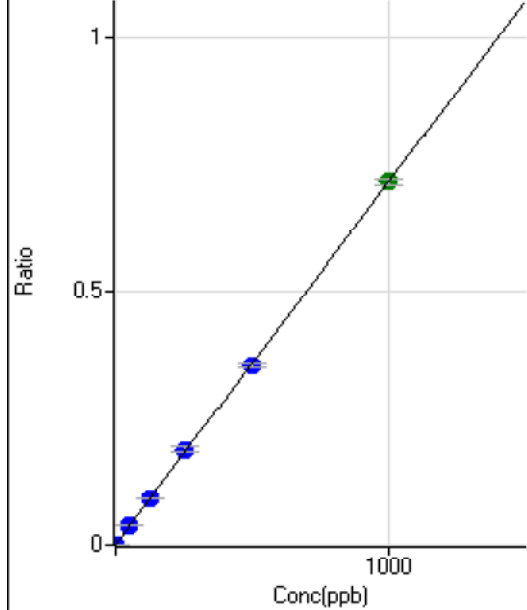


Batch Folder: D:\P8081018-MS .b\  
Analysis File: P8081018-MS .batch.bin  
DA Date-Time:  
Calibration Title:  
Calibration Method: External Calibration  
VIS Interpolation Fit:

| Level | Standard Data File    | Sample Name | Acq. Date-Time      |
|-------|-----------------------|-------------|---------------------|
| 1     | 003CALB P8081018-MS.D | S00         | 2018-08-10 11:52:50 |
| 2     |                       |             |                     |
| 3     | 005CALS P8081018-MS.D | S02         | 2018-08-10 12:00:24 |
| 4     | 006CALS P8081018-MS.D | S03         | 2018-08-10 12:04:08 |
| 5     | 007CALS P8081018-MS.D | S04         | 2018-08-10 12:07:51 |
| 6     | 008CALS P8081018-MS.D | S05         | 2018-08-10 12:11:26 |
| 7     | 009CALS P8081018-MS.D | S06         | 2018-08-10 12:14:57 |
| 8     | 010CALS P8081018-MS.D | S07         | 2018-08-10 12:18:24 |
| 9     | 011CALS P8081018-MS.D | S08         | 2018-08-10 12:21:47 |

**9 Be [NoGas] ISTD:6 Li [NoGas]**

|   | R <sub>j</sub><br>ct     | Conc.    | Calc Conc. | CPS        | Ratio  | Det. | RSD  |
|---|--------------------------|----------|------------|------------|--------|------|------|
| 1 | <input type="checkbox"/> | 0.000    | 0.000      | 94.45      | 0.0001 | P    | 16.8 |
| 2 | <input type="checkbox"/> | 0.100    |            |            |        |      |      |
| 3 | <input type="checkbox"/> | 1.000    | 0.897      | 1081.56    | 0.0007 | P    | 4.1  |
| 4 | <input type="checkbox"/> | 50.000   | 51.605     | 56533.50   | 0.0369 | P    | 1.3  |
| 5 | <input type="checkbox"/> | 125.000  | 125.387    | 140603.65  | 0.0896 | P    | 0.5  |
| 6 | <input type="checkbox"/> | 250.000  | 260.909    | 279666.51  | 0.1864 | P    | 5.8  |
| 7 | <input type="checkbox"/> | 500.000  | 494.048    | 548959.41  | 0.3529 | P    | 2.7  |
| 8 | <input type="checkbox"/> | 1000.000 | 1000.120   | 1091719.21 | 0.7143 | A    | 1.4  |
| 9 | <input type="checkbox"/> |          |            | 646.33     | 0.0004 | P    | 4.9  |

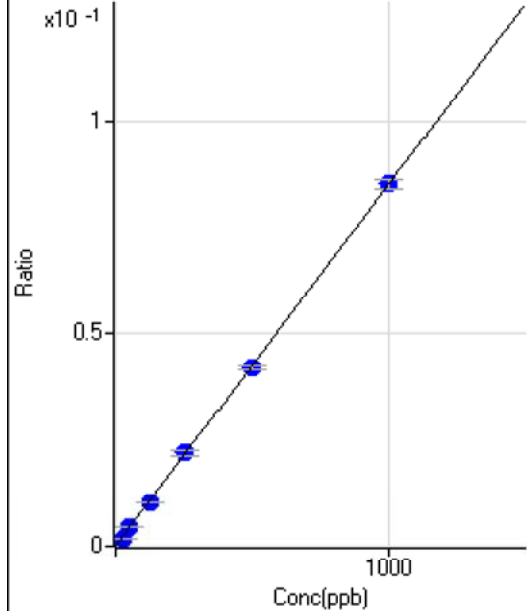
$$y = 7.1418\text{E-}004 * x + 6.2928\text{E-}005$$

$$R = 0.9999$$

$$DL = 0.04445$$

Weight: &lt;None&gt;

Min Conc: 0

**10 B [NoGas] ISTD:6 Li [NoGas]**

|   | R <sub>j</sub><br>ct     | Conc.    | Calc Conc. | CPS       | Ratio  | Det. | RSD  |
|---|--------------------------|----------|------------|-----------|--------|------|------|
| 1 | <input type="checkbox"/> | 0.000    | 0.000      | 108.34    | 0.0001 | P    | 26.2 |
| 2 | <input type="checkbox"/> | 2.500    |            |           |        |      |      |
| 3 | <input type="checkbox"/> | 25.000   | 21.862     | 2972.65   | 0.0019 | P    | 7.5  |
| 4 | <input type="checkbox"/> | 50.000   | 51.304     | 6796.36   | 0.0044 | P    | 0.7  |
| 5 | <input type="checkbox"/> | 125.000  | 123.239    | 16568.54  | 0.0106 | P    | 1.1  |
| 6 | <input type="checkbox"/> | 250.000  | 257.309    | 32938.79  | 0.0220 | P    | 7.5  |
| 7 | <input type="checkbox"/> | 500.000  | 493.674    | 65472.18  | 0.0421 | P    | 1.6  |
| 8 | <input type="checkbox"/> | 1000.000 | 1001.569   | 130401.50 | 0.0853 | P    | 2.4  |
| 9 | <input type="checkbox"/> |          |            | 6215.51   | 0.0041 | P    | 13.4 |

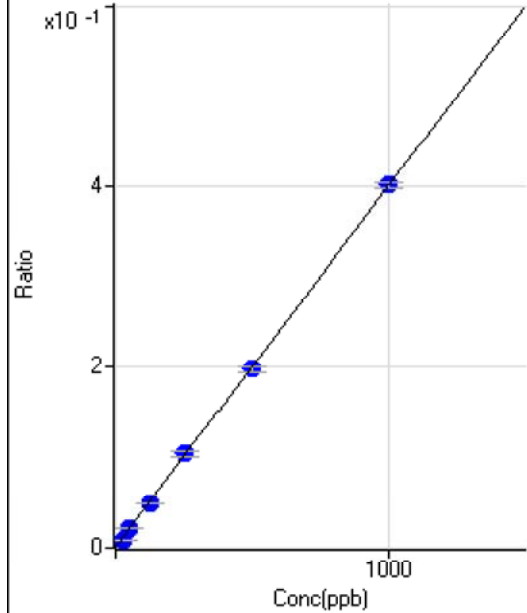
$$y = 8.5097\text{E-}005 * x + 7.2210\text{E-}005$$

$$R = 0.9999$$

$$DL = 0.6674$$

Weight: &lt;None&gt;

Min Conc: 0

**11 B [NoGas] ISTD: 6 Li [NoGas]**

|   | R <sub>j</sub><br>ct     | Conc.    | Calc Conc. | CPS       | Ratio  | Det. | RSD |
|---|--------------------------|----------|------------|-----------|--------|------|-----|
| 1 | <input type="checkbox"/> | 0.000    | 0.000      | 555.59    | 0.0004 | P    | 8.2 |
| 2 | <input type="checkbox"/> | 2.500    |            |           |        |      |     |
| 3 | <input type="checkbox"/> | 25.000   | 22.177     | 14185.37  | 0.0092 | P    | 0.4 |
| 4 | <input type="checkbox"/> | 50.000   | 51.114     | 31811.30  | 0.0208 | P    | 4.5 |
| 5 | <input type="checkbox"/> | 125.000  | 121.237    | 76563.14  | 0.0488 | P    | 1.1 |
| 6 | <input type="checkbox"/> | 250.000  | 257.143    | 154535.04 | 0.1031 | P    | 7.9 |
| 7 | <input type="checkbox"/> | 500.000  | 491.767    | 306092.48 | 0.1968 | P    | 3.8 |
| 8 | <input type="checkbox"/> | 1000.000 | 1002.816   | 612830.73 | 0.4009 | P    | 1.3 |
| 9 | <input type="checkbox"/> |          |            | 28125.71  | 0.0185 | P    | 9.5 |

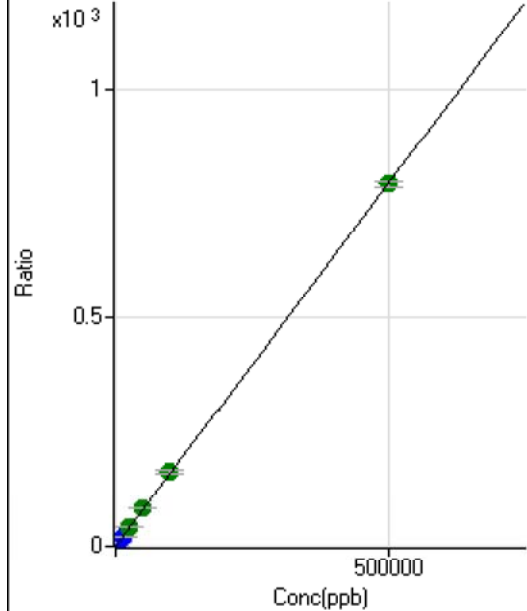
$$y = 3.9944\text{E-}004 * x + 3.7033\text{E-}004$$

$$R = 0.9999$$

$$DL = 0.2268$$

Weight: &lt;None&gt;

Min Conc: 0

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

|   | R <sub>j</sub><br>ct     | Conc.     | Calc Conc. | CPS         | Ratio    | Det. | RSD |
|---|--------------------------|-----------|------------|-------------|----------|------|-----|
| 1 | <input type="checkbox"/> | 0.000     | 0.000      | 4700.98     | 0.1343   | P    | 2.4 |
| 2 | <input type="checkbox"/> | 50.000    |            |             |          |      |     |
| 3 | <input type="checkbox"/> | 500.000   | 491.478    | 31931.24    | 0.9132   | P    | 9.2 |
| 4 | <input type="checkbox"/> | 5000.000  | 5177.932   | 307040.72   | 8.3401   | P    | 0.6 |
| 5 | <input type="checkbox"/> | 12500.000 | 13043.476  | 753693.31   | 20.8051  | P    | 2.3 |
| 6 | <input type="checkbox"/> | 25000.000 | 25980.428  | 1503834.04  | 41.3070  | A    | 2.7 |
| 7 | <input type="checkbox"/> | 50000.000 | 51921.856  | 2960411.72  | 82.4178  | A    | 1.1 |
| 8 | <input type="checkbox"/> | 100000.00 | 103176.88  | 5849090.19  | 163.6445 | A    | 3.4 |
| 9 | <input type="checkbox"/> | 500000.00 | 499108.05  | 30703391.66 | 791.0986 | A    | 1.5 |

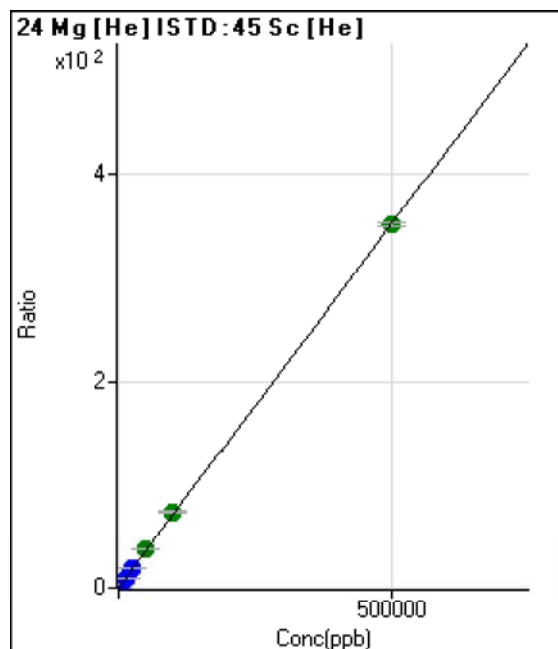
$$y = 0.0016 * x + 0.1343$$

$$R = 1.0000$$

$$DL = 6.182$$

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      | 183.34      | 0.0052   | P    | 12.8 |
| 2 | <input type="checkbox"/> | 50.000    |            |             |          |      |      |
| 3 | <input type="checkbox"/> | 500.000   | 489.101    | 12225.20    | 0.3496   | P    | 9.3  |
| 4 | <input type="checkbox"/> | 5000.000  | 5218.726   | 135481.52   | 3.6801   | P    | 0.4  |
| 5 | <input type="checkbox"/> | 12500.000 | 13160.825  | 335917.51   | 9.2726   | P    | 2.2  |
| 6 | <input type="checkbox"/> | 25000.000 | 25837.083  | 662528.36   | 18.1987  | P    | 2.9  |
| 7 | <input type="checkbox"/> | 50000.000 | 52638.422  | 1331583.17  | 37.0712  | A    | 1.1  |
| 8 | <input type="checkbox"/> | 100000.00 | 103905.97  | 2615449.24  | 73.1718  | A    | 3.2  |
| 9 | <input type="checkbox"/> | 500000.00 | 498894.41  | 13635068.88 | 351.3072 | A    | 1.2  |

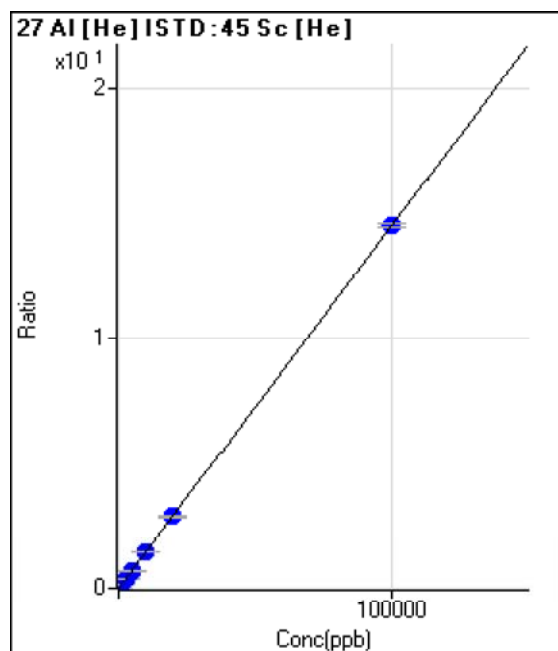
$$y = 7.0416\text{E-}004 * x + 0.0052$$

R = 1.0000

DL = 2.864

Weight: <None>

Min Conc: 0



|   | R <sub>ct</sub>          | Conc.     | Calc Conc. | CPS       | Ratio   | Det. | RSD  |
|---|--------------------------|-----------|------------|-----------|---------|------|------|
| 1 | <input type="checkbox"/> | 0.000     | 0.000      | 8.33      | 0.0002  | P    | 17.3 |
| 2 | <input type="checkbox"/> | 2.000     |            |           |         |      |      |
| 3 | <input type="checkbox"/> | 20.000    | 22.611     | 122.53    | 0.0035  | P    | 14.2 |
| 4 | <input type="checkbox"/> | 1000.000  | 1005.476   | 5369.92   | 0.1459  | P    | 0.6  |
| 5 | <input type="checkbox"/> | 2500.000  | 2548.896   | 13384.74  | 0.3694  | P    | 0.9  |
| 6 | <input type="checkbox"/> | 5000.000  | 4887.940   | 25780.70  | 0.7082  | P    | 3.0  |
| 7 | <input type="checkbox"/> | 10000.000 | 9921.068   | 51617.58  | 1.4371  | P    | 1.8  |
| 8 | <input type="checkbox"/> | 20000.000 | 20004.283  | 103567.29 | 2.8975  | P    | 3.2  |
| 9 | <input type="checkbox"/> | 100000.00 | 100011.36  | 562191.61 | 14.4850 | P    | 1.2  |

$$y = 1.4483\text{E-}004 * x + 2.3816\text{E-}004$$

R = 1.0000

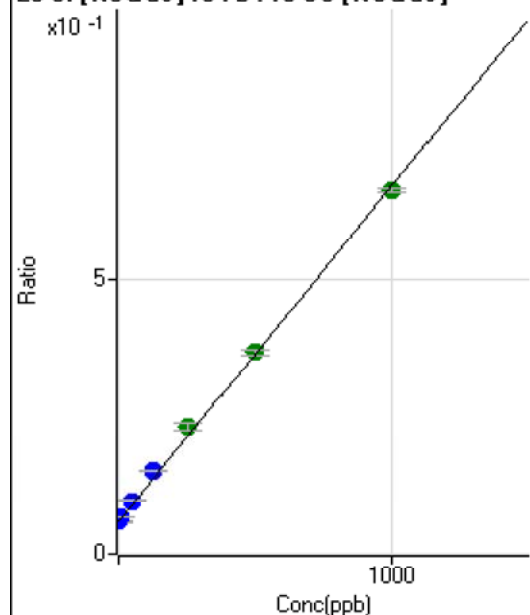
DL = 0.8555

Weight: <None>

Min Conc: 0



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



|   | R <sub>j</sub><br>ct     | Conc.    | Calc Conc. | CPS        | Ratio  | Det. | RSD |
|---|--------------------------|----------|------------|------------|--------|------|-----|
| 1 | <input type="checkbox"/> | 0.000    | 0.000      | 285846.87  | 0.0579 | P    | 0.7 |
| 2 | <input type="checkbox"/> | 1.000    |            |            |        |      |     |
| 3 | <input type="checkbox"/> | 10.000   | 14.190     | 336773.30  | 0.0666 | P    | 1.4 |
| 4 | <input type="checkbox"/> | 50.000   | 62.524     | 487234.25  | 0.0962 | P    | 2.3 |
| 5 | <input type="checkbox"/> | 125.000  | 149.843    | 769775.54  | 0.1497 | P    | 0.5 |
| 6 | <input type="checkbox"/> | 250.000  | 282.322    | 1135065.11 | 0.2308 | A    | 5.6 |
| 7 | <input type="checkbox"/> | 500.000  | 504.391    | 1884231.10 | 0.3667 | A    | 3.5 |
| 8 | <input type="checkbox"/> | 1000.000 | 985.950    | 3326181.76 | 0.6616 | A    | 1.2 |
| 9 | <input type="checkbox"/> |          |            | 378127.49  | 0.0754 | P    | 2.2 |

$$y = 6.1226\text{E-}004 * x + 0.0579$$

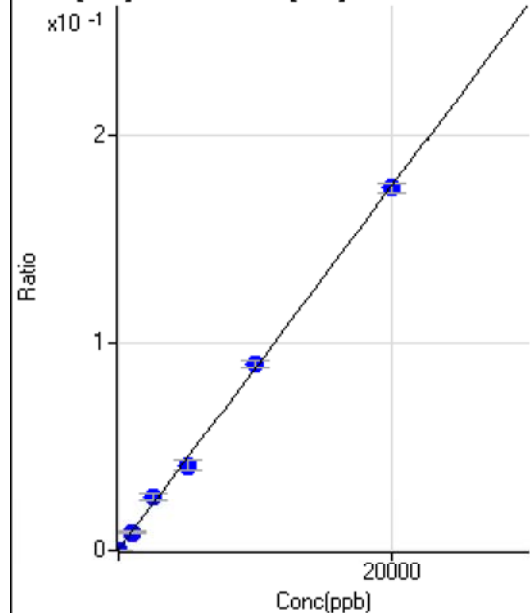
$$R = 0.9993$$

$$DL = 1.949$$

Weight: &lt;None&gt;

