID :         | J1226-03            | Instrumnet Name : | P8        |
| Client Sample ID :      | MF6A96D             | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2018-01-22 18:03:24 | DataFile Name :   | 079SMPL.d |

| Parameter  | Mass  | CPS1    | CPS2    | CPS3    | CPSMean | CPSRSD | Units |
|------------|-------|---------|---------|---------|---------|--------|-------|
| Aluminium  | 27-2  | 49078   | 47580   | 47305   | 47988   | 1.99   | cps   |
| Antimony   | 121-1 | 1759    | 2200    | 1659    | 1872    | 15.40  | cps   |
| Arsenic    | 75-2  | 576     | 528     | 539     | 548     | 4.60   | cps   |
| Barium     | 135-1 | 953805  | 958038  | 956353  | 956065  | 0.22   | cps   |
| Barium     | 137-1 | 1720938 | 1728120 | 1707995 | 1719018 | 0.59   | cps   |
| Beryllium  | 9-1   | 1645    | 1678    | 1745    | 1689    | 3.02   | cps   |
| Bismuth    | 209-1 | 4873568 | 4877971 | 4844279 | 4865272 | 0.38   | cps   |
| Bismuth    | 209-2 | 1046863 | 1039918 | 1029748 | 1038843 | 0.83   | cps   |
| Boron      | 10-1  | 375     | 575     | 492     | 481     | 20.91  | cps   |
| Boron      | 11-1  | 2250    | 2159    | 2317    | 2242    | 3.55   | cps   |
| Cadmium    | 111-1 | 917     | 888     | 950     | 919     | 3.38   | cps   |
| Cadmium    | 106-1 | 1058    | 1117    | 1083    | 1086    | 2.69   | cps   |
| Cadmium    | 108-1 | 58      | 50      | 71      | 60      | 17.56  | cps   |
| Calcium    | 43-1  | 274346  | 275182  | 274552  | 274694  | 0.16   | cps   |
| Calcium    | 44-1  | 4472713 | 4515201 | 4528218 | 4505377 | 0.64   | cps   |
| Chromium   | 52-2  | 12719   | 12406   | 12963   | 12696   | 2.20   | cps   |
| Cobalt     | 59-2  | 27614   | 27063   | 26632   | 27103   | 1.82   | cps   |
| Copper     | 63-2  | 16810   | 16233   | 16483   | 16509   | 1.75   | cps   |
| Dysprosium | 156-1 | 52723   | 52046   | 51269   | 52013   | 1.40   | cps   |
| Dysprosium | 156-2 | 10124   | 9750    | 10161   | 10012   | 2.27   | cps   |
| Erbium     | 164-1 | 41526   | 41685   | 41016   | 41409   | 0.84   | cps   |
| Erbium     | 164-2 | 7406    | 7059    | 7165    | 7210    | 2.46   | cps   |
| Gadolinium | 160-1 | 48357   | 47955   | 49002   | 48438   | 1.09   | cps   |
| Gadolinium | 160-2 | 12156   | 12426   | 12192   | 12258   | 1.20   | cps   |
| Holmium    | 165-1 | 6936413 | 7015099 | 6840945 | 6930819 | 1.26   | cps   |
| Holmium    | 165-2 | 1277317 | 1263055 | 1254042 | 1264805 | 0.93   | cps   |
| Indium     | 115-1 | 5300259 | 5276845 | 5239877 | 5272327 | 0.58   | cps   |
| Indium     | 115-2 | 187766  | 187649  | 186384  | 187266  | 0.41   | cps   |
| Iron       | 56-2  | 9895078 | 9793054 | 9791669 | 9826600 | 0.60   | cps   |
| Iron       | 57-2  | 242534  | 243117  | 241998  | 242550  | 0.23   | cps   |
| Lead       | 206-1 | 254247  | 255580  | 257267  | 255698  | 0.59   | cps   |
| Lead       | 207-1 | 211273  | 210984  | 213811  | 212023  | 0.73   | cps   |
| Lead       | 208-1 | 991837  | 992885  | 991586  | 992102  | 0.07   | cps   |
| Lithium    | 6-1   | 778056  | 777750  | 772710  | 776172  | 0.39   | cps   |
| Magnesium  | 24-2  | 64263   | 64773   | 65259   | 64765   | 0.77   | cps   |
| Manganese  | 55-2  | 189283  | 186990  | 186587  | 187620  | 0.78   | cps   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB92809             | Operator :        | Jaswal    |
| Lab Sample ID :         | J1226-03            | Instrumnet Name : | P8        |
| Client Sample ID :      | MF6A96D             | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2018-01-22 18:03:24 | DataFile Name :   | 079SMPL.d |

| Parameter  | Mass  | CPS1    | CPS2    | CPS3    | CPSMean | CPSRSD | Units |
|------------|-------|---------|---------|---------|---------|--------|-------|
| Molybdenum | 94-1  | 13916   | 13333   | 13391   | 13547   | 2.37   | cps   |
| Molybdenum | 95-1  | 1859    | 2134    | 2075    | 2022    | 7.17   | cps   |
| Molybdenum | 96-1  | 4493    | 4209    | 4276    | 4326    | 3.43   | cps   |
| Molybdenum | 97-1  | 1333    | 1350    | 1100    | 1261    | 11.08  | cps   |
| Molybdenum | 98-1  | 3109    | 3159    | 3150    | 3139    | 0.85   | cps   |
| Neodymium  | 150-1 | 79433   | 79801   | 79105   | 79446   | 0.44   | cps   |
| Neodymium  | 150-2 | 9807    | 9100    | 9070    | 9326    | 4.47   | cps   |
| Nickel     | 60-2  | 6232    | 6238    | 6202    | 6224    | 0.31   | cps   |
| Phosphorus | 31-2  | 33      | 0       | 8       | 14      | 124.92 | cps   |
| Potassium  | 39-2  | 7494    | 7402    | 7035    | 7311    | 3.32   | cps   |
| Rhodium    | 103-1 | 4799742 | 4808150 | 4783484 | 4797125 | 0.26   | cps   |
| Rhodium    | 103-2 | 1122538 | 1121136 | 1117858 | 1120510 | 0.21   | cps   |
| Scandium   | 45-1  | 2685209 | 2621680 | 2639539 | 2648810 | 1.24   | cps   |
| Scandium   | 45-2  | 17147   | 17151   | 17094   | 17131   | 0.19   | cps   |
| Selenium   | 77-2  | 47      | 53      | 23      | 41      | 38.32  | cps   |
| Selenium   | 78-2  | 24      | 15      | 19      | 19      | 24.36  | cps   |
| Selenium   | 82-1  | 68      | -20     | 91      | 46      | 127.02 | cps   |
| Silicon    | 28-1  | 4748470 | 4743657 | 4814546 | 4768891 | 0.83   | cps   |
| Silver     | 109-1 | 517     | 550     | 700     | 589     | 16.58  | cps   |
| Silver     | 107-1 | 617     | 608     | 617     | 614     | 0.78   | cps   |
| Sodium     | 23-2  | 14808   | 14533   | 14842   | 14728   | 1.15   | cps   |
| Strontium  | 86-1  | 129627  | 127785  | 128583  | 128665  | 0.72   | cps   |
| Strontium  | 88-1  | 1121864 | 1114778 | 1121961 | 1119534 | 0.37   | cps   |
| Sulfur     | 34-1  | 259797  | 262003  | 259668  | 260489  | 0.50   | cps   |
| Terbium    | 159-1 | 7145544 | 7086114 | 7132518 | 7121392 | 0.44   | cps   |
| Terbium    | 159-2 | 1213082 | 1202670 | 1192811 | 1202854 | 0.84   | cps   |
| Thallium   | 203-1 | 1684    | 1450    | 1592    | 1575    | 7.46   | cps   |
| Thallium   | 205-1 | 3701    | 3967    | 3542    | 3737    | 5.75   | cps   |
| Tin        | 118-1 | 8361    | 7969    | 7811    | 8047    | 3.52   | cps   |
| Titanium   | 47-1  | 16211   | 14885   | 14485   | 15193   | 5.95   | cps   |
| Uranium    | 238-1 | 38026   | 36897   | 38502   | 37808   | 2.18   | cps   |
| Vanadium   | 51-2  | 20729   | 20295   | 20265   | 20430   | 1.27   | cps   |
| Yttrium    | 89-1  | 5879955 | 5770352 | 5794170 | 5814825 | 0.99   | cps   |
| Yttrium    | 89-2  | 148857  | 146711  | 147924  | 147831  | 0.73   | cps   |
| Zinc       | 66-2  | 12633   | 12639   | 12586   | 12619   | 0.23   | cps   |
| Zirconium  | 90-1  | 32925   | 33921   | 32515   | 33120   | 2.18   | cps   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB92809             | Operator :        | Jaswal    |
| Lab Sample ID :         | J1226-03            | Instrumnet Name : | P8        |
| Client Sample ID :      | MF6A96D             | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2018-01-22 18:03:24 | DataFile Name :   | 079SMPL.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|-----------|------|------|------|------|---------|--------|-------|
| Zirconium | 91-1 | 7936 | 7244 | 6952 | 7377    | 6.85   | cps   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB92809             | Operator :        | Jaswal    |
| Lab Sample ID :         | J1226-02LX5         | Instrumnet Name : | P8        |
| Client Sample ID :      | MF6A96L             | Dilution Factor : | 5         |
| Date & Time Acquired :: | 2018-01-22 18:06:34 | DataFile Name :   | 080SMPL.d |

| Parameter  | Mass  | CPS1    | CPS2    | CPS3    | CPSMean | CPSRSD | Units |
|------------|-------|---------|---------|---------|---------|--------|-------|
| Aluminium  | 27-2  | 9695    | 9987    | 9312    | 9665    | 3.51   | cps   |
| Antimony   | 121-1 | 467     | 408     | 575     | 483     | 17.50  | cps   |
| Arsenic    | 75-2  | 107     | 107     | 111     | 109     | 1.97   | cps   |
| Barium     | 135-1 | 184315  | 182019  | 181454  | 182596  | 0.83   | cps   |
| Barium     | 137-1 | 323318  | 315494  | 319147  | 319320  | 1.23   | cps   |
| Beryllium  | 9-1   | 422     | 378     | 411     | 404     | 5.73   | cps   |
| Bismuth    | 209-1 | 4796424 | 4770691 | 4788164 | 4785093 | 0.27   | cps   |
| Bismuth    | 209-2 | 1048176 | 1043001 | 1006669 | 1032615 | 2.19   | cps   |
| Boron      | 10-1  | 283     | 408     | 300     | 331     | 20.53  | cps   |
| Boron      | 11-1  | 1325    | 1092    | 1192    | 1203    | 9.73   | cps   |
| Cadmium    | 111-1 | 845     | 664     | 683     | 730     | 13.60  | cps   |
| Cadmium    | 106-1 | 1133    | 892     | 925     | 983     | 13.32  | cps   |
| Cadmium    | 108-1 | 4       | 21      | 21      | 15      | 62.96  | cps   |
| Calcium    | 43-1  | 55469   | 54967   | 56239   | 55558   | 1.15   | cps   |
| Calcium    | 44-1  | 907044  | 903716  | 907218  | 905993  | 0.22   | cps   |
| Chromium   | 52-2  | 2504    | 2630    | 2670    | 2601    | 3.35   | cps   |
| Cobalt     | 59-2  | 5131    | 5334    | 5374    | 5280    | 2.47   | cps   |
| Copper     | 63-2  | 3200    | 3440    | 3317    | 3319    | 3.62   | cps   |
| Dysprosium | 156-1 | 9612    | 9512    | 8828    | 9318    | 4.58   | cps   |
| Dysprosium | 156-2 | 1987    | 1880    | 1817    | 1895    | 4.54   | cps   |
| Erbium     | 164-1 | 7594    | 7794    | 7836    | 7741    | 1.67   | cps   |
| Erbium     | 164-2 | 1400    | 1367    | 1417    | 1395    | 1.83   | cps   |
| Gadolinium | 160-1 | 9029    | 9070    | 9270    | 9123    | 1.42   | cps   |
| Gadolinium | 160-2 | 2304    | 2220    | 2244    | 2256    | 1.91   | cps   |
| Holmium    | 165-1 | 6875237 | 6799600 | 6805537 | 6826791 | 0.62   | cps   |
| Holmium    | 165-2 | 1264132 | 1268204 | 1219123 | 1250486 | 2.18   | cps   |
| Indium     | 115-1 | 5301859 | 5196959 | 5210292 | 5236370 | 1.09   | cps   |
| Indium     | 115-2 | 193802  | 189192  | 184823  | 189272  | 2.37   | cps   |
| Iron       | 56-2  | 1953004 | 1951094 | 1971738 | 1958612 | 0.58   | cps   |
| Iron       | 57-2  | 47325   | 48128   | 47660   | 47704   | 0.85   | cps   |
| Lead       | 206-1 | 50723   | 50824   | 52715   | 51421   | 2.18   | cps   |
| Lead       | 207-1 | 42516   | 42427   | 43486   | 42810   | 1.37   | cps   |
| Lead       | 208-1 | 199004  | 198316  | 201244  | 199521  | 0.77   | cps   |
| Lithium    | 6-1   | 774001  | 761402  | 766893  | 767432  | 0.82   | cps   |
| Magnesium  | 24-2  | 12714   | 12389   | 12806   | 12637   | 1.73   | cps   |
| Manganese  | 55-2  | 36133   | 36541   | 36127   | 36267   | 0.65   | cps   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB92809             | Operator :        | Jaswal    |
| Lab Sample ID :         | J1226-02LX5         | Instrumnet Name : | P8        |
| Client Sample ID :      | MF6A96L             | Dilution Factor : | 5         |
| Date & Time Acquired :: | 2018-01-22 18:06:34 | DataFile Name :   | 080SMPL.d |

| Parameter  | Mass  | CPS1    | CPS2    | CPS3    | CPSMean | CPSRSD  | Units |
|------------|-------|---------|---------|---------|---------|---------|-------|
| Molybdenum | 94-1  | 2659    | 2667    | 2459    | 2595    | 4.55    | cps   |
| Molybdenum | 95-1  | 408     | 417     | 392     | 406     | 3.14    | cps   |
| Molybdenum | 96-1  | 883     | 783     | 859     | 842     | 6.19    | cps   |
| Molybdenum | 97-1  | 400     | 333     | 217     | 317     | 29.30   | cps   |
| Molybdenum | 98-1  | 733     | 783     | 692     | 736     | 6.24    | cps   |
| Neodymium  | 150-1 | 15523   | 14876   | 14929   | 15109   | 2.38    | cps   |
| Neodymium  | 150-2 | 1723    | 1880    | 1810    | 1805    | 4.35    | cps   |
| Nickel     | 60-2  | 1603    | 1650    | 1657    | 1637    | 1.78    | cps   |
| Phosphorus | 31-2  | 0       | 0       | 0       | 0       | 0.00    | cps   |
| Potassium  | 39-2  | 2575    | 2934    | 2600    | 2703    | 7.40    | cps   |
| Rhodium    | 103-1 | 4770246 | 4702928 | 4813486 | 4762220 | 1.17    | cps   |
| Rhodium    | 103-2 | 1126381 | 1123638 | 1078867 | 1109629 | 2.40    | cps   |
| Scandium   | 45-1  | 2584868 | 2546655 | 2580091 | 2570538 | 0.81    | cps   |
| Scandium   | 45-2  | 17091   | 16960   | 16867   | 16973   | 0.66    | cps   |
| Selenium   | 77-2  | 3       | 3       | 13      | 7       | 86.65   | cps   |
| Selenium   | 78-2  | 9       | 2       | 7       | 6       | 62.47   | cps   |
| Selenium   | 82-1  | -49     | -79     | 35      | -31     | -189.88 | cps   |
| Silicon    | 28-1  | 1176430 | 1205355 | 1185294 | 1189026 | 1.25    | cps   |
| Silver     | 109-1 | 183     | 167     | 117     | 156     | 22.30   | cps   |
| Silver     | 107-1 | 133     | 225     | 150     | 169     | 28.82   | cps   |
| Sodium     | 23-2  | 7119    | 7044    | 6769    | 6977    | 2.64    | cps   |
| Strontium  | 86-1  | 23897   | 24139   | 25157   | 24398   | 2.74    | cps   |
| Strontium  | 88-1  | 216992  | 216026  | 216061  | 216360  | 0.25    | cps   |
| Sulfur     | 34-1  | 260787  | 259736  | 262707  | 261077  | 0.58    | cps   |
| Terbium    | 159-1 | 7047451 | 6895321 | 6939045 | 6960606 | 1.13    | cps   |
| Terbium    | 159-2 | 1211191 | 1203000 | 1160827 | 1191673 | 2.27    | cps   |
| Thallium   | 203-1 | 358     | 275     | 350     | 328     | 14.00   | cps   |
| Thallium   | 205-1 | 892     | 967     | 850     | 903     | 6.55    | cps   |
| Tin        | 118-1 | 1867    | 1975    | 1909    | 1917    | 2.85    | cps   |
| Titanium   | 47-1  | 3601    | 3151    | 4749    | 3834    | 21.50   | cps   |
| Uranium    | 238-1 | 7227    | 7419    | 6936    | 7194    | 3.38    | cps   |
| Vanadium   | 51-2  | 3794    | 4087    | 3971    | 3951    | 3.74    | cps   |
| Yttrium    | 89-1  | 5380228 | 5287534 | 5354170 | 5340644 | 0.90    | cps   |
| Yttrium    | 89-2  | 139227  | 137092  | 134238  | 136852  | 1.83    | cps   |
| Zinc       | 66-2  | 2754    | 2760    | 2730    | 2748    | 0.57    | cps   |
| Zirconium  | 90-1  | 6685    | 6302    | 8195    | 7061    | 14.18   | cps   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB92809             | Operator :        | Jaswal    |
| Lab Sample ID :         | J1226-02LX5         | Instrumnet Name : | P8        |
| Client Sample ID :      | MF6A96L             | Dilution Factor : | 5         |
| Date & Time Acquired :: | 2018-01-22 18:06:34 | DataFile Name :   | 080SMPL.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|-----------|------|------|------|------|---------|--------|-------|
| Zirconium | 91-1 | 1400 | 1492 | 1308 | 1400    | 6.55   | cps   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB92809             | Operator :        | Jaswal    |
| Lab Sample ID :         | J1226-04            | Instrumnet Name : | P8        |
| Client Sample ID :      | MF6A96S             | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2018-01-22 18:09:44 | DataFile Name :   | 081SMPL.d |

| Parameter  | Mass  | CPS1    | CPS2     | CPS3    | CPSMean  | CPSRSD | Units |
|------------|-------|---------|----------|---------|----------|--------|-------|
| Aluminium  | 27-2  | 49813   | 50273    | 49914   | 50000    | 0.48   | cps   |
| Antimony   | 121-1 | 154763  | 155612   | 154879  | 155085   | 0.30   | cps   |
| Arsenic    | 75-2  | 1122    | 1085     | 1057    | 1088     | 2.99   | cps   |
| Barium     | 135-1 | 1700705 | 1728671  | 1714397 | 1714591  | 0.82   | cps   |
| Barium     | 137-1 | 2936959 | 2991405  | 2928237 | 2952200  | 1.16   | cps   |
| Beryllium  | 9-1   | 9231    | 8947     | 8998    | 9059     | 1.67   | cps   |
| Bismuth    | 209-1 | 4893121 | 4866446  | 4914881 | 4891482  | 0.50   | cps   |
| Bismuth    | 209-2 | 1033029 | 1032843  | 1025660 | 1030511  | 0.41   | cps   |
| Boron      | 10-1  | 433     | 508      | 408     | 450      | 11.56  | cps   |
| Boron      | 11-1  | 1817    | 1884     | 2092    | 1931     | 7.43   | cps   |
| Cadmium    | 111-1 | 17272   | 16831    | 17251   | 17118    | 1.45   | cps   |
| Cadmium    | 106-1 | 2709    | 2750     | 2667    | 2709     | 1.54   | cps   |
| Cadmium    | 108-1 | 1025    | 1154     | 1121    | 1100     | 6.10   | cps   |
| Calcium    | 43-1  | 281323  | 283416   | 281765  | 282168   | 0.39   | cps   |
| Calcium    | 44-1  | 4666342 | 4647293  | 4593626 | 4635753  | 0.81   | cps   |
| Chromium   | 52-2  | 33758   | 34352    | 33771   | 33960    | 1.00   | cps   |
| Cobalt     | 59-2  | 145988  | 146659   | 145779  | 146142   | 0.31   | cps   |
| Copper     | 63-2  | 70350   | 69104    | 68739   | 69398    | 1.22   | cps   |
| Dysprosium | 156-1 | 52439   | 51687    | 53084   | 52403    | 1.33   | cps   |
| Dysprosium | 156-2 | 10044   | 9907     | 10021   | 9991     | 0.73   | cps   |
| Erbium     | 164-1 | 42136   | 41158    | 41701   | 41665    | 1.18   | cps   |
| Erbium     | 164-2 | 7509    | 7529     | 7242    | 7427     | 2.16   | cps   |
| Gadolinium | 160-1 | 50097   | 47781    | 49093   | 48990    | 2.37   | cps   |
| Gadolinium | 160-2 | 11959   | 12036    | 11722   | 11906    | 1.37   | cps   |
| Holmium    | 165-1 | 6975117 | 7000981  | 6946451 | 6974183  | 0.39   | cps   |
| Holmium    | 165-2 | 1259877 | 1255112  | 1247559 | 1254183  | 0.50   | cps   |
| Indium     | 115-1 | 5273694 | 5306254  | 5359336 | 5313095  | 0.81   | cps   |
| Indium     | 115-2 | 188285  | 187993   | 185943  | 187407   | 0.68   | cps   |
| Iron       | 56-2  | 9992843 | 10052802 | 9985257 | 10010300 | 0.37   | cps   |
| Iron       | 57-2  | 247040  | 247776   | 248476  | 247764   | 0.29   | cps   |
| Lead       | 206-1 | 284703  | 282149   | 282234  | 283029   | 0.51   | cps   |
| Lead       | 207-1 | 236323  | 235575   | 235536  | 235812   | 0.19   | cps   |
| Lead       | 208-1 | 1101882 | 1100817  | 1102370 | 1101690  | 0.07   | cps   |
| Lithium    | 6-1   | 777188  | 779829   | 791822  | 782946   | 1.00   | cps   |
| Magnesium  | 24-2  | 65836   | 65870    | 65394   | 65700    | 0.40   | cps   |
| Manganese  | 55-2  | 202461  | 202461   | 202515  | 202479   | 0.02   | cps   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB92809             | Operator :        | Jaswal    |
| Lab Sample ID :         | J1226-04            | Instrumnet Name : | P8        |
| Client Sample ID :      | MF6A96S             | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2018-01-22 18:09:44 | DataFile Name :   | 081SMPL.d |

| Parameter  | Mass  | CPS1    | CPS2    | CPS3    | CPSMean | CPSRSD | Units |
|------------|-------|---------|---------|---------|---------|--------|-------|
| Molybdenum | 94-1  | 13682   | 14192   | 13916   | 13930   | 1.83   | cps   |
| Molybdenum | 95-1  | 2075    | 1917    | 1992    | 1995    | 3.97   | cps   |
| Molybdenum | 96-1  | 4951    | 4409    | 4434    | 4598    | 6.65   | cps   |
| Molybdenum | 97-1  | 1325    | 1383    | 1550    | 1420    | 8.23   | cps   |
| Molybdenum | 98-1  | 3217    | 3359    | 3084    | 3220    | 4.27   | cps   |
| Neodymium  | 150-1 | 79721   | 79513   | 80553   | 79929   | 0.69   | cps   |
| Neodymium  | 150-2 | 9327    | 9353    | 9050    | 9243    | 1.82   | cps   |
| Nickel     | 60-2  | 40573   | 41094   | 40910   | 40859   | 0.65   | cps   |
| Phosphorus | 31-2  | 42      | 0       | 8       | 17      | 132.30 | cps   |
| Potassium  | 39-2  | 7644    | 7519    | 6827    | 7330    | 6.00   | cps   |
| Rhodium    | 103-1 | 4766171 | 4790382 | 4837325 | 4797959 | 0.75   | cps   |
| Rhodium    | 103-2 | 1123507 | 1111471 | 1105251 | 1113410 | 0.83   | cps   |
| Scandium   | 45-1  | 2683054 | 2649423 | 2724957 | 2685812 | 1.41   | cps   |
| Scandium   | 45-2  | 17167   | 16683   | 16910   | 16920   | 1.43   | cps   |
| Selenium   | 77-2  | 73      | 27      | 50      | 50      | 46.66  | cps   |
| Selenium   | 78-2  | 69      | 30      | 59      | 52      | 38.72  | cps   |
| Selenium   | 82-1  | 1911    | 1981    | 1941    | 1944    | 1.80   | cps   |
| Silicon    | 28-1  | 5202536 | 5057792 | 4800538 | 5020289 | 4.06   | cps   |
| Silver     | 109-1 | 74473   | 73609   | 73610   | 73897   | 0.67   | cps   |
| Silver     | 107-1 | 75789   | 76853   | 75445   | 76029   | 0.97   | cps   |
| Sodium     | 23-2  | 14825   | 14625   | 15142   | 14864   | 1.75   | cps   |
| Strontium  | 86-1  | 132353  | 133092  | 129560  | 131669  | 1.41   | cps   |
| Strontium  | 88-1  | 1140044 | 1133572 | 1134792 | 1136136 | 0.30   | cps   |
| Sulfur     | 34-1  | 262595  | 260924  | 259315  | 260945  | 0.63   | cps   |
| Terbium    | 159-1 | 7223540 | 7124596 | 7262341 | 7203492 | 0.99   | cps   |
| Terbium    | 159-2 | 1204298 | 1206456 | 1187937 | 1199564 | 0.84   | cps   |
| Thallium   | 203-1 | 70495   | 69725   | 70085   | 70102   | 0.55   | cps   |
| Thallium   | 205-1 | 166472  | 170271  | 168884  | 168542  | 1.14   | cps   |
| Tin        | 118-1 | 8078    | 7628    | 8011    | 7905    | 3.07   | cps   |
| Titanium   | 47-1  | 19161   | 14266   | 14384   | 15937   | 17.52  | cps   |
| Uranium    | 238-1 | 39046   | 38360   | 37875   | 38427   | 1.53   | cps   |
| Vanadium   | 51-2  | 59637   | 59807   | 59492   | 59645   | 0.26   | cps   |
| Yttrium    | 89-1  | 5955208 | 5838676 | 5882274 | 5892053 | 1.00   | cps   |
| Yttrium    | 89-2  | 147742  | 147159  | 145184  | 146695  | 0.91   | cps   |
| Zinc       | 66-2  | 21991   | 22094   | 22432   | 22172   | 1.04   | cps   |
| Zirconium  | 90-1  | 33828   | 37149   | 32507   | 34494   | 6.93   | cps   |



|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB92809             | Operator :        | Jaswal    |
| Lab Sample ID :         | J1226-04            | Instrumnet Name : | P8        |
| Client Sample ID :      | MF6A96S             | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2018-01-22 18:09:44 | DataFile Name :   | 081SMPL.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|-----------|------|------|------|------|---------|--------|-------|
| Zirconium | 91-1 | 7569 | 7953 | 7277 | 7600    | 4.46   | cps   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB92809             | Operator :        | Jaswal    |
| Lab Sample ID :         | J1226-05            | Instrumnet Name : | P8        |
| Client Sample ID :      | MF6A97              | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2018-01-22 18:12:54 | DataFile Name :   | 082SMPL.d |

| Parameter  | Mass  | CPS1    | CPS2    | CPS3    | CPSMean | CPSRSD | Units |
|------------|-------|---------|---------|---------|---------|--------|-------|
| Aluminium  | 27-2  | 46603   | 46694   | 47288   | 46862   | 0.79   | cps   |
| Antimony   | 121-1 | 1667    | 1675    | 1617    | 1653    | 1.91   | cps   |
| Arsenic    | 75-2  | 515     | 522     | 556     | 531     | 4.09   | cps   |
| Barium     | 135-1 | 1081212 | 1079155 | 1070810 | 1077059 | 0.51   | cps   |
| Barium     | 137-1 | 1922946 | 1957188 | 1936309 | 1938814 | 0.89   | cps   |
| Beryllium  | 9-1   | 1784    | 2078    | 1789    | 1884    | 8.94   | cps   |
| Bismuth    | 209-1 | 4822971 | 4890971 | 4832870 | 4848937 | 0.76   | cps   |
| Bismuth    | 209-2 | 1003300 | 1009225 | 1026239 | 1012921 | 1.18   | cps   |
| Boron      | 10-1  | 383     | 417     | 358     | 386     | 7.58   | cps   |
| Boron      | 11-1  | 1533    | 1842    | 2067    | 1814    | 14.76  | cps   |
| Cadmium    | 111-1 | 920     | 873     | 808     | 867     | 6.54   | cps   |
| Cadmium    | 106-1 | 1183    | 1133    | 1058    | 1125    | 5.59   | cps   |
| Cadmium    | 108-1 | 71      | 71      | 83      | 75      | 9.62   | cps   |
| Calcium    | 43-1  | 326237  | 325601  | 326585  | 326141  | 0.15   | cps   |
| Calcium    | 44-1  | 5344615 | 5326085 | 5308219 | 5326306 | 0.34   | cps   |
| Chromium   | 52-2  | 8720    | 8836    | 8766    | 8774    | 0.67   | cps   |
| Cobalt     | 59-2  | 24031   | 24318   | 24382   | 24244   | 0.77   | cps   |
| Copper     | 63-2  | 16700   | 16690   | 17454   | 16948   | 2.59   | cps   |
| Dysprosium | 156-1 | 59913   | 59679   | 60683   | 60091   | 0.87   | cps   |
| Dysprosium | 156-2 | 11829   | 12006   | 11655   | 11830   | 1.48   | cps   |
| Erbium     | 164-1 | 50047   | 49830   | 49629   | 49835   | 0.42   | cps   |
| Erbium     | 164-2 | 8560    | 8786    | 8690    | 8679    | 1.31   | cps   |
| Gadolinium | 160-1 | 57244   | 58356   | 56205   | 57268   | 1.88   | cps   |
| Gadolinium | 160-2 | 14365   | 14208   | 14121   | 14231   | 0.87   | cps   |
| Holmium    | 165-1 | 6899888 | 6889656 | 6855053 | 6881533 | 0.34   | cps   |
| Holmium    | 165-2 | 1220214 | 1227846 | 1247350 | 1231803 | 1.14   | cps   |
| Indium     | 115-1 | 5256872 | 5255086 | 5233093 | 5248351 | 0.25   | cps   |
| Indium     | 115-2 | 181797  | 182488  | 185659  | 183315  | 1.12   | cps   |
| Iron       | 56-2  | 9838735 | 9811169 | 9711538 | 9787147 | 0.68   | cps   |
| Iron       | 57-2  | 243027  | 241874  | 243830  | 242910  | 0.40   | cps   |
| Lead       | 206-1 | 182565  | 179968  | 180019  | 180851  | 0.82   | cps   |
| Lead       | 207-1 | 148700  | 148666  | 149047  | 148804  | 0.14   | cps   |
| Lead       | 208-1 | 704768  | 700588  | 695661  | 700339  | 0.65   | cps   |
| Lithium    | 6-1   | 769920  | 771594  | 770681  | 770732  | 0.11   | cps   |
| Magnesium  | 24-2  | 68969   | 69763   | 69027   | 69253   | 0.64   | cps   |
| Manganese  | 55-2  | 156316  | 156738  | 156323  | 156459  | 0.15   | cps   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB92809             | Operator :        | Jaswal    |
| Lab Sample ID :         | J1226-05            | Instrumnet Name : | P8        |
| Client Sample ID :      | MF6A97              | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2018-01-22 18:12:54 | DataFile Name :   | 082SMPL.d |

| Parameter  | Mass  | CPS1    | CPS2    | CPS3    | CPSMean | CPSRSD | Units |
|------------|-------|---------|---------|---------|---------|--------|-------|
| Molybdenum | 94-1  | 14609   | 14258   | 14809   | 14559   | 1.91   | cps   |
| Molybdenum | 95-1  | 1584    | 2009    | 1767    | 1786    | 11.94  | cps   |
| Molybdenum | 96-1  | 4701    | 5051    | 4634    | 4796    | 4.67   | cps   |
| Molybdenum | 97-1  | 1167    | 1192    | 1242    | 1200    | 3.18   | cps   |
| Molybdenum | 98-1  | 2725    | 2575    | 2609    | 2636    | 2.99   | cps   |
| Neodymium  | 150-1 | 93041   | 92639   | 92658   | 92780   | 0.24   | cps   |
| Neodymium  | 150-2 | 11165   | 10728   | 10981   | 10958   | 2.00   | cps   |
| Nickel     | 60-2  | 6562    | 6892    | 6658    | 6704    | 2.53   | cps   |
| Phosphorus | 31-2  | 17      | 0       | 0       | 6       | 173.21 | cps   |
| Potassium  | 39-2  | 6835    | 6844    | 7419    | 7033    | 4.76   | cps   |
| Rhodium    | 103-1 | 4865642 | 4711709 | 4724761 | 4767371 | 1.79   | cps   |
| Rhodium    | 103-2 | 1084080 | 1083725 | 1097067 | 1088291 | 0.70   | cps   |
| Scandium   | 45-1  | 2666332 | 2620552 | 2629146 | 2638677 | 0.92   | cps   |
| Scandium   | 45-2  | 16430   | 16947   | 16897   | 16758   | 1.70   | cps   |
| Selenium   | 77-2  | 27      | 40      | 47      | 38      | 26.95  | cps   |
| Selenium   | 78-2  | 33      | 13      | 22      | 23      | 44.66  | cps   |
| Selenium   | 82-1  | 79      | 83      | 71      | 78      | 7.71   | cps   |
| Silicon    | 28-1  | 4372682 | 4342891 | 4581238 | 4432270 | 2.93   | cps   |
| Silver     | 109-1 | 500     | 442     | 658     | 533     | 21.02  | cps   |
| Silver     | 107-1 | 625     | 592     | 617     | 611     | 2.84   | cps   |
| Sodium     | 23-2  | 14058   | 14066   | 14425   | 14183   | 1.48   | cps   |
| Strontium  | 86-1  | 137115  | 136579  | 137435  | 137043  | 0.32   | cps   |
| Strontium  | 88-1  | 1185661 | 1183030 | 1180239 | 1182977 | 0.23   | cps   |
| Sulfur     | 34-1  | 260585  | 259153  | 258432  | 259390  | 0.42   | cps   |
| Terbium    | 159-1 | 7110071 | 7065794 | 6956696 | 7044187 | 1.12   | cps   |
| Terbium    | 159-2 | 1165708 | 1176304 | 1184900 | 1175638 | 0.82   | cps   |
| Thallium   | 203-1 | 1517    | 1392    | 1642    | 1517    | 8.24   | cps   |
| Thallium   | 205-1 | 4068    | 3734    | 3459    | 3754    | 8.12   | cps   |
| Tin        | 118-1 | 8086    | 8003    | 7661    | 7917    | 2.85   | cps   |
| Titanium   | 47-1  | 14311   | 16253   | 19232   | 16598   | 14.93  | cps   |
| Uranium    | 238-1 | 40492   | 40634   | 40618   | 40581   | 0.19   | cps   |
| Vanadium   | 51-2  | 20018   | 20068   | 20011   | 20032   | 0.15   | cps   |
| Yttrium    | 89-1  | 5912557 | 5847895 | 5815796 | 5858749 | 0.84   | cps   |
| Yttrium    | 89-2  | 145127  | 145580  | 146384  | 145697  | 0.44   | cps   |
| Zinc       | 66-2  | 3144    | 3154    | 3014    | 3104    | 2.52   | cps   |
| Zirconium  | 90-1  | 37505   | 38829   | 36525   | 37620   | 3.07   | cps   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB92809             | Operator :        | Jaswal    |
| Lab Sample ID :         | J1226-05            | Instrumnet Name : | P8        |
| Client Sample ID :      | MF6A97              | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2018-01-22 18:12:54 | DataFile Name :   | 082SMPL.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|-----------|------|------|------|------|---------|--------|-------|
| Zirconium | 91-1 | 7994 | 8144 | 7928 | 8022    | 1.38   | cps   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB92809             | Operator :        | Jaswal    |
| Lab Sample ID :         | J1226-06            | Instrumnet Name : | P8        |
| Client Sample ID :      | MF6A98              | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2018-01-22 18:16:04 | DataFile Name :   | 083SMPL.d |

| Parameter  | Mass  | CPS1    | CPS2    | CPS3    | CPSMean | CPSRSD | Units |
|------------|-------|---------|---------|---------|---------|--------|-------|
| Aluminium  | 27-2  | 43911   | 43744   | 42523   | 43392   | 1.75   | cps   |
| Antimony   | 121-1 | 1333    | 1183    | 1258    | 1258    | 5.96   | cps   |
| Arsenic    | 75-2  | 580     | 565     | 567     | 570     | 1.42   | cps   |
| Barium     | 135-1 | 883607  | 883044  | 884816  | 883823  | 0.10   | cps   |
| Barium     | 137-1 | 1588288 | 1589636 | 1592816 | 1590246 | 0.15   | cps   |
| Beryllium  | 9-1   | 1895    | 2106    | 1911    | 1971    | 5.96   | cps   |
| Bismuth    | 209-1 | 4774908 | 4787897 | 4778080 | 4780295 | 0.14   | cps   |
| Bismuth    | 209-2 | 1022999 | 1015900 | 1015711 | 1018203 | 0.41   | cps   |
| Boron      | 10-1  | 233     | 325     | 292     | 283     | 16.38  | cps   |
| Boron      | 11-1  | 1458    | 1408    | 1650    | 1506    | 8.47   | cps   |
| Cadmium    | 111-1 | 1188    | 1018    | 1048    | 1085    | 8.39   | cps   |
| Cadmium    | 106-1 | 1433    | 1208    | 1267    | 1303    | 8.96   | cps   |
| Cadmium    | 108-1 | 33      | 46      | 38      | 39      | 16.37  | cps   |
| Calcium    | 43-1  | 96085   | 95507   | 96514   | 96035   | 0.53   | cps   |
| Calcium    | 44-1  | 1618093 | 1644405 | 1618961 | 1627153 | 0.92   | cps   |
| Chromium   | 52-2  | 7492    | 7566    | 7722    | 7593    | 1.55   | cps   |
| Cobalt     | 59-2  | 18843   | 18633   | 18553   | 18676   | 0.80   | cps   |
| Copper     | 63-2  | 19053   | 19314   | 19444   | 19270   | 1.03   | cps   |
| Dysprosium | 156-1 | 85252   | 85169   | 84011   | 84811   | 0.82   | cps   |
| Dysprosium | 156-2 | 17742   | 17505   | 17679   | 17642   | 0.70   | cps   |
| Erbium     | 164-1 | 73290   | 72879   | 74966   | 73712   | 1.50   | cps   |
| Erbium     | 164-2 | 12366   | 13010   | 12803   | 12726   | 2.58   | cps   |
| Gadolinium | 160-1 | 86311   | 86780   | 86949   | 86680   | 0.38   | cps   |
| Gadolinium | 160-2 | 21328   | 21080   | 21247   | 21219   | 0.59   | cps   |
| Holmium    | 165-1 | 6880928 | 6869311 | 6810304 | 6853514 | 0.55   | cps   |
| Holmium    | 165-2 | 1248789 | 1249415 | 1238358 | 1245520 | 0.50   | cps   |
| Indium     | 115-1 | 5138346 | 5177601 | 5170415 | 5162121 | 0.40   | cps   |
| Indium     | 115-2 | 187261  | 185596  | 184779  | 185879  | 0.68   | cps   |
| Iron       | 56-2  | 6548330 | 6476958 | 6518264 | 6514517 | 0.55   | cps   |
| Iron       | 57-2  | 159552  | 159433  | 157955  | 158980  | 0.56   | cps   |
| Lead       | 206-1 | 93995   | 95260   | 93693   | 94316   | 0.88   | cps   |
| Lead       | 207-1 | 75004   | 76933   | 77949   | 76629   | 1.95   | cps   |
| Lead       | 208-1 | 361792  | 365240  | 363791  | 363608  | 0.48   | cps   |
| Lithium    | 6-1   | 770592  | 778158  | 780043  | 776264  | 0.64   | cps   |
| Magnesium  | 24-2  | 87518   | 86378   | 86187   | 86694   | 0.83   | cps   |
| Manganese  | 55-2  | 146546  | 146953  | 144720  | 146073  | 0.81   | cps   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB92809             | Operator :        | Jaswal    |
| Lab Sample ID :         | J1226-06            | Instrumnet Name : | P8        |
| Client Sample ID :      | MF6A98              | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2018-01-22 18:16:04 | DataFile Name :   | 083SMPL.d |

| Parameter  | Mass  | CPS1    | CPS2    | CPS3    | CPSMean | CPSRSD | Units |
|------------|-------|---------|---------|---------|---------|--------|-------|
| Molybdenum | 94-1  | 9937    | 9337    | 10155   | 9810    | 4.32   | cps   |
| Molybdenum | 95-1  | 1083    | 1042    | 1000    | 1042    | 4.00   | cps   |
| Molybdenum | 96-1  | 2534    | 3109    | 2725    | 2789    | 10.50  | cps   |
| Molybdenum | 97-1  | 733     | 542     | 833     | 703     | 21.09  | cps   |
| Molybdenum | 98-1  | 1667    | 1734    | 1684    | 1695    | 2.05   | cps   |
| Neodymium  | 150-1 | 154161  | 156482  | 155800  | 155481  | 0.77   | cps   |
| Neodymium  | 150-2 | 18143   | 18503   | 18386   | 18344   | 1.00   | cps   |
| Nickel     | 60-2  | 12222   | 12479   | 11935   | 12212   | 2.23   | cps   |
| Phosphorus | 31-2  | 50      | 50      | 58      | 53      | 9.12   | cps   |
| Potassium  | 39-2  | 7594    | 7152    | 7277    | 7341    | 3.10   | cps   |
| Rhodium    | 103-1 | 4697157 | 4726188 | 4747183 | 4723509 | 0.53   | cps   |
| Rhodium    | 103-2 | 1106265 | 1107147 | 1103814 | 1105742 | 0.16   | cps   |
| Scandium   | 45-1  | 2602370 | 2580184 | 2603151 | 2595235 | 0.50   | cps   |
| Scandium   | 45-2  | 16860   | 16940   | 17328   | 17043   | 1.47   | cps   |
| Selenium   | 77-2  | 80      | 53      | 70      | 68      | 19.88  | cps   |
| Selenium   | 78-2  | 31      | 46      | 31      | 36      | 23.49  | cps   |
| Selenium   | 82-1  | 11      | 64      | 41      | 39      | 68.36  | cps   |
| Silicon    | 28-1  | 3575604 | 3577325 | 3576273 | 3576401 | 0.02   | cps   |
| Silver     | 109-1 | 433     | 350     | 300     | 361     | 18.65  | cps   |
| Silver     | 107-1 | 467     | 358     | 442     | 422     | 13.43  | cps   |
| Sodium     | 23-2  | 17670   | 17111   | 17528   | 17436   | 1.67   | cps   |
| Strontium  | 86-1  | 104389  | 106094  | 104766  | 105083  | 0.85   | cps   |
| Strontium  | 88-1  | 907238  | 913180  | 914101  | 911506  | 0.41   | cps   |
| Sulfur     | 34-1  | 251601  | 249168  | 249093  | 249954  | 0.57   | cps   |
| Terbium    | 159-1 | 7067921 | 7021762 | 6958376 | 7016019 | 0.78   | cps   |
| Terbium    | 159-2 | 1193921 | 1182403 | 1175252 | 1183859 | 0.80   | cps   |
| Thallium   | 203-1 | 1417    | 1534    | 1500    | 1483    | 4.05   | cps   |
| Thallium   | 205-1 | 3309    | 3301    | 3509    | 3373    | 3.50   | cps   |
| Tin        | 118-1 | 6444    | 6861    | 6477    | 6594    | 3.51   | cps   |
| Titanium   | 47-1  | 18655   | 18990   | 18680   | 18775   | 0.99   | cps   |
| Uranium    | 238-1 | 22722   | 23799   | 22655   | 23058   | 2.78   | cps   |
| Vanadium   | 51-2  | 12639   | 12539   | 12382   | 12520   | 1.03   | cps   |
| Yttrium    | 89-1  | 6100473 | 6113926 | 6100058 | 6104819 | 0.13   | cps   |
| Yttrium    | 89-2  | 153673  | 153178  | 152527  | 153126  | 0.38   | cps   |
| Zinc       | 66-2  | 3084    | 3404    | 3367    | 3285    | 5.33   | cps   |
| Zirconium  | 90-1  | 25066   | 29727   | 25074   | 26622   | 10.10  | cps   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB92809             | Operator :        | Jaswal    |
| Lab Sample ID :         | J1226-06            | Instrumnet Name : | P8        |
| Client Sample ID :      | MF6A98              | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2018-01-22 18:16:04 | DataFile Name :   | 083SMPL.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|-----------|------|------|------|------|---------|--------|-------|
| Zirconium | 91-1 | 8719 | 5601 | 5610 | 6643    | 27.06  | cps   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB92809             | Operator :        | Jaswal    |
| Lab Sample ID :         | J1226-07            | Instrumnet Name : | P8        |
| Client Sample ID :      | MF6A99              | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2018-01-22 18:19:14 | DataFile Name :   | 084SMPL.d |

| Parameter  | Mass  | CPS1    | CPS2    | CPS3    | CPSMean | CPSRSD | Units |
|------------|-------|---------|---------|---------|---------|--------|-------|
| Aluminium  | 27-2  | 50826   | 51294   | 50900   | 51007   | 0.49   | cps   |
| Antimony   | 121-1 | 1533    | 1417    | 1517    | 1489    | 4.24   | cps   |
| Arsenic    | 75-2  | 893     | 869     | 844     | 869     | 2.77   | cps   |
| Barium     | 135-1 | 1532531 | 1466434 | 1524280 | 1507748 | 2.39   | cps   |
| Barium     | 137-1 | 2668009 | 2657699 | 2680066 | 2668591 | 0.42   | cps   |
| Beryllium  | 9-1   | 1517    | 1228    | 1217    | 1320    | 12.88  | cps   |
| Bismuth    | 209-1 | 4713054 | 4656870 | 4205431 | 4525118 | 6.15   | cps   |
| Bismuth    | 209-2 | 998613  | 1002402 | 1010219 | 1003745 | 0.59   | cps   |
| Boron      | 10-1  | 350     | 300     | 350     | 333     | 8.66   | cps   |
| Boron      | 11-1  | 1517    | 1508    | 1992    | 1672    | 16.55  | cps   |
| Cadmium    | 111-1 | 2377    | 2368    | 2245    | 2330    | 3.17   | cps   |
| Cadmium    | 106-1 | 1283    | 1192    | 1025    | 1167    | 11.23  | cps   |
| Cadmium    | 108-1 | 150     | 71      | 146     | 122     | 36.45  | cps   |
| Calcium    | 43-1  | 199711  | 199022  | 202921  | 200551  | 1.04   | cps   |
| Calcium    | 44-1  | 3306409 | 3311726 | 3361930 | 3326688 | 0.92   | cps   |
| Chromium   | 52-2  | 10644   | 10377   | 10347   | 10456   | 1.56   | cps   |
| Cobalt     | 59-2  | 18696   | 18242   | 18466   | 18468   | 1.23   | cps   |
| Copper     | 63-2  | 29171   | 28072   | 28159   | 28467   | 2.15   | cps   |
| Dysprosium | 156-1 | 52557   | 51854   | 51202   | 51871   | 1.31   | cps   |
| Dysprosium | 156-2 | 10074   | 9767    | 9680    | 9840    | 2.10   | cps   |
| Erbium     | 164-1 | 40957   | 39704   | 40038   | 40233   | 1.61   | cps   |
| Erbium     | 164-2 | 6965    | 6932    | 7032    | 6976    | 0.73   | cps   |
| Gadolinium | 160-1 | 47162   | 48516   | 48223   | 47967   | 1.49   | cps   |
| Gadolinium | 160-2 | 11749   | 12149   | 11725   | 11874   | 2.01   | cps   |
| Holmium    | 165-1 | 6737802 | 6719786 | 6011790 | 6489793 | 6.38   | cps   |
| Holmium    | 165-2 | 1226843 | 1232994 | 1236128 | 1231988 | 0.38   | cps   |
| Indium     | 115-1 | 5172947 | 5093950 | 4587271 | 4951389 | 6.42   | cps   |
| Indium     | 115-2 | 182530  | 181998  | 183681  | 182736  | 0.47   | cps   |
| Iron       | 56-2  | 7950428 | 7933208 | 7900056 | 7927897 | 0.32   | cps   |
| Iron       | 57-2  | 193817  | 193981  | 193897  | 193898  | 0.04   | cps   |
| Lead       | 206-1 | 157503  | 158995  | 157149  | 157882  | 0.62   | cps   |
| Lead       | 207-1 | 128719  | 127376  | 128954  | 128349  | 0.66   | cps   |
| Lead       | 208-1 | 605439  | 602006  | 605343  | 604263  | 0.32   | cps   |
| Lithium    | 6-1   | 764820  | 765110  | 693159  | 741030  | 5.59   | cps   |
| Magnesium  | 24-2  | 167710  | 167087  | 166454  | 167084  | 0.38   | cps   |
| Manganese  | 55-2  | 171390  | 172787  | 172834  | 172337  | 0.48   | cps   |



|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB92809             | Operator :        | Jaswal    |
| Lab Sample ID :         | J1226-07            | Instrumnet Name : | P8        |
| Client Sample ID :      | MF6A99              | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2018-01-22 18:19:14 | DataFile Name :   | 084SMPL.d |