Min Conc: 0

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



|   | R <sub>j</sub><br>ct     | Conc.     | Calc Conc. | CPS     | Ratio  | Det. | RSD   |
|---|--------------------------|-----------|------------|---------|--------|------|-------|
| 1 | <input type="checkbox"/> | 0.000     | 9.394      | 8.33    | 0.0002 | P    | 100.3 |
| 2 | <input type="checkbox"/> | 0.000     |            |         |        |      |       |
| 3 | <input type="checkbox"/> | 0.000     | -9.394     | 2.78    | 0.0001 | P    | 173.2 |
| 4 | <input type="checkbox"/> | 1000.000  | 980.433    | 322.24  | 0.0088 | P    | 12.9  |
| 5 | <input type="checkbox"/> | 2500.000  | 2908.764   | 927.85  | 0.0257 | P    | 15.2  |
| 6 | <input type="checkbox"/> | 5000.000  | 4680.658   | 1497.38 | 0.0412 | P    | 11.5  |
| 7 | <input type="checkbox"/> | 10000.000 | 10246.246  | 3233.86 | 0.0900 | P    | 4.0   |
| 8 | <input type="checkbox"/> | 20000.000 | 19906.595  | 6246.11 | 0.1747 | P    | 3.0   |
| 9 | <input type="checkbox"/> |           |            | 11.11   | 0.0003 | P    | 115.2 |

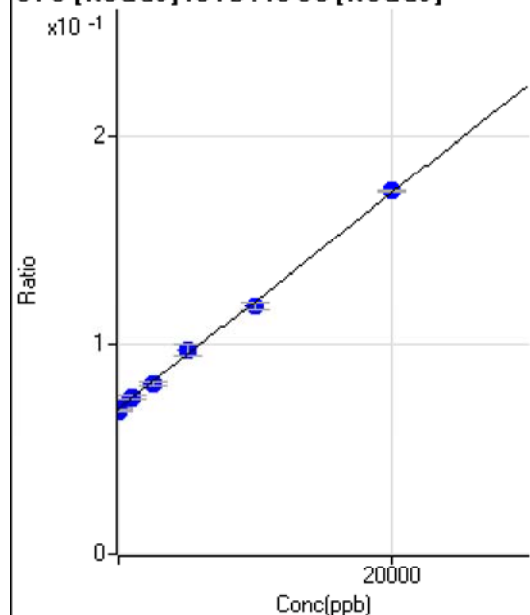
$$y = 8.7666\text{E-}006 * x + 1.5732\text{E-}004$$

$$R = 0.9995$$

$$DL = 63.37$$

Weight: &lt;None&gt;

Min Conc: 0

**34 S [NoGas] ISTD:45 Sc [NoGas]**

|   | Rj<br>ct                 | Conc.     | Calc Conc. | CPS       | Ratio  | Det. | RSD |
|---|--------------------------|-----------|------------|-----------|--------|------|-----|
| 1 | <input type="checkbox"/> | 0.000     | 136.971    | 344700.47 | 0.0699 | P    | 0.8 |
| 2 | <input type="checkbox"/> | 0.000     |            |           |        |      |     |
| 3 | <input type="checkbox"/> | 0.000     | -136.971   | 345976.45 | 0.0684 | P    | 1.5 |
| 4 | <input type="checkbox"/> | 1000.000  | 1073.825   | 378300.33 | 0.0747 | P    | 3.1 |
| 5 | <input type="checkbox"/> | 2500.000  | 2285.856   | 416517.86 | 0.0810 | P    | 1.2 |
| 6 | <input type="checkbox"/> | 5000.000  | 5436.006   | 478602.42 | 0.0973 | P    | 5.5 |
| 7 | <input type="checkbox"/> | 10000.000 | 9506.087   | 608358.66 | 0.1184 | P    | 2.8 |
| 8 | <input type="checkbox"/> | 20000.000 | 20161.032  | 872781.41 | 0.1736 | P    | 0.5 |
| 9 | <input type="checkbox"/> |           |            | 337115.90 | 0.0672 | P    | 1.3 |

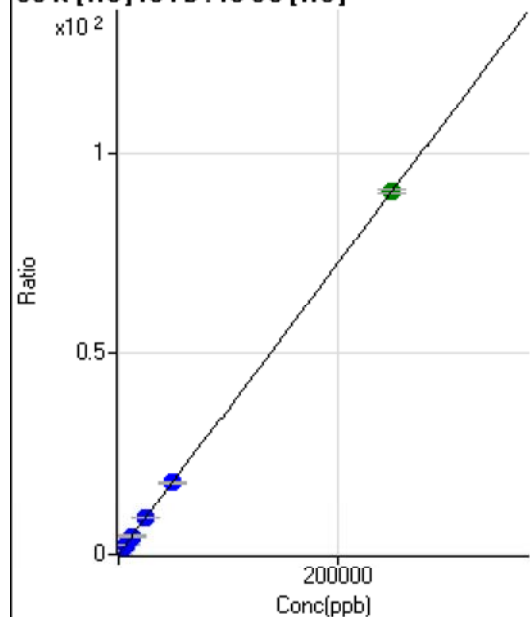
$$y = 5.1806E-006 * x + 0.0691$$

$$R = 0.9991$$

$$DL = 461.1$$

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      | 1825.21    | 0.0521  | P    | 5.9  |
| 2 | <input type="checkbox"/> | 50.000    |            |            |         |      |      |
| 3 | <input type="checkbox"/> | 500.000   | 471.062    | 7752.49    | 0.2218  | P    | 10.2 |
| 4 | <input type="checkbox"/> | 2500.000  | 2500.448   | 35075.39   | 0.9528  | P    | 3.7  |
| 5 | <input type="checkbox"/> | 6250.000  | 6383.993   | 85191.35   | 2.3516  | P    | 2.4  |
| 6 | <input type="checkbox"/> | 12500.000 | 12348.338  | 163837.92  | 4.4998  | P    | 2.1  |
| 7 | <input type="checkbox"/> | 25000.000 | 24791.610  | 322595.88  | 8.9817  | P    | 1.7  |
| 8 | <input type="checkbox"/> | 50000.000 | 49812.492  | 643174.85  | 17.9938 | P    | 3.2  |
| 9 | <input type="checkbox"/> | 250000.00 | 250062.62  | 3497812.53 | 90.1205 | A    | 1.2  |

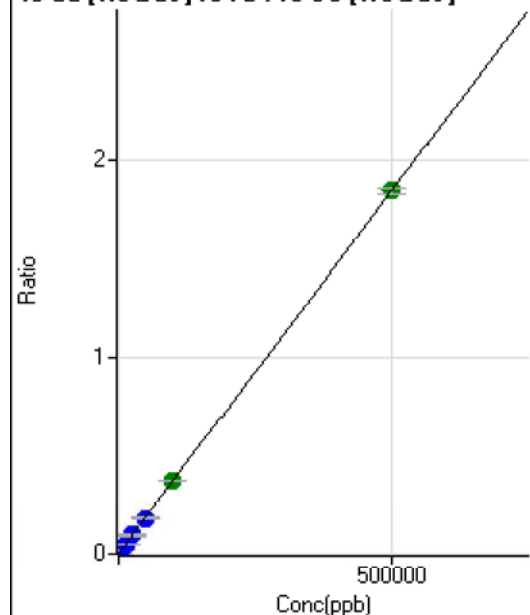
$$y = 3.6018E-004 * x + 0.0521$$

$$R = 1.0000$$

$$DL = 25.75$$

Weight: &lt;None&gt;

Min Conc: 0

**43 Ca [NoGas] ISTD:45 Sc [NoGas]**

|   | Rj<br>ct                 | Conc.     | Calc Conc. | CPS        | Ratio  | Det | RSD  |
|---|--------------------------|-----------|------------|------------|--------|-----|------|
| 1 | <input type="checkbox"/> | 0.000     | 0.000      | 388.91     | 0.0001 | P   | 18.5 |
| 2 | <input type="checkbox"/> | 50.000    |            |            |        |     |      |
| 3 | <input type="checkbox"/> | 500.000   | 436.510    | 8536.37    | 0.0017 | P   | 2.4  |
| 4 | <input type="checkbox"/> | 5000.000  | 4942.892   | 92682.70   | 0.0183 | P   | 2.1  |
| 5 | <input type="checkbox"/> | 12500.000 | 12111.478  | 230015.70  | 0.0447 | P   | 1.5  |
| 6 | <input type="checkbox"/> | 25000.000 | 25491.872  | 462583.36  | 0.0940 | P   | 5.5  |
| 7 | <input type="checkbox"/> | 50000.000 | 48377.640  | 916676.81  | 0.1784 | P   | 3.2  |
| 8 | <input type="checkbox"/> | 100000.00 | 100239.01  | 1858124.37 | 0.3696 | A   | 1.3  |
| 9 | <input type="checkbox"/> | 500000.00 | 500100.18  | 9248816.26 | 1.8436 | A   | 1.3  |

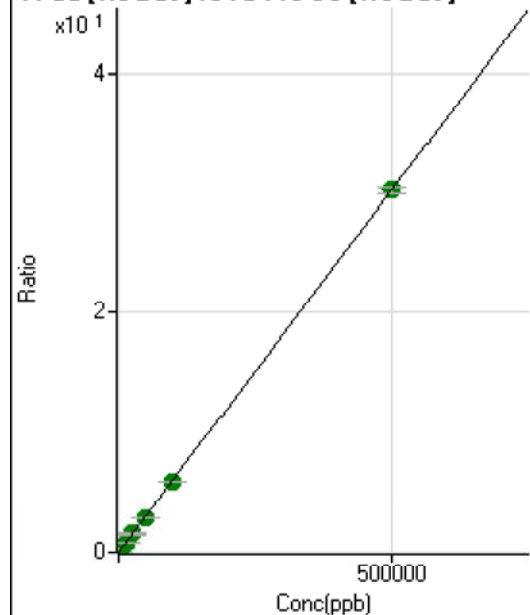
$$y = 3.6863E-006 * x + 7.8820E-005$$

$$R = 1.0000$$

$$DL = 11.85$$

Weight: &lt;None&gt;

Min Conc: 0

**44 Ca [NoGas] ISTD:45 Sc [NoGas]**

|   | Rj<br>ct                 | Conc.     | Calc Conc. | CPS         | Ratio   | Det | RSD |
|---|--------------------------|-----------|------------|-------------|---------|-----|-----|
| 1 | <input type="checkbox"/> | 0.000     | 0.000      | 14825.25    | 0.0030  | P   | 3.1 |
| 2 | <input type="checkbox"/> | 50.000    |            |             |         |     |     |
| 3 | <input type="checkbox"/> | 500.000   | 439.935    | 149680.25   | 0.0296  | P   | 3.1 |
| 4 | <input type="checkbox"/> | 5000.000  | 5010.582   | 1549840.88  | 0.3061  | A   | 2.8 |
| 5 | <input type="checkbox"/> | 12500.000 | 12166.777  | 3800115.75  | 0.7389  | A   | 1.1 |
| 6 | <input type="checkbox"/> | 25000.000 | 25232.056  | 7521193.31  | 1.5291  | A   | 5.4 |
| 7 | <input type="checkbox"/> | 50000.000 | 48186.235  | 14991496.17 | 2.9174  | A   | 2.6 |
| 8 | <input type="checkbox"/> | 100000.00 | 97608.741  | 29696187.47 | 5.9066  | A   | 1.0 |
| 9 | <input type="checkbox"/> | 500000.00 | 500656.31  | 151919525.6 | 30.2838 | A   | 1.6 |

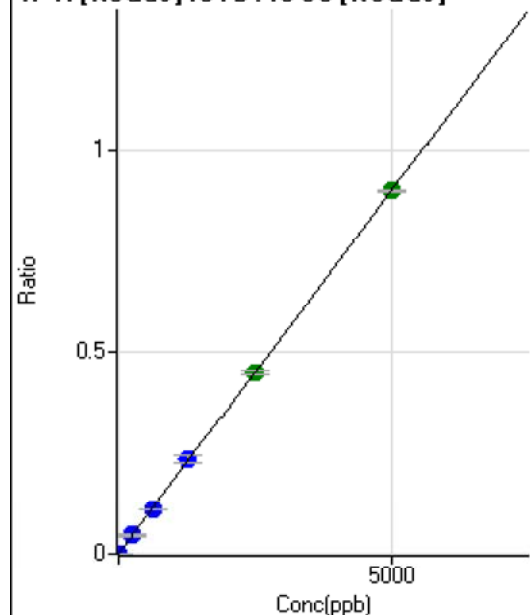
$$y = 6.0482E-005 * x + 0.0030$$

$$R = 1.0000$$

$$DL = 4.566$$

Weight: &lt;None&gt;

Min Conc: 0

**47 Ti [NoGas] ISTD : 45 Sc [NoGas]**

|   | Rj<br>ct                 | Conc.    | Calc Conc. | CPS        | Ratio  | Det. | RSD  |
|---|--------------------------|----------|------------|------------|--------|------|------|
| 1 | <input type="checkbox"/> | 0.000    | 0.000      | 119.45     | 0.0000 | P    | 17.6 |
| 2 | <input type="checkbox"/> | 0.500    |            |            |        |      |      |
| 3 | <input type="checkbox"/> | 5.000    | 4.594      | 4286.96    | 0.0008 | P    | 4.5  |
| 4 | <input type="checkbox"/> | 250.000  | 251.744    | 228776.06  | 0.0452 | P    | 3.5  |
| 5 | <input type="checkbox"/> | 625.000  | 616.457    | 568832.10  | 0.1106 | P    | 1.5  |
| 6 | <input type="checkbox"/> | 1250.000 | 1298.501   | 1145464.35 | 0.2330 | P    | 6.3  |
| 7 | <input type="checkbox"/> | 2500.000 | 2482.070   | 2288110.99 | 0.4453 | A    | 2.5  |
| 8 | <input type="checkbox"/> | 5000.000 | 4997.821   | 4507668.03 | 0.8966 | A    | 0.5  |
| 9 | <input type="checkbox"/> |          |            | 2500.34    | 0.0005 | P    | 6.3  |

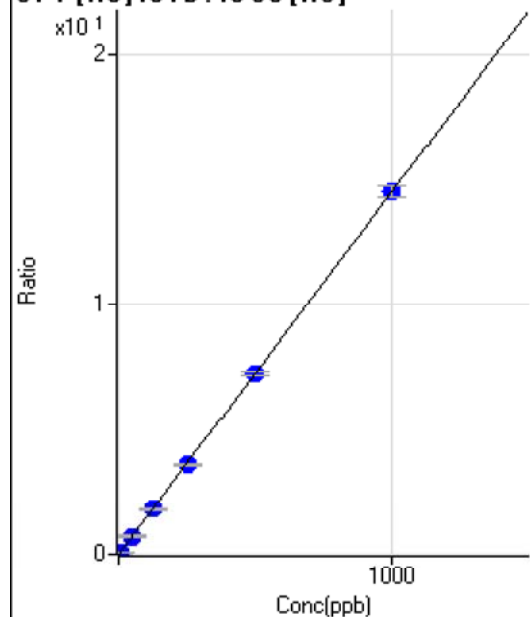
$$y = 1.7939E-004 * x + 2.4209E-005$$

$$R = 0.9999$$

$$DL = 0.0712$$

Weight: &lt;None&gt;

Min Conc: 0

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

|   | Rj<br>ct                 | Conc.    | Calc Conc. | CPS       | Ratio   | Det. | RSD  |
|---|--------------------------|----------|------------|-----------|---------|------|------|
| 1 | <input type="checkbox"/> | 0.000    | 0.000      | 5.56      | 0.0002  | P    | 34.7 |
| 2 | <input type="checkbox"/> | 0.500    |            |           |         |      |      |
| 3 | <input type="checkbox"/> | 5.000    | 4.937      | 2520.27   | 0.0718  | P    | 4.7  |
| 4 | <input type="checkbox"/> | 50.000   | 50.263     | 26872.64  | 0.7299  | P    | 1.3  |
| 5 | <input type="checkbox"/> | 125.000  | 125.619    | 66080.50  | 1.8240  | P    | 2.2  |
| 6 | <input type="checkbox"/> | 250.000  | 246.984    | 130561.56 | 3.5861  | P    | 2.5  |
| 7 | <input type="checkbox"/> | 500.000  | 499.183    | 260316.22 | 7.2478  | P    | 1.8  |
| 8 | <input type="checkbox"/> | 1000.000 | 1001.072   | 519516.54 | 14.5347 | P    | 3.3  |
| 9 | <input type="checkbox"/> |          |            | 227.79    | 0.0059  | P    | 9.6  |

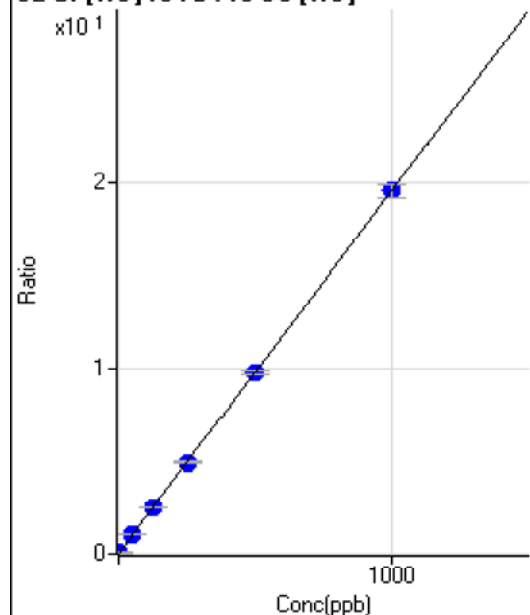
$$y = 0.0145 * x + 1.5881E-004$$

$$R = 1.0000$$

$$DL = 0.01139$$

Weight: &lt;None&gt;

Min Conc: 0

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

|   | R <sub>ct</sub>          | Conc.    | Calc Conc. | CPS       | Ratio   | Det. | RSD  |
|---|--------------------------|----------|------------|-----------|---------|------|------|
| 1 | <input type="checkbox"/> | 0.000    | 0.000      | 342.23    | 0.0098  | P    | 7.2  |
| 2 | <input type="checkbox"/> | 0.200    |            |           |         |      |      |
| 3 | <input type="checkbox"/> | 2.000    | 2.162      | 1820.15   | 0.0521  | P    | 11.8 |
| 4 | <input type="checkbox"/> | 50.000   | 50.407     | 36699.38  | 0.9969  | P    | 1.9  |
| 5 | <input type="checkbox"/> | 125.000  | 126.522    | 90102.95  | 2.4874  | P    | 2.8  |
| 6 | <input type="checkbox"/> | 250.000  | 249.408    | 178169.34 | 4.8938  | P    | 2.6  |
| 7 | <input type="checkbox"/> | 500.000  | 499.217    | 351473.68 | 9.7857  | P    | 1.7  |
| 8 | <input type="checkbox"/> | 1000.000 | 1000.328   | 700497.20 | 19.5986 | P    | 3.5  |
| 9 | <input type="checkbox"/> |          |            | 28738.60  | 0.7403  | P    | 1.4  |