| Parameter  | Mass  | CPS1    | CPS2    | CPS3    | CPSMean | CPSRSD | Units |
|------------|-------|---------|---------|---------|---------|--------|-------|
| Molybdenum | 94-1  | 12623   | 11864   | 11522   | 12003   | 4.70   | cps   |
| Molybdenum | 95-1  | 1200    | 1392    | 1400    | 1331    | 8.50   | cps   |
| Molybdenum | 96-1  | 3359    | 3584    | 3384    | 3442    | 3.58   | cps   |
| Molybdenum | 97-1  | 833     | 825     | 808     | 822     | 1.55   | cps   |
| Molybdenum | 98-1  | 2025    | 1909    | 2192    | 2042    | 6.97   | cps   |
| Neodymium  | 150-1 | 79185   | 78756   | 79380   | 79107   | 0.40   | cps   |
| Neodymium  | 150-2 | 9400    | 9197    | 9180    | 9259    | 1.32   | cps   |
| Nickel     | 60-2  | 11382   | 11458   | 11131   | 11324   | 1.51   | cps   |
| Phosphorus | 31-2  | 175     | 208     | 108     | 164     | 31.07  | cps   |
| Potassium  | 39-2  | 19147   | 19832   | 19214   | 19397   | 1.95   | cps   |
| Rhodium    | 103-1 | 4697478 | 4682285 | 4146611 | 4508791 | 6.96   | cps   |
| Rhodium    | 103-2 | 1076815 | 1085102 | 1087140 | 1083019 | 0.50   | cps   |
| Scandium   | 45-1  | 2602472 | 2585258 | 2325101 | 2504277 | 6.21   | cps   |
| Scandium   | 45-2  | 16617   | 16994   | 16653   | 16755   | 1.24   | cps   |
| Selenium   | 77-2  | 47      | 53      | 43      | 48      | 10.66  | cps   |
| Selenium   | 78-2  | 20      | 26      | 15      | 20      | 27.30  | cps   |
| Selenium   | 82-1  | 65      | 47      | -22     | 30      | 154.86 | cps   |
| Silicon    | 28-1  | 4139366 | 4003745 | 4265786 | 4136299 | 3.17   | cps   |
| Silver     | 109-1 | 317     | 233     | 283     | 278     | 15.10  | cps   |
| Silver     | 107-1 | 375     | 283     | 300     | 319     | 15.29  | cps   |
| Sodium     | 23-2  | 40559   | 40985   | 39239   | 40261   | 2.26   | cps   |
| Strontium  | 86-1  | 175119  | 177041  | 178252  | 176804  | 0.89   | cps   |
| Strontium  | 88-1  | 1591249 | 1572108 | 1619465 | 1594274 | 1.49   | cps   |
| Sulfur     | 34-1  | 245318  | 244878  | 244929  | 245042  | 0.10   | cps   |
| Terbium    | 159-1 | 6926232 | 6914599 | 6107338 | 6649389 | 7.06   | cps   |
| Terbium    | 159-2 | 1165318 | 1168917 | 1174737 | 1169657 | 0.41   | cps   |
| Thallium   | 203-1 | 2734    | 2659    | 2817    | 2737    | 2.90   | cps   |
| Thallium   | 205-1 | 6860    | 6852    | 7027    | 6913    | 1.43   | cps   |
| Tin        | 118-1 | 9045    | 9245    | 9262    | 9184    | 1.32   | cps   |
| Titanium   | 47-1  | 22936   | 23704   | 23022   | 23221   | 1.81   | cps   |
| Uranium    | 238-1 | 28985   | 29185   | 30046   | 29405   | 1.92   | cps   |
| Vanadium   | 51-2  | 9647    | 9774    | 9807    | 9742    | 0.87   | cps   |
| Yttrium    | 89-1  | 5799273 | 5693826 | 5240787 | 5577962 | 5.32   | cps   |
| Yttrium    | 89-2  | 144956  | 144983  | 144855  | 144932  | 0.05   | cps   |
| Zinc       | 66-2  | 7792    | 7509    | 7879    | 7727    | 2.51   | cps   |
| Zirconium  | 90-1  | 30869   | 30936   | 32407   | 31404   | 2.77   | cps   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB92809             | Operator :        | Jaswal    |
| Lab Sample ID :         | J1226-07            | Instrumnet Name : | P8        |
| Client Sample ID :      | MF6A99              | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2018-01-22 18:19:14 | DataFile Name :   | 084SMPL.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|-----------|------|------|------|------|---------|--------|-------|
| Zirconium | 91-1 | 6985 | 7294 | 7294 | 7191    | 2.48   | cps   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB92809             | Operator :        | Jaswal    |
| Lab Sample ID :         | J1226-08            | Instrumnet Name : | P8        |
| Client Sample ID :      | MF6B00              | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2018-01-22 18:22:25 | DataFile Name :   | 085SMPL.d |

| Parameter  | Mass  | CPS1    | CPS2    | CPS3    | CPSMean | CPSRSD | Units |
|------------|-------|---------|---------|---------|---------|--------|-------|
| Aluminium  | 27-2  | 52791   | 52991   | 52298   | 52693   | 0.68   | cps   |
| Antimony   | 121-1 | 2717    | 2642    | 2492    | 2617    | 4.38   | cps   |
| Arsenic    | 75-2  | 1104    | 1033    | 1063    | 1067    | 3.31   | cps   |
| Barium     | 135-1 | 910965  | 904780  | 909093  | 908280  | 0.35   | cps   |
| Barium     | 137-1 | 1638095 | 1637032 | 1652353 | 1642493 | 0.52   | cps   |
| Beryllium  | 9-1   | 1489    | 1550    | 1556    | 1532    | 2.42   | cps   |
| Bismuth    | 209-1 | 4347158 | 4687204 | 4727786 | 4587383 | 4.56   | cps   |
| Bismuth    | 209-2 | 1006611 | 1005266 | 1007091 | 1006323 | 0.09   | cps   |
| Boron      | 10-1  | 425     | 492     | 450     | 456     | 7.39   | cps   |
| Boron      | 11-1  | 1925    | 1975    | 2059    | 1986    | 3.39   | cps   |
| Cadmium    | 111-1 | 1261    | 1360    | 1435    | 1352    | 6.43   | cps   |
| Cadmium    | 106-1 | 992     | 1100    | 1208    | 1100    | 9.85   | cps   |
| Cadmium    | 108-1 | 71      | 63      | 88      | 74      | 17.29  | cps   |
| Calcium    | 43-1  | 386218  | 388635  | 380704  | 385185  | 1.06   | cps   |
| Calcium    | 44-1  | 6340143 | 6287080 | 6350991 | 6326071 | 0.54   | cps   |
| Chromium   | 52-2  | 11518   | 11788   | 11949   | 11752   | 1.85   | cps   |
| Cobalt     | 59-2  | 19794   | 19791   | 20038   | 19874   | 0.71   | cps   |
| Copper     | 63-2  | 39158   | 38410   | 38747   | 38772   | 0.97   | cps   |
| Dysprosium | 156-1 | 48015   | 47069   | 47981   | 47688   | 1.13   | cps   |
| Dysprosium | 156-2 | 8943    | 9043    | 9027    | 9004    | 0.60   | cps   |
| Erbium     | 164-1 | 34279   | 34405   | 34112   | 34266   | 0.43   | cps   |
| Erbium     | 164-2 | 5898    | 6005    | 5788    | 5897    | 1.84   | cps   |
| Gadolinium | 160-1 | 44218   | 44527   | 42462   | 43736   | 2.55   | cps   |
| Gadolinium | 160-2 | 10718   | 10641   | 10925   | 10761   | 1.36   | cps   |
| Holmium    | 165-1 | 6303561 | 6676809 | 6756247 | 6578872 | 3.67   | cps   |
| Holmium    | 165-2 | 1237742 | 1230125 | 1227418 | 1231762 | 0.43   | cps   |
| Indium     | 115-1 | 4727217 | 5120212 | 5083232 | 4976887 | 4.36   | cps   |
| Indium     | 115-2 | 180693  | 182728  | 182476  | 181966  | 0.61   | cps   |
| Iron       | 56-2  | 7699469 | 7673124 | 7706920 | 7693171 | 0.23   | cps   |
| Iron       | 57-2  | 188263  | 187109  | 190218  | 188530  | 0.83   | cps   |
| Lead       | 206-1 | 135229  | 132017  | 133281  | 133509  | 1.21   | cps   |
| Lead       | 207-1 | 109598  | 108621  | 108836  | 109019  | 0.47   | cps   |
| Lead       | 208-1 | 515215  | 513741  | 515929  | 514962  | 0.22   | cps   |
| Lithium    | 6-1   | 712310  | 764906  | 769647  | 748954  | 4.25   | cps   |
| Magnesium  | 24-2  | 189607  | 187891  | 189218  | 188905  | 0.48   | cps   |
| Manganese  | 55-2  | 54687   | 53328   | 54118   | 54044   | 1.26   | cps   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB92809             | Operator :        | Jaswal    |
| Lab Sample ID :         | J1226-08            | Instrumnet Name : | P8        |
| Client Sample ID :      | MF6B00              | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2018-01-22 18:22:25 | DataFile Name :   | 085SMPL.d |

| Parameter  | Mass  | CPS1    | CPS2    | CPS3    | CPSMean | CPSRSD | Units |
|------------|-------|---------|---------|---------|---------|--------|-------|
| Molybdenum | 94-1  | 16077   | 17237   | 16027   | 16447   | 4.16   | cps   |
| Molybdenum | 95-1  | 1150    | 1325    | 1250    | 1242    | 7.07   | cps   |
| Molybdenum | 96-1  | 4126    | 4126    | 4243    | 4165    | 1.62   | cps   |
| Molybdenum | 97-1  | 833     | 758     | 892     | 828     | 8.08   | cps   |
| Molybdenum | 98-1  | 1942    | 1767    | 1742    | 1817    | 6.00   | cps   |
| Neodymium  | 150-1 | 76549   | 77012   | 76678   | 76746   | 0.31   | cps   |
| Neodymium  | 150-2 | 8883    | 9153    | 9167    | 9068    | 1.76   | cps   |
| Nickel     | 60-2  | 15829   | 15472   | 16210   | 15837   | 2.33   | cps   |
| Phosphorus | 31-2  | 158     | 158     | 133     | 150     | 9.62   | cps   |
| Potassium  | 39-2  | 20224   | 20157   | 19890   | 20090   | 0.88   | cps   |
| Rhodium    | 103-1 | 4350466 | 4614854 | 4616943 | 4527421 | 3.38   | cps   |
| Rhodium    | 103-2 | 1082949 | 1079290 | 1084908 | 1082383 | 0.26   | cps   |
| Scandium   | 45-1  | 2384337 | 2538536 | 2540860 | 2487911 | 3.61   | cps   |
| Scandium   | 45-2  | 16270   | 16623   | 16627   | 16507   | 1.24   | cps   |
| Selenium   | 77-2  | 30      | 50      | 60      | 47      | 32.73  | cps   |
| Selenium   | 78-2  | 17      | 17      | 24      | 19      | 22.33  | cps   |
| Selenium   | 82-1  | 82      | 57      | -36     | 34      | 180.05 | cps   |
| Silicon    | 28-1  | 4756659 | 4519226 | 4511414 | 4595767 | 3.03   | cps   |
| Silver     | 109-1 | 625     | 550     | 558     | 578     | 7.12   | cps   |
| Silver     | 107-1 | 700     | 717     | 717     | 711     | 1.35   | cps   |
| Sodium     | 23-2  | 35654   | 36072   | 35872   | 35866   | 0.58   | cps   |
| Strontium  | 86-1  | 168628  | 165104  | 167854  | 167195  | 1.11   | cps   |
| Strontium  | 88-1  | 1519588 | 1890031 | 1519962 | 1643194 | 13.01  | cps   |
| Sulfur     | 34-1  | 254835  | 253892  | 249966  | 252897  | 1.02   | cps   |
| Terbium    | 159-1 | 6436577 | 6898362 | 6982865 | 6772601 | 4.34   | cps   |
| Terbium    | 159-2 | 1175469 | 1169123 | 1171121 | 1171904 | 0.28   | cps   |
| Thallium   | 203-1 | 2759    | 2950    | 2976    | 2895    | 4.10   | cps   |
| Thallium   | 205-1 | 7177    | 6769    | 7353    | 7100    | 4.22   | cps   |
| Tin        | 118-1 | 9414    | 7978    | 8153    | 8515    | 9.20   | cps   |
| Titanium   | 47-1  | 28364   | 28080   | 30757   | 29067   | 5.06   | cps   |
| Uranium    | 238-1 | 22647   | 22630   | 23022   | 22766   | 0.97   | cps   |
| Vanadium   | 51-2  | 15315   | 15465   | 15198   | 15326   | 0.87   | cps   |
| Yttrium    | 89-1  | 5148527 | 5611772 | 5548906 | 5436402 | 4.62   | cps   |
| Yttrium    | 89-2  | 140264  | 136834  | 138732  | 138610  | 1.24   | cps   |
| Zinc       | 66-2  | 9056    | 8966    | 9126    | 9050    | 0.89   | cps   |
| Zirconium  | 90-1  | 42561   | 42317   | 42552   | 42476   | 0.33   | cps   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB92809             | Operator :        | Jaswal    |
| Lab Sample ID :         | J1226-08            | Instrumnet Name : | P8        |
| Client Sample ID :      | MF6B00              | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2018-01-22 18:22:25 | DataFile Name :   | 085SMPL.d |

| Parameter | Mass | CPS1 | CPS2  | CPS3 | CPSMean | CPSRSD | Units |
|-----------|------|------|-------|------|---------|--------|-------|
| Zirconium | 91-1 | 9412 | 10004 | 9429 | 9615    | 3.51   | cps   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB92809             | Operator :        | Jaswal    |
| Lab Sample ID :         | J1226-09            | Instrumnet Name : | P8        |
| Client Sample ID :      | MF6B01              | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2018-01-22 18:25:35 | DataFile Name :   | 086SMPL.d |

| Parameter  | Mass  | CPS1    | CPS2    | CPS3    | CPSMean | CPSRSD | Units |
|------------|-------|---------|---------|---------|---------|--------|-------|
| Aluminium  | 27-2  | 43677   | 41821   | 41729   | 42409   | 2.59   | cps   |
| Antimony   | 121-1 | 1509    | 1450    | 1492    | 1483    | 2.03   | cps   |
| Arsenic    | 75-2  | 398     | 365     | 350     | 371     | 6.65   | cps   |
| Barium     | 135-1 | 1074814 | 1059983 | 1063798 | 1066198 | 0.72   | cps   |
| Barium     | 137-1 | 1916214 | 1912446 | 1910921 | 1913193 | 0.14   | cps   |
| Beryllium  | 9-1   | 1489    | 1350    | 1489    | 1443    | 5.56   | cps   |
| Bismuth    | 209-1 | 4739705 | 4773932 | 4676097 | 4729912 | 1.05   | cps   |
| Bismuth    | 209-2 | 1015761 | 1006287 | 998034  | 1006694 | 0.88   | cps   |
| Boron      | 10-1  | 300     | 358     | 417     | 358     | 16.28  | cps   |
| Boron      | 11-1  | 1625    | 1575    | 1500    | 1567    | 4.02   | cps   |
| Cadmium    | 111-1 | 833     | 848     | 767     | 816     | 5.31   | cps   |
| Cadmium    | 106-1 | 1100    | 1050    | 992     | 1047    | 5.18   | cps   |
| Cadmium    | 108-1 | 58      | 29      | 33      | 40      | 39.16  | cps   |
| Calcium    | 43-1  | 188306  | 187697  | 186901  | 187635  | 0.38   | cps   |
| Calcium    | 44-1  | 3068438 | 3108816 | 3103873 | 3093709 | 0.71   | cps   |
| Chromium   | 52-2  | 9297    | 9373    | 9347    | 9339    | 0.42   | cps   |
| Cobalt     | 59-2  | 23650   | 23543   | 23410   | 23535   | 0.51   | cps   |
| Copper     | 63-2  | 33882   | 33651   | 33253   | 33595   | 0.95   | cps   |
| Dysprosium | 156-1 | 38950   | 39536   | 40581   | 39689   | 2.08   | cps   |
| Dysprosium | 156-2 | 7379    | 7596    | 7609    | 7528    | 1.72   | cps   |
| Erbium     | 164-1 | 27413   | 27188   | 27864   | 27488   | 1.25   | cps   |
| Erbium     | 164-2 | 4678    | 4738    | 4554    | 4656    | 2.01   | cps   |
| Gadolinium | 160-1 | 35758   | 36084   | 37054   | 36299   | 1.86   | cps   |
| Gadolinium | 160-2 | 8937    | 8907    | 8927    | 8923    | 0.17   | cps   |
| Holmium    | 165-1 | 6866133 | 6721654 | 6675714 | 6754500 | 1.47   | cps   |
| Holmium    | 165-2 | 1234263 | 1233790 | 1218007 | 1228687 | 0.75   | cps   |
| Indium     | 115-1 | 5141287 | 5104035 | 5108608 | 5117977 | 0.40   | cps   |
| Indium     | 115-2 | 184712  | 183360  | 183174  | 183749  | 0.46   | cps   |
| Iron       | 56-2  | 6020556 | 5928715 | 5992039 | 5980437 | 0.79   | cps   |
| Iron       | 57-2  | 146270  | 147471  | 146574  | 146771  | 0.43   | cps   |
| Lead       | 206-1 | 201167  | 199667  | 199438  | 200091  | 0.47   | cps   |
| Lead       | 207-1 | 164623  | 162555  | 162933  | 163370  | 0.67   | cps   |
| Lead       | 208-1 | 776212  | 769982  | 764599  | 770265  | 0.75   | cps   |
| Lithium    | 6-1   | 767237  | 768842  | 759060  | 765046  | 0.69   | cps   |
| Magnesium  | 24-2  | 172887  | 172686  | 170664  | 172079  | 0.71   | cps   |
| Manganese  | 55-2  | 161627  | 157819  | 160169  | 159872  | 1.20   | cps   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB92809             | Operator :        | Jaswal    |
| Lab Sample ID :         | J1226-09            | Instrumnet Name : | P8        |
| Client Sample ID :      | MF6B01              | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2018-01-22 18:25:35 | DataFile Name :   | 086SMPL.d |

| Parameter  | Mass  | CPS1    | CPS2    | CPS3    | CPSMean | CPSRSD  | Units |
|------------|-------|---------|---------|---------|---------|---------|-------|
| Molybdenum | 94-1  | 10747   | 10663   | 10755   | 10721   | 0.47    | cps   |
| Molybdenum | 95-1  | 1083    | 1025    | 1050    | 1053    | 2.78    | cps   |
| Molybdenum | 96-1  | 3517    | 3084    | 3142    | 3248    | 7.24    | cps   |
| Molybdenum | 97-1  | 608     | 733     | 708     | 683     | 9.68    | cps   |
| Molybdenum | 98-1  | 1709    | 1483    | 1642    | 1611    | 7.17    | cps   |
| Neodymium  | 150-1 | 65571   | 66073   | 66013   | 65885   | 0.42    | cps   |
| Neodymium  | 150-2 | 7669    | 7562    | 7849    | 7693    | 1.88    | cps   |
| Nickel     | 60-2  | 14972   | 14404   | 14197   | 14524   | 2.76    | cps   |
| Phosphorus | 31-2  | 83      | 92      | 142     | 106     | 29.89   | cps   |
| Potassium  | 39-2  | 17603   | 17437   | 17553   | 17531   | 0.49    | cps   |
| Rhodium    | 103-1 | 4638062 | 4676432 | 4635694 | 4650062 | 0.49    | cps   |
| Rhodium    | 103-2 | 1095001 | 1090217 | 1083631 | 1089616 | 0.52    | cps   |
| Scandium   | 45-1  | 2543787 | 2571641 | 2542218 | 2552549 | 0.65    | cps   |
| Scandium   | 45-2  | 16320   | 16370   | 16396   | 16362   | 0.24    | cps   |
| Selenium   | 77-2  | 40      | 17      | 33      | 30      | 40.05   | cps   |
| Selenium   | 78-2  | 13      | 9       | 15      | 12      | 22.89   | cps   |
| Selenium   | 82-1  | -36     | -38     | 28      | -16     | -243.72 | cps   |
| Silicon    | 28-1  | 3151243 | 3081606 | 3150866 | 3127905 | 1.28    | cps   |
| Silver     | 109-1 | 267     | 308     | 408     | 328     | 22.21   | cps   |
| Silver     | 107-1 | 392     | 408     | 358     | 386     | 6.59    | cps   |
| Sodium     | 23-2  | 28605   | 29097   | 29214   | 28972   | 1.12    | cps   |
| Strontium  | 86-1  | 137788  | 137739  | 136998  | 137508  | 0.32    | cps   |
| Strontium  | 88-1  | 1207779 | 1196879 | 1203684 | 1202781 | 0.46    | cps   |
| Sulfur     | 34-1  | 250498  | 249762  | 251482  | 250581  | 0.34    | cps   |
| Terbium    | 159-1 | 6930676 | 6935302 | 6867472 | 6911150 | 0.55    | cps   |
| Terbium    | 159-2 | 1180004 | 1176091 | 1169971 | 1175355 | 0.43    | cps   |
| Thallium   | 203-1 | 2300    | 1967    | 2075    | 2114    | 8.04    | cps   |
| Thallium   | 205-1 | 5435    | 5301    | 5193    | 5310    | 2.28    | cps   |
| Tin        | 118-1 | 7436    | 7377    | 11704   | 8839    | 28.07   | cps   |
| Titanium   | 47-1  | 18747   | 19159   | 17161   | 18356   | 5.75    | cps   |
| Uranium    | 238-1 | 23590   | 24291   | 24016   | 23966   | 1.47    | cps   |
| Vanadium   | 51-2  | 9480    | 9156    | 9186    | 9274    | 1.93    | cps   |
| Yttrium    | 89-1  | 5420935 | 5429640 | 5433056 | 5427877 | 0.12    | cps   |
| Yttrium    | 89-2  | 137978  | 136779  | 137793  | 137517  | 0.47    | cps   |
| Zinc       | 66-2  | 7499    | 7592    | 7842    | 7644    | 2.32    | cps   |
| Zirconium  | 90-1  | 27905   | 26569   | 26560   | 27011   | 2.87    | cps   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB92809             | Operator :        | Jaswal    |
| Lab Sample ID :         | J1226-09            | Instrumnet Name : | P8        |
| Client Sample ID :      | MF6B01              | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2018-01-22 18:25:35 | DataFile Name :   | 086SMPL.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|-----------|------|------|------|------|---------|--------|-------|
| Zirconium | 91-1 | 5893 | 6252 | 5843 | 5996    | 3.72   | cps   |



|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB92809             | Operator :        | Jaswal    |
| Lab Sample ID :         | J1226-10            | Instrumnet Name : | P8        |
| Client Sample ID :      | MF6B02              | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2018-01-22 18:28:45 | DataFile Name :   | 087SMPL.d |

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|------------|-------|----------|----------|----------|----------|--------|-------|
| Aluminium  | 27-2  | 56413    | 57301    | 55576    | 56430    | 1.53   | cps   |
| Antimony   | 121-1 | 2067     | 2392     | 2200     | 2220     | 7.36   | cps   |
| Arsenic    | 75-2  | 1656     | 1578     | 1515     | 1583     | 4.45   | cps   |
| Barium     | 135-1 | 844130   | 838237   | 846507   | 842958   | 0.51   | cps   |
| Barium     | 137-1 | 1501235  | 1508959  | 1474868  | 1495021  | 1.20   | cps   |
| Beryllium  | 9-1   | 1456     | 1717     | 1506     | 1559     | 8.89   | cps   |
| Bismuth    | 209-1 | 4751544  | 4432155  | 4707477  | 4630392  | 3.74   | cps   |
| Bismuth    | 209-2 | 1010855  | 1001912  | 1011426  | 1008064  | 0.53   | cps   |
| Boron      | 10-1  | 483      | 508      | 542      | 511      | 5.73   | cps   |
| Boron      | 11-1  | 2334     | 2417     | 2434     | 2395     | 2.24   | cps   |
| Cadmium    | 111-1 | 1078     | 1115     | 950      | 1047     | 8.27   | cps   |
| Cadmium    | 106-1 | 1092     | 1100     | 1033     | 1075     | 3.38   | cps   |
| Cadmium    | 108-1 | 88       | 79       | 88       | 85       | 5.68   | cps   |
| Calcium    | 43-1  | 691708   | 687384   | 688232   | 689108   | 0.33   | cps   |
| Calcium    | 44-1  | 11296081 | 11300734 | 11283336 | 11293384 | 0.08   | cps   |
| Chromium   | 52-2  | 14000    | 14404    | 14134    | 14180    | 1.45   | cps   |
| Cobalt     | 59-2  | 22398    | 21687    | 21654    | 21913    | 1.92   | cps   |
| Copper     | 63-2  | 37504    | 37624    | 37056    | 37395    | 0.80   | cps   |
| Dysprosium | 156-1 | 48048    | 49687    | 50360    | 49365    | 2.41   | cps   |
| Dysprosium | 156-2 | 9640     | 9500     | 9100     | 9414     | 2.98   | cps   |
| Erbium     | 164-1 | 36453    | 36177    | 36135    | 36255    | 0.48   | cps   |
| Erbium     | 164-2 | 6192     | 6202     | 6305     | 6233     | 1.01   | cps   |
| Gadolinium | 160-1 | 44820    | 46100    | 45071    | 45330    | 1.50   | cps   |
| Gadolinium | 160-2 | 10888    | 11222    | 11395    | 11168    | 2.31   | cps   |
| Holmium    | 165-1 | 6790871  | 6348127  | 6720108  | 6619702  | 3.59   | cps   |
| Holmium    | 165-2 | 1234015  | 1227498  | 1235250  | 1232254  | 0.34   | cps   |
| Indium     | 115-1 | 5118068  | 4811675  | 5056151  | 4995298  | 3.24   | cps   |
| Indium     | 115-2 | 182017   | 180896   | 179776   | 180896   | 0.62   | cps   |
| Iron       | 56-2  | 14014473 | 14102911 | 13901825 | 14006403 | 0.72   | cps   |
| Iron       | 57-2  | 343763   | 345229   | 345842   | 344945   | 0.31   | cps   |
| Lead       | 206-1 | 168424   | 165424   | 163927   | 165925   | 1.38   | cps   |
| Lead       | 207-1 | 134977   | 136403   | 134107   | 135162   | 0.86   | cps   |
| Lead       | 208-1 | 645223   | 638965   | 632728   | 638972   | 0.98   | cps   |
| Lithium    | 6-1   | 760134   | 711812   | 752615   | 741520   | 3.51   | cps   |
| Magnesium  | 24-2  | 243433   | 240177   | 241220   | 241610   | 0.69   | cps   |
| Manganese  | 55-2  | 124220   | 124354   | 124169   | 124248   | 0.08   | cps   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB92809             | Operator :        | Jaswal    |
| Lab Sample ID :         | J1226-10            | Instrumnet Name : | P8        |
| Client Sample ID :      | MF6B02              | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2018-01-22 18:28:45 | DataFile Name :   | 087SMPL.d |