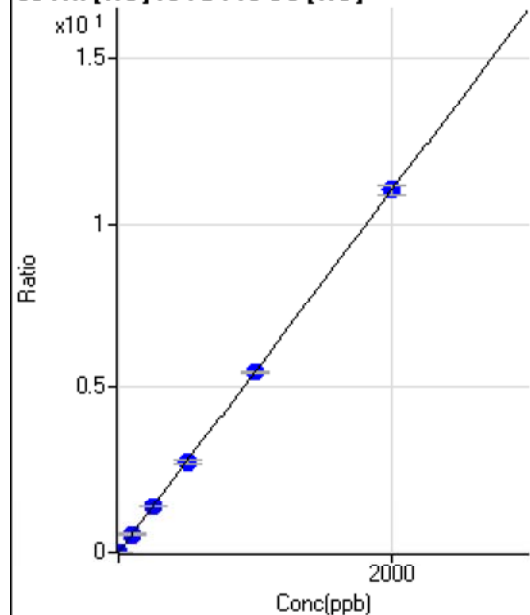
$$y = 0.0196 * x + 0.0098$$

$$R = 1.0000$$

$$DL = 0.1079$$

Weight: &lt;None&gt;

Min Conc: 0

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

|   | R <sub>ct</sub>          | Conc.    | Calc Conc. | CPS       | Ratio   | Det. | RSD  |
|---|--------------------------|----------|------------|-----------|---------|------|------|
| 1 | <input type="checkbox"/> | 0.000    | 0.000      | 130.00    | 0.0037  | P    | 21.7 |
| 2 | <input type="checkbox"/> | 0.100    |            |           |         |      |      |
| 3 | <input type="checkbox"/> | 1.000    | 0.988      | 318.90    | 0.0091  | P    | 15.0 |
| 4 | <input type="checkbox"/> | 100.000  | 99.911     | 20359.52  | 0.5530  | P    | 2.5  |
| 5 | <input type="checkbox"/> | 250.000  | 254.680    | 50865.67  | 1.4040  | P    | 1.6  |
| 6 | <input type="checkbox"/> | 500.000  | 498.467    | 99914.01  | 2.7443  | P    | 2.5  |
| 7 | <input type="checkbox"/> | 1000.000 | 993.900    | 196414.00 | 5.4683  | P    | 1.3  |
| 8 | <input type="checkbox"/> | 2000.000 | 2002.853   | 393773.11 | 11.0156 | P    | 2.8  |
| 9 | <input type="checkbox"/> |          |            | 2113.53   | 0.0545  | P    | 3.7  |

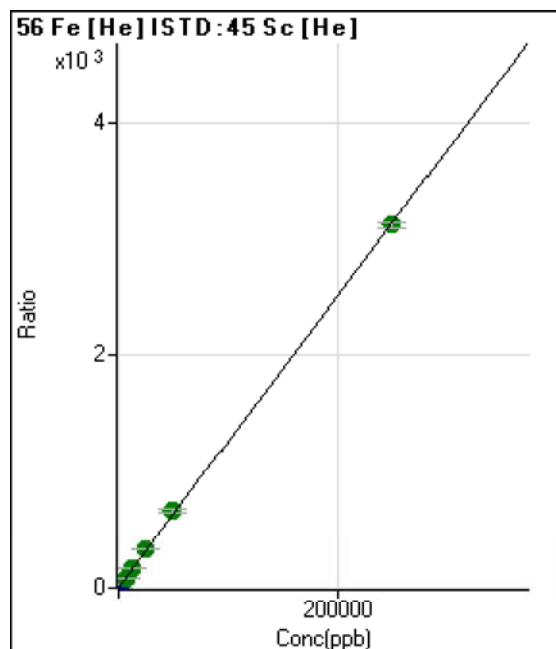
$$y = 0.0055 * x + 0.0037$$

$$R = 1.0000$$

$$DL = 0.4402$$

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      | 951.92      | 0.0272    | P    | 7.2 |
| 2 | <input type="checkbox"/> | 5.000     |            |             |           |      |     |
| 3 | <input type="checkbox"/> | 50.000    | 52.198     | 23820.82    | 0.6812    | P    | 9.2 |
| 4 | <input type="checkbox"/> | 2500.000  | 2658.639   | 1227419.24  | 33.3402   | P    | 0.1 |
| 5 | <input type="checkbox"/> | 6250.000  | 6780.635   | 3078987.68  | 84.9891   | A    | 2.0 |
| 6 | <input type="checkbox"/> | 12500.000 | 13214.928  | 6029579.13  | 165.6112  | A    | 2.4 |
| 7 | <input type="checkbox"/> | 25000.000 | 26425.549  | 11894468.67 | 331.1413  | A    | 1.1 |
| 8 | <input type="checkbox"/> | 50000.000 | 53036.361  | 23753202.15 | 664.5767  | A    | 3.5 |
| 9 | <input type="checkbox"/> | 250000.00 | 249199.57  | 121187192.5 | 3,122.516 | A    | 1.6 |

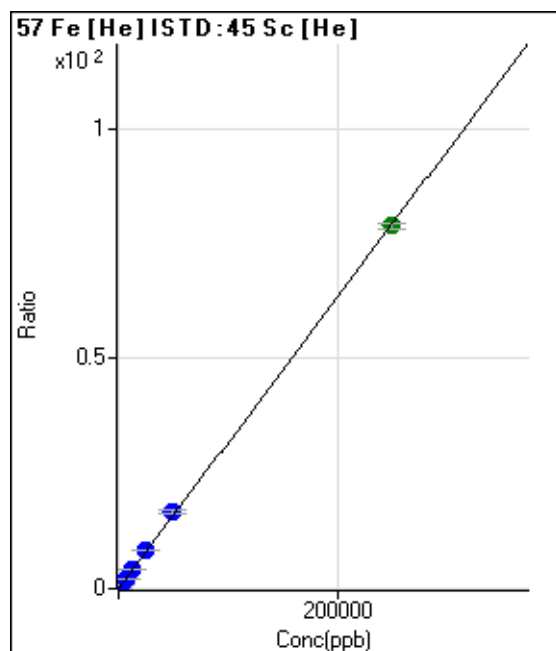
$$y = 0.0125 * x + 0.0272$$

$$R = 0.9999$$

$$DL = 0.4671$$

Weight: <None>

Min Conc: 0



|   | R <sub>ct</sub>          | Conc.     | Calc Conc. | CPS        | Ratio   | Det. | RSD  |
|---|--------------------------|-----------|------------|------------|---------|------|------|
| 1 | <input type="checkbox"/> | 0.000     | 0.000      | 25.93      | 0.0007  | P    | 43.7 |
| 2 | <input type="checkbox"/> | 5.000     |            |            |         |      |      |
| 3 | <input type="checkbox"/> | 50.000    | 49.435     | 574.10     | 0.0164  | P    | 5.6  |
| 4 | <input type="checkbox"/> | 2500.000  | 2648.477   | 30877.27   | 0.8387  | P    | 2.2  |
| 5 | <input type="checkbox"/> | 6250.000  | 6705.743   | 76902.25   | 2.1225  | P    | 1.1  |
| 6 | <input type="checkbox"/> | 12500.000 | 13154.953  | 151557.03  | 4.1630  | P    | 2.8  |
| 7 | <input type="checkbox"/> | 25000.000 | 26308.761  | 299003.56  | 8.3249  | P    | 1.9  |
| 8 | <input type="checkbox"/> | 50000.000 | 52809.776  | 597234.44  | 16.7099 | P    | 3.6  |
| 9 | <input type="checkbox"/> | 250000.00 | 249261.54  | 3060939.77 | 78.8679 | A    | 1.5  |

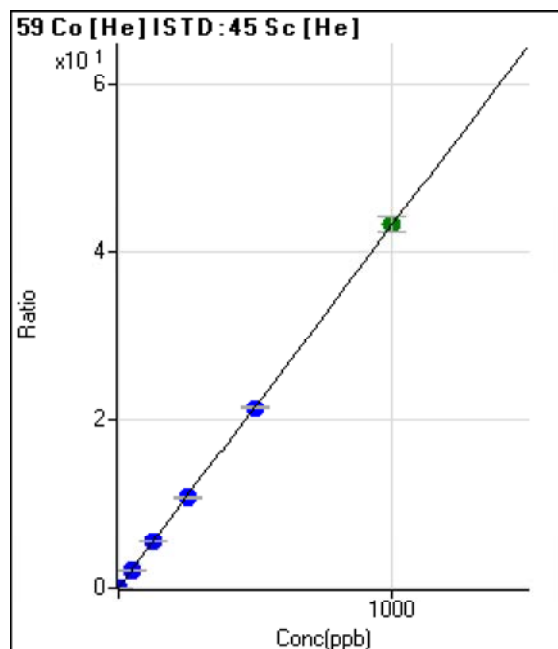
$$y = 3.1640E-004 * x + 7.3894E-004$$

$$R = 0.9999$$

$$DL = 3.06$$

Weight: <None>

Min Conc: 0



|   | Rj<br>ct                 | Conc.    | Calc Conc. | CPS        | Ratio   | Det | RSD  |
|---|--------------------------|----------|------------|------------|---------|-----|------|
| 1 | <input type="checkbox"/> | 0.000    | 0.000      | 58.89      | 0.0017  | P   | 17.6 |
| 2 | <input type="checkbox"/> | 0.100    |            |            |         |     |      |
| 3 | <input type="checkbox"/> | 1.000    | 0.961      | 1507.89    | 0.0430  | P   | 6.1  |
| 4 | <input type="checkbox"/> | 50.000   | 50.169     | 79529.70   | 2.1602  | P   | 0.8  |
| 5 | <input type="checkbox"/> | 125.000  | 126.033    | 196534.71  | 5.4244  | P   | 1.4  |
| 6 | <input type="checkbox"/> | 250.000  | 247.885    | 388364.81  | 10.6672 | P   | 2.5  |
| 7 | <input type="checkbox"/> | 500.000  | 495.494    | 765794.27  | 21.3207 | P   | 1.6  |
| 8 | <input type="checkbox"/> | 1000.000 | 1002.644   | 1541774.16 | 43.1414 | A   | 4.2  |
| 9 | <input type="checkbox"/> |          |            | 19263.55   | 0.4963  | P   | 1.2  |

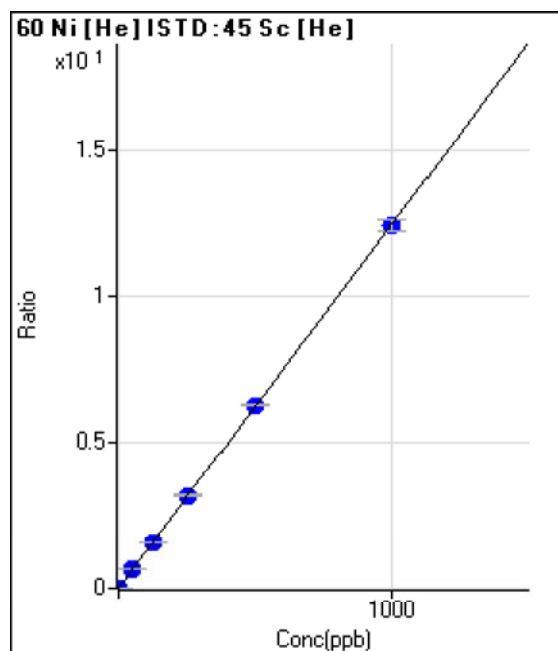
$$y = 0.0430 * x + 0.0017$$

$$R = 1.0000$$

$$DL = 0.02061$$

Weight: <None>

Min Conc: 0



|   | Rj<br>ct                 | Conc.    | Calc Conc. | CPS       | Ratio   | Det | RSD  |
|---|--------------------------|----------|------------|-----------|---------|-----|------|
| 1 | <input type="checkbox"/> | 0.000    | 0.000      | 173.34    | 0.0050  | P   | 8.2  |
| 2 | <input type="checkbox"/> | 0.100    |            |           |         |     |      |
| 3 | <input type="checkbox"/> | 1.000    | 1.257      | 718.92    | 0.0206  | P   | 10.4 |
| 4 | <input type="checkbox"/> | 50.000   | 51.092     | 23553.49  | 0.6398  | P   | 0.5  |
| 5 | <input type="checkbox"/> | 125.000  | 127.630    | 57629.92  | 1.5908  | P   | 2.1  |
| 6 | <input type="checkbox"/> | 250.000  | 253.944    | 115066.75 | 3.1602  | P   | 2.1  |
| 7 | <input type="checkbox"/> | 500.000  | 503.880    | 225056.16 | 6.2657  | P   | 1.4  |
| 8 | <input type="checkbox"/> | 1000.000 | 996.690    | 442841.21 | 12.3890 | P   | 3.1  |
| 9 | <input type="checkbox"/> |          |            | 14960.42  | 0.3855  | P   | 2.1  |

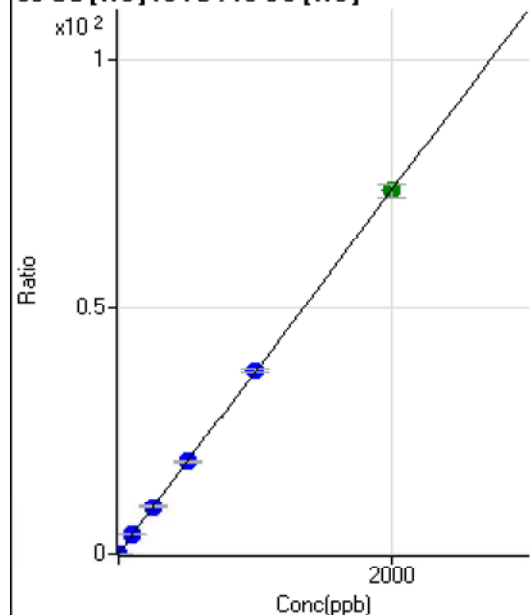
$$y = 0.0124 * x + 0.0050$$

$$R = 1.0000$$

$$DL = 0.09778$$

Weight: <None>

Min Conc: 0

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

|   | Rj<br>ct                 | Conc.    | Calc Conc. | CPS        | Ratio   | Det | RSD  |
|---|--------------------------|----------|------------|------------|---------|-----|------|
| 1 | <input type="checkbox"/> | 0.000    | 0.000      | 1346.76    | 0.0385  | P   | 10.0 |
| 2 | <input type="checkbox"/> | 0.200    |            |            |         |     |      |
| 3 | <input type="checkbox"/> | 2.000    | 1.821      | 3687.23    | 0.1054  | P   | 9.1  |
| 4 | <input type="checkbox"/> | 100.000  | 102.078    | 139552.18  | 3.7906  | P   | 0.5  |
| 5 | <input type="checkbox"/> | 250.000  | 256.721    | 343257.95  | 9.4750  | P   | 2.0  |
| 6 | <input type="checkbox"/> | 500.000  | 502.643    | 674063.90  | 18.5145 | P   | 2.5  |
| 7 | <input type="checkbox"/> | 1000.000 | 1002.531   | 1324976.52 | 36.8892 | P   | 1.6  |
| 8 | <input type="checkbox"/> | 2000.000 | 1997.130   | 2625237.72 | 73.4483 | A   | 3.5  |
| 9 | <input type="checkbox"/> |          |            | 7535.50    | 0.1941  | P   | 1.7  |

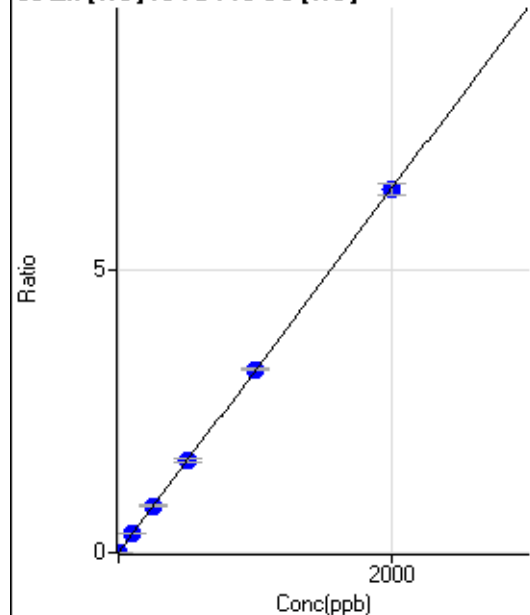
$$y = 0.0368 * x + 0.0385$$

$$R = 1.0000$$

$$DL = 0.3129$$

Weight: &lt;None&gt;

Min Conc: 0

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

|   | Rj<br>ct                 | Conc.    | Calc Conc. | CPS       | Ratio  | Det | RSD  |
|---|--------------------------|----------|------------|-----------|--------|-----|------|
| 1 | <input type="checkbox"/> | 0.000    | 0.000      | 110.00    | 0.0031 | P   | 16.0 |
| 2 | <input type="checkbox"/> | 0.200    |            |           |        |     |      |
| 3 | <input type="checkbox"/> | 2.000    | 1.651      | 294.46    | 0.0084 | P   | 12.3 |
| 4 | <input type="checkbox"/> | 100.000  | 100.434    | 11970.91  | 0.3252 | P   | 1.8  |
| 5 | <input type="checkbox"/> | 250.000  | 255.522    | 29794.39  | 0.8224 | P   | 2.0  |
| 6 | <input type="checkbox"/> | 500.000  | 506.037    | 59184.58  | 1.6256 | P   | 2.6  |
| 7 | <input type="checkbox"/> | 1000.000 | 1008.084   | 116202.48 | 3.2353 | P   | 1.8  |
| 8 | <input type="checkbox"/> | 2000.000 | 1993.737   | 228607.52 | 6.3956 | P   | 3.2  |
| 9 | <input type="checkbox"/> |          |            | 2309.12   | 0.0595 | P   | 4.0  |

$$y = 0.0032 * x + 0.0031$$

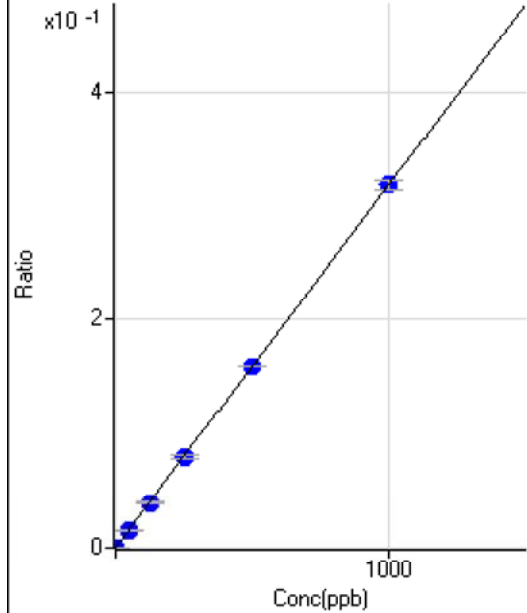
$$R = 1.0000$$

$$DL = 0.4695$$

Weight: &lt;None&gt;