| Parameter  | Mass  | CPS1    | CPS2    | CPS3    | CPSMean | CPSRSD | Units |
|------------|-------|---------|---------|---------|---------|--------|-------|
| Molybdenum | 94-1  | 15251   | 14942   | 14659   | 14951   | 1.98   | cps   |
| Molybdenum | 95-1  | 1684    | 1759    | 1525    | 1656    | 7.20   | cps   |
| Molybdenum | 96-1  | 4626    | 5001    | 5286    | 4971    | 6.66   | cps   |
| Molybdenum | 97-1  | 1208    | 1083    | 1008    | 1100    | 9.19   | cps   |
| Molybdenum | 98-1  | 2434    | 2675    | 2750    | 2620    | 6.32   | cps   |
| Neodymium  | 150-1 | 77367   | 77321   | 78728   | 77805   | 1.03   | cps   |
| Neodymium  | 150-2 | 9053    | 9240    | 8953    | 9082    | 1.60   | cps   |
| Nickel     | 60-2  | 15175   | 14821   | 14885   | 14960   | 1.26   | cps   |
| Phosphorus | 31-2  | 158     | 217     | 233     | 203     | 19.42  | cps   |
| Potassium  | 39-2  | 24055   | 22903   | 23061   | 23340   | 2.68   | cps   |
| Rhodium    | 103-1 | 4658612 | 4309480 | 4575357 | 4514483 | 4.04   | cps   |
| Rhodium    | 103-2 | 1077509 | 1075742 | 1077302 | 1076851 | 0.09   | cps   |
| Scandium   | 45-1  | 2539062 | 2389105 | 2528100 | 2485422 | 3.36   | cps   |
| Scandium   | 45-2  | 16430   | 16046   | 15772   | 16083   | 2.05   | cps   |
| Selenium   | 77-2  | 30      | 43      | 23      | 32      | 31.61  | cps   |
| Selenium   | 78-2  | 19      | 17      | 20      | 19      | 9.99   | cps   |
| Selenium   | 82-1  | 15      | 81      | 77      | 58      | 64.84  | cps   |
| Silicon    | 28-1  | 5358441 | 6230770 | 5131779 | 5573664 | 10.41  | cps   |
| Silver     | 109-1 | 333     | 275     | 350     | 319     | 12.33  | cps   |
| Silver     | 107-1 | 367     | 408     | 367     | 381     | 6.32   | cps   |
| Sodium     | 23-2  | 27878   | 28037   | 27995   | 27970   | 0.29   | cps   |
| Strontium  | 86-1  | 206719  | 209181  | 206269  | 207390  | 0.76   | cps   |
| Strontium  | 88-1  | 1858422 | 1884233 | 1864724 | 1869126 | 0.72   | cps   |
| Sulfur     | 34-1  | 256697  | 256573  | 259548  | 257606  | 0.65   | cps   |
| Terbium    | 159-1 | 6993338 | 6542475 | 6875755 | 6803856 | 3.44   | cps   |
| Terbium    | 159-2 | 1179403 | 1173938 | 1175311 | 1176217 | 0.24   | cps   |
| Thallium   | 203-1 | 3484    | 2984    | 3276    | 3248    | 7.74   | cps   |
| Thallium   | 205-1 | 8153    | 7486    | 7878    | 7839    | 4.28   | cps   |
| Tin        | 118-1 | 9212    | 9279    | 8795    | 9095    | 2.88   | cps   |
| Titanium   | 47-1  | 44332   | 45376   | 39608   | 43105   | 7.13   | cps   |
| Uranium    | 238-1 | 33129   | 33747   | 33429   | 33435   | 0.92   | cps   |
| Vanadium   | 51-2  | 17928   | 17845   | 17878   | 17884   | 0.23   | cps   |
| Yttrium    | 89-1  | 5497471 | 5213969 | 5520578 | 5410672 | 3.16   | cps   |
| Yttrium    | 89-2  | 137060  | 137314  | 138032  | 137469  | 0.37   | cps   |
| Zinc       | 66-2  | 9420    | 9460    | 9253    | 9378    | 1.17   | cps   |
| Zirconium  | 90-1  | 37971   | 39596   | 41293   | 39620   | 4.19   | cps   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB92809             | Operator :        | Jaswal    |
| Lab Sample ID :         | J1226-10            | Instrumnet Name : | P8        |
| Client Sample ID :      | MF6B02              | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2018-01-22 18:28:45 | DataFile Name :   | 087SMPL.d |

| Parameter | Mass | CPS1  | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|-----------|------|-------|------|------|---------|--------|-------|
| Zirconium | 91-1 | 29019 | 8603 | 8913 | 15512   | 75.42  | cps   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB92809             | Operator :        | Jaswal    |
| Lab Sample ID :         | J1226-13            | Instrumnet Name : | P8        |
| Client Sample ID :      | MF6B03              | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2018-01-22 18:31:55 | DataFile Name :   | 088SMPL.d |

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|------------|-------|----------|----------|----------|----------|--------|-------|
| Aluminium  | 27-2  | 50499    | 50315    | 50181    | 50332    | 0.32   | cps   |
| Antimony   | 121-1 | 2650     | 2767     | 2775     | 2731     | 2.56   | cps   |
| Arsenic    | 75-2  | 956      | 972      | 913      | 947      | 3.23   | cps   |
| Barium     | 135-1 | 970704   | 979683   | 979094   | 976493   | 0.51   | cps   |
| Barium     | 137-1 | 1768864  | 1763008  | 1778989  | 1770287  | 0.46   | cps   |
| Beryllium  | 9-1   | 1339     | 1245     | 1428     | 1337     | 6.86   | cps   |
| Bismuth    | 209-1 | 4760676  | 4741460  | 4710359  | 4737498  | 0.54   | cps   |
| Bismuth    | 209-2 | 1007330  | 1010608  | 987309   | 1001749  | 1.26   | cps   |
| Boron      | 10-1  | 475      | 542      | 492      | 503      | 6.90   | cps   |
| Boron      | 11-1  | 2000     | 2200     | 2059     | 2086     | 4.93   | cps   |
| Cadmium    | 111-1 | 1283     | 1643     | 1185     | 1370     | 17.58  | cps   |
| Cadmium    | 106-1 | 1183     | 1659     | 1125     | 1323     | 22.15  | cps   |
| Cadmium    | 108-1 | 100      | 63       | 75       | 79       | 24.12  | cps   |
| Calcium    | 43-1  | 613283   | 617361   | 605303   | 611982   | 1.00   | cps   |
| Calcium    | 44-1  | 10013466 | 10060506 | 10010506 | 10028159 | 0.28   | cps   |
| Chromium   | 52-2  | 12426    | 11315    | 12272    | 12004    | 5.01   | cps   |
| Cobalt     | 59-2  | 20812    | 20696    | 20325    | 20611    | 1.23   | cps   |
| Copper     | 63-2  | 36000    | 35402    | 35719    | 35707    | 0.84   | cps   |
| Dysprosium | 156-1 | 47437    | 47111    | 47287    | 47278    | 0.35   | cps   |
| Dysprosium | 156-2 | 8643     | 8840     | 8987     | 8823     | 1.95   | cps   |
| Erbium     | 164-1 | 34689    | 35466    | 35758    | 35304    | 1.57   | cps   |
| Erbium     | 164-2 | 6168     | 6188     | 5691     | 6016     | 4.68   | cps   |
| Gadolinium | 160-1 | 43775    | 43641    | 44410    | 43942    | 0.94   | cps   |
| Gadolinium | 160-2 | 11102    | 10795    | 10488    | 10795    | 2.84   | cps   |
| Holmium    | 165-1 | 6811711  | 6842932  | 6890515  | 6848386  | 0.58   | cps   |
| Holmium    | 165-2 | 1227144  | 1224137  | 1207298  | 1219526  | 0.88   | cps   |
| Indium     | 115-1 | 5096671  | 5144350  | 5143812  | 5128277  | 0.53   | cps   |
| Indium     | 115-2 | 178847   | 177886   | 175034   | 177256   | 1.12   | cps   |
| Iron       | 56-2  | 9599871  | 9671329  | 9553219  | 9608140  | 0.62   | cps   |
| Iron       | 57-2  | 239443   | 237303   | 236840   | 237862   | 0.58   | cps   |
| Lead       | 206-1 | 166612   | 165002   | 166031   | 165882   | 0.49   | cps   |
| Lead       | 207-1 | 133911   | 133033   | 136116   | 134353   | 1.18   | cps   |
| Lead       | 208-1 | 640361   | 634879   | 636101   | 637114   | 0.45   | cps   |
| Lithium    | 6-1   | 753505   | 753846   | 760061   | 755804   | 0.49   | cps   |
| Magnesium  | 24-2  | 261252   | 254447   | 254585   | 256761   | 1.51   | cps   |
| Manganese  | 55-2  | 179628   | 175830   | 178369   | 177942   | 1.09   | cps   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB92809             | Operator :        | Jaswal    |
| Lab Sample ID :         | J1226-13            | Instrumnet Name : | P8        |
| Client Sample ID :      | MF6B03              | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2018-01-22 18:31:55 | DataFile Name :   | 088SMPL.d |

| Parameter  | Mass  | CPS1    | CPS2    | CPS3    | CPSMean | CPSRSD | Units |
|------------|-------|---------|---------|---------|---------|--------|-------|
| Molybdenum | 94-1  | 21202   | 22060   | 21727   | 21663   | 2.00   | cps   |
| Molybdenum | 95-1  | 1692    | 1717    | 1875    | 1761    | 5.64   | cps   |
| Molybdenum | 96-1  | 5551    | 6456    | 6318    | 6108    | 7.98   | cps   |
| Molybdenum | 97-1  | 1300    | 1167    | 1125    | 1197    | 7.64   | cps   |
| Molybdenum | 98-1  | 2859    | 2859    | 3209    | 2975    | 6.79   | cps   |
| Neodymium  | 150-1 | 75416   | 75858   | 75966   | 75747   | 0.38   | cps   |
| Neodymium  | 150-2 | 8603    | 8730    | 8923    | 8752    | 1.84   | cps   |
| Nickel     | 60-2  | 15539   | 15402   | 15032   | 15324   | 1.71   | cps   |
| Phosphorus | 31-2  | 150     | 258     | 167     | 192     | 30.43  | cps   |
| Potassium  | 39-2  | 20516   | 20224   | 20483   | 20408   | 0.78   | cps   |
| Rhodium    | 103-1 | 4609456 | 4601089 | 4652500 | 4621015 | 0.60   | cps   |
| Rhodium    | 103-2 | 1068379 | 1066478 | 1056015 | 1063624 | 0.63   | cps   |
| Scandium   | 45-1  | 2495903 | 2508960 | 2527574 | 2510812 | 0.63   | cps   |
| Scandium   | 45-2  | 16303   | 15863   | 15532   | 15899   | 2.43   | cps   |
| Selenium   | 77-2  | 30      | 50      | 23      | 34      | 40.30  | cps   |
| Selenium   | 78-2  | 22      | 22      | 20      | 22      | 4.94   | cps   |
| Selenium   | 82-1  | 53      | 34      | -4      | 27      | 105.84 | cps   |
| Silicon    | 28-1  | 6073984 | 6088767 | 5756381 | 5973044 | 3.14   | cps   |
| Silver     | 109-1 | 358     | 317     | 300     | 325     | 9.25   | cps   |
| Silver     | 107-1 | 508     | 292     | 317     | 372     | 31.85  | cps   |
| Sodium     | 23-2  | 25515   | 24622   | 27737   | 25958   | 6.18   | cps   |
| Strontium  | 86-1  | 174815  | 175716  | 176442  | 175658  | 0.46   | cps   |
| Strontium  | 88-1  | 1591731 | 1558214 | 1591063 | 1580336 | 1.21   | cps   |
| Sulfur     | 34-1  | 256300  | 257259  | 254859  | 256140  | 0.47   | cps   |
| Terbium    | 159-1 | 6948700 | 7004950 | 7052800 | 7002150 | 0.74   | cps   |
| Terbium    | 159-2 | 1161574 | 1164301 | 1148873 | 1158249 | 0.71   | cps   |
| Thallium   | 203-1 | 3401    | 3117    | 3142    | 3220    | 4.87   | cps   |
| Thallium   | 205-1 | 7619    | 7778    | 7478    | 7625    | 1.97   | cps   |
| Tin        | 118-1 | 7828    | 7978    | 8295    | 8033    | 2.97   | cps   |
| Titanium   | 47-1  | 57702   | 57335   | 57044   | 57360   | 0.58   | cps   |
| Uranium    | 238-1 | 32937   | 33095   | 34128   | 33387   | 1.94   | cps   |
| Vanadium   | 51-2  | 15319   | 15175   | 15178   | 15224   | 0.54   | cps   |
| Yttrium    | 89-1  | 5479546 | 5460535 | 5476792 | 5472291 | 0.19   | cps   |
| Yttrium    | 89-2  | 137792  | 136114  | 132929  | 135612  | 1.82   | cps   |
| Zinc       | 66-2  | 8646    | 8466    | 8566    | 8559    | 1.05   | cps   |
| Zirconium  | 90-1  | 57025   | 53858   | 55322   | 55402   | 2.86   | cps   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB92809             | Operator :        | Jaswal    |
| Lab Sample ID :         | J1226-13            | Instrumnet Name : | P8        |
| Client Sample ID :      | MF6B03              | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2018-01-22 18:31:55 | DataFile Name :   | 088SMPL.d |

| Parameter | Mass | CPS1  | CPS2  | CPS3  | CPSMean | CPSRSD | Units |
|-----------|------|-------|-------|-------|---------|--------|-------|
| Zirconium | 91-1 | 16279 | 13971 | 12165 | 14138   | 14.59  | cps   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB92809             | Operator :        | Jaswal    |
| Lab Sample ID :         | J1226-14            | Instrumnet Name : | P8        |
| Client Sample ID :      | MF6B04              | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2018-01-22 18:35:05 | DataFile Name :   | 089SMPL.d |

| Parameter  | Mass  | CPS1    | CPS2    | CPS3    | CPSMean | CPSRSD | Units |
|------------|-------|---------|---------|---------|---------|--------|-------|
| Aluminium  | 27-2  | 36582   | 38821   | 36607   | 37337   | 3.44   | cps   |
| Antimony   | 121-1 | 2925    | 2759    | 2617    | 2767    | 5.58   | cps   |
| Arsenic    | 75-2  | 520     | 524     | 513     | 519     | 1.09   | cps   |
| Barium     | 135-1 | 652239  | 649526  | 645688  | 649151  | 0.51   | cps   |
| Barium     | 137-1 | 1134133 | 1123972 | 1128368 | 1128824 | 0.45   | cps   |
| Beryllium  | 9-1   | 928     | 1028    | 1017    | 991     | 5.53   | cps   |
| Bismuth    | 209-1 | 4727472 | 4757527 | 4706629 | 4730543 | 0.54   | cps   |
| Bismuth    | 209-2 | 1001426 | 980418  | 988542  | 990129  | 1.07   | cps   |
| Boron      | 10-1  | 592     | 650     | 608     | 617     | 4.87   | cps   |
| Boron      | 11-1  | 2750    | 2925    | 2900    | 2859    | 3.31   | cps   |
| Cadmium    | 111-1 | 933     | 998     | 1064    | 998     | 6.55   | cps   |
| Cadmium    | 106-1 | 975     | 1000    | 1100    | 1025    | 6.45   | cps   |
| Cadmium    | 108-1 | 113     | 104     | 63      | 93      | 28.79  | cps   |
| Calcium    | 43-1  | 499988  | 499237  | 488982  | 496069  | 1.24   | cps   |
| Calcium    | 44-1  | 8110865 | 8237878 | 8141349 | 8163364 | 0.81   | cps   |
| Chromium   | 52-2  | 9480    | 8880    | 9453    | 9271    | 3.66   | cps   |
| Cobalt     | 59-2  | 14831   | 14578   | 14628   | 14679   | 0.91   | cps   |
| Copper     | 63-2  | 26986   | 26853   | 26669   | 26836   | 0.59   | cps   |
| Dysprosium | 156-1 | 42052   | 40480   | 41751   | 41428   | 2.01   | cps   |
| Dysprosium | 156-2 | 7872    | 8366    | 8109    | 8116    | 3.04   | cps   |
| Erbium     | 164-1 | 32366   | 31673   | 31832   | 31957   | 1.14   | cps   |
| Erbium     | 164-2 | 5535    | 5385    | 5831    | 5584    | 4.07   | cps   |
| Gadolinium | 160-1 | 39386   | 39160   | 38181   | 38909   | 1.64   | cps   |
| Gadolinium | 160-2 | 9927    | 9574    | 9831    | 9777    | 1.87   | cps   |
| Holmium    | 165-1 | 6792793 | 6856320 | 6762710 | 6803941 | 0.70   | cps   |
| Holmium    | 165-2 | 1215318 | 1202120 | 1209912 | 1209117 | 0.55   | cps   |
| Indium     | 115-1 | 5098743 | 5112180 | 5079200 | 5096708 | 0.33   | cps   |
| Indium     | 115-2 | 177658  | 174422  | 178176  | 176752  | 1.15   | cps   |
| Iron       | 56-2  | 6972724 | 6862758 | 6927120 | 6920867 | 0.80   | cps   |
| Iron       | 57-2  | 172802  | 173098  | 170754  | 172218  | 0.74   | cps   |
| Lead       | 206-1 | 102096  | 103099  | 100494  | 101896  | 1.29   | cps   |
| Lead       | 207-1 | 83540   | 83088   | 83081   | 83237   | 0.32   | cps   |
| Lead       | 208-1 | 397064  | 395591  | 389930  | 394195  | 0.96   | cps   |
| Lithium    | 6-1   | 753273  | 756816  | 749737  | 753275  | 0.47   | cps   |
| Magnesium  | 24-2  | 243262  | 239463  | 243282  | 242002  | 0.91   | cps   |
| Manganese  | 55-2  | 107627  | 106720  | 107970  | 107439  | 0.60   | cps   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB92809             | Operator :        | Jaswal    |
| Lab Sample ID :         | J1226-14            | Instrumnet Name : | P8        |
| Client Sample ID :      | MF6B04              | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2018-01-22 18:35:05 | DataFile Name :   | 089SMPL.d |

| Parameter  | Mass  | CPS1    | CPS2    | CPS3    | CPSMean | CPSRSD | Units |
|------------|-------|---------|---------|---------|---------|--------|-------|
| Molybdenum | 94-1  | 20452   | 20501   | 20344   | 20432   | 0.39   | cps   |
| Molybdenum | 95-1  | 883     | 758     | 792     | 811     | 7.98   | cps   |
| Molybdenum | 96-1  | 4584    | 3959    | 4351    | 4298    | 7.35   | cps   |
| Molybdenum | 97-1  | 533     | 500     | 475     | 503     | 5.82   | cps   |
| Molybdenum | 98-1  | 1442    | 1325    | 1375    | 1381    | 4.24   | cps   |
| Neodymium  | 150-1 | 64948   | 66187   | 63815   | 64983   | 1.83   | cps   |
| Neodymium  | 150-2 | 7569    | 7295    | 7372    | 7412    | 1.90   | cps   |
| Nickel     | 60-2  | 11348   | 11148   | 10828   | 11108   | 2.36   | cps   |
| Phosphorus | 31-2  | 217     | 258     | 217     | 231     | 10.43  | cps   |
| Potassium  | 39-2  | 18121   | 18364   | 17904   | 18130   | 1.27   | cps   |
| Rhodium    | 103-1 | 4641030 | 4591212 | 4578326 | 4603523 | 0.72   | cps   |
| Rhodium    | 103-2 | 1064259 | 1051463 | 1058824 | 1058182 | 0.61   | cps   |
| Scandium   | 45-1  | 2513847 | 2504243 | 2466616 | 2494902 | 1.00   | cps   |
| Scandium   | 45-2  | 15859   | 15492   | 16093   | 15815   | 1.91   | cps   |
| Selenium   | 77-2  | 40      | 43      | 37      | 40      | 8.32   | cps   |
| Selenium   | 78-2  | 19      | 20      | 17      | 19      | 9.99   | cps   |
| Selenium   | 82-1  | -4      | 3       | 12      | 4       | 213.77 | cps   |
| Silicon    | 28-1  | 6310252 | 5879443 | 7873332 | 6687676 | 15.69  | cps   |
| Silver     | 109-1 | 333     | 375     | 425     | 378     | 12.15  | cps   |
| Silver     | 107-1 | 350     | 425     | 475     | 417     | 15.10  | cps   |
| Sodium     | 23-2  | 18354   | 18212   | 18755   | 18440   | 1.53   | cps   |
| Strontium  | 86-1  | 136502  | 140323  | 136281  | 137702  | 1.65   | cps   |
| Strontium  | 88-1  | 1198094 | 1212080 | 1194917 | 1201697 | 0.76   | cps   |
| Sulfur     | 34-1  | 253611  | 256412  | 254468  | 254830  | 0.56   | cps   |
| Terbium    | 159-1 | 6931250 | 6942309 | 6947573 | 6940377 | 0.12   | cps   |
| Terbium    | 159-2 | 1157605 | 1152744 | 1155211 | 1155187 | 0.21   | cps   |
| Thallium   | 203-1 | 2175    | 1900    | 2109    | 2061    | 6.96   | cps   |
| Thallium   | 205-1 | 5126    | 5393    | 5085    | 5201    | 3.22   | cps   |
| Tin        | 118-1 | 6135    | 5852    | 5993    | 5993    | 2.36   | cps   |
| Titanium   | 47-1  | 79661   | 77871   | 76579   | 78037   | 1.98   | cps   |
| Uranium    | 238-1 | 27390   | 27548   | 27573   | 27504   | 0.36   | cps   |
| Vanadium   | 51-2  | 12646   | 12319   | 12496   | 12487   | 1.31   | cps   |
| Yttrium    | 89-1  | 5488795 | 5497718 | 5395873 | 5460795 | 1.03   | cps   |
| Yttrium    | 89-2  | 135443  | 132885  | 134951  | 134427  | 1.01   | cps   |
| Zinc       | 66-2  | 5818    | 5898    | 5668    | 5795    | 2.02   | cps   |
| Zirconium  | 90-1  | 52103   | 53961   | 52521   | 52862   | 1.84   | cps   |



|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB92809             | Operator :        | Jaswal    |
| Lab Sample ID :         | J1226-14            | Instrumnet Name : | P8        |
| Client Sample ID :      | MF6B04              | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2018-01-22 18:35:05 | DataFile Name :   | 089SMPL.d |

| Parameter | Mass | CPS1  | CPS2  | CPS3  | CPSMean | CPSRSD | Units |
|-----------|------|-------|-------|-------|---------|--------|-------|
| Zirconium | 91-1 | 13178 | 13129 | 12073 | 12794   | 4.88   | cps   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB92809             | Operator :        | Jaswal    |
| Lab Sample ID :         | J1226-15            | Instrumnet Name : | P8        |
| Client Sample ID :      | MF6B06              | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2018-01-22 18:38:15 | DataFile Name :   | 090SMPL.d |

| Parameter  | Mass  | CPS1    | CPS2    | CPS3    | CPSMean | CPSRSD | Units |
|------------|-------|---------|---------|---------|---------|--------|-------|
| Aluminium  | 27-2  | 47848   | 47572   | 50825   | 48749   | 3.70   | cps   |
| Antimony   | 121-1 | 2792    | 2742    | 3209    | 2914    | 8.79   | cps   |
| Arsenic    | 75-2  | 315     | 276     | 328     | 306     | 8.81   | cps   |
| Barium     | 135-1 | 618756  | 616155  | 613801  | 616237  | 0.40   | cps   |
| Barium     | 137-1 | 1077224 | 1064497 | 1078008 | 1073243 | 0.71   | cps   |
| Beryllium  | 9-1   | 1245    | 1228    | 1328    | 1267    | 4.23   | cps   |
| Bismuth    | 209-1 | 4744492 | 4787293 | 4758073 | 4763286 | 0.46   | cps   |
| Bismuth    | 209-2 | 1009275 | 891807  | 1021370 | 974151  | 7.35   | cps   |
| Boron      | 10-1  | 567     | 408     | 483     | 486     | 16.29  | cps   |
| Boron      | 11-1  | 2184    | 2400    | 2342    | 2309    | 4.86   | cps   |
| Cadmium    | 111-1 | 8590    | 8572    | 9011    | 8724    | 2.85   | cps   |
| Cadmium    | 106-1 | 1675    | 1759    | 2050    | 1828    | 10.77  | cps   |
| Cadmium    | 108-1 | 563     | 642     | 563     | 589     | 7.76   | cps   |
| Calcium    | 43-1  | 175423  | 173730  | 174167  | 174440  | 0.50   | cps   |
| Calcium    | 44-1  | 2903447 | 2938737 | 2928051 | 2923412 | 0.62   | cps   |
| Chromium   | 52-2  | 11121   | 11061   | 11795   | 11326   | 3.60   | cps   |
| Cobalt     | 59-2  | 17835   | 17434   | 18159   | 17809   | 2.04   | cps   |
| Copper     | 63-2  | 49772   | 49518   | 51478   | 50256   | 2.12   | cps   |
| Dysprosium | 156-1 | 52691   | 53184   | 52925   | 52933   | 0.47   | cps   |
| Dysprosium | 156-2 | 10207   | 10274   | 10301   | 10261   | 0.47   | cps   |
| Erbium     | 164-1 | 38099   | 38592   | 36945   | 37878   | 2.23   | cps   |
| Erbium     | 164-2 | 6615    | 6448    | 6305    | 6456    | 2.40   | cps   |
| Gadolinium | 160-1 | 48291   | 50416   | 49763   | 49490   | 2.20   | cps   |
| Gadolinium | 160-2 | 12279   | 12029   | 12496   | 12268   | 1.91   | cps   |
| Holmium    | 165-1 | 6763977 | 6783012 | 6802531 | 6783173 | 0.28   | cps   |
| Holmium    | 165-2 | 1232954 | 1084522 | 1249612 | 1189029 | 7.64   | cps   |
| Indium     | 115-1 | 5067472 | 5116485 | 5130656 | 5104871 | 0.65   | cps   |
| Indium     | 115-2 | 181081  | 160423  | 181722  | 174408  | 6.95   | cps   |
| Iron       | 56-2  | 6533186 | 6593828 | 6785742 | 6637585 | 1.99   | cps   |
| Iron       | 57-2  | 160238  | 162457  | 166790  | 163162  | 2.04   | cps   |
| Lead       | 206-1 | 136700  | 136963  | 136987  | 136883  | 0.12   | cps   |
| Lead       | 207-1 | 113498  | 113446  | 113453  | 113465  | 0.02   | cps   |
| Lead       | 208-1 | 530991  | 532313  | 530745  | 531350  | 0.16   | cps   |
| Lithium    | 6-1   | 758467  | 766411  | 761657  | 762178  | 0.52   | cps   |
| Magnesium  | 24-2  | 185267  | 185908  | 189993  | 187056  | 1.37   | cps   |
| Manganese  | 55-2  | 50852   | 51053   | 52170   | 51359   | 1.38   | cps   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB92809             | Operator :        | Jaswal    |
| Lab Sample ID :         | J1226-15            | Instrumnet Name : | P8        |
| Client Sample ID :      | MF6B06              | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2018-01-22 18:38:15 | DataFile Name :   | 090SMPL.d |

| Parameter  | Mass  | CPS1    | CPS2    | CPS3    | CPSMean | CPSRSD | Units |
|------------|-------|---------|---------|---------|---------|--------|-------|
| Molybdenum | 94-1  | 12624   | 12715   | 13024   | 12787   | 1.64   | cps   |
| Molybdenum | 95-1  | 767     | 1000    | 867     | 878     | 13.34  | cps   |
| Molybdenum | 96-1  | 3226    | 3351    | 3709    | 3428    | 7.32   | cps   |
| Molybdenum | 97-1  | 642     | 558     | 675     | 625     | 9.62   | cps   |
| Molybdenum | 98-1  | 1875    | 1267    | 1308    | 1483    | 22.91  | cps   |
| Neodymium  | 150-1 | 88778   | 87108   | 87390   | 87759   | 1.02   | cps   |
| Neodymium  | 150-2 | 10511   | 10261   | 10681   | 10484   | 2.02   | cps   |
| Nickel     | 60-2  | 14454   | 14685   | 15229   | 14789   | 2.69   | cps   |
| Phosphorus | 31-2  | 50      | 117     | 133     | 100     | 44.10  | cps   |
| Potassium  | 39-2  | 25566   | 26935   | 26259   | 26253   | 2.61   | cps   |
| Rhodium    | 103-1 | 4632033 | 4596900 | 4613779 | 4614237 | 0.38   | cps   |
| Rhodium    | 103-2 | 1088541 | 956303  | 1099957 | 1048267 | 7.62   | cps   |
| Scandium   | 45-1  | 2498966 | 2500781 | 2534115 | 2511288 | 0.79   | cps   |
| Scandium   | 45-2  | 16850   | 14638   | 15909   | 15799   | 7.03   | cps   |
| Selenium   | 77-2  | 43      | 43      | 60      | 49      | 19.69  | cps   |
| Selenium   | 78-2  | 20      | 19      | 31      | 23      | 29.88  | cps   |
| Selenium   | 82-1  | 136     | 52      | 48      | 79      | 63.28  | cps   |
| Silicon    | 28-1  | 4661838 | 4798837 | 4409583 | 4623419 | 4.27   | cps   |
| Silver     | 109-1 | 1117    | 1050    | 1175    | 1114    | 5.61   | cps   |
| Silver     | 107-1 | 1308    | 1275    | 1400    | 1328    | 4.88   | cps   |
| Sodium     | 23-2  | 19873   | 20290   | 20924   | 20363   | 2.60   | cps   |
| Strontium  | 86-1  | 119461  | 119561  | 119806  | 119609  | 0.15   | cps   |
| Strontium  | 88-1  | 1051466 | 1043995 | 1052304 | 1049255 | 0.44   | cps   |
| Sulfur     | 34-1  | 252447  | 251746  | 251373  | 251855  | 0.22   | cps   |
| Terbium    | 159-1 | 6863261 | 6955994 | 6954612 | 6924622 | 0.77   | cps   |
| Terbium    | 159-2 | 1185331 | 1039515 | 1187564 | 1137470 | 7.46   | cps   |
| Thallium   | 203-1 | 2634    | 2667    | 2775    | 2692    | 2.75   | cps   |
| Thallium   | 205-1 | 7002    | 7428    | 6877    | 7102    | 4.06   | cps   |
| Tin        | 118-1 | 7686    | 7586    | 7603    | 7625    | 0.70   | cps   |
| Titanium   | 47-1  | 45511   | 45610   | 46072   | 45731   | 0.66   | cps   |
| Uranium    | 238-1 | 29553   | 29553   | 29127   | 29411   | 0.84   | cps   |
| Vanadium   | 51-2  | 18329   | 17935   | 18926   | 18397   | 2.71   | cps   |
| Yttrium    | 89-1  | 5437715 | 5513826 | 5535561 | 5495701 | 0.93   | cps   |
| Yttrium    | 89-2  | 138231  | 123372  | 139823  | 133809  | 6.78   | cps   |
| Zinc       | 66-2  | 8720    | 8886    | 9410    | 9005    | 4.00   | cps   |
| Zirconium  | 90-1  | 32999   | 36296   | 33319   | 34205   | 5.32   | cps   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB92809             | Operator :        | Jaswal    |
| Lab Sample ID :         | J1226-15            | Instrumnet Name : | P8        |
| Client Sample ID :      | MF6B06              | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2018-01-22 18:38:15 | DataFile Name :   | 090SMPL.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|-----------|------|------|------|------|---------|--------|-------|
| Zirconium | 91-1 | 7719 | 7794 | 7302 | 7605    | 3.49   | cps   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB92809             | Operator :        | Jaswal    |
| Lab Sample ID :         | J1226-16            | Instrumnet Name : | P8        |
| Client Sample ID :      | MF6B07              | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2018-01-22 18:41:26 | DataFile Name :   | 091SMPL.d |

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|------------|-------|----------|----------|----------|----------|--------|-------|
| Aluminium  | 27-2  | 49087    | 48743    | 48877    | 48902    | 0.35   | cps   |
| Antimony   | 121-1 | 2892     | 2842     | 2767     | 2834     | 2.22   | cps   |
| Arsenic    | 75-2  | 1722     | 1769     | 1737     | 1743     | 1.36   | cps   |
| Barium     | 135-1 | 687819   | 680935   | 691188   | 686647   | 0.76   | cps   |
| Barium     | 137-1 | 1200429  | 1207756  | 1201700  | 1203295  | 0.33   | cps   |
| Beryllium  | 9-1   | 1411     | 1522     | 1472     | 1469     | 3.79   | cps   |
| Bismuth    | 209-1 | 4851621  | 4815234  | 4644078  | 4770311  | 2.32   | cps   |
| Bismuth    | 209-2 | 1025571  | 1025497  | 1029670  | 1026913  | 0.23   | cps   |
| Boron      | 10-1  | 633      | 500      | 575      | 569      | 11.74  | cps   |
| Boron      | 11-1  | 2809     | 2725     | 2892     | 2809     | 2.97   | cps   |
| Cadmium    | 111-1 | 1316     | 1307     | 1460     | 1361     | 6.28   | cps   |
| Cadmium    | 106-1 | 1217     | 1150     | 1258     | 1208     | 4.52   | cps   |
| Cadmium    | 108-1 | 104      | 104      | 96       | 101      | 4.74   | cps   |
| Calcium    | 43-1  | 642506   | 638787   | 641973   | 641088   | 0.31   | cps   |
| Calcium    | 44-1  | 10489935 | 10504748 | 10461162 | 10485282 | 0.21   | cps   |
| Chromium   | 52-2  | 11698    | 11758    | 11992    | 11816    | 1.31   | cps   |
| Cobalt     | 59-2  | 20382    | 20181    | 20515    | 20359    | 0.83   | cps   |
| Copper     | 63-2  | 38657    | 38657    | 38657    | 38657    | 0.00   | cps   |
| Dysprosium | 156-1 | 59009    | 59662    | 59569    | 59414    | 0.59   | cps   |
| Dysprosium | 156-2 | 11392    | 11645    | 11685    | 11574    | 1.38   | cps   |
| Erbium     | 164-1 | 46743    | 46928    | 46693    | 46788    | 0.26   | cps   |
| Erbium     | 164-2 | 8083     | 7926     | 8199     | 8069     | 1.70   | cps   |
| Gadolinium | 160-1 | 56130    | 57277    | 58448    | 57285    | 2.02   | cps   |
| Gadolinium | 160-2 | 14141    | 14038    | 14478    | 14219    | 1.62   | cps   |
| Holmium    | 165-1 | 6944239  | 6814030  | 6652781  | 6803683  | 2.15   | cps   |
| Holmium    | 165-2 | 1259370  | 1252270  | 1262673  | 1258104  | 0.42   | cps   |
| Indium     | 115-1 | 5248829  | 5162951  | 4989739  | 5133840  | 2.57   | cps   |
| Indium     | 115-2 | 182074   | 182634   | 182051   | 182253   | 0.18   | cps   |
| Iron       | 56-2  | 8852877  | 8805138  | 8829282  | 8829099  | 0.27   | cps   |
| Iron       | 57-2  | 218035   | 218113   | 213409   | 216519   | 1.24   | cps   |
| Lead       | 206-1 | 180779   | 180081   | 181045   | 180635   | 0.28   | cps   |
| Lead       | 207-1 | 147845   | 145705   | 147592   | 147047   | 0.80   | cps   |
| Lead       | 208-1 | 699070   | 690695   | 695244   | 695003   | 0.60   | cps   |
| Lithium    | 6-1   | 764707   | 764819   | 742000   | 757175   | 1.74   | cps   |
| Magnesium  | 24-2  | 285589   | 286262   | 286218   | 286023   | 0.13   | cps   |
| Manganese  | 55-2  | 84165    | 83923    | 83581    | 83890    | 0.35   | cps   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB92809             | Operator :        | Jaswal    |
| Lab Sample ID :         | J1226-16            | Instrumnet Name : | P8        |
| Client Sample ID :      | MF6B07              | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2018-01-22 18:41:26 | DataFile Name :   | 091SMPL.d |

| Parameter  | Mass  | CPS1    | CPS2    | CPS3    | CPSMean | CPSRSD | Units |
|------------|-------|---------|---------|---------|---------|--------|-------|
| Molybdenum | 94-1  | 22344   | 22981   | 23171   | 22832   | 1.90   | cps   |
| Molybdenum | 95-1  | 1342    | 1300    | 1242    | 1295    | 3.88   | cps   |
| Molybdenum | 96-1  | 6002    | 5660    | 5251    | 5638    | 6.67   | cps   |
| Molybdenum | 97-1  | 917     | 842     | 942     | 900     | 5.78   | cps   |
| Molybdenum | 98-1  | 2217    | 2359    | 2292    | 2289    | 3.10   | cps   |
| Neodymium  | 150-1 | 92236   | 94982   | 94619   | 93946   | 1.59   | cps   |
| Neodymium  | 150-2 | 10958   | 10888   | 10831   | 10892   | 0.58   | cps   |
| Nickel     | 60-2  | 15148   | 15022   | 15325   | 15165   | 1.01   | cps   |
| Phosphorus | 31-2  | 208     | 183     | 258     | 217     | 17.63  | cps   |
| Potassium  | 39-2  | 25123   | 24857   | 25157   | 25046   | 0.66   | cps   |
| Rhodium    | 103-1 | 4730521 | 4691500 | 4490220 | 4637414 | 2.78   | cps   |
| Rhodium    | 103-2 | 1094693 | 1091307 | 1091297 | 1092432 | 0.18   | cps   |
| Scandium   | 45-1  | 2569299 | 2529051 | 2454908 | 2517752 | 2.30   | cps   |
| Scandium   | 45-2  | 16770   | 16103   | 15726   | 16199   | 3.27   | cps   |
| Selenium   | 77-2  | 40      | 43      | 57      | 47      | 18.90  | cps   |
| Selenium   | 78-2  | 37      | 20      | 28      | 28      | 29.41  | cps   |
| Selenium   | 82-1  | 9       | 30      | 71      | 36      | 86.70  | cps   |
| Silicon    | 28-1  | 5780306 | 6021672 | 6015005 | 5938994 | 2.31   | cps   |
| Silver     | 109-1 | 1183    | 1017    | 1133    | 1111    | 7.70   | cps   |
| Silver     | 107-1 | 1300    | 992     | 1033    | 1108    | 15.09  | cps   |
| Sodium     | 23-2  | 21834   | 20090   | 20290   | 20738   | 4.60   | cps   |
| Strontium  | 86-1  | 186346  | 187671  | 190332  | 188116  | 1.08   | cps   |
| Strontium  | 88-1  | 1704404 | 1718601 | 1685752 | 1702919 | 0.97   | cps   |
| Sulfur     | 34-1  | 260406  | 259958  | 258116  | 259493  | 0.47   | cps   |
| Terbium    | 159-1 | 7152923 | 7034692 | 6792167 | 6993261 | 2.63   | cps   |
| Terbium    | 159-2 | 1192157 | 1194355 | 1200713 | 1195742 | 0.37   | cps   |
| Thallium   | 203-1 | 3092    | 2700    | 3059    | 2950    | 7.36   | cps   |
| Thallium   | 205-1 | 6444    | 6969    | 7027    | 6813    | 4.72   | cps   |
| Tin        | 118-1 | 7261    | 6677    | 7144    | 7027    | 4.40   | cps   |
| Titanium   | 47-1  | 77818   | 59254   | 75074   | 70715   | 14.17  | cps   |
| Uranium    | 238-1 | 31190   | 31332   | 31332   | 31285   | 0.26   | cps   |
| Vanadium   | 51-2  | 12613   | 13300   | 12909   | 12941   | 2.66   | cps   |
| Yttrium    | 89-1  | 5796903 | 5778327 | 5507894 | 5694375 | 2.84   | cps   |
| Yttrium    | 89-2  | 143582  | 143824  | 141830  | 143079  | 0.76   | cps   |
| Zinc       | 66-2  | 8703    | 8693    | 8720    | 8705    | 0.15   | cps   |
| Zirconium  | 90-1  | 61270   | 58868   | 73520   | 64552   | 12.17  | cps   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB92809             | Operator :        | Jaswal    |
| Lab Sample ID :         | J1226-16            | Instrumnet Name : | P8        |
| Client Sample ID :      | MF6B07              | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2018-01-22 18:41:26 | DataFile Name :   | 091SMPL.d |

| Parameter | Mass | CPS1  | CPS2  | CPS3  | CPSMean | CPSRSD | Units |
|-----------|------|-------|-------|-------|---------|--------|-------|
| Zirconium | 91-1 | 13357 | 13424 | 13985 | 13589   | 2.54   | cps   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB92809             | Operator :        | Jaswal    |
| Lab Sample ID :         | J1226-17            | Instrumnet Name : | P8        |
| Client Sample ID :      | MF6B08              | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2018-01-22 18:44:36 | DataFile Name :   | 092SMPL.d |

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|------------|-------|----------|----------|----------|----------|--------|-------|
| Aluminium  | 27-2  | 44120    | 45892    | 44262    | 44758    | 2.20   | cps   |
| Antimony   | 121-1 | 2642     | 3209     | 3234     | 3028     | 11.05  | cps   |
| Arsenic    | 75-2  | 2915     | 2813     | 2823     | 2850     | 1.98   | cps   |
| Barium     | 135-1 | 734771   | 736595   | 730354   | 733907   | 0.44   | cps   |
| Barium     | 137-1 | 1289031  | 1271532  | 1272190  | 1277584  | 0.78   | cps   |
| Beryllium  | 9-1   | 1172     | 1111     | 1195     | 1159     | 3.72   | cps   |
| Bismuth    | 209-1 | 4897779  | 4883210  | 4890158  | 4890383  | 0.15   | cps   |
| Bismuth    | 209-2 | 1028409  | 933135   | 1027662  | 996402   | 5.50   | cps   |
| Boron      | 10-1  | 392      | 392      | 400      | 394      | 1.22   | cps   |
| Boron      | 11-1  | 1900     | 1859     | 1875     | 1878     | 1.12   | cps   |
| Cadmium    | 111-1 | 1236     | 1388     | 1348     | 1324     | 5.95   | cps   |
| Cadmium    | 106-1 | 1175     | 1233     | 1317     | 1242     | 5.73   | cps   |
| Cadmium    | 108-1 | 142      | 96       | 100      | 113      | 22.53  | cps   |
| Calcium    | 43-1  | 669850   | 666124   | 672030   | 669335   | 0.45   | cps   |
| Calcium    | 44-1  | 11019927 | 11046267 | 11075627 | 11047274 | 0.25   | cps   |
| Chromium   | 52-2  | 12095    | 12599    | 11792    | 12162    | 3.35   | cps   |
| Cobalt     | 59-2  | 19103    | 19047    | 18833    | 18994    | 0.75   | cps   |
| Copper     | 63-2  | 44230    | 43882    | 44110    | 44074    | 0.40   | cps   |
| Dysprosium | 156-1 | 56071    | 53243    | 55351    | 54889    | 2.68   | cps   |
| Dysprosium | 156-2 | 10314    | 10338    | 10214    | 10289    | 0.64   | cps   |
| Erbium     | 164-1 | 43976    | 43699    | 44620    | 44098    | 1.07   | cps   |
| Erbium     | 164-2 | 7782     | 7579     | 7426     | 7596     | 2.36   | cps   |
| Gadolinium | 160-1 | 51837    | 51277    | 50858    | 51324    | 0.96   | cps   |
| Gadolinium | 160-2 | 12880    | 13013    | 12603    | 12832    | 1.63   | cps   |
| Holmium    | 165-1 | 6929176  | 6992510  | 6977307  | 6966331  | 0.47   | cps   |
| Holmium    | 165-2 | 1259002  | 1130165  | 1249193  | 1212787  | 5.91   | cps   |
| Indium     | 115-1 | 5262080  | 5250371  | 5273450  | 5261967  | 0.22   | cps   |
| Indium     | 115-2 | 182046   | 162458   | 180710   | 175072   | 6.25   | cps   |
| Iron       | 56-2  | 9265502  | 9303279  | 9233955  | 9267578  | 0.37   | cps   |
| Iron       | 57-2  | 228916   | 227799   | 229016   | 228577   | 0.30   | cps   |
| Lead       | 206-1 | 180893   | 182696   | 183689   | 182426   | 0.78   | cps   |
| Lead       | 207-1 | 145816   | 147430   | 147688   | 146978   | 0.69   | cps   |
| Lead       | 208-1 | 697742   | 697726   | 698680   | 698050   | 0.08   | cps   |
| Lithium    | 6-1   | 773113   | 768674   | 770119   | 770635   | 0.29   | cps   |
| Magnesium  | 24-2  | 266692   | 268299   | 266055   | 267015   | 0.43   | cps   |
| Manganese  | 55-2  | 71683    | 72148    | 71455    | 71762    | 0.49   | cps   |



|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB92809             | Operator :        | Jaswal    |
| Lab Sample ID :         | J1226-17            | Instrumnet Name : | P8        |
| Client Sample ID :      | MF6B08              | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2018-01-22 18:44:36 | DataFile Name :   | 092SMPL.d |

| Parameter  | Mass  | CPS1    | CPS2    | CPS3    | CPSMean | CPSRSD | Units |
|------------|-------|---------|---------|---------|---------|--------|-------|
| Molybdenum | 94-1  | 25442   | 25710   | 27169   | 26107   | 3.56   | cps   |
| Molybdenum | 95-1  | 2975    | 2625    | 2825    | 2809    | 6.25   | cps   |
| Molybdenum | 96-1  | 7369    | 7503    | 7403    | 7425    | 0.94   | cps   |
| Molybdenum | 97-1  | 1942    | 1950    | 1734    | 1875    | 6.55   | cps   |
| Molybdenum | 98-1  | 5010    | 4309    | 4326    | 4548    | 8.79   | cps   |
| Neodymium  | 150-1 | 84317   | 83538   | 84927   | 84261   | 0.83   | cps   |
| Neodymium  | 150-2 | 9887    | 9727    | 9484    | 9699    | 2.10   | cps   |
| Nickel     | 60-2  | 13674   | 13804   | 13417   | 13631   | 1.44   | cps   |
| Phosphorus | 31-2  | 267     | 283     | 292     | 281     | 4.54   | cps   |
| Potassium  | 39-2  | 23899   | 23220   | 24272   | 23797   | 2.24   | cps   |
| Rhodium    | 103-1 | 4674653 | 4671871 | 4706393 | 4684305 | 0.41   | cps   |
| Rhodium    | 103-2 | 1092665 | 976724  | 1086155 | 1051848 | 6.19   | cps   |
| Scandium   | 45-1  | 2571030 | 2565778 | 2549379 | 2562062 | 0.44   | cps   |
| Scandium   | 45-2  | 16016   | 13900   | 16046   | 15321   | 8.03   | cps   |
| Selenium   | 77-2  | 20      | 30      | 30      | 27      | 21.65  | cps   |
| Selenium   | 78-2  | 24      | 11      | 9       | 15      | 54.48  | cps   |
| Selenium   | 82-1  | 127     | 67      | 49      | 81      | 50.62  | cps   |
| Silicon    | 28-1  | 6786052 | 5967313 | 6654873 | 6469413 | 6.80   | cps   |
| Silver     | 109-1 | 1617    | 1583    | 1367    | 1522    | 8.92   | cps   |
| Silver     | 107-1 | 1475    | 1492    | 1575    | 1514    | 3.54   | cps   |
| Sodium     | 23-2  | 27003   | 20908   | 21242   | 23051   | 14.87  | cps   |
| Strontium  | 86-1  | 213443  | 220996  | 211512  | 215317  | 2.33   | cps   |
| Strontium  | 88-1  | 1930546 | 1926020 | 1901990 | 1919519 | 0.80   | cps   |
| Sulfur     | 34-1  | 262909  | 257395  | 257590  | 259298  | 1.21   | cps   |
| Terbium    | 159-1 | 7154678 | 7139228 | 7208770 | 7167559 | 0.51   | cps   |
| Terbium    | 159-2 | 1198248 | 1079607 | 1194525 | 1157460 | 5.83   | cps   |
| Thallium   | 203-1 | 3809    | 3609    | 3776    | 3731    | 2.87   | cps   |
| Thallium   | 205-1 | 8328    | 8370    | 8695    | 8464    | 2.37   | cps   |
| Tin        | 118-1 | 7386    | 6910    | 7327    | 7208    | 3.60   | cps   |
| Titanium   | 47-1  | 66506   | 66894   | 117154  | 83518   | 34.88  | cps   |
| Uranium    | 238-1 | 38737   | 38553   | 38989   | 38759   | 0.56   | cps   |
| Vanadium   | 51-2  | 12559   | 12809   | 12639   | 12669   | 1.01   | cps   |
| Yttrium    | 89-1  | 5755655 | 5761370 | 5732084 | 5749703 | 0.27   | cps   |
| Yttrium    | 89-2  | 142231  | 128136  | 141483  | 137283  | 5.78   | cps   |
| Zinc       | 66-2  | 10387   | 10491   | 10437   | 10439   | 0.50   | cps   |
| Zirconium  | 90-1  | 64593   | 63904   | 64957   | 64484   | 0.83   | cps   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB92809             | Operator :        | Jaswal    |
| Lab Sample ID :         | J1226-17            | Instrumnet Name : | P8        |
| Client Sample ID :      | MF6B08              | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2018-01-22 18:44:36 | DataFile Name :   | 092SMPL.d |

| Parameter | Mass | CPS1  | CPS2  | CPS3  | CPSMean | CPSRSD | Units |
|-----------|------|-------|-------|-------|---------|--------|-------|
| Zirconium | 91-1 | 14300 | 13949 | 14458 | 14236   | 1.83   | cps   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB92809             | Operator :        | Jaswal    |
| Lab Sample ID :         | J1226-18            | Instrumnet Name : | P8        |
| Client Sample ID :      | MF6B09              | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2018-01-22 18:47:46 | DataFile Name :   | 093SMPL.d |