Min Conc: 0



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

|   | Rj<br>ct                 | Conc.    | Calc Conc. | CPS      | Ratio  | Det | RSD  |
|---|--------------------------|----------|------------|----------|--------|-----|------|
| 1 | <input type="checkbox"/> | 0.000    | 0.000      | 5.56     | 0.0000 | P   | 57.3 |
| 2 | <input type="checkbox"/> | 0.100    |            |          |        |     |      |
| 3 | <input type="checkbox"/> | 1.000    | 0.896      | 76.54    | 0.0003 | P   | 7.5  |
| 4 | <input type="checkbox"/> | 50.000   | 48.462     | 4064.83  | 0.0154 | P   | 1.5  |
| 5 | <input type="checkbox"/> | 125.000  | 124.149    | 10256.35 | 0.0395 | P   | 3.0  |
| 6 | <input type="checkbox"/> | 250.000  | 249.783    | 20588.26 | 0.0795 | P   | 3.6  |
| 7 | <input type="checkbox"/> | 500.000  | 498.833    | 40759.31 | 0.1587 | P   | 0.8  |
| 8 | <input type="checkbox"/> | 1000.000 | 1000.821   | 80771.76 | 0.3184 | P   | 3.0  |
| 9 | <input type="checkbox"/> |          |            | 154.32   | 0.0006 | P   | 8.5  |

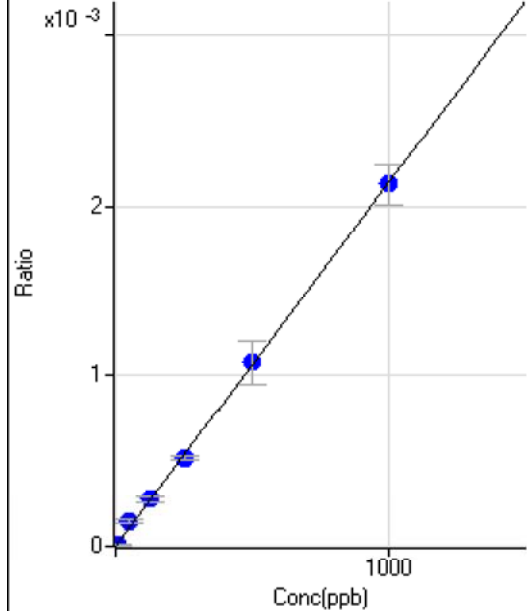
$$y = 3.1808\text{E-}004 * x + 2.1999\text{E-}005$$

$$R = 1.0000$$

$$DL = 0.1189$$

Weight: &lt;None&gt;

Min Conc: 0

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

|   | Rj<br>ct                 | Conc.    | Calc Conc. | CPS    | Ratio  | Det | RSD   |
|---|--------------------------|----------|------------|--------|--------|-----|-------|
| 1 | <input type="checkbox"/> | 0.000    | 0.000      | 0.00   | 0.0000 | P   |       |
| 2 | <input type="checkbox"/> | 0.500    |            |        |        |     |       |
| 3 | <input type="checkbox"/> | 5.000    | 4.008      | 2.22   | 0.0000 | P   | 86.6  |
| 4 | <input type="checkbox"/> | 50.000   | 67.294     | 37.78  | 0.0001 | P   | 18.5  |
| 5 | <input type="checkbox"/> | 125.000  | 130.739    | 72.22  | 0.0003 | P   | 12.6  |
| 6 | <input type="checkbox"/> | 250.000  | 243.268    | 134.45 | 0.0005 | P   | 5.0   |
| 7 | <input type="checkbox"/> | 500.000  | 505.404    | 276.67 | 0.0011 | P   | 24.7  |
| 8 | <input type="checkbox"/> | 1000.000 | 997.404    | 538.91 | 0.0021 | P   | 11.5  |
| 9 | <input type="checkbox"/> |          |            | 1.11   | 0.0000 | P   | 173.2 |

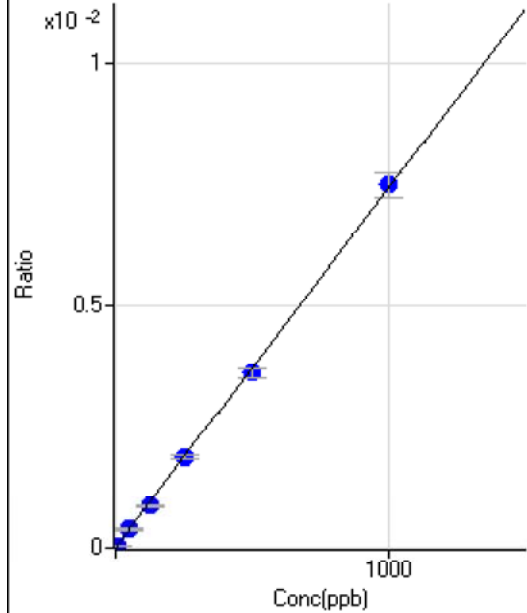
$$y = 2.1321\text{E-}006 * x + 0.0000\text{E+}000$$

$$R = 0.9998$$

$$DL = 0$$

Weight: &lt;None&gt;

Min Conc: 0

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

|   | Rj<br>ct                 | Conc.    | Calc Conc. | CPS     | Ratio  | Det. | RSD  |
|---|--------------------------|----------|------------|---------|--------|------|------|
| 1 | <input type="checkbox"/> | 0.000    | 0.000      | 0.00    | 0.0000 | P    |      |
| 2 | <input type="checkbox"/> | 0.500    |            |         |        |      |      |
| 3 | <input type="checkbox"/> | 5.000    | 6.463      | 11.73   | 0.0000 | P    | 47.0 |
| 4 | <input type="checkbox"/> | 50.000   | 50.803     | 99.38   | 0.0004 | P    | 11.6 |
| 5 | <input type="checkbox"/> | 125.000  | 115.192    | 222.23  | 0.0009 | P    | 1.4  |
| 6 | <input type="checkbox"/> | 250.000  | 250.505    | 482.11  | 0.0019 | P    | 4.7  |
| 7 | <input type="checkbox"/> | 500.000  | 484.589    | 924.73  | 0.0036 | P    | 4.9  |
| 8 | <input type="checkbox"/> | 1000.000 | 1008.757   | 1900.77 | 0.0075 | P    | 6.6  |
| 9 | <input type="checkbox"/> |          |            | 3.70    | 0.0000 | P    | 49.5 |

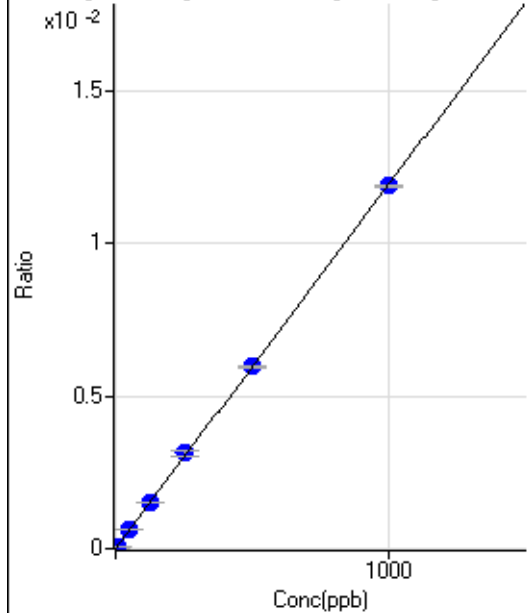
$$y = 7.4302\text{E-}006 * x + 0.0000\text{E}+000$$

$$R = 0.9998$$

$$DL = 0$$

Weight: &lt;None&gt;

Min Conc: 0

**82 Se [NoGas] ISTD:89 Y [NoGas]**

|   | Rj<br>ct                 | Conc.    | Calc Conc. | CPS       | Ratio  | Det. | RSD   |
|---|--------------------------|----------|------------|-----------|--------|------|-------|
| 1 | <input type="checkbox"/> | 0.000    | 0.000      | -18.57    | 0.0000 | P    | -386. |
| 2 | <input type="checkbox"/> | 0.500    |            |           |        |      |       |
| 3 | <input type="checkbox"/> | 5.000    | 4.552      | 474.63    | 0.0001 | P    | 5.3   |
| 4 | <input type="checkbox"/> | 50.000   | 52.562     | 5708.79   | 0.0006 | P    | 1.4   |
| 5 | <input type="checkbox"/> | 125.000  | 125.078    | 13904.53  | 0.0015 | P    | 1.3   |
| 6 | <input type="checkbox"/> | 250.000  | 262.021    | 28043.25  | 0.0031 | P    | 5.1   |
| 7 | <input type="checkbox"/> | 500.000  | 499.526    | 55576.60  | 0.0060 | P    | 2.0   |
| 8 | <input type="checkbox"/> | 1000.000 | 997.096    | 109810.35 | 0.0119 | P    | 0.3   |
| 9 | <input type="checkbox"/> |          |            | 87.90     | 0.0000 | P    | 45.8  |

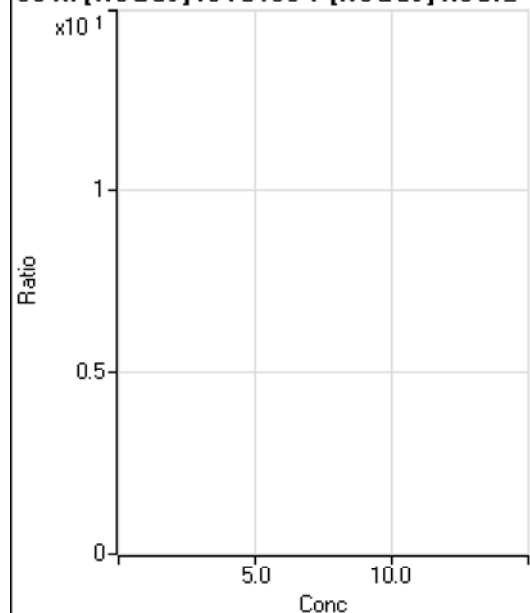
$$y = 1.1923\text{E-}005 * x - 2.1044\text{E-}006$$

$$R = 0.9999$$

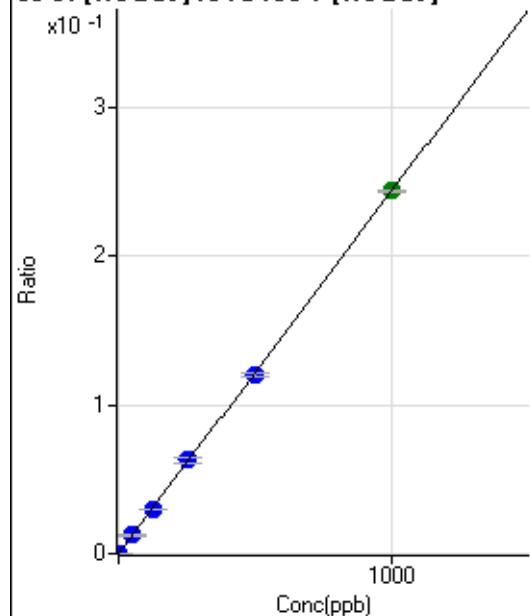
$$DL = 2.048$$

Weight: &lt;None&gt;

Min Conc: 0

**83 Kr [NoGas] ISTD:89 Y [NoGas] No av\_**

|   | Rj<br>ct                 | Conc. | Calc Conc. | CPS    | Ratio  | Det<br>. | RSD  |
|---|--------------------------|-------|------------|--------|--------|----------|------|
| 1 | <input type="checkbox"/> |       |            | 325.57 | 0.0000 | P        | 21.1 |
| 2 | <input type="checkbox"/> |       |            |        |        |          |      |
| 3 | <input type="checkbox"/> |       |            | 334.46 | 0.0000 | P        | 15.3 |
| 4 | <input type="checkbox"/> |       |            | 318.90 | 0.0000 | P        | 6.5  |
| 5 | <input type="checkbox"/> |       |            | 330.01 | 0.0000 | P        | 9.7  |
| 6 | <input type="checkbox"/> |       |            | 294.45 | 0.0000 | P        | 17.6 |
| 7 | <input type="checkbox"/> |       |            | 316.67 | 0.0000 | P        | 15.4 |
| 8 | <input type="checkbox"/> |       |            | 320.01 | 0.0000 | P        | 7.7  |
| 9 | <input type="checkbox"/> |       |            | 335.56 | 0.0000 | P        | 1.6  |

**86 Sr [NoGas] ISTD:89 Y [NoGas]**

|   | Rj<br>ct                 | Conc.    | Calc Conc. | CPS        | Ratio  | Det<br>. | RSD |
|---|--------------------------|----------|------------|------------|--------|----------|-----|
| 1 | <input type="checkbox"/> | 0.000    | 0.000      | 536.15     | 0.0001 | P        | 6.4 |
| 2 | <input type="checkbox"/> | 0.100    |            |            |        |          |     |
| 3 | <input type="checkbox"/> | 1.000    | 0.976      | 2705.95    | 0.0003 | P        | 4.0 |
| 4 | <input type="checkbox"/> | 50.000   | 50.561     | 112880.16  | 0.0124 | P        | 3.9 |
| 5 | <input type="checkbox"/> | 125.000  | 122.846    | 279495.40  | 0.0299 | P        | 1.3 |
| 6 | <input type="checkbox"/> | 250.000  | 257.833    | 563691.61  | 0.0628 | P        | 5.7 |
| 7 | <input type="checkbox"/> | 500.000  | 494.819    | 1123988.84 | 0.1204 | P        | 1.7 |
| 8 | <input type="checkbox"/> | 1000.000 | 1000.874   | 2249393.15 | 0.2435 | A        | 0.5 |
| 9 | <input type="checkbox"/> |          |            | 11522.00   | 0.0013 | P        | 3.2 |

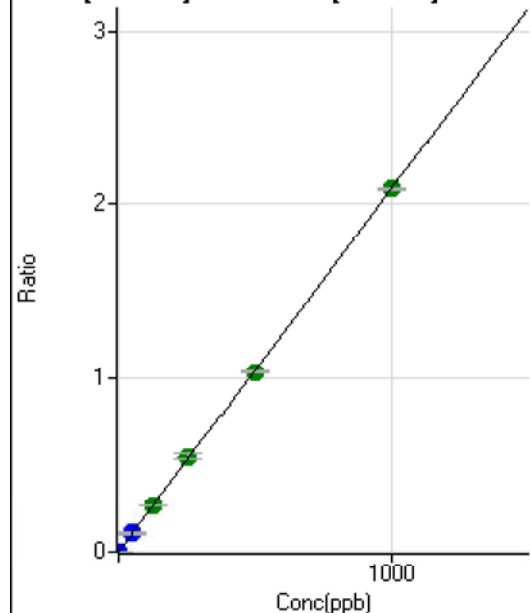
$$y = 2.4322E-004 * x + 6.0116E-005$$

$$R = 0.9999$$

$$DL = 0.04729$$

Weight: <None>

Min Conc: 0

**88 Sr [NoGas] ISTD:89 Y [NoGas]**

|   | Rj<br>ct                 | Conc.    | Calc Conc. | CPS         | Ratio  | Det | RSD  |
|---|--------------------------|----------|------------|-------------|--------|-----|------|
| 1 | <input type="checkbox"/> | 0.000    | 0.000      | 147.23      | 0.0000 | P   | 13.0 |
| 2 | <input type="checkbox"/> | 0.100    |            |             |        |     |      |
| 3 | <input type="checkbox"/> | 1.000    | 0.965      | 18463.27    | 0.0020 | P   | 1.3  |
| 4 | <input type="checkbox"/> | 50.000   | 50.969     | 971660.72   | 0.1064 | P   | 3.6  |
| 5 | <input type="checkbox"/> | 125.000  | 126.770    | 2469578.61  | 0.2645 | A   | 1.1  |
| 6 | <input type="checkbox"/> | 250.000  | 260.900    | 4888865.30  | 0.5444 | A   | 5.7  |
| 7 | <input type="checkbox"/> | 500.000  | 494.871    | 9638787.89  | 1.0326 | A   | 1.9  |
| 8 | <input type="checkbox"/> | 1000.000 | 999.570    | 19267533.07 | 2.0857 | A   | 0.6  |
| 9 | <input type="checkbox"/> |          |            | 95211.94    | 0.0107 | P   | 2.4  |

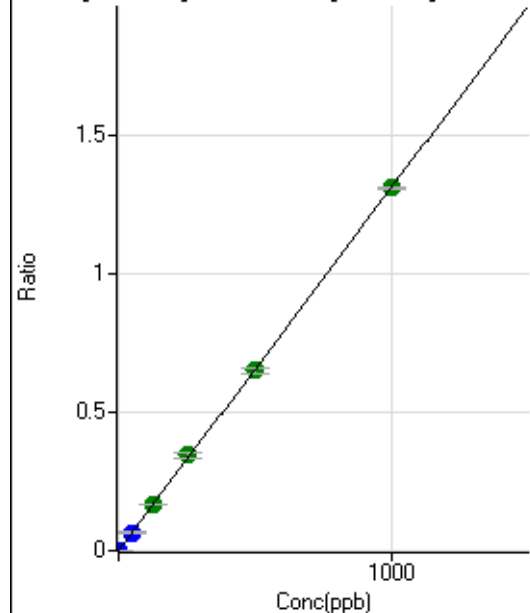
$$y = 0.0021 * x + 1.6507E-005$$

$$R = 0.9999$$

$$DL = 0.003089$$

Weight: &lt;None&gt;

Min Conc: 0

**90 Zr [NoGas] ISTD:89 Y [NoGas]**

|   | Rj<br>ct                 | Conc.    | Calc Conc. | CPS         | Ratio  | Det | RSD  |
|---|--------------------------|----------|------------|-------------|--------|-----|------|
| 1 | <input type="checkbox"/> | 0.000    | 0.000      | 819.51      | 0.0001 | P   | 12.5 |
| 2 | <input type="checkbox"/> | 0.100    |            |             |        |     |      |
| 3 | <input type="checkbox"/> | 1.000    | 0.873      | 11269.05    | 0.0012 | P   | 2.4  |
| 4 | <input type="checkbox"/> | 50.000   | 49.884     | 599544.14   | 0.0656 | P   | 4.7  |
| 5 | <input type="checkbox"/> | 125.000  | 125.511    | 1540700.72  | 0.1650 | A   | 0.8  |
| 6 | <input type="checkbox"/> | 250.000  | 262.701    | 3101735.66  | 0.3453 | A   | 5.1  |
| 7 | <input type="checkbox"/> | 500.000  | 495.638    | 6080356.43  | 0.6514 | A   | 2.6  |
| 8 | <input type="checkbox"/> | 1000.000 | 998.948    | 12128177.62 | 1.3129 | A   | 0.6  |
| 9 | <input type="checkbox"/> |          |            | 3464.49     | 0.0004 | P   | 7.9  |

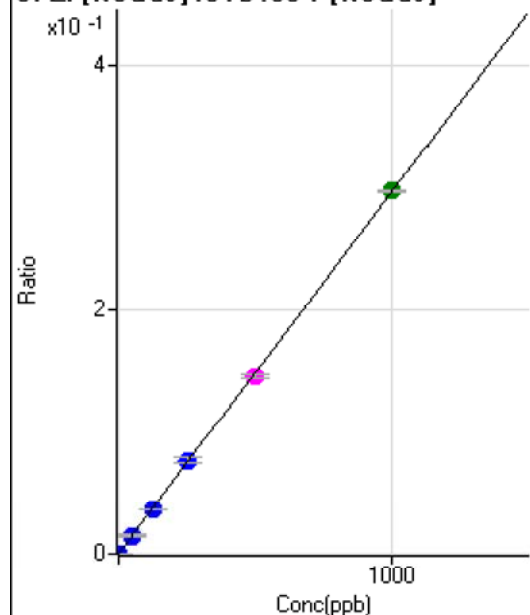
$$y = 0.0013 * x + 9.1910E-005$$

$$R = 0.9999$$

$$DL = 0.02629$$

Weight: &lt;None&gt;

Min Conc: 0

**91 Zr [NoGas] ISTD:89 Y [NoGas]**

|   | Rj<br>ct                 | Conc.    | Calc Conc. | CPS        | Ratio  | Det | RSD  |
|---|--------------------------|----------|------------|------------|--------|-----|------|
| 1 | <input type="checkbox"/> | 0.000    | 0.000      | 155.56     | 0.0000 | P   | 15.8 |
| 2 | <input type="checkbox"/> | 0.100    |            |            |        |     |      |
| 3 | <input type="checkbox"/> | 1.000    | 0.857      | 2461.45    | 0.0003 | P   | 5.0  |
| 4 | <input type="checkbox"/> | 50.000   | 49.429     | 133561.13  | 0.0146 | P   | 5.0  |
| 5 | <input type="checkbox"/> | 125.000  | 122.077    | 336977.19  | 0.0361 | P   | 0.7  |
| 6 | <input type="checkbox"/> | 250.000  | 257.002    | 682343.35  | 0.0760 | P   | 5.2  |
| 7 | <input type="checkbox"/> | 500.000  | 489.848    | 1351490.18 | 0.1448 | M   | 1.8  |
| 8 | <input type="checkbox"/> | 1000.000 | 1003.720   | 2740446.98 | 0.2966 | A   | 0.8  |
| 9 | <input type="checkbox"/> |          |            | 677.83     | 0.0001 | P   | 7.5  |

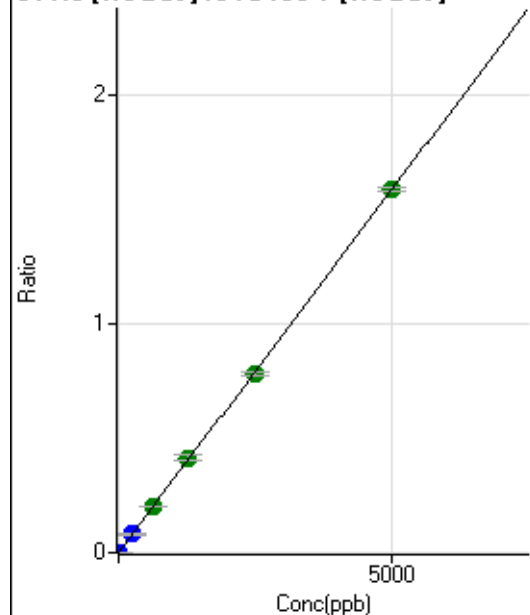
$$y = 2.9553\text{E-}004 * x + 1.7432\text{E-}005$$

$$R = 0.9999$$

$$DL = 0.02801$$

Weight: &lt;None&gt;

Min Conc: 0

**94 Mo [NoGas] ISTD:89 Y [NoGas]**

|   | Rj<br>ct                 | Conc.    | Calc Conc. | CPS         | Ratio  | Det | RSD  |
|---|--------------------------|----------|------------|-------------|--------|-----|------|
| 1 | <input type="checkbox"/> | 0.000    | 0.000      | 375.02      | 0.0000 | P   | 23.6 |
| 2 | <input type="checkbox"/> | 0.500    |            |             |        |     |      |
| 3 | <input type="checkbox"/> | 5.000    | 4.474      | 13259.82    | 0.0015 | P   | 3.2  |
| 4 | <input type="checkbox"/> | 250.000  | 253.535    | 733196.71   | 0.0803 | P   | 4.2  |
| 5 | <input type="checkbox"/> | 625.000  | 628.532    | 1857261.67  | 0.1989 | A   | 1.2  |
| 6 | <input type="checkbox"/> | 1250.000 | 1303.309   | 3704511.28  | 0.4125 | A   | 5.4  |
| 7 | <input type="checkbox"/> | 2500.000 | 2468.811   | 7293138.10  | 0.7813 | A   | 1.9  |
| 8 | <input type="checkbox"/> | 5000.000 | 5001.649   | 14622089.39 | 1.5828 | A   | 1.0  |
| 9 | <input type="checkbox"/> |          |            | 19203.27    | 0.0022 | P   | 8.6  |

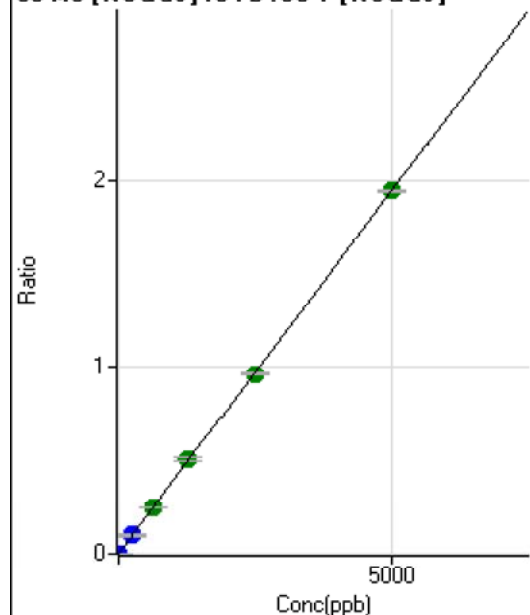
$$y = 3.1645\text{E-}004 * x + 4.2073\text{E-}005$$

$$R = 0.9999$$

$$DL = 0.09425$$

Weight: &lt;None&gt;

Min Conc: 0

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

|   | Rj<br>ct                 | Conc.    | Calc Conc. | CPS         | Ratio  | Det | RSD  |
|---|--------------------------|----------|------------|-------------|--------|-----|------|
| 1 | <input type="checkbox"/> | 0.000    | 0.000      | 133.34      | 0.0000 | P   | 12.4 |
| 2 | <input type="checkbox"/> | 0.500    |            |             |        |     |      |
| 3 | <input type="checkbox"/> | 5.000    | 4.430      | 15784.85    | 0.0017 | P   | 2.5  |
| 4 | <input type="checkbox"/> | 250.000  | 252.532    | 896033.04   | 0.0981 | P   | 3.8  |
| 5 | <input type="checkbox"/> | 625.000  | 627.939    | 2276959.73  | 0.2439 | A   | 0.3  |
| 6 | <input type="checkbox"/> | 1250.000 | 1306.341   | 4557654.10  | 0.5074 | A   | 4.9  |
| 7 | <input type="checkbox"/> | 2500.000 | 2466.816   | 8943926.24  | 0.9581 | A   | 1.0  |
| 8 | <input type="checkbox"/> | 5000.000 | 5002.013   | 17946485.12 | 1.9427 | A   | 0.5  |
| 9 | <input type="checkbox"/> |          |            | 29931.20    | 0.0034 | P   | 5.1  |

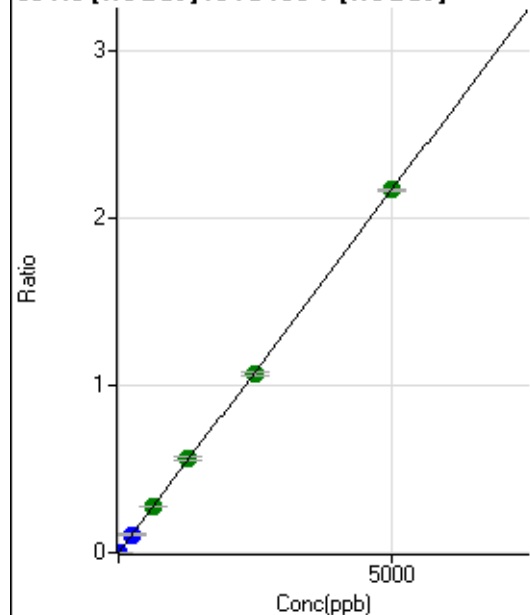
$$y = 3.8837\text{E-}004 * x + 1.4948\text{E-}005$$

$$R = 0.9999$$

$$DL = 0.01426$$

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      | 213.90      | 0.0000 | P   | 31.2 |
| 2 | <input type="checkbox"/> | 0.500    |            |             |        |     |      |
| 3 | <input type="checkbox"/> | 5.000    | 4.633      | 18513.42    | 0.0020 | P   | 1.0  |
| 4 | <input type="checkbox"/> | 250.000  | 250.749    | 994553.57   | 0.1089 | P   | 3.8  |
| 5 | <input type="checkbox"/> | 625.000  | 627.404    | 2542978.14  | 0.2724 | A   | 0.7  |
| 6 | <input type="checkbox"/> | 1250.000 | 1297.242   | 5058800.89  | 0.5632 | A   | 5.0  |
| 7 | <input type="checkbox"/> | 2500.000 | 2465.825   | 9992518.19  | 1.0705 | A   | 1.7  |
| 8 | <input type="checkbox"/> | 5000.000 | 5004.939   | 20071725.45 | 2.1727 | A   | 0.5  |
| 9 | <input type="checkbox"/> |          |            | 34439.28    | 0.0039 | P   | 1.4  |

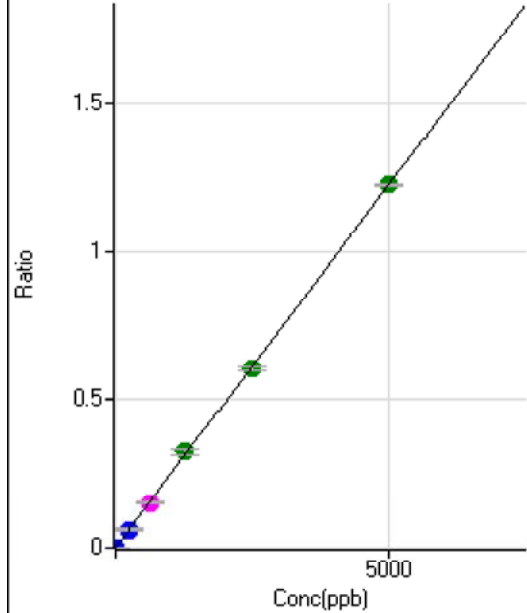
$$y = 4.3411\text{E-}004 * x + 2.3975\text{E-}005$$

$$R = 0.9999$$

$$DL = 0.05167$$

Weight: &lt;None&gt;

Min Conc: 0

**97 Mo [NoGas] ISTD : 89 Y [NoGas]**

|   | Rj<br>ct                 | Conc.    | Calc Conc. | CPS         | Ratio  | Det | RSD  |
|---|--------------------------|----------|------------|-------------|--------|-----|------|
| 1 | <input type="checkbox"/> | 0.000    | 0.000      | 83.34       | 0.0000 | P   | 26.8 |
| 2 | <input type="checkbox"/> | 0.500    |            |             |        |     |      |
| 3 | <input type="checkbox"/> | 5.000    | 4.593      | 10312.72    | 0.0011 | P   | 3.3  |
| 4 | <input type="checkbox"/> | 250.000  | 251.585    | 562558.81   | 0.0616 | P   | 4.0  |
| 5 | <input type="checkbox"/> | 625.000  | 622.054    | 1421568.17  | 0.1523 | M   | 0.9  |
| 6 | <input type="checkbox"/> | 1250.000 | 1312.644   | 2885977.04  | 0.3213 | A   | 5.1  |
| 7 | <input type="checkbox"/> | 2500.000 | 2462.973   | 5627296.00  | 0.6029 | A   | 2.3  |
| 8 | <input type="checkbox"/> | 5000.000 | 5003.142   | 11313011.45 | 1.2246 | A   | 0.4  |
| 9 | <input type="checkbox"/> |          |            | 18833.13    | 0.0021 | P   | 6.1  |

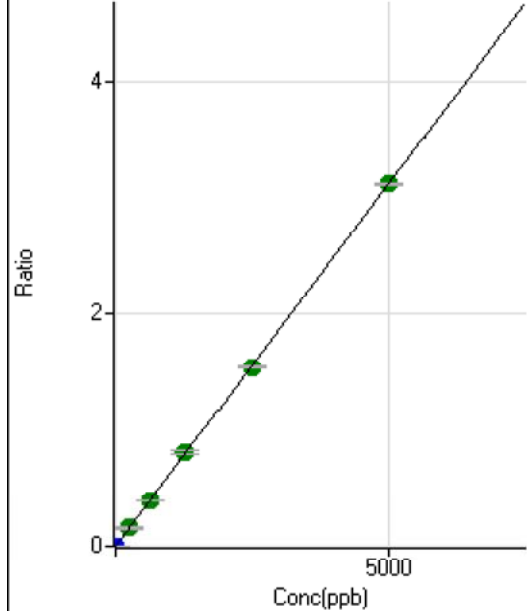
$$y = 2.4476E-004 * x + 9.3515E-006$$

$$R = 0.9999$$

$$DL = 0.03071$$

Weight: &lt;None&gt;

Min Conc: 0

**98 Mo [NoGas] ISTD : 89 Y [NoGas]**

|   | Rj<br>ct                 | Conc.    | Calc Conc. | CPS         | Ratio  | Det | RSD |
|---|--------------------------|----------|------------|-------------|--------|-----|-----|
| 1 | <input type="checkbox"/> | 0.000    | 0.000      | 175.01      | 0.0000 | P   | 8.7 |
| 2 | <input type="checkbox"/> | 0.500    |            |             |        |     |     |
| 3 | <input type="checkbox"/> | 5.000    | 4.610      | 26359.92    | 0.0029 | P   | 3.3 |
| 4 | <input type="checkbox"/> | 250.000  | 255.264    | 1456378.94  | 0.1594 | A   | 3.0 |
| 5 | <input type="checkbox"/> | 625.000  | 625.231    | 3644768.27  | 0.3904 | A   | 0.5 |
| 6 | <input type="checkbox"/> | 1250.000 | 1294.174   | 7258088.62  | 0.8081 | A   | 5.2 |
| 7 | <input type="checkbox"/> | 2500.000 | 2475.592   | 14429202.75 | 1.5457 | A   | 1.5 |
| 8 | <input type="checkbox"/> | 5000.000 | 5000.869   | 28845523.21 | 3.1225 | A   | 0.2 |
| 9 | <input type="checkbox"/> |          |            | 49042.53    | 0.0055 | P   | 4.6 |

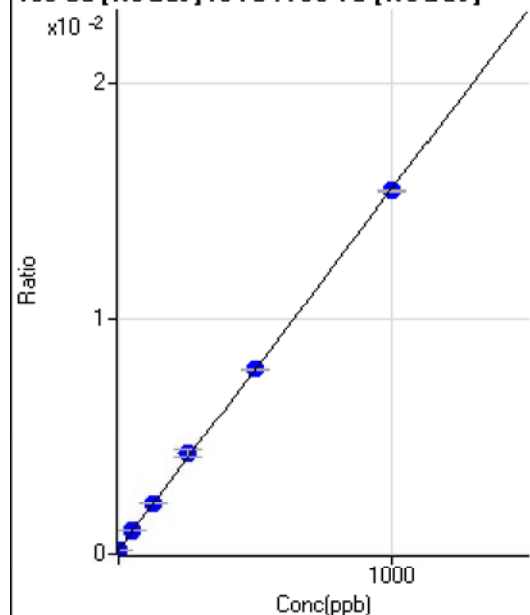
$$y = 6.2438E-004 * x + 1.9627E-005$$

$$R = 0.9999$$

$$DL = 0.008187$$

Weight: &lt;None&gt;

Min Conc: 0

**106 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      | 1875.22   | 0.0002 | P   | 3.6 |
| 2 | <input type="checkbox"/> | 0.100    |            |           |        |     |     |
| 3 | <input type="checkbox"/> | 1.000    | 2.211      | 2333.65   | 0.0002 | P   | 9.9 |
| 4 | <input type="checkbox"/> | 50.000   | 54.561     | 12378.41  | 0.0010 | P   | 3.0 |
| 5 | <input type="checkbox"/> | 125.000  | 129.753    | 27520.80  | 0.0021 | P   | 0.9 |
| 6 | <input type="checkbox"/> | 250.000  | 266.174    | 52104.55  | 0.0042 | P   | 6.5 |
| 7 | <input type="checkbox"/> | 500.000  | 499.640    | 101208.40 | 0.0078 | P   | 0.8 |
| 8 | <input type="checkbox"/> | 1000.000 | 995.313    | 198104.43 | 0.0154 | P   | 0.7 |
| 9 | <input type="checkbox"/> |          |            | 2136.38   | 0.0002 | P   | 5.4 |

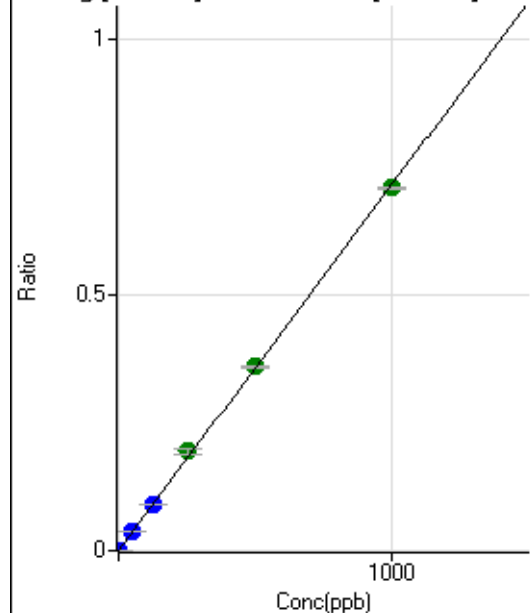
$$y = 1.5340\text{E-}005 * x + 1.5480\text{E-}004$$

$$R = 0.9999$$

$$DL = 1.076$$

Weight: &lt;None&gt;