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|------------|-------|----------|----------|----------|----------|--------|-------|
| Aluminium  | 27-2  | 36531    | 35755    | 36582    | 36289    | 1.28   | cps   |
| Antimony   | 121-1 | 2342     | 2200     | 2359     | 2300     | 3.78   | cps   |
| Arsenic    | 75-2  | 1193     | 1133     | 998      | 1108     | 8.99   | cps   |
| Barium     | 135-1 | 590786   | 584600   | 589539   | 588308   | 0.56   | cps   |
| Barium     | 137-1 | 1025999  | 1025529  | 1023086  | 1024872  | 0.15   | cps   |
| Beryllium  | 9-1   | 978      | 956      | 872      | 935      | 5.95   | cps   |
| Bismuth    | 209-1 | 4844011  | 4864552  | 4918494  | 4875686  | 0.79   | cps   |
| Bismuth    | 209-2 | 1040054  | 1030604  | 1026980  | 1032546  | 0.65   | cps   |
| Boron      | 10-1  | 458      | 492      | 467      | 472      | 3.67   | cps   |
| Boron      | 11-1  | 2117     | 2134     | 2259     | 2170     | 3.57   | cps   |
| Cadmium    | 111-1 | 1365     | 1178     | 1337     | 1293     | 7.78   | cps   |
| Cadmium    | 106-1 | 1250     | 1108     | 1100     | 1153     | 7.31   | cps   |
| Cadmium    | 108-1 | 92       | 133      | 83       | 103      | 26.06  | cps   |
| Calcium    | 43-1  | 720415   | 720321   | 723526   | 721421   | 0.25   | cps   |
| Calcium    | 44-1  | 11898890 | 11878412 | 11927689 | 11901664 | 0.21   | cps   |
| Chromium   | 52-2  | 10961    | 10814    | 10461    | 10745    | 2.39   | cps   |
| Cobalt     | 59-2  | 13910    | 14087    | 14174    | 14057    | 0.96   | cps   |
| Copper     | 63-2  | 27574    | 27925    | 27815    | 27771    | 0.65   | cps   |
| Dysprosium | 156-1 | 46023    | 45815    | 45396    | 45745    | 0.70   | cps   |
| Dysprosium | 156-2 | 8910     | 8923     | 8573     | 8802     | 2.25   | cps   |
| Erbium     | 164-1 | 37497    | 36895    | 37564    | 37318    | 0.99   | cps   |
| Erbium     | 164-2 | 6645     | 6555     | 6552     | 6584     | 0.80   | cps   |
| Gadolinium | 160-1 | 44979    | 43348    | 45723    | 44683    | 2.72   | cps   |
| Gadolinium | 160-2 | 10958    | 10718    | 10725    | 10800    | 1.27   | cps   |
| Holmium    | 165-1 | 7021745  | 7027811  | 7014283  | 7021280  | 0.10   | cps   |
| Holmium    | 165-2 | 1259425  | 1260581  | 1264343  | 1261450  | 0.20   | cps   |
| Indium     | 115-1 | 5259261  | 5234621  | 5222144  | 5238676  | 0.36   | cps   |
| Indium     | 115-2 | 183325   | 182304   | 183743   | 183124   | 0.40   | cps   |
| Iron       | 56-2  | 6715265  | 6626721  | 6617490  | 6653158  | 0.81   | cps   |
| Iron       | 57-2  | 164555   | 164982   | 162934   | 164157   | 0.66   | cps   |
| Lead       | 206-1 | 126502   | 124857   | 123512   | 124957   | 1.20   | cps   |
| Lead       | 207-1 | 101105   | 100142   | 99599    | 100282   | 0.76   | cps   |
| Lead       | 208-1 | 477777   | 476171   | 473906   | 475951   | 0.41   | cps   |
| Lithium    | 6-1   | 766786   | 770676   | 764164   | 767209   | 0.43   | cps   |
| Magnesium  | 24-2  | 235595   | 239636   | 233161   | 236131   | 1.38   | cps   |
| Manganese  | 55-2  | 70162    | 69039    | 69231    | 69477    | 0.86   | cps   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB92809             | Operator :        | Jaswal    |
| Lab Sample ID :         | J1226-18            | Instrumnet Name : | P8        |
| Client Sample ID :      | MF6B09              | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2018-01-22 18:47:46 | DataFile Name :   | 093SMPL.d |

| Parameter  | Mass  | CPS1    | CPS2    | CPS3    | CPSMean | CPSRSD | Units |
|------------|-------|---------|---------|---------|---------|--------|-------|
| Molybdenum | 94-1  | 24649   | 24431   | 24665   | 24582   | 0.53   | cps   |
| Molybdenum | 95-1  | 2634    | 3025    | 2734    | 2798    | 7.28   | cps   |
| Molybdenum | 96-1  | 6860    | 6852    | 6760    | 6824    | 0.81   | cps   |
| Molybdenum | 97-1  | 1583    | 1559    | 1792    | 1645    | 7.79   | cps   |
| Molybdenum | 98-1  | 4201    | 4426    | 4101    | 4243    | 3.92   | cps   |
| Neodymium  | 150-1 | 71535   | 70456   | 70643   | 70878   | 0.81   | cps   |
| Neodymium  | 150-2 | 8393    | 8346    | 8349    | 8363    | 0.31   | cps   |
| Nickel     | 60-2  | 10991   | 10704   | 10694   | 10797   | 1.56   | cps   |
| Phosphorus | 31-2  | 325     | 250     | 225     | 267     | 19.52  | cps   |
| Potassium  | 39-2  | 21452   | 20190   | 20491   | 20711   | 3.18   | cps   |
| Rhodium    | 103-1 | 4729932 | 4698140 | 4734089 | 4720720 | 0.42   | cps   |
| Rhodium    | 103-2 | 1095345 | 1087916 | 1087744 | 1090335 | 0.40   | cps   |
| Scandium   | 45-1  | 2528312 | 2562707 | 2539265 | 2543428 | 0.69   | cps   |
| Scandium   | 45-2  | 15986   | 16383   | 16143   | 16171   | 1.24   | cps   |
| Selenium   | 77-2  | 30      | 43      | 30      | 34      | 22.34  | cps   |
| Selenium   | 78-2  | 13      | 9       | 19      | 14      | 34.32  | cps   |
| Selenium   | 82-1  | 22      | 23      | 95      | 47      | 88.44  | cps   |
| Silicon    | 28-1  | 6463457 | 6528063 | 5752435 | 6247985 | 6.89   | cps   |
| Silver     | 109-1 | 675     | 767     | 675     | 706     | 7.50   | cps   |
| Silver     | 107-1 | 817     | 917     | 800     | 845     | 7.47   | cps   |
| Sodium     | 23-2  | 18237   | 17637   | 17420   | 17765   | 2.38   | cps   |
| Strontium  | 86-1  | 181389  | 181077  | 179373  | 180613  | 0.60   | cps   |
| Strontium  | 88-1  | 1647422 | 1639870 | 1622159 | 1636484 | 0.79   | cps   |
| Sulfur     | 34-1  | 260852  | 262986  | 260782  | 261540  | 0.48   | cps   |
| Terbium    | 159-1 | 7176338 | 7110688 | 7137101 | 7141376 | 0.46   | cps   |
| Terbium    | 159-2 | 1197864 | 1192867 | 1200221 | 1196984 | 0.31   | cps   |
| Thallium   | 203-1 | 2475    | 2642    | 2584    | 2567    | 3.30   | cps   |
| Thallium   | 205-1 | 6510    | 6185    | 6285    | 6327    | 2.63   | cps   |
| Tin        | 118-1 | 6302    | 6443    | 6068    | 6271    | 3.02   | cps   |
| Titanium   | 47-1  | 76817   | 74372   | 98016   | 83068   | 15.65  | cps   |
| Uranium    | 238-1 | 33605   | 31917   | 33162   | 32895   | 2.66   | cps   |
| Vanadium   | 51-2  | 10978   | 10954   | 10664   | 10865   | 1.61   | cps   |
| Yttrium    | 89-1  | 5682504 | 5686887 | 5613420 | 5660937 | 0.73   | cps   |
| Yttrium    | 89-2  | 140510  | 139008  | 139264  | 139594  | 0.58   | cps   |
| Zinc       | 66-2  | 6865    | 6835    | 6952    | 6884    | 0.88   | cps   |
| Zirconium  | 90-1  | 64385   | 68844   | 62337   | 65189   | 5.10   | cps   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB92809             | Operator :        | Jaswal    |
| Lab Sample ID :         | J1226-18            | Instrumnet Name : | P8        |
| Client Sample ID :      | MF6B09              | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2018-01-22 18:47:46 | DataFile Name :   | 093SMPL.d |

| Parameter | Mass | CPS1  | CPS2  | CPS3  | CPSMean | CPSRSD | Units |
|-----------|------|-------|-------|-------|---------|--------|-------|
| Zirconium | 91-1 | 14041 | 13900 | 18996 | 15646   | 18.55  | cps   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB92809             | Operator :        | Jaswal    |
| Lab Sample ID :         | J1226-19            | Instrumnet Name : | P8        |
| Client Sample ID :      | MF6B10              | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2018-01-22 18:50:56 | DataFile Name :   | 094SMPL.d |

| Parameter  | Mass  | CPS1    | CPS2    | CPS3    | CPSMean | CPSRSD | Units |
|------------|-------|---------|---------|---------|---------|--------|-------|
| Aluminium  | 27-2  | 25348   | 24956   | 25532   | 25279   | 1.16   | cps   |
| Antimony   | 121-1 | 1667    | 1800    | 1992    | 1820    | 8.98   | cps   |
| Arsenic    | 75-2  | 535     | 507     | 517     | 520     | 2.72   | cps   |
| Barium     | 135-1 | 412453  | 411158  | 412746  | 412119  | 0.21   | cps   |
| Barium     | 137-1 | 721386  | 716760  | 720109  | 719418  | 0.33   | cps   |
| Beryllium  | 9-1   | 494     | 628     | 544     | 556     | 12.12  | cps   |
| Bismuth    | 209-1 | 4742169 | 4862403 | 4831081 | 4811884 | 1.30   | cps   |
| Bismuth    | 209-2 | 1026826 | 1029454 | 1023728 | 1026669 | 0.28   | cps   |
| Boron      | 10-1  | 525     | 425     | 375     | 442     | 17.29  | cps   |
| Boron      | 11-1  | 2275    | 2084    | 1984    | 2114    | 7.01   | cps   |
| Cadmium    | 111-1 | 1049    | 849     | 949     | 949     | 10.54  | cps   |
| Cadmium    | 106-1 | 1183    | 958     | 1050    | 1064    | 10.63  | cps   |
| Cadmium    | 108-1 | 54      | 38      | 33      | 42      | 26.47  | cps   |
| Calcium    | 43-1  | 372479  | 367374  | 371066  | 370306  | 0.71   | cps   |
| Calcium    | 44-1  | 6071987 | 6089862 | 6119647 | 6093832 | 0.40   | cps   |
| Chromium   | 52-2  | 8900    | 8823    | 8649    | 8791    | 1.46   | cps   |
| Cobalt     | 59-2  | 9724    | 9407    | 9587    | 9572    | 1.66   | cps   |
| Copper     | 63-2  | 16263   | 16023   | 16453   | 16246   | 1.33   | cps   |
| Dysprosium | 156-1 | 31998   | 31146   | 30520   | 31221   | 2.38   | cps   |
| Dysprosium | 156-2 | 5988    | 5995    | 6098    | 6027    | 1.02   | cps   |
| Erbium     | 164-1 | 24290   | 24574   | 24883   | 24582   | 1.21   | cps   |
| Erbium     | 164-2 | 4311    | 4357    | 4131    | 4266    | 2.81   | cps   |
| Gadolinium | 160-1 | 29927   | 29935   | 29543   | 29802   | 0.75   | cps   |
| Gadolinium | 160-2 | 7312    | 7316    | 7122    | 7250    | 1.53   | cps   |
| Holmium    | 165-1 | 6877202 | 6926525 | 6844714 | 6882814 | 0.60   | cps   |
| Holmium    | 165-2 | 1248573 | 1256077 | 1249748 | 1251466 | 0.32   | cps   |
| Indium     | 115-1 | 5130704 | 5233983 | 5249401 | 5204696 | 1.24   | cps   |
| Indium     | 115-2 | 181764  | 182652  | 184151  | 182856  | 0.66   | cps   |
| Iron       | 56-2  | 4822728 | 4778624 | 4679321 | 4760224 | 1.54   | cps   |
| Iron       | 57-2  | 116152  | 116494  | 115222  | 115956  | 0.57   | cps   |
| Lead       | 206-1 | 82779   | 81890   | 83960   | 82876   | 1.25   | cps   |
| Lead       | 207-1 | 68434   | 68010   | 68216   | 68220   | 0.31   | cps   |
| Lead       | 208-1 | 317399  | 316953  | 319830  | 318061  | 0.49   | cps   |
| Lithium    | 6-1   | 754731  | 767841  | 770014  | 764195  | 1.08   | cps   |
| Magnesium  | 24-2  | 175444  | 177207  | 175840  | 176164  | 0.53   | cps   |
| Manganese  | 55-2  | 53726   | 53987   | 53231   | 53648   | 0.72   | cps   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB92809             | Operator :        | Jaswal    |
| Lab Sample ID :         | J1226-19            | Instrumnet Name : | P8        |
| Client Sample ID :      | MF6B10              | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2018-01-22 18:50:56 | DataFile Name :   | 094SMPL.d |

| Parameter  | Mass  | CPS1    | CPS2    | CPS3    | CPSMean | CPSRSD | Units |
|------------|-------|---------|---------|---------|---------|--------|-------|
| Molybdenum | 94-1  | 19783   | 19768   | 20108   | 19886   | 0.97   | cps   |
| Molybdenum | 95-1  | 2184    | 2684    | 2600    | 2489    | 10.76  | cps   |
| Molybdenum | 96-1  | 6035    | 6252    | 5301    | 5863    | 8.50   | cps   |
| Molybdenum | 97-1  | 1508    | 1742    | 1500    | 1583    | 8.66   | cps   |
| Molybdenum | 98-1  | 3717    | 3992    | 3851    | 3854    | 3.57   | cps   |
| Neodymium  | 150-1 | 49420   | 47299   | 48704   | 48475   | 2.23   | cps   |
| Neodymium  | 150-2 | 6128    | 5671    | 5585    | 5795    | 5.04   | cps   |
| Nickel     | 60-2  | 7419    | 7556    | 7495    | 7490    | 0.92   | cps   |
| Phosphorus | 31-2  | 150     | 158     | 150     | 153     | 3.15   | cps   |
| Potassium  | 39-2  | 12414   | 12823   | 12740   | 12659   | 1.71   | cps   |
| Rhodium    | 103-1 | 4650969 | 4724688 | 4643533 | 4673064 | 0.96   | cps   |
| Rhodium    | 103-2 | 1093627 | 1093063 | 1091589 | 1092760 | 0.10   | cps   |
| Scandium   | 45-1  | 2497642 | 2557311 | 2545552 | 2533502 | 1.25   | cps   |
| Scandium   | 45-2  | 15946   | 16176   | 16063   | 16062   | 0.72   | cps   |
| Selenium   | 77-2  | 27      | 33      | 20      | 27      | 24.99  | cps   |
| Selenium   | 78-2  | 9       | 13      | 11      | 11      | 16.65  | cps   |
| Selenium   | 82-1  | 28      | 37      | 39      | 35      | 16.16  | cps   |
| Silicon    | 28-1  | 7256609 | 8169275 | 6433487 | 7286457 | 11.92  | cps   |
| Silver     | 109-1 | 342     | 383     | 442     | 389     | 12.92  | cps   |
| Silver     | 107-1 | 433     | 475     | 458     | 456     | 4.60   | cps   |
| Sodium     | 23-2  | 15167   | 14591   | 14750   | 14836   | 2.00   | cps   |
| Strontium  | 86-1  | 101300  | 101173  | 101586  | 101353  | 0.21   | cps   |
| Strontium  | 88-1  | 885981  | 879536  | 878382  | 881300  | 0.46   | cps   |
| Sulfur     | 34-1  | 255377  | 258252  | 258335  | 257321  | 0.65   | cps   |
| Terbium    | 159-1 | 6992360 | 7074460 | 7113219 | 7060013 | 0.87   | cps   |
| Terbium    | 159-2 | 1188159 | 1194870 | 1198056 | 1193695 | 0.42   | cps   |
| Thallium   | 203-1 | 1759    | 1350    | 1300    | 1470    | 17.11  | cps   |
| Thallium   | 205-1 | 3417    | 3117    | 3292    | 3276    | 4.60   | cps   |
| Tin        | 118-1 | 5535    | 5568    | 5326    | 5476    | 2.39   | cps   |
| Titanium   | 47-1  | 65591   | 61345   | 74984   | 67307   | 10.37  | cps   |
| Uranium    | 238-1 | 20234   | 19892   | 20142   | 20089   | 0.88   | cps   |
| Vanadium   | 51-2  | 7185    | 6989    | 6999    | 7057    | 1.57   | cps   |
| Yttrium    | 89-1  | 5446233 | 5485498 | 5519403 | 5483711 | 0.67   | cps   |
| Yttrium    | 89-2  | 135877  | 135689  | 134299  | 135288  | 0.64   | cps   |
| Zinc       | 66-2  | 5268    | 5011    | 5024    | 5101    | 2.83   | cps   |
| Zirconium  | 90-1  | 50031   | 51369   | 48915   | 50105   | 2.45   | cps   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB92809             | Operator :        | Jaswal    |
| Lab Sample ID :         | J1226-19            | Instrumnet Name : | P8        |
| Client Sample ID :      | MF6B10              | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2018-01-22 18:50:56 | DataFile Name :   | 094SMPL.d |

| Parameter | Mass | CPS1  | CPS2  | CPS3  | CPSMean | CPSRSD | Units |
|-----------|------|-------|-------|-------|---------|--------|-------|
| Zirconium | 91-1 | 11489 | 11407 | 15565 | 12820   | 18.54  | cps   |



|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB92809             | Operator :        | Jaswal    |
| Lab Sample ID :         | J1226-20            | Instrumnet Name : | P8        |
| Client Sample ID :      | MF6B11              | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2018-01-22 18:54:06 | DataFile Name :   | 095SMPL.d |

| Parameter  | Mass  | CPS1    | CPS2    | CPS3    | CPSMean | CPSRSD | Units |
|------------|-------|---------|---------|---------|---------|--------|-------|
| Aluminium  | 27-2  | 25090   | 23295   | 24205   | 24197   | 3.71   | cps   |
| Antimony   | 121-1 | 2167    | 2034    | 2050    | 2084    | 3.49   | cps   |
| Arsenic    | 75-2  | 393     | 348     | 378     | 373     | 6.07   | cps   |
| Barium     | 135-1 | 530265  | 527287  | 530306  | 529286  | 0.33   | cps   |
| Barium     | 137-1 | 922268  | 920309  | 920878  | 921152  | 0.11   | cps   |
| Beryllium  | 9-1   | 617     | 517     | 628     | 587     | 10.42  | cps   |
| Bismuth    | 209-1 | 4859719 | 4874346 | 4888043 | 4874036 | 0.29   | cps   |
| Bismuth    | 209-2 | 1029825 | 938411  | 978909  | 982381  | 4.66   | cps   |
| Boron      | 10-1  | 408     | 475     | 375     | 419     | 12.14  | cps   |
| Boron      | 11-1  | 1825    | 1834    | 1842    | 1834    | 0.45   | cps   |
| Cadmium    | 111-1 | 1096    | 1031    | 1088    | 1072    | 3.29   | cps   |
| Cadmium    | 106-1 | 1250    | 1058    | 1242    | 1183    | 9.16   | cps   |
| Cadmium    | 108-1 | 83      | 79      | 104     | 89      | 15.07  | cps   |
| Calcium    | 43-1  | 455609  | 454342  | 451259  | 453737  | 0.49   | cps   |
| Calcium    | 44-1  | 7537433 | 7468810 | 7434779 | 7480340 | 0.70   | cps   |
| Chromium   | 52-2  | 6892    | 6472    | 6845    | 6736    | 3.42   | cps   |
| Cobalt     | 59-2  | 9537    | 8593    | 9320    | 9150    | 5.40   | cps   |
| Copper     | 63-2  | 14868   | 13503   | 14454   | 14275   | 4.90   | cps   |
| Dysprosium | 156-1 | 33235   | 32868   | 34313   | 33472   | 2.24   | cps   |
| Dysprosium | 156-2 | 6709    | 5901    | 6145    | 6252    | 6.62   | cps   |
| Erbium     | 164-1 | 27213   | 27205   | 27805   | 27408   | 1.26   | cps   |
| Erbium     | 164-2 | 4721    | 4217    | 4651    | 4530    | 6.02   | cps   |
| Gadolinium | 160-1 | 32174   | 32325   | 32182   | 32227   | 0.26   | cps   |
| Gadolinium | 160-2 | 8049    | 7285    | 7809    | 7715    | 5.06   | cps   |
| Holmium    | 165-1 | 6984705 | 7007058 | 6916036 | 6969266 | 0.68   | cps   |
| Holmium    | 165-2 | 1253161 | 1140268 | 1193157 | 1195528 | 4.72   | cps   |
| Indium     | 115-1 | 5262995 | 5244048 | 5206848 | 5237964 | 0.55   | cps   |
| Indium     | 115-2 | 181464  | 167666  | 173859  | 174330  | 3.96   | cps   |
| Iron       | 56-2  | 4889427 | 4508358 | 4750625 | 4716136 | 4.09   | cps   |
| Iron       | 57-2  | 122091  | 110003  | 115362  | 115819  | 5.23   | cps   |
| Lead       | 206-1 | 86840   | 85481   | 85083   | 85801   | 1.07   | cps   |
| Lead       | 207-1 | 69183   | 69679   | 69753   | 69538   | 0.45   | cps   |
| Lead       | 208-1 | 331245  | 328540  | 329000  | 329595  | 0.44   | cps   |
| Lithium    | 6-1   | 768177  | 763708  | 767576  | 766487  | 0.32   | cps   |
| Magnesium  | 24-2  | 205269  | 187192  | 197507  | 196656  | 4.61   | cps   |
| Manganese  | 55-2  | 36916   | 34269   | 35799   | 35661   | 3.73   | cps   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB92809             | Operator :        | Jaswal    |
| Lab Sample ID :         | J1226-20            | Instrumnet Name : | P8        |
| Client Sample ID :      | MF6B11              | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2018-01-22 18:54:06 | DataFile Name :   | 095SMPL.d |

| Parameter  | Mass  | CPS1    | CPS2     | CPS3    | CPSMean | CPSRSD | Units |
|------------|-------|---------|----------|---------|---------|--------|-------|
| Molybdenum | 94-1  | 24857   | 26282    | 24424   | 25188   | 3.86   | cps   |
| Molybdenum | 95-1  | 1584    | 1667     | 1767    | 1672    | 5.49   | cps   |
| Molybdenum | 96-1  | 6177    | 6043     | 5993    | 6071    | 1.56   | cps   |
| Molybdenum | 97-1  | 1075    | 1033     | 1183    | 1097    | 7.06   | cps   |
| Molybdenum | 98-1  | 2325    | 2826     | 2525    | 2559    | 9.84   | cps   |
| Neodymium  | 150-1 | 53877   | 53797    | 54192   | 53956   | 0.39   | cps   |
| Neodymium  | 150-2 | 6178    | 6041     | 5765    | 5995    | 3.51   | cps   |
| Nickel     | 60-2  | 7232    | 7035     | 7022    | 7096    | 1.66   | cps   |
| Phosphorus | 31-2  | 258     | 200      | 258     | 239     | 14.10  | cps   |
| Potassium  | 39-2  | 14717   | 13974    | 13340   | 14010   | 4.92   | cps   |
| Rhodium    | 103-1 | 4745993 | 4718938  | 4692183 | 4719038 | 0.57   | cps   |
| Rhodium    | 103-2 | 1089128 | 997129   | 1042806 | 1043021 | 4.41   | cps   |
| Scandium   | 45-1  | 2548573 | 2542727  | 2535974 | 2542424 | 0.25   | cps   |
| Scandium   | 45-2  | 16016   | 14961    | 14701   | 15226   | 4.57   | cps   |
| Selenium   | 77-2  | 20      | 50       | 23      | 31      | 52.86  | cps   |
| Selenium   | 78-2  | 24      | 9        | 15      | 16      | 46.63  | cps   |
| Selenium   | 82-1  | 81      | 47       | 31      | 53      | 47.46  | cps   |
| Silicon    | 28-1  | 6476220 | 10958473 | 5917635 | 7784110 | 35.50  | cps   |
| Silver     | 109-1 | 583     | 383      | 450     | 472     | 21.57  | cps   |
| Silver     | 107-1 | 542     | 692      | 467     | 567     | 20.22  | cps   |
| Sodium     | 23-2  | 14133   | 12598    | 13123   | 13284   | 5.87   | cps   |
| Strontium  | 86-1  | 120856  | 120579   | 119099  | 120178  | 0.79   | cps   |
| Strontium  | 88-1  | 1049504 | 1039361  | 1043860 | 1044242 | 0.49   | cps   |
| Sulfur     | 34-1  | 261357  | 257863   | 260294  | 259838  | 0.69   | cps   |
| Terbium    | 159-1 | 7149999 | 7133422  | 7115505 | 7132976 | 0.24   | cps   |
| Terbium    | 159-2 | 1192200 | 1083184  | 1138185 | 1137856 | 4.79   | cps   |
| Thallium   | 203-1 | 1492    | 1650     | 1825    | 1656    | 10.07  | cps   |
| Thallium   | 205-1 | 4501    | 4151     | 4334    | 4329    | 4.05   | cps   |
| Tin        | 118-1 | 5185    | 5560     | 5576    | 5440    | 4.07   | cps   |
| Titanium   | 47-1  | 96664   | 110469   | 102164  | 103099  | 6.74   | cps   |
| Uranium    | 238-1 | 20050   | 19942    | 19658   | 19883   | 1.02   | cps   |
| Vanadium   | 51-2  | 7632    | 6725     | 7205    | 7188    | 6.31   | cps   |
| Yttrium    | 89-1  | 5570533 | 5502900  | 5547268 | 5540233 | 0.62   | cps   |
| Yttrium    | 89-2  | 138164  | 127048   | 130086  | 131766  | 4.36   | cps   |
| Zinc       | 66-2  | 4371    | 4007     | 4084    | 4154    | 4.61   | cps   |
| Zirconium  | 90-1  | 65318   | 64600    | 63166   | 64361   | 1.70   | cps   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB92809             | Operator :        | Jaswal    |
| Lab Sample ID :         | J1226-20            | Instrumnet Name : | P8        |
| Client Sample ID :      | MF6B11              | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2018-01-22 18:54:06 | DataFile Name :   | 095SMPL.d |

| Parameter | Mass | CPS1  | CPS2  | CPS3  | CPSMean | CPSRSD | Units |
|-----------|------|-------|-------|-------|---------|--------|-------|
| Zirconium | 91-1 | 15085 | 14108 | 15092 | 14762   | 3.83   | cps   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB92809             | Operator :        | Jaswal    |
| Lab Sample ID :         | J1226-11            | Instrumnet Name : | P8        |
| Client Sample ID :      | MF6D42              | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2018-01-22 18:57:17 | DataFile Name :   | 096SMPL.d |