Min Conc: 0

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

|   | Rj<br>ct                 | Conc.    | Calc Conc. | CPS        | Ratio  | Det | RSD  |
|---|--------------------------|----------|------------|------------|--------|-----|------|
| 1 | <input type="checkbox"/> | 0.000    | 0.000      | 69.45      | 0.0000 | P   | 37.0 |
| 2 | <input type="checkbox"/> | 0.100    |            |            |        |     |      |
| 3 | <input type="checkbox"/> | 1.000    | 0.982      | 8742.13    | 0.0007 | P   | 3.4  |
| 4 | <input type="checkbox"/> | 50.000   | 52.389     | 466618.17  | 0.0374 | P   | 2.5  |
| 5 | <input type="checkbox"/> | 125.000  | 127.301    | 1165376.51 | 0.0908 | P   | 1.1  |
| 6 | <input type="checkbox"/> | 250.000  | 272.026    | 2387939.40 | 0.1941 | A   | 5.0  |
| 7 | <input type="checkbox"/> | 500.000  | 503.512    | 4650358.57 | 0.3593 | A   | 1.5  |
| 8 | <input type="checkbox"/> | 1000.000 | 992.330    | 9095553.59 | 0.7081 | A   | 0.7  |
| 9 | <input type="checkbox"/> |          |            | 936.19     | 0.0001 | P   | 8.6  |

$$y = 7.1360\text{E-}004 * x + 5.7374\text{E-}006$$

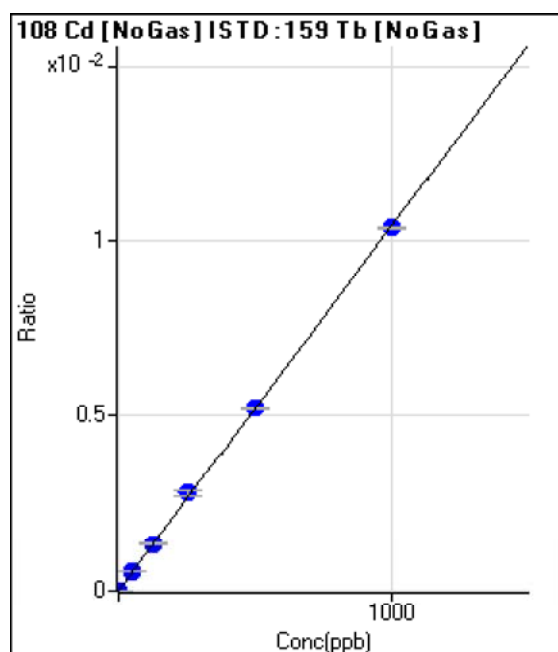
$$R = 0.9997$$

$$DL = 0.008925$$

Weight: &lt;None&gt;

Min Conc: 0





|   | Rj<br>ct                 | Conc.    | Calc Conc. | CPS       | Ratio  | Det | RSD  |
|---|--------------------------|----------|------------|-----------|--------|-----|------|
| 1 | <input type="checkbox"/> | 0.000    | 0.000      | 5.55      | 0.0000 | P   | 86.6 |
| 2 | <input type="checkbox"/> | 0.100    |            |           |        |     |      |
| 3 | <input type="checkbox"/> | 1.000    | 0.967      | 130.56    | 0.0000 | P   | 19.5 |
| 4 | <input type="checkbox"/> | 50.000   | 52.548     | 6851.90   | 0.0005 | P   | 1.7  |
| 5 | <input type="checkbox"/> | 125.000  | 128.559    | 17219.64  | 0.0013 | P   | 1.4  |
| 6 | <input type="checkbox"/> | 250.000  | 266.665    | 34243.79  | 0.0028 | P   | 5.0  |
| 7 | <input type="checkbox"/> | 500.000  | 500.692    | 67643.65  | 0.0052 | P   | 1.1  |
| 8 | <input type="checkbox"/> | 1000.000 | 994.916    | 133386.02 | 0.0104 | P   | 0.6  |
| 9 | <input type="checkbox"/> |          |            | 61.11     | 0.0000 | P   | 28.1 |

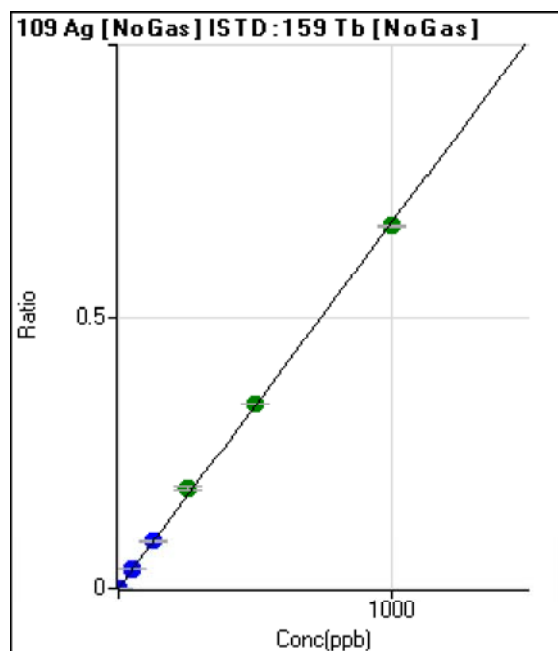
$$y = 1.0437\text{E-}005 * x + 4.5720\text{E-}007$$

$$R = 0.9998$$

$$DL = 0.1138$$

Weight: <None>

Min Conc: 0



|   | Rj<br>ct                 | Conc.    | Calc Conc. | CPS        | Ratio  | Det | RSD  |
|---|--------------------------|----------|------------|------------|--------|-----|------|
| 1 | <input type="checkbox"/> | 0.000    | 0.000      | 36.11      | 0.0000 | P   | 73.9 |
| 2 | <input type="checkbox"/> | 0.100    |            |            |        |     |      |
| 3 | <input type="checkbox"/> | 1.000    | 1.028      | 8600.38    | 0.0007 | P   | 3.9  |
| 4 | <input type="checkbox"/> | 50.000   | 53.232     | 447222.31  | 0.0358 | P   | 2.3  |
| 5 | <input type="checkbox"/> | 125.000  | 129.650    | 1119498.83 | 0.0873 | P   | 1.9  |
| 6 | <input type="checkbox"/> | 250.000  | 272.245    | 2255049.47 | 0.1833 | A   | 4.2  |
| 7 | <input type="checkbox"/> | 500.000  | 504.711    | 4397538.60 | 0.3397 | A   | 0.7  |
| 8 | <input type="checkbox"/> | 1000.000 | 991.341    | 8571461.73 | 0.6673 | A   | 0.4  |
| 9 | <input type="checkbox"/> |          |            | 983.42     | 0.0001 | P   | 2.9  |

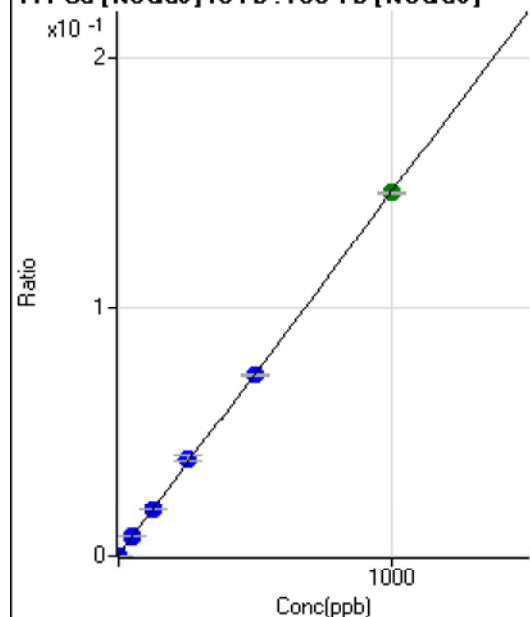
$$y = 6.7314\text{E-}004 * x + 2.9778\text{E-}006$$

$$R = 0.9997$$

$$DL = 0.009806$$

Weight: <None>

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      | 1319.88    | 0.0001 | P   | 4.4 |
| 2 | <input type="checkbox"/> | 0.100    |            |            |        |     |     |
| 3 | <input type="checkbox"/> | 1.000    | 0.996      | 3147.85    | 0.0003 | P   | 8.6 |
| 4 | <input type="checkbox"/> | 50.000   | 51.935     | 96043.90   | 0.0077 | P   | 2.8 |
| 5 | <input type="checkbox"/> | 125.000  | 126.881    | 239180.58  | 0.0186 | P   | 1.5 |
| 6 | <input type="checkbox"/> | 250.000  | 265.397    | 478264.45  | 0.0389 | P   | 5.2 |
| 7 | <input type="checkbox"/> | 500.000  | 496.085    | 939465.69  | 0.0726 | P   | 1.0 |
| 8 | <input type="checkbox"/> | 1000.000 | 997.776    | 1873781.30 | 0.1459 | A   | 0.5 |
| 9 | <input type="checkbox"/> |          |            | 1917.99    | 0.0002 | P   | 5.7 |

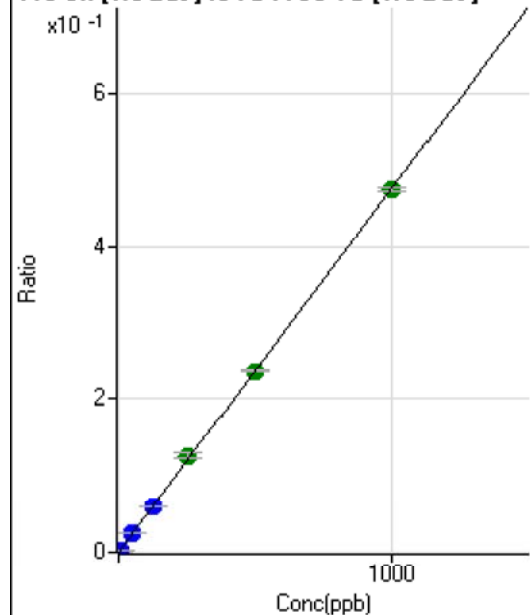
$$y = 1.4610E-004 * x + 1.0896E-004$$

$$R = 0.9999$$

$$DL = 0.09941$$

Weight: &lt;None&gt;

Min Conc: 0

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

|   | Rj<br>ct                 | Conc.    | Calc Conc. | CPS        | Ratio  | Det | RSD  |
|---|--------------------------|----------|------------|------------|--------|-----|------|
| 1 | <input type="checkbox"/> | 0.000    | 0.000      | 1505.73    | 0.0001 | P   | 12.2 |
| 2 | <input type="checkbox"/> | 0.500    |            |            |        |     |      |
| 3 | <input type="checkbox"/> | 5.000    | 4.645      | 28887.85   | 0.0023 | P   | 2.3  |
| 4 | <input type="checkbox"/> | 50.000   | 51.516     | 307428.17  | 0.0246 | P   | 2.6  |
| 5 | <input type="checkbox"/> | 125.000  | 125.440    | 767214.45  | 0.0598 | P   | 1.0  |
| 6 | <input type="checkbox"/> | 250.000  | 265.137    | 1552561.34 | 0.1263 | A   | 6.4  |
| 7 | <input type="checkbox"/> | 500.000  | 498.429    | 3070966.65 | 0.2373 | A   | 1.1  |
| 8 | <input type="checkbox"/> | 1000.000 | 996.872    | 6093668.84 | 0.4744 | A   | 1.1  |
| 9 | <input type="checkbox"/> |          |            | 25244.13   | 0.0021 | P   | 6.2  |

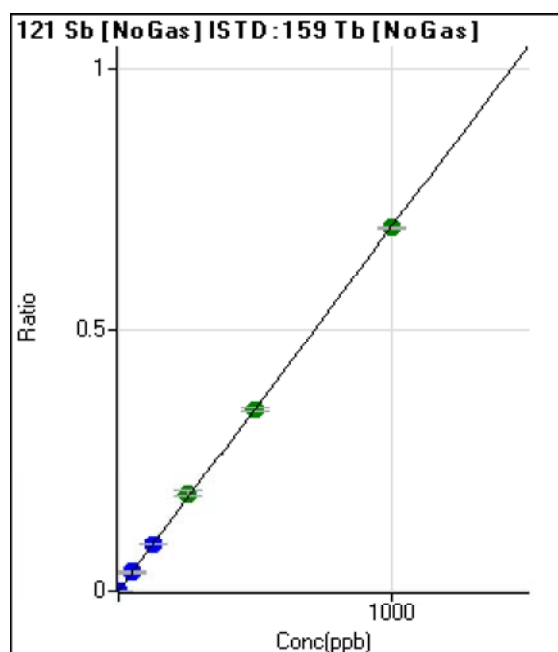
$$y = 4.7579E-004 * x + 1.2433E-004$$

$$R = 0.9999$$

$$DL = 0.09579$$

Weight: &lt;None&gt;

Min Conc: 0



|   | Rj<br>ct                 | Conc.    | Calc Conc. | CPS        | Ratio  | Det | RSD  |
|---|--------------------------|----------|------------|------------|--------|-----|------|
| 1 | <input type="checkbox"/> | 0.000    | 0.000      | 86.11      | 0.0000 | P   | 14.7 |
| 2 | <input type="checkbox"/> | 0.200    |            |            |        |     |      |
| 3 | <input type="checkbox"/> | 2.000    | 1.887      | 16313.30   | 0.0013 | P   | 0.5  |
| 4 | <input type="checkbox"/> | 50.000   | 50.527     | 438068.59  | 0.0351 | P   | 3.1  |
| 5 | <input type="checkbox"/> | 125.000  | 125.208    | 1115793.60 | 0.0870 | P   | 1.4  |
| 6 | <input type="checkbox"/> | 250.000  | 266.254    | 2274569.54 | 0.1850 | A   | 5.8  |
| 7 | <input type="checkbox"/> | 500.000  | 496.876    | 4467081.39 | 0.3452 | A   | 2.0  |
| 8 | <input type="checkbox"/> | 1000.000 | 997.446    | 8899729.10 | 0.6929 | A   | 0.8  |
| 9 | <input type="checkbox"/> |          |            | 22464.23   | 0.0018 | P   | 5.4  |

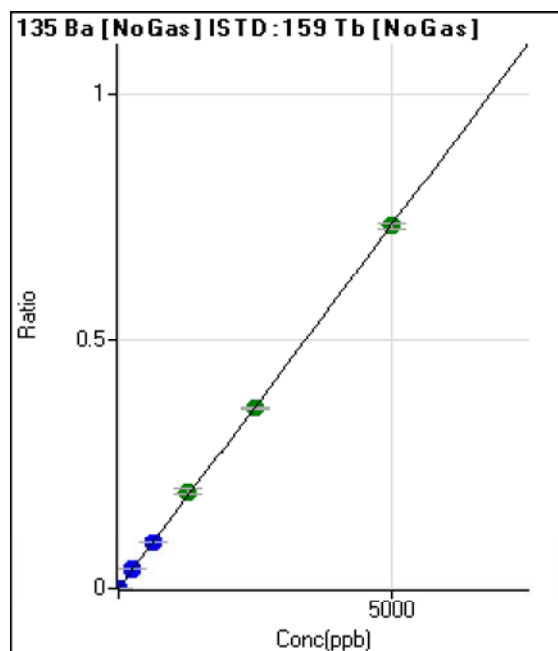
$$y = 6.9465E-004 * x + 7.1077E-006$$

$$R = 0.9998$$

$$DL = 0.004519$$

Weight: <None>

Min Conc: 0



|   | Rj<br>ct                 | Conc.    | Calc Conc. | CPS        | Ratio  | Det | RSD  |
|---|--------------------------|----------|------------|------------|--------|-----|------|
| 1 | <input type="checkbox"/> | 0.000    | 0.000      | 47.22      | 0.0000 | P   | 10.4 |
| 2 | <input type="checkbox"/> | 1.000    |            |            |        |     |      |
| 3 | <input type="checkbox"/> | 10.000   | 9.165      | 16733.49   | 0.0014 | P   | 2.1  |
| 4 | <input type="checkbox"/> | 250.000  | 255.593    | 469242.10  | 0.0376 | P   | 3.1  |
| 5 | <input type="checkbox"/> | 625.000  | 629.077    | 1187166.75 | 0.0925 | P   | 1.8  |
| 6 | <input type="checkbox"/> | 1250.000 | 1330.135   | 2406538.68 | 0.1957 | A   | 5.7  |
| 7 | <input type="checkbox"/> | 2500.000 | 2480.174   | 4722357.05 | 0.3649 | A   | 1.4  |
| 8 | <input type="checkbox"/> | 5000.000 | 4989.092   | 9427305.59 | 0.7340 | A   | 1.3  |
| 9 | <input type="checkbox"/> |          |            | 1716.86    | 0.0001 | P   | 10.0 |

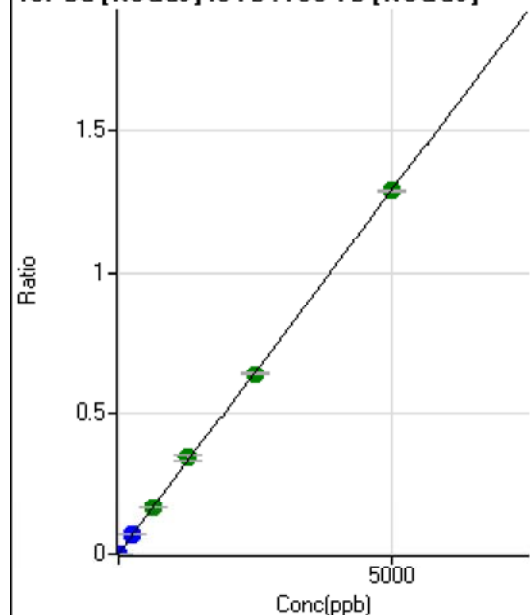
$$y = 1.4711E-004 * x + 3.8984E-006$$

$$R = 0.9998$$

$$DL = 0.008234$$

Weight: <None>

Min Conc: 0

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

|   | Rj<br>ct                 | Conc.    | Calc Conc. | CPS         | Ratio  | Det<br>. | RSD  |
|---|--------------------------|----------|------------|-------------|--------|----------|------|
| 1 | <input type="checkbox"/> | 0.000    | 0.000      | 80.56       | 0.0000 | P        | 16.1 |
| 2 | <input type="checkbox"/> | 1.000    |            |             |        |          |      |
| 3 | <input type="checkbox"/> | 10.000   | 9.196      | 29414.22    | 0.0024 | P        | 2.2  |
| 4 | <input type="checkbox"/> | 250.000  | 258.136    | 830420.67   | 0.0665 | P        | 2.7  |
| 5 | <input type="checkbox"/> | 625.000  | 635.478    | 2101231.65  | 0.1638 | A        | 1.9  |
| 6 | <input type="checkbox"/> | 1250.000 | 1316.749   | 4174160.16  | 0.3394 | A        | 5.8  |
| 7 | <input type="checkbox"/> | 2500.000 | 2469.994   | 8240470.50  | 0.6367 | A        | 1.3  |
| 8 | <input type="checkbox"/> | 5000.000 | 4996.601   | 16543081.97 | 1.2880 | A        | 0.8  |
| 9 | <input type="checkbox"/> |          |            | 3017.20     | 0.0002 | P        | 1.5  |

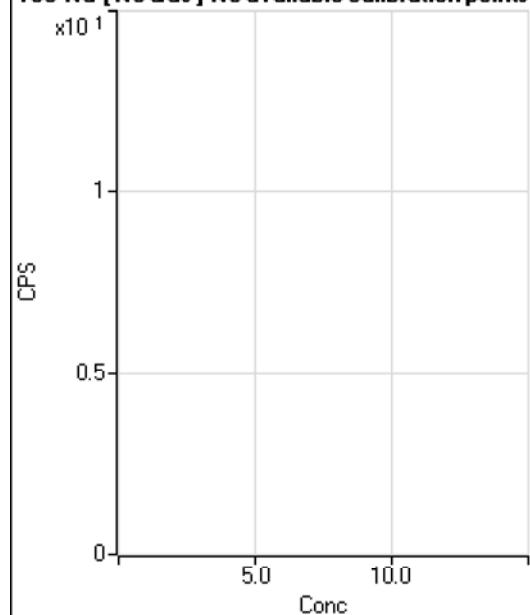
$$y = 2.5777\text{E-}004 * x + 6.6517\text{E-}006$$

$$R = 0.9999$$

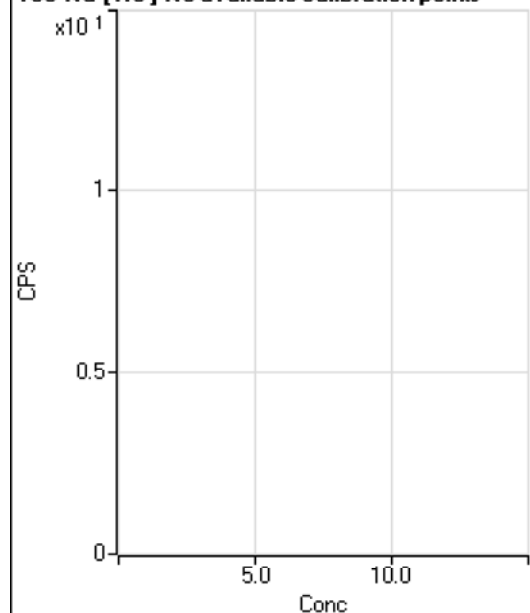
$$DL = 0.01247$$

Weight: &lt;None&gt;