| Parameter  | Mass  | CPS1    | CPS2    | CPS3    | CPSMean | CPSRSD | Units |
|------------|-------|---------|---------|---------|---------|--------|-------|
| Aluminium  | 27-2  | 17      | 8       | 8       | 11      | 43.34  | cps   |
| Antimony   | 121-1 | 208     | 258     | 183     | 217     | 17.63  | cps   |
| Arsenic    | 75-2  | 9       | 4       | 4       | 6       | 57.80  | cps   |
| Barium     | 135-1 | 283     | 250     | 250     | 261     | 7.37   | cps   |
| Barium     | 137-1 | 542     | 592     | 525     | 553     | 6.28   | cps   |
| Beryllium  | 9-1   | 39      | 39      | 39      | 39      | 0.00   | cps   |
| Bismuth    | 209-1 | 5373813 | 5326644 | 5284134 | 5328197 | 0.84   | cps   |
| Bismuth    | 209-2 | 1146271 | 1138793 | 1139316 | 1141460 | 0.37   | cps   |
| Boron      | 10-1  | 117     | 175     | 150     | 147     | 19.88  | cps   |
| Boron      | 11-1  | 608     | 583     | 542     | 578     | 5.83   | cps   |
| Cadmium    | 111-1 | 648     | 873     | 753     | 758     | 14.82  | cps   |
| Cadmium    | 106-1 | 917     | 1233    | 1058    | 1070    | 14.83  | cps   |
| Cadmium    | 108-1 | 8       | 4       | 0       | 4       | 99.96  | cps   |
| Calcium    | 43-1  | 592     | 583     | 483     | 553     | 10.91  | cps   |
| Calcium    | 44-1  | 11222   | 10596   | 10730   | 10849   | 3.04   | cps   |
| Chromium   | 52-2  | 187     | 167     | 130     | 161     | 17.84  | cps   |
| Cobalt     | 59-2  | 20      | 13      | 20      | 18      | 21.66  | cps   |
| Copper     | 63-2  | 137     | 173     | 113     | 141     | 21.43  | cps   |
| Dysprosium | 156-1 | 8       | 25      | 17      | 17      | 50.01  | cps   |
| Dysprosium | 156-2 | 3       | 0       | 3       | 2       | 86.60  | cps   |
| Erbium     | 164-1 | 25      | 17      | 25      | 22      | 21.64  | cps   |
| Erbium     | 164-2 | 0       | 0       | 3       | 1       | 173.21 | cps   |
| Gadolinium | 160-1 | 33      | 33      | 8       | 25      | 57.75  | cps   |
| Gadolinium | 160-2 | 3       | 3       | 7       | 4       | 43.40  | cps   |
| Holmium    | 165-1 | 7594485 | 7475032 | 7487197 | 7518905 | 0.87   | cps   |
| Holmium    | 165-2 | 1385997 | 1376412 | 1367119 | 1376509 | 0.69   | cps   |
| Indium     | 115-1 | 5826424 | 5718370 | 5762741 | 5769178 | 0.94   | cps   |
| Indium     | 115-2 | 209050  | 208686  | 208041  | 208593  | 0.24   | cps   |
| Iron       | 56-2  | 1750    | 1639    | 1561    | 1650    | 5.75   | cps   |
| Iron       | 57-2  | 28      | 50      | 61      | 46      | 36.66  | cps   |
| Lead       | 206-1 | 706     | 644     | 717     | 689     | 5.65   | cps   |
| Lead       | 207-1 | 711     | 611     | 733     | 685     | 9.50   | cps   |
| Lead       | 208-1 | 3034    | 2789    | 2889    | 2904    | 4.23   | cps   |
| Lithium    | 6-1   | 846104  | 841384  | 835515  | 841001  | 0.63   | cps   |
| Magnesium  | 24-2  | 325     | 317     | 408     | 350     | 14.48  | cps   |
| Manganese  | 55-2  | 23      | 27      | 20      | 23      | 14.29  | cps   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB92809             | Operator :        | Jaswal    |
| Lab Sample ID :         | J1226-11            | Instrumnet Name : | P8        |
| Client Sample ID :      | MF6D42              | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2018-01-22 18:57:17 | DataFile Name :   | 096SMPL.d |

| Parameter  | Mass  | CPS1    | CPS2    | CPS3    | CPSMean | CPSRSD | Units |
|------------|-------|---------|---------|---------|---------|--------|-------|
| Molybdenum | 94-1  | 358     | 367     | 508     | 411     | 20.50  | cps   |
| Molybdenum | 95-1  | 533     | 483     | 375     | 464     | 17.45  | cps   |
| Molybdenum | 96-1  | 608     | 642     | 550     | 600     | 7.73   | cps   |
| Molybdenum | 97-1  | 400     | 292     | 342     | 344     | 15.74  | cps   |
| Molybdenum | 98-1  | 800     | 858     | 900     | 853     | 5.89   | cps   |
| Neodymium  | 150-1 | 7       | 13      | 7       | 9       | 43.25  | cps   |
| Neodymium  | 150-2 | 0       | 0       | 0       | 0       | 0.00   | cps   |
| Nickel     | 60-2  | 577     | 483     | 557     | 539     | 9.12   | cps   |
| Phosphorus | 31-2  | 0       | 8       | 0       | 3       | 173.21 | cps   |
| Potassium  | 39-2  | 1625    | 1642    | 1558    | 1609    | 2.74   | cps   |
| Rhodium    | 103-1 | 5286725 | 5212364 | 5222055 | 5240381 | 0.77   | cps   |
| Rhodium    | 103-2 | 1223898 | 1220145 | 1222746 | 1222263 | 0.16   | cps   |
| Scandium   | 45-1  | 2812794 | 2792118 | 2780325 | 2795079 | 0.59   | cps   |
| Scandium   | 45-2  | 18012   | 17948   | 18235   | 18065   | 0.83   | cps   |
| Selenium   | 77-2  | 0       | 0       | 0       | 0       | 0.00   | cps   |
| Selenium   | 78-2  | 0       | 0       | 2       | 1       | 173.21 | cps   |
| Selenium   | 82-1  | 29      | -8      | 21      | 14      | 137.60 | cps   |
| Silicon    | 28-1  | 231399  | 238090  | 233317  | 234269  | 1.47   | cps   |
| Silver     | 109-1 | 17      | 75      | 108     | 67      | 69.60  | cps   |
| Silver     | 107-1 | 33      | 58      | 67      | 53      | 32.88  | cps   |
| Sodium     | 23-2  | 4418    | 4834    | 4926    | 4726    | 5.73   | cps   |
| Strontium  | 86-1  | 383     | 500     | 525     | 469     | 16.11  | cps   |
| Strontium  | 88-1  | 450     | 475     | 367     | 431     | 13.17  | cps   |
| Sulfur     | 34-1  | 261664  | 262367  | 266765  | 263599  | 1.05   | cps   |
| Terbium    | 159-1 | 7881434 | 7644789 | 7648362 | 7724862 | 1.76   | cps   |
| Terbium    | 159-2 | 1319174 | 1318416 | 1307866 | 1315152 | 0.48   | cps   |
| Thallium   | 203-1 | 242     | 192     | 200     | 211     | 12.69  | cps   |
| Thallium   | 205-1 | 583     | 500     | 542     | 542     | 7.69   | cps   |
| Tin        | 118-1 | 358     | 367     | 225     | 317     | 25.10  | cps   |
| Titanium   | 47-1  | 117     | 75      | 108     | 100     | 22.05  | cps   |
| Uranium    | 238-1 | 0       | 8       | 42      | 17      | 132.30 | cps   |
| Vanadium   | 51-2  | 7       | 20      | 17      | 14      | 48.02  | cps   |
| Yttrium    | 89-1  | 5850896 | 5815135 | 5701130 | 5789053 | 1.35   | cps   |
| Yttrium    | 89-2  | 147880  | 145562  | 144596  | 146013  | 1.16   | cps   |
| Zinc       | 66-2  | 20      | 17      | 20      | 19      | 10.18  | cps   |
| Zirconium  | 90-1  | 300     | 333     | 417     | 350     | 17.17  | cps   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB92809             | Operator :        | Jaswal    |
| Lab Sample ID :         | J1226-11            | Instrumnet Name : | P8        |
| Client Sample ID :      | MF6D42              | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2018-01-22 18:57:17 | DataFile Name :   | 096SMPL.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|-----------|------|------|------|------|---------|--------|-------|
| Zirconium | 91-1 | 100  | 58   | 33   | 64      | 52.72  | cps   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB92809             | Operator :        | Jaswal    |
| Lab Sample ID :         | J1226-12            | Instrumnet Name : | P8        |
| Client Sample ID :      | MF6D43              | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2018-01-22 19:00:28 | DataFile Name :   | 097SMPL.d |

| Parameter  | Mass  | CPS1    | CPS2    | CPS3    | CPSMean | CPSRSD | Units |
|------------|-------|---------|---------|---------|---------|--------|-------|
| Aluminium  | 27-2  | 25      | 8       | 0       | 11      | 114.58 | cps   |
| Antimony   | 121-1 | 92      | 83      | 142     | 106     | 29.89  | cps   |
| Arsenic    | 75-2  | 4       | 0       | 6       | 3       | 91.69  | cps   |
| Barium     | 135-1 | 533     | 483     | 442     | 486     | 9.44   | cps   |
| Barium     | 137-1 | 758     | 883     | 883     | 842     | 8.57   | cps   |
| Beryllium  | 9-1   | 28      | 44      | 44      | 39      | 24.75  | cps   |
| Bismuth    | 209-1 | 5369282 | 5326714 | 5244145 | 5313381 | 1.20   | cps   |
| Bismuth    | 209-2 | 1134331 | 1143133 | 1146199 | 1141221 | 0.54   | cps   |
| Boron      | 10-1  | 117     | 108     | 183     | 136     | 30.20  | cps   |
| Boron      | 11-1  | 583     | 542     | 600     | 575     | 5.23   | cps   |
| Cadmium    | 111-1 | 700     | 905     | 714     | 773     | 14.83  | cps   |
| Cadmium    | 106-1 | 1000    | 1283    | 1000    | 1095    | 14.95  | cps   |
| Cadmium    | 108-1 | 0       | 8       | 4       | 4       | 99.96  | cps   |
| Calcium    | 43-1  | 617     | 767     | 700     | 694     | 10.82  | cps   |
| Calcium    | 44-1  | 13691   | 13365   | 13065   | 13374   | 2.34   | cps   |
| Chromium   | 52-2  | 150     | 210     | 150     | 170     | 20.38  | cps   |
| Cobalt     | 59-2  | 33      | 27      | 33      | 31      | 12.36  | cps   |
| Copper     | 63-2  | 127     | 123     | 133     | 128     | 3.98   | cps   |
| Dysprosium | 156-1 | 0       | 0       | 0       | 0       | 0.00   | cps   |
| Dysprosium | 156-2 | 0       | 0       | 3       | 1       | 173.21 | cps   |
| Erbium     | 164-1 | 8       | 42      | 17      | 22      | 78.07  | cps   |
| Erbium     | 164-2 | 0       | 0       | 7       | 2       | 173.21 | cps   |
| Gadolinium | 160-1 | 25      | 33      | 33      | 31      | 15.74  | cps   |
| Gadolinium | 160-2 | 3       | 3       | 0       | 2       | 86.60  | cps   |
| Holmium    | 165-1 | 7476858 | 7472606 | 7383108 | 7444191 | 0.71   | cps   |
| Holmium    | 165-2 | 1372810 | 1379367 | 1369313 | 1373830 | 0.37   | cps   |
| Indium     | 115-1 | 5772860 | 5716175 | 5701326 | 5730120 | 0.66   | cps   |
| Indium     | 115-2 | 208868  | 207052  | 207779  | 207900  | 0.44   | cps   |
| Iron       | 56-2  | 1878    | 2084    | 1795    | 1919    | 7.75   | cps   |
| Iron       | 57-2  | 22      | 56      | 67      | 48      | 48.04  | cps   |
| Lead       | 206-1 | 778     | 833     | 806     | 806     | 3.45   | cps   |
| Lead       | 207-1 | 744     | 711     | 733     | 730     | 2.33   | cps   |
| Lead       | 208-1 | 3222    | 3434    | 3278    | 3311    | 3.31   | cps   |
| Lithium    | 6-1   | 845638  | 839695  | 836316  | 840550  | 0.56   | cps   |
| Magnesium  | 24-2  | 292     | 342     | 375     | 336     | 12.48  | cps   |
| Manganese  | 55-2  | 23      | 37      | 27      | 29      | 24.03  | cps   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB92809             | Operator :        | Jaswal    |
| Lab Sample ID :         | J1226-12            | Instrumnet Name : | P8        |
| Client Sample ID :      | MF6D43              | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2018-01-22 19:00:28 | DataFile Name :   | 097SMPL.d |

| Parameter  | Mass  | CPS1    | CPS2    | CPS3    | CPSMean | CPSRSD  | Units |
|------------|-------|---------|---------|---------|---------|---------|-------|
| Molybdenum | 94-1  | 333     | 392     | 425     | 383     | 12.10   | cps   |
| Molybdenum | 95-1  | 433     | 450     | 442     | 442     | 1.89    | cps   |
| Molybdenum | 96-1  | 608     | 500     | 408     | 506     | 19.80   | cps   |
| Molybdenum | 97-1  | 300     | 283     | 333     | 306     | 8.33    | cps   |
| Molybdenum | 98-1  | 958     | 733     | 692     | 795     | 18.06   | cps   |
| Neodymium  | 150-1 | 7       | 7       | 13      | 9       | 43.25   | cps   |
| Neodymium  | 150-2 | 0       | 0       | 0       | 0       | 0.00    | cps   |
| Nickel     | 60-2  | 577     | 520     | 600     | 566     | 7.27    | cps   |
| Phosphorus | 31-2  | 0       | 0       | 0       | 0       | 0.00    | cps   |
| Potassium  | 39-2  | 1725    | 1742    | 1675    | 1714    | 2.02    | cps   |
| Rhodium    | 103-1 | 5271336 | 5224382 | 5098538 | 5198085 | 1.72    | cps   |
| Rhodium    | 103-2 | 1217837 | 1218190 | 1217347 | 1217791 | 0.03    | cps   |
| Scandium   | 45-1  | 2860330 | 2814312 | 2783142 | 2819261 | 1.38    | cps   |
| Scandium   | 45-2  | 18109   | 18229   | 17932   | 18090   | 0.83    | cps   |
| Selenium   | 77-2  | 0       | 0       | 0       | 0       | 0.00    | cps   |
| Selenium   | 78-2  | 6       | 2       | 0       | 2       | 114.63  | cps   |
| Selenium   | 82-1  | -74     | 8       | 36      | -10     | -557.10 | cps   |
| Silicon    | 28-1  | 245737  | 245502  | 246151  | 245797  | 0.13    | cps   |
| Silver     | 109-1 | 25      | 58      | 42      | 42      | 40.00   | cps   |
| Silver     | 107-1 | 158     | 58      | 50      | 89      | 67.82   | cps   |
| Sodium     | 23-2  | 5101    | 4776    | 5235    | 5037    | 4.68    | cps   |
| Strontium  | 86-1  | 508     | 442     | 417     | 456     | 10.40   | cps   |
| Strontium  | 88-1  | 717     | 808     | 608     | 711     | 14.08   | cps   |
| Sulfur     | 34-1  | 269608  | 265940  | 266713  | 267420  | 0.72    | cps   |
| Terbium    | 159-1 | 7722891 | 7672521 | 7521857 | 7639090 | 1.37    | cps   |
| Terbium    | 159-2 | 1301198 | 1312206 | 1309639 | 1307681 | 0.44    | cps   |
| Thallium   | 203-1 | 208     | 208     | 117     | 178     | 29.77   | cps   |
| Thallium   | 205-1 | 475     | 467     | 383     | 442     | 11.48   | cps   |
| Tin        | 118-1 | 192     | 267     | 250     | 236     | 16.68   | cps   |
| Titanium   | 47-1  | 117     | 75      | 142     | 111     | 30.32   | cps   |
| Uranium    | 238-1 | 42      | 58      | 25      | 42      | 40.00   | cps   |
| Vanadium   | 51-2  | 10      | 3       | 3       | 6       | 69.34   | cps   |
| Yttrium    | 89-1  | 5804040 | 5665596 | 5689680 | 5719772 | 1.29    | cps   |
| Yttrium    | 89-2  | 145926  | 145522  | 145344  | 145597  | 0.20    | cps   |
| Zinc       | 66-2  | 53      | 40      | 73      | 56      | 30.20   | cps   |
| Zirconium  | 90-1  | 275     | 308     | 350     | 311     | 12.08   | cps   |



|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB92809             | Operator :        | Jaswal    |
| Lab Sample ID :         | J1226-12            | Instrumnet Name : | P8        |
| Client Sample ID :      | MF6D43              | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2018-01-22 19:00:28 | DataFile Name :   | 097SMPL.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|-----------|------|------|------|------|---------|--------|-------|
| Zirconium | 91-1 | 58   | 100  | 83   | 81      | 26.03  | cps   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB92809             | Operator :        | Jaswal    |
| Lab Sample ID :         | J1226-21            | Instrumnet Name : | P8        |
| Client Sample ID :      | MF6D44              | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2018-01-22 19:03:39 | DataFile Name :   | 098SMPL.d |

| Parameter  | Mass  | CPS1    | CPS2    | CPS3    | CPSMean | CPSRSD | Units |
|------------|-------|---------|---------|---------|---------|--------|-------|
| Aluminium  | 27-2  | 0       | 8       | 8       | 6       | 86.60  | cps   |
| Antimony   | 121-1 | 75      | 75      | 125     | 92      | 31.50  | cps   |
| Arsenic    | 75-2  | 2       | 0       | 2       | 1       | 86.60  | cps   |
| Barium     | 135-1 | 292     | 467     | 300     | 353     | 27.98  | cps   |
| Barium     | 137-1 | 558     | 575     | 592     | 575     | 2.90   | cps   |
| Beryllium  | 9-1   | 28      | 33      | 89      | 50      | 67.59  | cps   |
| Bismuth    | 209-1 | 5280300 | 5215507 | 5229460 | 5241756 | 0.65   | cps   |
| Bismuth    | 209-2 | 1133978 | 1131026 | 1116719 | 1127241 | 0.82   | cps   |
| Boron      | 10-1  | 117     | 92      | 58      | 89      | 32.92  | cps   |
| Boron      | 11-1  | 408     | 458     | 425     | 431     | 5.91   | cps   |
| Cadmium    | 111-1 | 793     | 777     | 767     | 779     | 1.70   | cps   |
| Cadmium    | 106-1 | 1133    | 1108    | 1083    | 1108    | 2.26   | cps   |
| Cadmium    | 108-1 | 13      | 4       | 0       | 6       | 114.53 | cps   |
| Calcium    | 43-1  | 625     | 667     | 492     | 594     | 15.38  | cps   |
| Calcium    | 44-1  | 10755   | 11505   | 11063   | 11108   | 3.40   | cps   |
| Chromium   | 52-2  | 160     | 127     | 223     | 170     | 28.88  | cps   |
| Cobalt     | 59-2  | 30      | 20      | 20      | 23      | 24.74  | cps   |
| Copper     | 63-2  | 120     | 93      | 130     | 114     | 16.56  | cps   |
| Dysprosium | 156-1 | 8       | 8       | 0       | 6       | 86.60  | cps   |
| Dysprosium | 156-2 | 7       | 7       | 0       | 4       | 86.60  | cps   |
| Erbium     | 164-1 | 25      | 75      | 17      | 39      | 81.12  | cps   |
| Erbium     | 164-2 | 0       | 0       | 0       | 0       | 0.00   | cps   |
| Gadolinium | 160-1 | 42      | 25      | 25      | 31      | 31.50  | cps   |
| Gadolinium | 160-2 | 3       | 0       | 0       | 1       | 173.21 | cps   |
| Holmium    | 165-1 | 7516013 | 7455063 | 7428769 | 7466615 | 0.60   | cps   |
| Holmium    | 165-2 | 1355671 | 1361702 | 1345312 | 1354228 | 0.61   | cps   |
| Indium     | 115-1 | 5726099 | 5685455 | 5642885 | 5684813 | 0.73   | cps   |
| Indium     | 115-2 | 206697  | 206276  | 202802  | 205258  | 1.04   | cps   |
| Iron       | 56-2  | 1661    | 1572    | 1639    | 1624    | 2.85   | cps   |
| Iron       | 57-2  | 67      | 67      | 56      | 63      | 10.19  | cps   |
| Lead       | 206-1 | 856     | 928     | 800     | 861     | 7.44   | cps   |
| Lead       | 207-1 | 828     | 678     | 800     | 769     | 10.38  | cps   |
| Lead       | 208-1 | 3411    | 3450    | 3367    | 3410    | 1.22   | cps   |
| Lithium    | 6-1   | 846718  | 834645  | 835442  | 838935  | 0.80   | cps   |
| Magnesium  | 24-2  | 367     | 408     | 308     | 361     | 13.91  | cps   |
| Manganese  | 55-2  | 50      | 23      | 37      | 37      | 36.37  | cps   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB92809             | Operator :        | Jaswal    |
| Lab Sample ID :         | J1226-21            | Instrumnet Name : | P8        |
| Client Sample ID :      | MF6D44              | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2018-01-22 19:03:39 | DataFile Name :   | 098SMPL.d |

| Parameter  | Mass  | CPS1    | CPS2    | CPS3    | CPSMean | CPSRSD  | Units |
|------------|-------|---------|---------|---------|---------|---------|-------|
| Molybdenum | 94-1  | 250     | 150     | 258     | 219     | 27.47   | cps   |
| Molybdenum | 95-1  | 283     | 208     | 333     | 275     | 22.88   | cps   |
| Molybdenum | 96-1  | 233     | 267     | 300     | 267     | 12.50   | cps   |
| Molybdenum | 97-1  | 92      | 175     | 158     | 142     | 31.13   | cps   |
| Molybdenum | 98-1  | 475     | 483     | 392     | 450     | 11.26   | cps   |
| Neodymium  | 150-1 | 7       | 7       | 0       | 4       | 86.60   | cps   |
| Neodymium  | 150-2 | 0       | 0       | 0       | 0       | 0.00    | cps   |
| Nickel     | 60-2  | 600     | 563     | 533     | 566     | 5.90    | cps   |
| Phosphorus | 31-2  | 0       | 0       | 0       | 0       | 0.00    | cps   |
| Potassium  | 39-2  | 1600    | 1717    | 1634    | 1650    | 3.64    | cps   |
| Rhodium    | 103-1 | 5258687 | 5188091 | 5125914 | 5190897 | 1.28    | cps   |
| Rhodium    | 103-2 | 1204321 | 1206046 | 1193966 | 1201444 | 0.54    | cps   |
| Scandium   | 45-1  | 2846365 | 2805387 | 2773224 | 2808325 | 1.31    | cps   |
| Scandium   | 45-2  | 17705   | 17615   | 17821   | 17714   | 0.59    | cps   |
| Selenium   | 77-2  | 0       | 7       | 3       | 3       | 100.05  | cps   |
| Selenium   | 78-2  | 2       | 0       | 0       | 1       | 173.21  | cps   |
| Selenium   | 82-1  | -35     | 11      | -8      | -10     | -223.24 | cps   |
| Silicon    | 28-1  | 248655  | 257927  | 248179  | 251587  | 2.18    | cps   |
| Silver     | 109-1 | 8       | 42      | 50      | 33      | 66.15   | cps   |
| Silver     | 107-1 | 75      | 83      | 125     | 94      | 28.37   | cps   |
| Sodium     | 23-2  | 4343    | 4451    | 4443    | 4412    | 1.37    | cps   |
| Strontium  | 86-1  | 467     | 425     | 467     | 453     | 5.31    | cps   |
| Strontium  | 88-1  | 483     | 492     | 500     | 492     | 1.69    | cps   |
| Sulfur     | 34-1  | 268478  | 266968  | 268998  | 268148  | 0.39    | cps   |
| Terbium    | 159-1 | 7725082 | 7601831 | 7596482 | 7641132 | 0.95    | cps   |
| Terbium    | 159-2 | 1292240 | 1301376 | 1279127 | 1290914 | 0.87    | cps   |
| Thallium   | 203-1 | 158     | 208     | 158     | 175     | 16.50   | cps   |
| Thallium   | 205-1 | 408     | 483     | 500     | 464     | 10.53   | cps   |
| Tin        | 118-1 | 292     | 167     | 300     | 253     | 29.55   | cps   |
| Titanium   | 47-1  | 100     | 108     | 117     | 108     | 7.69    | cps   |
| Uranium    | 238-1 | 25      | 33      | 42      | 33      | 25.00   | cps   |
| Vanadium   | 51-2  | 3       | 3       | 17      | 8       | 99.04   | cps   |
| Yttrium    | 89-1  | 5741560 | 5654018 | 5671607 | 5689061 | 0.81    | cps   |
| Yttrium    | 89-2  | 143861  | 145115  | 144050  | 144342  | 0.47    | cps   |
| Zinc       | 66-2  | 93      | 43      | 40      | 59      | 50.74   | cps   |
| Zirconium  | 90-1  | 258     | 400     | 408     | 356     | 23.71   | cps   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB92809             | Operator :        | Jaswal    |
| Lab Sample ID :         | J1226-21            | Instrumnet Name : | P8        |
| Client Sample ID :      | MF6D44              | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2018-01-22 19:03:39 | DataFile Name :   | 098SMPL.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|-----------|------|------|------|------|---------|--------|-------|
| Zirconium | 91-1 | 50   | 50   | 50   | 50      | 0.00   | cps   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB92809             | Operator :        | Jaswal    |
| Lab Sample ID :         | J1226-01DLX10       | Instrumnet Name : | P8        |
| Client Sample ID :      | MF6A95              | Dilution Factor : | 10        |
| Date & Time Acquired :: | 2018-01-22 19:08:08 | DataFile Name :   | 099SMPL.d |

| Parameter  | Mass  | CPS1    | CPS2    | CPS3    | CPSMean | CPSRSD | Units |
|------------|-------|---------|---------|---------|---------|--------|-------|
| Aluminium  | 27-2  | 4318    | 4818    | 4684    | 4607    | 5.62   | cps   |
| Antimony   | 121-1 | 642     | 808     | 825     | 758     | 13.37  | cps   |
| Arsenic    | 75-2  | 243     | 219     | 239     | 233     | 5.56   | cps   |
| Barium     | 135-1 | 85954   | 84118   | 86213   | 85428   | 1.34   | cps   |
| Barium     | 137-1 | 145595  | 150758  | 149343  | 148565  | 1.80   | cps   |
| Beryllium  | 9-1   | 133     | 161     | 172     | 156     | 12.88  | cps   |
| Bismuth    | 209-1 | 4574452 | 4658182 | 4671775 | 4634803 | 1.14   | cps   |
| Bismuth    | 209-2 | 1026124 | 1030897 | 1029046 | 1028689 | 0.23   | cps   |
| Boron      | 10-1  | 133     | 217     | 150     | 167     | 26.46  | cps   |
| Boron      | 11-1  | 917     | 683     | 867     | 822     | 14.94  | cps   |
| Cadmium    | 111-1 | 765     | 753     | 814     | 777     | 4.13   | cps   |
| Cadmium    | 106-1 | 883     | 908     | 967     | 920     | 4.65   | cps   |
| Cadmium    | 108-1 | 29      | 17      | 13      | 19      | 44.61  | cps   |
| Calcium    | 43-1  | 54590   | 56448   | 56581   | 55873   | 1.99   | cps   |
| Calcium    | 44-1  | 886883  | 910040  | 906983  | 901302  | 1.40   | cps   |
| Chromium   | 52-2  | 11428   | 11575   | 10711   | 11238   | 4.11   | cps   |
| Cobalt     | 59-2  | 3347    | 3314    | 3544    | 3402    | 3.65   | cps   |
| Copper     | 63-2  | 5958    | 6031    | 6008    | 5999    | 0.62   | cps   |
| Dysprosium | 156-1 | 3451    | 3634    | 3751    | 3612    | 4.19   | cps   |
| Dysprosium | 156-2 | 700     | 757     | 663     | 707     | 6.65   | cps   |
| Erbium     | 164-1 | 3227    | 2984    | 2825    | 3012    | 6.71   | cps   |
| Erbium     | 164-2 | 593     | 563     | 563     | 573     | 3.02   | cps   |
| Gadolinium | 160-1 | 3526    | 3276    | 2984    | 3262    | 8.31   | cps   |
| Gadolinium | 160-2 | 890     | 867     | 843     | 867     | 2.69   | cps   |
| Holmium    | 165-1 | 6391620 | 6493024 | 6591391 | 6492012 | 1.54   | cps   |
| Holmium    | 165-2 | 1235939 | 1239752 | 1235784 | 1237158 | 0.18   | cps   |
| Indium     | 115-1 | 4943825 | 5034310 | 5074952 | 5017696 | 1.34   | cps   |
| Indium     | 115-2 | 186889  | 186906  | 186406  | 186733  | 0.15   | cps   |
| Iron       | 56-2  | 1539718 | 1532101 | 1528345 | 1533388 | 0.38   | cps   |
| Iron       | 57-2  | 36465   | 37635   | 36810   | 36970   | 1.63   | cps   |
| Lead       | 206-1 | 77882   | 80269   | 79570   | 79241   | 1.55   | cps   |
| Lead       | 207-1 | 67384   | 65597   | 66401   | 66461   | 1.35   | cps   |
| Lead       | 208-1 | 306274  | 308489  | 310834  | 308533  | 0.74   | cps   |
| Lithium    | 6-1   | 726672  | 746445  | 747840  | 740319  | 1.60   | cps   |
| Magnesium  | 24-2  | 5076    | 5226    | 4993    | 5098    | 2.32   | cps   |
| Manganese  | 55-2  | 18993   | 18406   | 18499   | 18633   | 1.69   | cps   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB92809             | Operator :        | Jaswal    |
| Lab Sample ID :         | J1226-01DLX10       | Instrumnet Name : | P8        |
| Client Sample ID :      | MF6A95              | Dilution Factor : | 10        |
| Date & Time Acquired :: | 2018-01-22 19:08:08 | DataFile Name :   | 099SMPL.d |

| Parameter  | Mass  | CPS1    | CPS2    | CPS3    | CPSMean | CPSRSD | Units |
|------------|-------|---------|---------|---------|---------|--------|-------|
| Molybdenum | 94-1  | 2309    | 2092    | 2584    | 2328    | 10.59  | cps   |
| Molybdenum | 95-1  | 625     | 508     | 608     | 581     | 10.87  | cps   |
| Molybdenum | 96-1  | 933     | 2242    | 1200    | 1459    | 47.41  | cps   |
| Molybdenum | 97-1  | 317     | 233     | 358     | 303     | 21.02  | cps   |
| Molybdenum | 98-1  | 1067    | 867     | 1050    | 995     | 11.16  | cps   |
| Neodymium  | 150-1 | 5221    | 5054    | 5748    | 5341    | 6.78   | cps   |
| Neodymium  | 150-2 | 617     | 690     | 617     | 641     | 6.60   | cps   |
| Nickel     | 60-2  | 1033    | 1000    | 1117    | 1050    | 5.72   | cps   |
| Phosphorus | 31-2  | 0       | 25      | 17      | 14      | 91.65  | cps   |
| Potassium  | 39-2  | 2342    | 2784    | 2509    | 2545    | 8.77   | cps   |
| Rhodium    | 103-1 | 4546192 | 4620387 | 4632601 | 4599727 | 1.02   | cps   |
| Rhodium    | 103-2 | 1092946 | 1099203 | 1093337 | 1095162 | 0.32   | cps   |
| Scandium   | 45-1  | 2417951 | 2524138 | 2475261 | 2472450 | 2.15   | cps   |
| Scandium   | 45-2  | 16653   | 16190   | 16597   | 16480   | 1.54   | cps   |
| Selenium   | 77-2  | 3       | 7       | 0       | 3       | 100.05 | cps   |
| Selenium   | 78-2  | 7       | 0       | 4       | 4       | 100.05 | cps   |
| Selenium   | 82-1  | -5      | 73      | 12      | 26      | 155.84 | cps   |
| Silicon    | 28-1  | 965319  | 806001  | 855812  | 875710  | 9.31   | cps   |
| Silver     | 109-1 | 167     | 158     | 208     | 178     | 15.07  | cps   |
| Silver     | 107-1 | 150     | 183     | 175     | 169     | 10.24  | cps   |
| Sodium     | 23-2  | 6685    | 6752    | 6060    | 6499    | 5.87   | cps   |
| Strontium  | 86-1  | 29625   | 29600   | 29850   | 29692   | 0.46   | cps   |
| Strontium  | 88-1  | 249928  | 255329  | 259543  | 254933  | 1.89   | cps   |
| Sulfur     | 34-1  | 271623  | 274459  | 275144  | 273742  | 0.68   | cps   |
| Terbium    | 159-1 | 6542368 | 6727963 | 6779226 | 6683186 | 1.86   | cps   |
| Terbium    | 159-2 | 1183724 | 1183049 | 1181444 | 1182739 | 0.10   | cps   |
| Thallium   | 203-1 | 300     | 192     | 250     | 247     | 21.93  | cps   |
| Thallium   | 205-1 | 742     | 658     | 675     | 692     | 6.38   | cps   |
| Tin        | 118-1 | 1975    | 1759    | 1934    | 1889    | 6.09   | cps   |
| Titanium   | 47-1  | 2117    | 3004    | 1992    | 2371    | 23.26  | cps   |
| Uranium    | 238-1 | 3459    | 3709    | 3242    | 3470    | 6.73   | cps   |
| Vanadium   | 51-2  | 2927    | 2907    | 2927    | 2920    | 0.40   | cps   |
| Yttrium    | 89-1  | 4959250 | 5080460 | 5107653 | 5049121 | 1.56   | cps   |
| Yttrium    | 89-2  | 131916  | 133246  | 132257  | 132473  | 0.52   | cps   |
| Zinc       | 66-2  | 23457   | 23667   | 23220   | 23448   | 0.95   | cps   |
| Zirconium  | 90-1  | 5760    | 5501    | 5760    | 5674    | 2.63   | cps   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB92809             | Operator :        | Jaswal    |
| Lab Sample ID :         | J1226-01DLX10       | Instrumnet Name : | P8        |
| Client Sample ID :      | MF6A95              | Dilution Factor : | 10        |
| Date & Time Acquired :: | 2018-01-22 19:08:08 | DataFile Name :   | 099SMPL.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|-----------|------|------|------|------|---------|--------|-------|
| Zirconium | 91-1 | 1242 | 1400 | 1375 | 1339    | 6.36   | cps   |

|                         |                     |                   |          |
|-------------------------|---------------------|-------------------|----------|
| LB Number :             | LB92809             | Operator :        | Jaswal   |
| Lab Sample ID :         | CCV040              | Instrumnet Name : | P8       |
| Client Sample ID :      | CCV040              | Dilution Factor : | 1        |
| Date & Time Acquired :: | 2018-01-22 19:15:09 | DataFile Name :   | 100CCV.d |

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|------------|-------|----------|----------|----------|----------|--------|-------|
| Aluminium  | 27-2  | 173371   | 171821   | 175091   | 173428   | 0.94   | cps   |
| Antimony   | 121-1 | 3583958  | 3581136  | 3645045  | 3603380  | 1.00   | cps   |
| Arsenic    | 75-2  | 30640    | 30680    | 31458    | 30926    | 1.49   | cps   |
| Barium     | 135-1 | 3964110  | 3955666  | 3965998  | 3961925  | 0.14   | cps   |
| Barium     | 137-1 | 6880328  | 6838980  | 6865325  | 6861544  | 0.31   | cps   |
| Beryllium  | 9-1   | 364417   | 366937   | 365468   | 365607   | 0.35   | cps   |
| Bismuth    | 209-1 | 4421478  | 4400543  | 4191420  | 4337814  | 2.93   | cps   |
| Bismuth    | 209-2 | 955316   | 959689   | 962641   | 959216   | 0.38   | cps   |
| Boron      | 10-1  | 40533    | 41938    | 43383    | 41951    | 3.40   | cps   |
| Boron      | 11-1  | 188852   | 198674   | 198251   | 195259   | 2.84   | cps   |
| Cadmium    | 111-1 | 722553   | 716557   | 721909   | 720340   | 0.46   | cps   |
| Cadmium    | 106-1 | 76459    | 75880    | 74347    | 75562    | 1.44   | cps   |
| Cadmium    | 108-1 | 50900    | 52535    | 51745    | 51727    | 1.58   | cps   |
| Calcium    | 43-1  | 3409396  | 3427028  | 3395520  | 3410648  | 0.46   | cps   |
| Calcium    | 44-1  | 54959553 | 54938064 | 55378205 | 55091941 | 0.45   | cps   |
| Chromium   | 52-2  | 246173   | 246850   | 247941   | 246988   | 0.36   | cps   |
| Cobalt     | 59-2  | 541555   | 538223   | 543835   | 541204   | 0.52   | cps   |
| Copper     | 63-2  | 926529   | 925063   | 931138   | 927577   | 0.34   | cps   |
| Dysprosium | 156-1 | 75       | 33       | 33       | 47       | 50.95  | cps   |
| Dysprosium | 156-2 | 0        | 0        | 7        | 2        | 173.21 | cps   |
| Erbium     | 164-1 | 58       | 25       | 17       | 33       | 66.14  | cps   |
| Erbium     | 164-2 | 7        | 17       | 13       | 12       | 41.65  | cps   |
| Gadolinium | 160-1 | 50       | 25       | 58       | 44       | 39.04  | cps   |
| Gadolinium | 160-2 | 13       | 10       | 3        | 9        | 57.30  | cps   |
| Holmium    | 165-1 | 6621549  | 6670839  | 6316004  | 6536131  | 2.94   | cps   |
| Holmium    | 165-2 | 1228670  | 1230119  | 1239357  | 1232715  | 0.47   | cps   |
| Indium     | 115-1 | 4820552  | 4876822  | 4601230  | 4766202  | 3.06   | cps   |
| Indium     | 115-2 | 176372   | 177440   | 176530   | 176781   | 0.33   | cps   |
| Iron       | 56-2  | 41106175 | 40942404 | 41440362 | 41162980 | 0.62   | cps   |
| Iron       | 57-2  | 1014913  | 1017574  | 1026260  | 1019582  | 0.58   | cps   |
| Lead       | 206-1 | 2583122  | 2594096  | 2609991  | 2595736  | 0.52   | cps   |
| Lead       | 207-1 | 2385685  | 2390750  | 2422581  | 2399672  | 0.83   | cps   |
| Lead       | 208-1 | 10589472 | 10657110 | 10776443 | 10674342 | 0.89   | cps   |
| Lithium    | 6-1   | 733695   | 738587   | 697618   | 723300   | 3.09   | cps   |
| Magnesium  | 24-2  | 4258351  | 4220814  | 4240191  | 4239786  | 0.44   | cps   |
| Manganese  | 55-2  | 139966   | 139878   | 141689   | 140511   | 0.73   | cps   |



|                         |                     |                   |          |
|-------------------------|---------------------|-------------------|----------|
| LB Number :             | LB92809             | Operator :        | Jaswal   |
| Lab Sample ID :         | CCV040              | Instrumnet Name : | P8       |
| Client Sample ID :      | CCV040              | Dilution Factor : | 1        |
| Date & Time Acquired :: | 2018-01-22 19:15:09 | DataFile Name :   | 100CCV.d |

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|------------|-------|----------|----------|----------|----------|--------|-------|
| Molybdenum | 94-1  | 5980204  | 5970524  | 6004282  | 5985003  | 0.29   | cps   |
| Molybdenum | 95-1  | 7334991  | 7293832  | 7341813  | 7323546  | 0.35   | cps   |
| Molybdenum | 96-1  | 8205471  | 8189026  | 8215762  | 8203420  | 0.16   | cps   |
| Molybdenum | 97-1  | 4699185  | 4716037  | 4732958  | 4716060  | 0.36   | cps   |
| Molybdenum | 98-1  | 11797517 | 12048113 | 11858291 | 11901307 | 1.10   | cps   |
| Neodymium  | 150-1 | 220      | 220      | 374      | 271      | 32.69  | cps   |
| Neodymium  | 150-2 | 13       | 0        | 10       | 8        | 89.21  | cps   |
| Nickel     | 60-2  | 157483   | 155945   | 155786   | 156405   | 0.60   | cps   |
| Phosphorus | 31-2  | 2125     | 2084     | 2217     | 2142     | 3.18   | cps   |
| Potassium  | 39-2  | 1140021  | 1140349  | 1148346  | 1142905  | 0.41   | cps   |
| Rhodium    | 103-1 | 4328520  | 4380769  | 4081259  | 4263516  | 3.75   | cps   |
| Rhodium    | 103-2 | 1026506  | 1025543  | 1021463  | 1024504  | 0.26   | cps   |
| Scandium   | 45-1  | 2523527  | 2513194  | 2368158  | 2468293  | 3.52   | cps   |
| Scandium   | 45-2  | 16500    | 16456    | 16667    | 16541    | 0.67   | cps   |
| Selenium   | 77-2  | 177      | 197      | 227      | 200      | 12.58  | cps   |
| Selenium   | 78-2  | 656      | 800      | 744      | 733      | 9.94   | cps   |
| Selenium   | 82-1  | 42638    | 42592    | 42839    | 42689    | 0.31   | cps   |
| Silicon    | 28-1  | 1550038  | 1583708  | 1595956  | 1576567  | 1.51   | cps   |
| Silver     | 109-1 | 3482091  | 3451494  | 3483581  | 3472389  | 0.52   | cps   |
| Silver     | 107-1 | 3573622  | 3612236  | 3595148  | 3593669  | 0.54   | cps   |
| Sodium     | 23-2  | 9769147  | 9832034  | 9768512  | 9789898  | 0.37   | cps   |
| Strontium  | 86-1  | 934174   | 936017   | 942044   | 937412   | 0.44   | cps   |
| Strontium  | 88-1  | 8333748  | 8316783  | 8350684  | 8333738  | 0.20   | cps   |
| Sulfur     | 34-1  | 458754   | 459958   | 464227   | 460980   | 0.62   | cps   |
| Terbium    | 159-1 | 6737256  | 6752696  | 6383751  | 6624568  | 3.15   | cps   |
| Terbium    | 159-2 | 1164645  | 1165423  | 1168416  | 1166162  | 0.17   | cps   |
| Thallium   | 203-1 | 3207943  | 3224495  | 3246076  | 3226171  | 0.59   | cps   |
| Thallium   | 205-1 | 7501128  | 7533530  | 7633068  | 7555909  | 0.91   | cps   |
| Tin        | 118-1 | 2525613  | 2511767  | 2530143  | 2522508  | 0.38   | cps   |
| Titanium   | 47-1  | 1721325  | 1736523  | 1725508  | 1727785  | 0.45   | cps   |
| Uranium    | 238-1 | 10836861 | 11053982 | 11074248 | 10988364 | 1.20   | cps   |
| Vanadium   | 51-2  | 185476   | 186125   | 186903   | 186168   | 0.38   | cps   |
| Yttrium    | 89-1  | 5011721  | 5097398  | 4841267  | 4983462  | 2.62   | cps   |
| Yttrium    | 89-2  | 130842   | 129615   | 131155   | 130538   | 0.62   | cps   |
| Zinc       | 66-2  | 80441    | 81719    | 82289    | 81483    | 1.16   | cps   |
| Zirconium  | 90-1  | 5122136  | 5103805  | 5112354  | 5112765  | 0.18   | cps   |

|                         |                     |                   |          |
|-------------------------|---------------------|-------------------|----------|
| LB Number :             | LB92809             | Operator :        | Jaswal   |
| Lab Sample ID :         | CCV040              | Instrumnet Name : | P8       |
| Client Sample ID :      | CCV040              | Dilution Factor : | 1        |
| Date & Time Acquired :: | 2018-01-22 19:15:09 | DataFile Name :   | 100CCV.d |

| Parameter | Mass | CPS1    | CPS2    | CPS3    | CPSMean | CPSRSD | Units |
|-----------|------|---------|---------|---------|---------|--------|-------|
| Zirconium | 91-1 | 1102921 | 1107353 | 1102148 | 1104141 | 0.25   | cps   |

LB Number : LB92809 Operator : Jaswal  
 Lab Sample ID : CCB040 Instrumnet Name : P8  
 Client Sample ID : CCB040 Dilution Factor : 1  
 Date & Time Acquired :: 2018-01-22 19:19:26 DataFile Name : 101CCBE.d

| Parameter  | Mass  | CPS1    | CPS2    | CPS3    | CPSMean | CPSRSD | Units |
|------------|-------|---------|---------|---------|---------|--------|-------|
| Aluminium  | 27-2  | 0       | 0       | 0       | 0       | 0.00   | cps   |
| Antimony   | 121-1 | 2992    | 2834    | 3026    | 2950    | 3.47   | cps   |
| Arsenic    | 75-2  | 0       | 0       | 9       | 3       | 173.21 | cps   |
| Barium     | 135-1 | 75      | 17      | 42      | 44      | 65.84  | cps   |
| Barium     | 137-1 | 92      | 75      | 58      | 75      | 22.22  | cps   |
| Beryllium  | 9-1   | 150     | 194     | 189     | 178     | 13.62  | cps   |
| Bismuth    | 209-1 | 4662527 | 4641069 | 4679629 | 4661075 | 0.41   | cps   |
| Bismuth    | 209-2 | 1019408 | 1012446 | 1016595 | 1016150 | 0.34   | cps   |
| Boron      | 10-1  | 908     | 758     | 717     | 795     | 12.69  | cps   |
| Boron      | 11-1  | 3759    | 3759    | 3359    | 3626    | 6.37   | cps   |
| Cadmium    | 111-1 | 719     | 620     | 608     | 649     | 9.41   | cps   |
| Cadmium    | 106-1 | 917     | 867     | 850     | 878     | 3.95   | cps   |
| Cadmium    | 108-1 | 8       | 4       | 0       | 4       | 99.96  | cps   |
| Calcium    | 43-1  | 492     | 558     | 475     | 508     | 8.67   | cps   |
| Calcium    | 44-1  | 10221   | 9278    | 9220    | 9573    | 5.87   | cps   |
| Chromium   | 52-2  | 153     | 203     | 160     | 172     | 15.76  | cps   |
| Cobalt     | 59-2  | 37      | 50      | 37      | 41      | 18.72  | cps   |
| Copper     | 63-2  | 137     | 117     | 107     | 120     | 12.73  | cps   |
| Dysprosium | 156-1 | 0       | 17      | 0       | 6       | 173.21 | cps   |
| Dysprosium | 156-2 | 3       | 0       | 0       | 1       | 173.21 | cps   |
| Erbium     | 164-1 | 17      | 25      | 25      | 22      | 21.64  | cps   |
| Erbium     | 164-2 | 3       | 7       | 3       | 4       | 43.40  | cps   |
| Gadolinium | 160-1 | 50      | 42      | 33      | 42      | 20.00  | cps   |
| Gadolinium | 160-2 | 7       | 0       | 0       | 2       | 173.21 | cps   |
| Holmium    | 165-1 | 6573472 | 6602696 | 6528304 | 6568157 | 0.57   | cps   |
| Holmium    | 165-2 | 1231693 | 1226687 | 1226281 | 1228220 | 0.25   | cps   |
| Indium     | 115-1 | 5029218 | 5086399 | 5012409 | 5042676 | 0.77   | cps   |
| Indium     | 115-2 | 187877  | 187153  | 184455  | 186495  | 0.97   | cps   |
| Iron       | 56-2  | 1834    | 1800    | 1834    | 1822    | 1.06   | cps   |
| Iron       | 57-2  | 72      | 61      | 39      | 57      | 29.56  | cps   |
| Lead       | 206-1 | 606     | 539     | 544     | 563     | 6.57   | cps   |
| Lead       | 207-1 | 550     | 461     | 422     | 478     | 13.71  | cps   |
| Lead       | 208-1 | 2339    | 2078    | 2267    | 2228    | 6.05   | cps   |
| Lithium    | 6-1   | 761203  | 764782  | 761403  | 762462  | 0.26   | cps   |
| Magnesium  | 24-2  | 308     | 342     | 208     | 286     | 24.25  | cps   |
| Manganese  | 55-2  | 13      | 7       | 17      | 12      | 41.65  | cps   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB92809             | Operator :        | Jaswal    |
| Lab Sample ID :         | CCB040              | Instrumnet Name : | P8        |
| Client Sample ID :      | CCB040              | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2018-01-22 19:19:26 | DataFile Name :   | 101CCBE.d |

| Parameter  | Mass  | CPS1    | CPS2    | CPS3    | CPSMean | CPSRSD  | Units |
|------------|-------|---------|---------|---------|---------|---------|-------|
| Molybdenum | 94-1  | 283     | 417     | 308     | 336     | 21.09   | cps   |
| Molybdenum | 95-1  | 275     | 392     | 333     | 333     | 17.50   | cps   |
| Molybdenum | 96-1  | 367     | 442     | 367     | 392     | 11.06   | cps   |
| Molybdenum | 97-1  | 167     | 233     | 242     | 214     | 19.22   | cps   |
| Molybdenum | 98-1  | 500     | 558     | 492     | 517     | 7.03    | cps   |
| Neodymium  | 150-1 | 0       | 0       | 7       | 2       | 173.21  | cps   |
| Neodymium  | 150-2 | 0       | 0       | 0       | 0       | 0.00    | cps   |
| Nickel     | 60-2  | 693     | 567     | 657     | 639     | 10.20   | cps   |
| Phosphorus | 31-2  | 0       | 0       | 8       | 3       | 173.21  | cps   |
| Potassium  | 39-2  | 1467    | 1650    | 1650    | 1589    | 6.66    | cps   |
| Rhodium    | 103-1 | 4644340 | 4598689 | 4578264 | 4607098 | 0.73    | cps   |
| Rhodium    | 103-2 | 1097020 | 1091290 | 1090138 | 1092816 | 0.34    | cps   |
| Scandium   | 45-1  | 2542837 | 2537984 | 2542023 | 2540948 | 0.10    | cps   |
| Scandium   | 45-2  | 16690   | 16500   | 16994   | 16728   | 1.49    | cps   |
| Selenium   | 77-2  | 0       | 0       | 0       | 0       | 0.00    | cps   |
| Selenium   | 78-2  | 2       | 2       | 2       | 2       | 0.00    | cps   |
| Selenium   | 82-1  | -22     | 15      | 1       | -2      | -965.37 | cps   |
| Silicon    | 28-1  | 274193  | 271328  | 270603  | 272041  | 0.70    | cps   |
| Silver     | 109-1 | 158     | 92      | 100     | 117     | 31.13   | cps   |
| Silver     | 107-1 | 108     | 75      | 92      | 92      | 18.18   | cps   |
| Sodium     | 23-2  | 5635    | 5343    | 5560    | 5512    | 2.75    | cps   |
| Strontium  | 86-1  | 417     | 392     | 358     | 389     | 7.53    | cps   |
| Strontium  | 88-1  | 117     | 75      | 42      | 78      | 48.31   | cps   |
| Sulfur     | 34-1  | 282014  | 278605  | 279368  | 279996  | 0.64    | cps   |
| Terbium    | 159-1 | 6790157 | 6773186 | 6679092 | 6747478 | 0.89    | cps   |
| Terbium    | 159-2 | 1170261 | 1172692 | 1165316 | 1169423 | 0.32    | cps   |
| Thallium   | 203-1 | 675     | 633     | 642     | 650     | 3.39    | cps   |
| Thallium   | 205-1 | 1475    | 1225    | 1534    | 1411    | 11.61   | cps   |
| Tin        | 118-1 | 642     | 575     | 592     | 603     | 5.76    | cps   |
| Titanium   | 47-1  | 125     | 67      | 75      | 89      | 35.50   | cps   |
| Uranium    | 238-1 | 33      | 33      | 42      | 36      | 13.33   | cps   |
| Vanadium   | 51-2  | 3       | 3       | 0       | 2       | 86.60   | cps   |
| Yttrium    | 89-1  | 5104702 | 5058587 | 5087024 | 5083437 | 0.46    | cps   |
| Yttrium    | 89-2  | 131839  | 132448  | 132219  | 132168  | 0.23    | cps   |
| Zinc       | 66-2  | 13      | 17      | 17      | 16      | 12.40   | cps   |
| Zirconium  | 90-1  | 417     | 458     | 500     | 458     | 9.09    | cps   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB92809             | Operator :        | Jaswal    |
| Lab Sample ID :         | CCB040              | Instrumnet Name : | P8        |
| Client Sample ID :      | CCB040              | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2018-01-22 19:19:26 | DataFile Name :   | 101CCBE.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|-----------|------|------|------|------|---------|--------|-------|
| Zirconium | 91-1 | 150  | 175  | 108  | 144     | 23.32  | cps   |