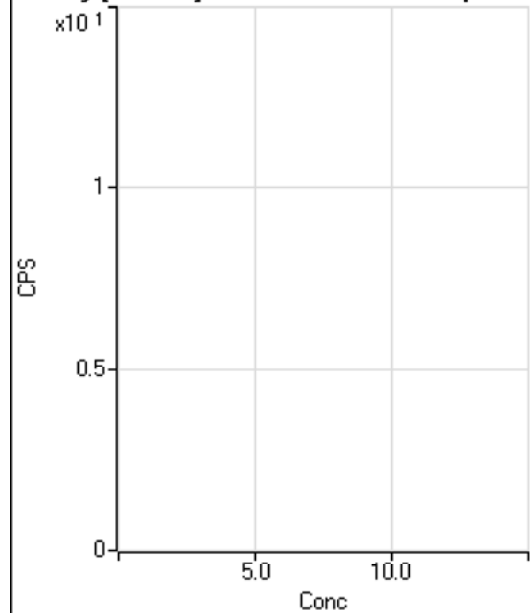
Min Conc: 0

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

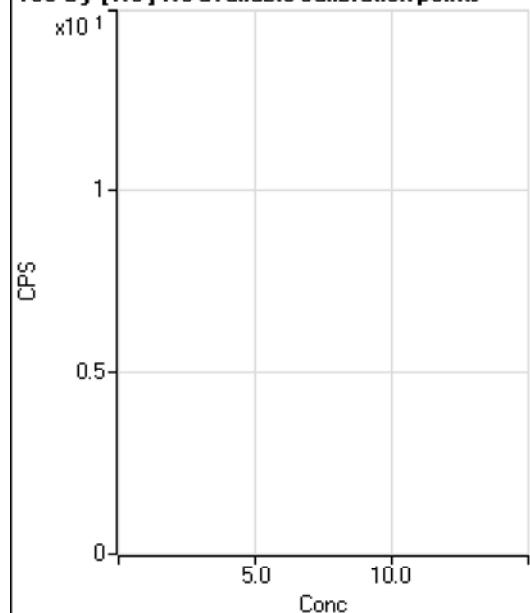
|   | Rj<br>ct                 | Conc. | Calc Conc. | CPS    | Ratio | Det<br>. | RSD   |
|---|--------------------------|-------|------------|--------|-------|----------|-------|
| 1 | <input type="checkbox"/> |       |            | 8.89   |       | P        | 114.5 |
| 2 | <input type="checkbox"/> |       |            |        |       |          |       |
| 3 | <input type="checkbox"/> |       |            | 8.89   |       | P        | 173.2 |
| 4 | <input type="checkbox"/> |       |            | 24.45  |       | P        | 15.8  |
| 5 | <input type="checkbox"/> |       |            | 48.89  |       | P        | 7.9   |
| 6 | <input type="checkbox"/> |       |            | 115.56 |       | P        | 8.8   |
| 7 | <input type="checkbox"/> |       |            | 277.80 |       | P        | 8.4   |
| 8 | <input type="checkbox"/> |       |            | 375.58 |       | P        | 14.9  |
| 9 | <input type="checkbox"/> |       |            | 113.34 |       | P        | 32.7  |

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

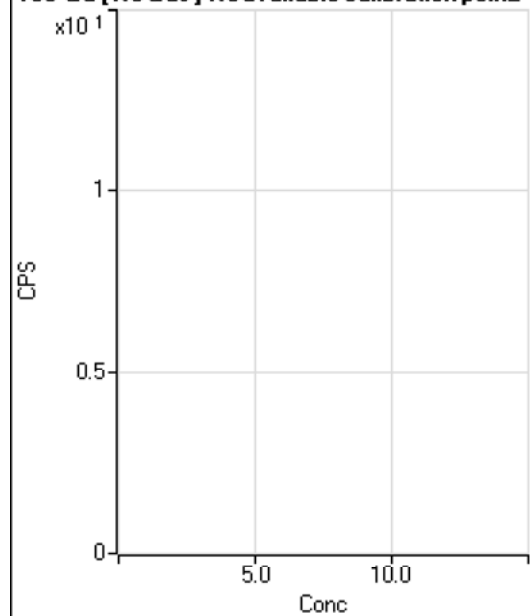
|   | Rj<br>ct                 | Conc. | Calc Conc. | CPS   | Ratio | Det<br>. | RSD   |
|---|--------------------------|-------|------------|-------|-------|----------|-------|
| 1 | <input type="checkbox"/> |       |            | 0.00  |       | P        |       |
| 2 | <input type="checkbox"/> |       |            |       |       |          |       |
| 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"/> |       |            | 1.11  |       | P        | 173.2 |
| 7 | <input type="checkbox"/> |       |            | 3.33  |       | P        | 173.2 |
| 8 | <input type="checkbox"/> |       |            | 8.89  |       | P        | 57.3  |
| 9 | <input type="checkbox"/> |       |            | 10.00 |       | P        | 57.7  |

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

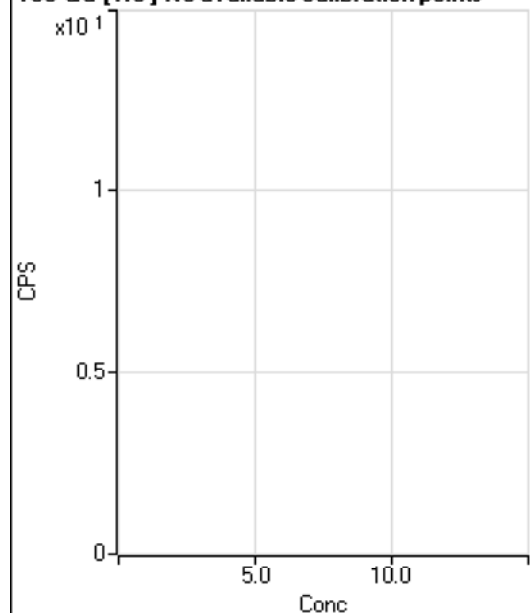
|   | Rj<br>ct                 | Conc. | Calc Conc. | CPS    | Ratio | Det<br>. | RSD  |
|---|--------------------------|-------|------------|--------|-------|----------|------|
| 1 | <input type="checkbox"/> |       |            | 13.89  |       | P        | 34.7 |
| 2 | <input type="checkbox"/> |       |            |        |       |          |      |
| 3 | <input type="checkbox"/> |       |            | 33.33  |       | P        | 66.2 |
| 4 | <input type="checkbox"/> |       |            | 19.44  |       | P        | 49.5 |
| 5 | <input type="checkbox"/> |       |            | 25.00  |       | P        | 88.2 |
| 6 | <input type="checkbox"/> |       |            | 55.56  |       | P        | 22.9 |
| 7 | <input type="checkbox"/> |       |            | 72.23  |       | P        | 17.6 |
| 8 | <input type="checkbox"/> |       |            | 119.45 |       | P        | 4.0  |
| 9 | <input type="checkbox"/> |       |            | 119.45 |       | P        | 24.5 |

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

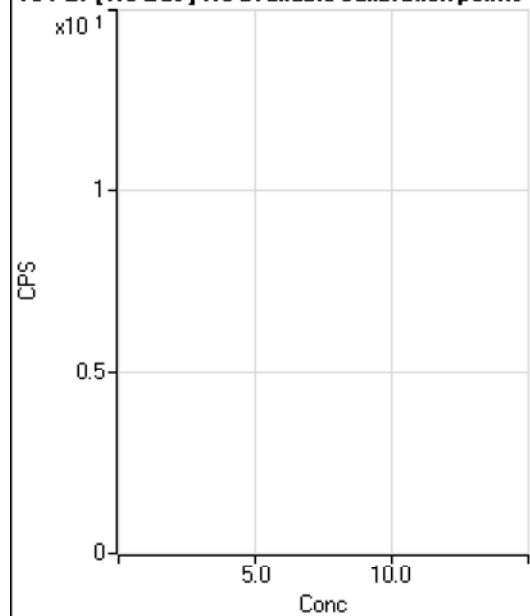
|   | Rj<br>ct                 | Conc. | Calc Conc. | CPS   | Ratio | Det<br>. | RSD   |
|---|--------------------------|-------|------------|-------|-------|----------|-------|
| 1 | <input type="checkbox"/> |       |            | 5.56  |       | P        | 34.7  |
| 2 | <input type="checkbox"/> |       |            |       |       |          |       |
| 3 | <input type="checkbox"/> |       |            | 1.11  |       | P        | 173.2 |
| 4 | <input type="checkbox"/> |       |            | 1.11  |       | P        | 173.2 |
| 5 | <input type="checkbox"/> |       |            | 1.11  |       | P        | 173.2 |
| 6 | <input type="checkbox"/> |       |            | 3.33  |       | P        | 173.2 |
| 7 | <input type="checkbox"/> |       |            | 7.78  |       | P        | 107.8 |
| 8 | <input type="checkbox"/> |       |            | 5.55  |       | P        | 124.9 |
| 9 | <input type="checkbox"/> |       |            | 14.44 |       | P        | 58.1  |

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

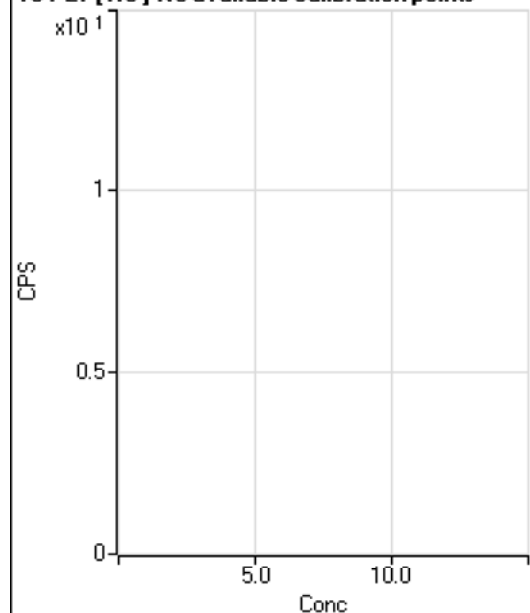
|   | Rj<br>ct                 | Conc. | Calc Conc. | CPS    | Ratio | Det<br>. | RSD  |
|---|--------------------------|-------|------------|--------|-------|----------|------|
| 1 | <input type="checkbox"/> |       |            | 61.11  |       | P        | 28.4 |
| 2 | <input type="checkbox"/> |       |            |        |       |          |      |
| 3 | <input type="checkbox"/> |       |            | 63.89  |       | P        | 30.1 |
| 4 | <input type="checkbox"/> |       |            | 38.89  |       | P        | 65.5 |
| 5 | <input type="checkbox"/> |       |            | 86.11  |       | P        | 31.1 |
| 6 | <input type="checkbox"/> |       |            | 69.45  |       | P        | 54.1 |
| 7 | <input type="checkbox"/> |       |            | 116.68 |       | P        | 18.9 |
| 8 | <input type="checkbox"/> |       |            | 86.11  |       | P        | 22.4 |
| 9 | <input type="checkbox"/> |       |            | 113.89 |       | P        | 15.2 |

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

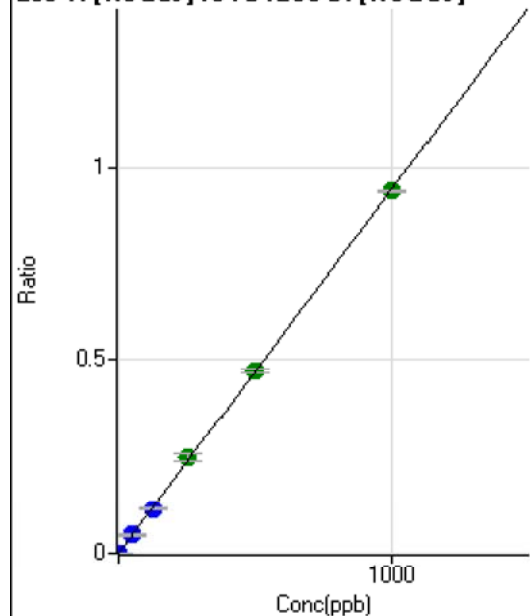
|   | Rj<br>ct                 | Conc. | Calc Conc. | CPS   | Ratio | Det<br>. | RSD   |
|---|--------------------------|-------|------------|-------|-------|----------|-------|
| 1 | <input type="checkbox"/> |       |            | 6.67  |       | P        | 50.0  |
| 2 | <input type="checkbox"/> |       |            |       |       |          |       |
| 3 | <input type="checkbox"/> |       |            | 8.89  |       | P        | 86.6  |
| 4 | <input type="checkbox"/> |       |            | 8.89  |       | P        | 21.6  |
| 5 | <input type="checkbox"/> |       |            | 11.11 |       | P        | 75.5  |
| 6 | <input type="checkbox"/> |       |            | 3.33  |       | P        | 173.2 |
| 7 | <input type="checkbox"/> |       |            | 10.00 |       | P        | 33.3  |
| 8 | <input type="checkbox"/> |       |            | 17.78 |       | P        | 43.3  |
| 9 | <input type="checkbox"/> |       |            | 23.33 |       | P        | 42.9  |

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

|   | Rj<br>ct                 | Conc. | Calc Conc. | CPS   | Ratio | Det<br>. | RSD  |
|---|--------------------------|-------|------------|-------|-------|----------|------|
| 1 | <input type="checkbox"/> |       |            | 33.33 |       | P        | 25.0 |
| 2 | <input type="checkbox"/> |       |            |       |       |          |      |
| 3 | <input type="checkbox"/> |       |            | 41.67 |       | P        | 60.0 |
| 4 | <input type="checkbox"/> |       |            | 38.89 |       | P        | 12.4 |
| 5 | <input type="checkbox"/> |       |            | 33.33 |       | P        | 25.0 |
| 6 | <input type="checkbox"/> |       |            | 61.11 |       | P        | 47.9 |
| 7 | <input type="checkbox"/> |       |            | 44.45 |       | P        | 47.2 |
| 8 | <input type="checkbox"/> |       |            | 41.67 |       | P        | 20.0 |
| 9 | <input type="checkbox"/> |       |            | 63.89 |       | P        | 39.8 |

**164 Er [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"/> |       |            | 5.56  |       | P        | 34.7  |
| 4 | <input type="checkbox"/> |       |            | 12.22 |       | P        | 87.7  |
| 5 | <input type="checkbox"/> |       |            | 20.00 |       | P        | 16.7  |
| 6 | <input type="checkbox"/> |       |            | 7.78  |       | P        | 65.5  |
| 7 | <input type="checkbox"/> |       |            | 6.67  |       | P        | 50.0  |
| 8 | <input type="checkbox"/> |       |            | 6.67  |       | P        | 132.3 |
| 9 | <input type="checkbox"/> |       |            | 4.44  |       | P        | 43.4  |

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

|   | Rj<br>ct                 | Conc.    | Calc Conc. | CPS        | Ratio  | Det<br>. | RSD  |
|---|--------------------------|----------|------------|------------|--------|----------|------|
| 1 | <input type="checkbox"/> | 0.000    | 0.000      | 163.90     | 0.0000 | P        | 31.5 |
| 2 | <input type="checkbox"/> | 0.100    |            |            |        |          |      |
| 3 | <input type="checkbox"/> | 1.000    | 0.938      | 7433.11    | 0.0009 | P        | 5.5  |
| 4 | <input type="checkbox"/> | 50.000   | 50.498     | 389412.76  | 0.0476 | P        | 2.7  |
| 5 | <input type="checkbox"/> | 125.000  | 123.980    | 983258.99  | 0.1168 | P        | 1.3  |
| 6 | <input type="checkbox"/> | 250.000  | 263.873    | 1981095.23 | 0.2485 | A        | 6.5  |
| 7 | <input type="checkbox"/> | 500.000  | 501.159    | 3943726.30 | 0.4720 | A        | 2.5  |
| 8 | <input type="checkbox"/> | 1000.000 | 996.055    | 7736452.95 | 0.9380 | A        | 0.2  |
| 9 | <input type="checkbox"/> |          |            | 4789.99    | 0.0006 | P        | 3.5  |

$$y = 9.4172\text{E-}004 * x + 2.0477\text{E-}005$$

$$R = 0.9999$$

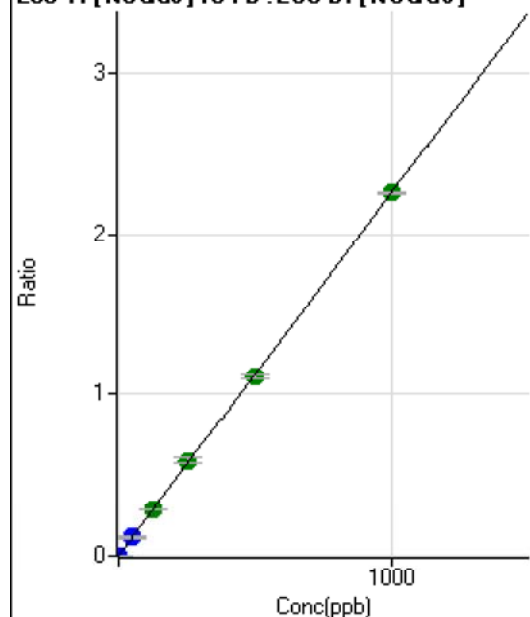
$$DL = 0.02057$$

Weight: &lt;None&gt;

Min Conc: 0



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



|   | Rj<br>ct                 | Conc.    | Calc Conc. | CPS         | Ratio  | Det. | RSD  |
|---|--------------------------|----------|------------|-------------|--------|------|------|
| 1 | <input type="checkbox"/> | 0.000    | 0.000      | 266.68      | 0.0000 | P    | 11.8 |
| 2 | <input type="checkbox"/> | 0.100    |            |             |        |      |      |
| 3 | <input type="checkbox"/> | 1.000    | 0.933      | 17573.98    | 0.0021 | P    | 3.0  |
| 4 | <input type="checkbox"/> | 50.000   | 50.692     | 937043.95   | 0.1145 | P    | 3.1  |
| 5 | <input type="checkbox"/> | 125.000  | 125.410    | 2384502.75  | 0.2832 | A    | 1.4  |
| 6 | <input type="checkbox"/> | 250.000  | 261.704    | 4711364.47  | 0.5909 | A    | 6.1  |
| 7 | <input type="checkbox"/> | 500.000  | 494.595    | 9331795.17  | 1.1168 | A    | 2.5  |
| 8 | <input type="checkbox"/> | 1000.000 | 999.691    | 18616496.94 | 2.2572 | A    | 0.3  |
| 9 | <input type="checkbox"/> |          |            | 11647.51    | 0.0016 | P    | 5.0  |

$$y = 0.0023 * x + 3.3294E-005$$

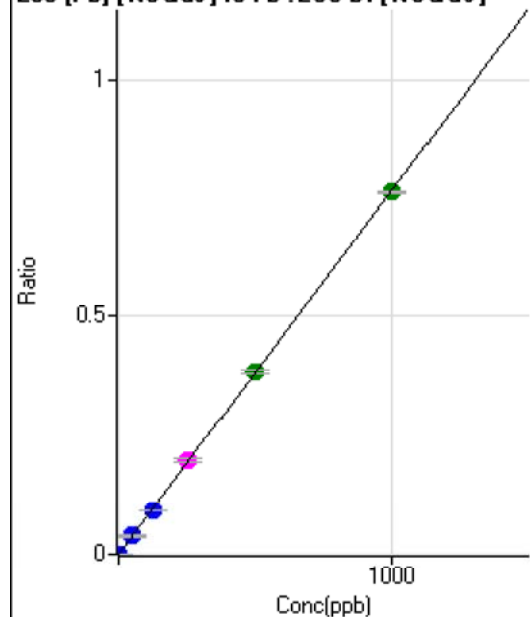
$$R = 0.9999$$

$$DL = 0.005205$$

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      | 290.75     | 0.0000 | P    | 8.5 |
| 2 | <input type="checkbox"/> | 0.100    |            |            |        |      |     |
| 3 | <input type="checkbox"/> | 1.000    | 0.946      | 6242.48    | 0.0008 | P    | 2.5 |
| 4 | <input type="checkbox"/> | 50.000   | 50.370     | 315617.25  | 0.0386 | P    | 2.7 |
| 5 | <input type="checkbox"/> | 125.000  | 123.156    | 793438.69  | 0.0942 | P    | 0.9 |
| 6 | <input type="checkbox"/> | 250.000  | 259.374    | 1582244.36 | 0.1984 | M    | 5.5 |
| 7 | <input type="checkbox"/> | 500.000  | 502.019    | 3208609.24 | 0.3840 | A    | 2.4 |
| 8 | <input type="checkbox"/> | 1000.000 | 996.859    | 6288408.47 | 0.7625 | A    | 0.4 |
| 9 | <input type="checkbox"/> |          |            | 38113.29   | 0.0051 | P    | 2.7 |

$$y = 7.6482E-004 * x + 3.6274E-005$$

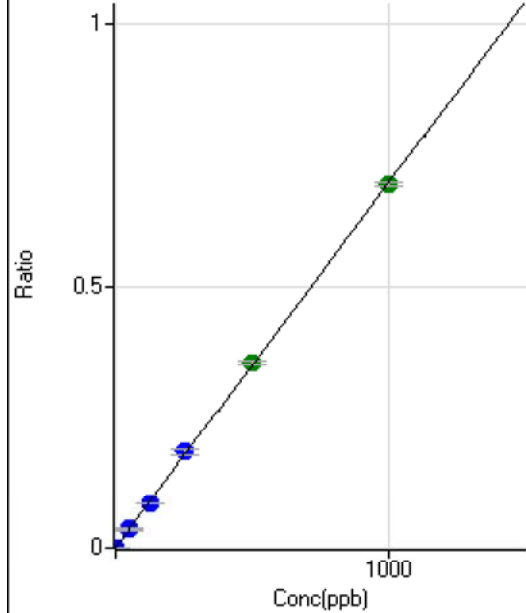
$$R = 0.9999$$

$$DL = 0.01213$$

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      | 266.68     | 0.0000 | P   | 14.0 |
| 2 | <input type="checkbox"/> | 0.100    |            |            |        |     |      |
| 3 | <input type="checkbox"/> | 1.000    | 0.914      | 5503.21    | 0.0007 | P   | 1.9  |
| 4 | <input type="checkbox"/> | 50.000   | 50.179     | 286136.35  | 0.0350 | P   | 2.9  |
| 5 | <input type="checkbox"/> | 125.000  | 122.644    | 719055.20  | 0.0854 | P   | 1.1  |
| 6 | <input type="checkbox"/> | 250.000  | 261.102    | 1449414.95 | 0.1818 | P   | 5.7  |
| 7 | <input type="checkbox"/> | 500.000  | 506.369    | 2945327.29 | 0.3525 | A   | 2.4  |
| 8 | <input type="checkbox"/> | 1000.000 | 994.325    | 5708181.26 | 0.6921 | A   | 0.9  |
| 9 | <input type="checkbox"/> |          |            | 32839.46   | 0.0044 | P   | 3.4  |

$$y = 6.9602E-004 * x + 3.3265E-005$$

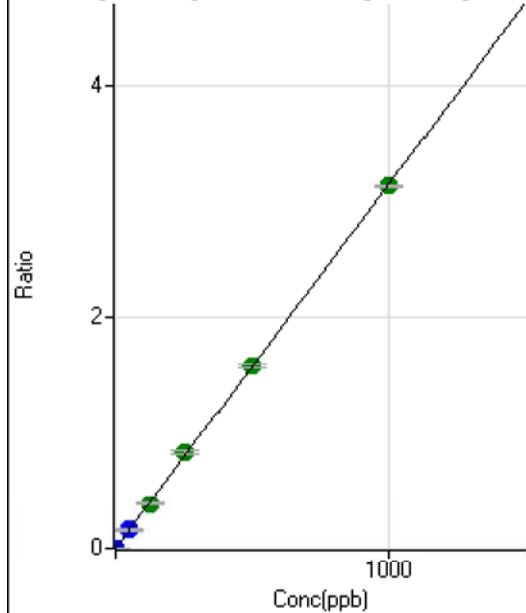
$$R = 0.9999$$

$$DL = 0.02006$$

Weight: &lt;None&gt;

Min Conc: 0

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



|   | Rj<br>ct                 | Conc.    | Calc Conc. | CPS         | Ratio  | Det | RSD |
|---|--------------------------|----------|------------|-------------|--------|-----|-----|
| 1 | <input type="checkbox"/> | 0.000    | 0.000      | 1251.91     | 0.0002 | P   | 2.4 |
| 2 | <input type="checkbox"/> | 0.100    |            |             |        |     |     |
| 3 | <input type="checkbox"/> | 1.000    | 0.922      | 25099.33    | 0.0031 | P   | 1.3 |
| 4 | <input type="checkbox"/> | 50.000   | 50.126     | 1291070.55  | 0.1577 | P   | 2.8 |
| 5 | <input type="checkbox"/> | 125.000  | 124.027    | 3284364.52  | 0.3901 | A   | 1.3 |
| 6 | <input type="checkbox"/> | 250.000  | 262.858    | 6591955.94  | 0.8265 | A   | 5.1 |
| 7 | <input type="checkbox"/> | 500.000  | 501.361    | 13171690.46 | 1.5763 | A   | 2.2 |
| 8 | <input type="checkbox"/> | 1000.000 | 996.220    | 25830991.44 | 3.1319 | A   | 0.4 |
| 9 | <input type="checkbox"/> |          |            | 152377.48   | 0.0205 | P   | 2.9 |

$$y = 0.0031 * x + 1.5622E-004$$

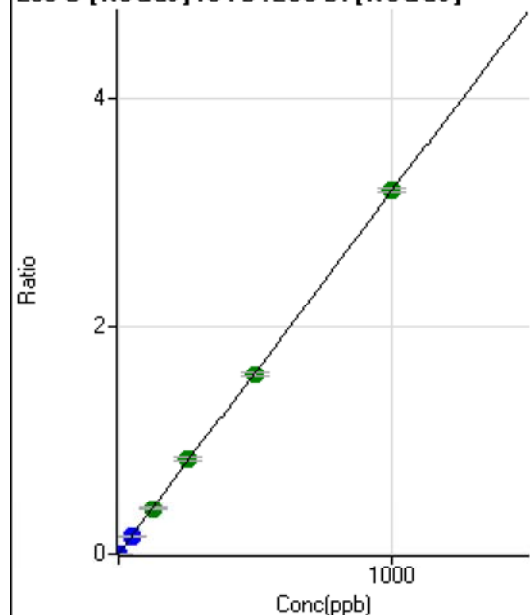
$$R = 0.9999$$

$$DL = 0.003631$$

Weight: &lt;None&gt;

Min Conc: 0

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



|   | Rj<br>ct                 | Conc.    | Calc Conc. | CPS         | Ratio  | Det | RSD  |
|---|--------------------------|----------|------------|-------------|--------|-----|------|
| 1 | <input type="checkbox"/> | 0.000    | 0.000      | 83.34       | 0.0000 | P   | 34.1 |
| 2 | <input type="checkbox"/> | 0.100    |            |             |        |     |      |
| 3 | <input type="checkbox"/> | 1.000    | 0.904      | 23723.59    | 0.0029 | P   | 2.7  |
| 4 | <input type="checkbox"/> | 50.000   | 48.983     | 1275386.19  | 0.1558 | P   | 2.7  |
| 5 | <input type="checkbox"/> | 125.000  | 123.202    | 3299512.77  | 0.3919 | A   | 2.7  |
| 6 | <input type="checkbox"/> | 250.000  | 259.908    | 6593881.53  | 0.8267 | A   | 5.0  |
| 7 | <input type="checkbox"/> | 500.000  | 492.831    | 13098317.74 | 1.5676 | A   | 2.7  |
| 8 | <input type="checkbox"/> | 1000.000 | 1001.383   | 26270281.66 | 3.1852 | A   | 1.0  |
| 9 | <input type="checkbox"/> |          |            | 2325.33     | 0.0003 | P   | 11.5 |

$$y = 0.0032 * x + 1.0389E-005$$

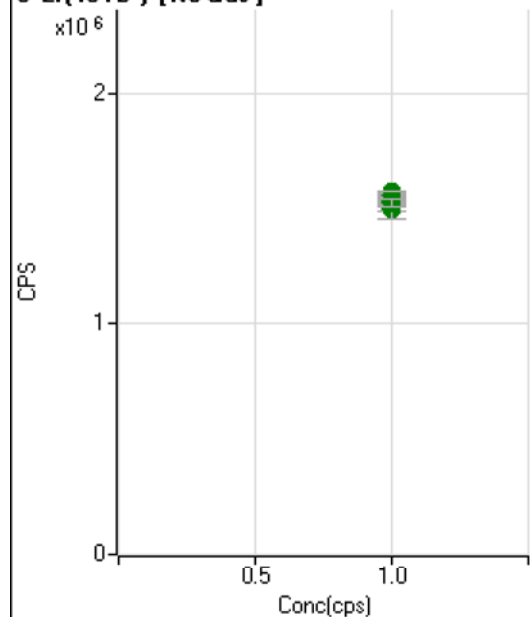
$$R = 0.9999$$

$$DL = 0.003345$$

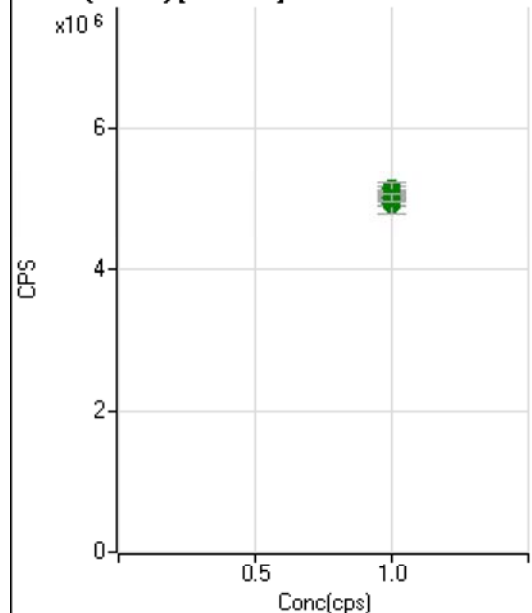
Weight: &lt;None&gt;

Min Conc: 0

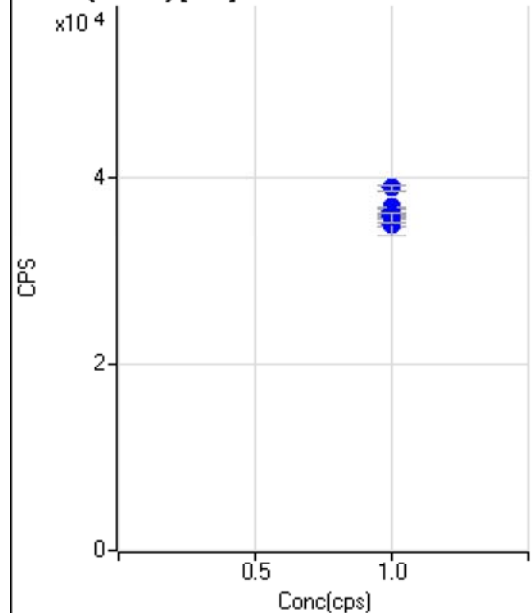
6 Li( ISTD ) [ No Gas ]



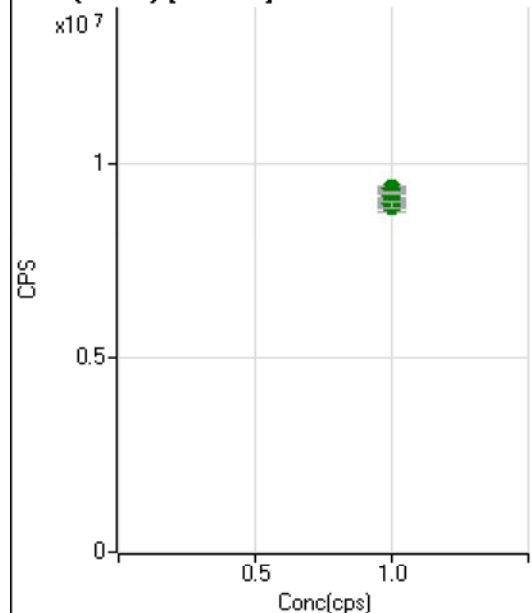
|   | Rj<br>ct                 | Conc. | Calc Conc. | CPS        | Ratio | Det | RSD |
|---|--------------------------|-------|------------|------------|-------|-----|-----|
| 1 | <input type="checkbox"/> | 1.000 |            | 1499393.92 |       | A   | 1.3 |
| 2 | <input type="checkbox"/> | 1.000 |            |            |       |     |     |
| 3 | <input type="checkbox"/> | 1.000 |            | 1537130.65 |       | A   | 1.3 |
| 4 | <input type="checkbox"/> | 1.000 |            | 1531572.39 |       | A   | 2.7 |
| 5 | <input type="checkbox"/> | 1.000 |            | 1569052.70 |       | A   | 0.5 |
| 6 | <input type="checkbox"/> | 1.000 |            | 1503774.87 |       | A   | 5.9 |
| 7 | <input type="checkbox"/> | 1.000 |            | 1556136.68 |       | A   | 2.1 |
| 8 | <input type="checkbox"/> | 1.000 |            | 1528481.66 |       | A   | 1.2 |
| 9 | <input type="checkbox"/> | 1.000 |            | 1521217.89 |       | A   | 2.3 |

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

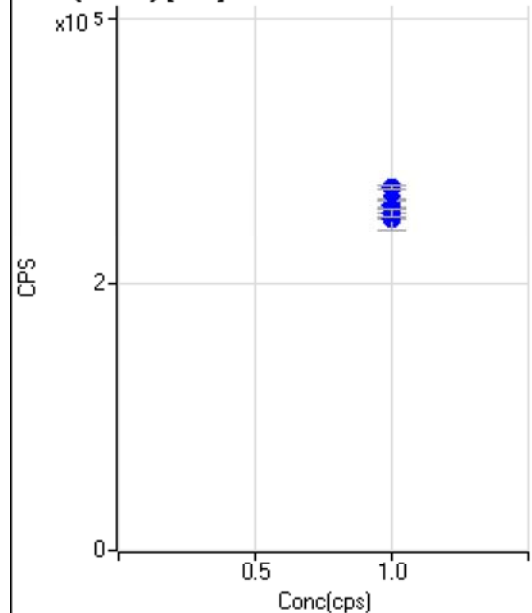
|   | Rj<br>ct                 | Conc. | Calc Conc. | CPS        | Ratio | Det<br>. | RSD |
|---|--------------------------|-------|------------|------------|-------|----------|-----|
| 1 | <input type="checkbox"/> | 1.000 |            | 4934581.49 |       | A        | 0.6 |
| 2 | <input type="checkbox"/> | 1.000 |            |            |       |          |     |
| 3 | <input type="checkbox"/> | 1.000 |            | 5056105.02 |       | A        | 1.5 |
| 4 | <input type="checkbox"/> | 1.000 |            | 5066336.53 |       | A        | 2.6 |
| 5 | <input type="checkbox"/> | 1.000 |            | 5143257.71 |       | A        | 0.9 |
| 6 | <input type="checkbox"/> | 1.000 |            | 4928745.99 |       | A        | 5.7 |
| 7 | <input type="checkbox"/> | 1.000 |            | 5141375.07 |       | A        | 3.1 |
| 8 | <input type="checkbox"/> | 1.000 |            | 5027849.12 |       | A        | 0.7 |
| 9 | <input type="checkbox"/> | 1.000 |            | 5017428.50 |       | A        | 2.0 |

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

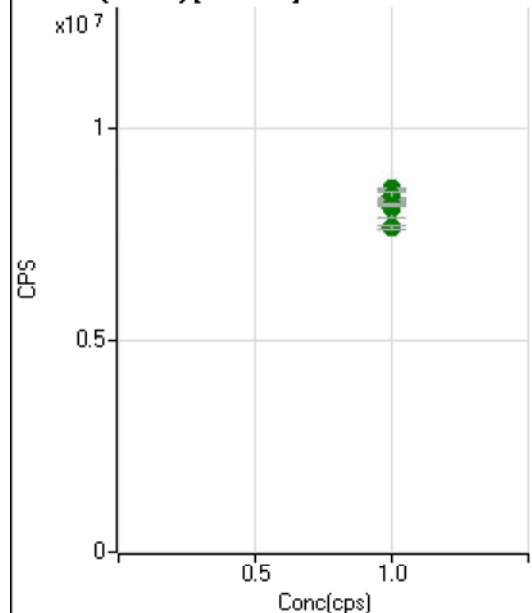
|   | Rj<br>ct                 | Conc. | Calc Conc. | CPS      | Ratio | Det<br>. | RSD |
|---|--------------------------|-------|------------|----------|-------|----------|-----|
| 1 | <input type="checkbox"/> | 1.000 |            | 34992.59 |       | P        | 1.0 |
| 2 | <input type="checkbox"/> | 1.000 |            |          |       |          |     |
| 3 | <input type="checkbox"/> | 1.000 |            | 35142.17 |       | P        | 8.1 |
| 4 | <input type="checkbox"/> | 1.000 |            | 36815.07 |       | P        | 0.1 |
| 5 | <input type="checkbox"/> | 1.000 |            | 36238.00 |       | P        | 2.1 |
| 6 | <input type="checkbox"/> | 1.000 |            | 36422.85 |       | P        | 2.5 |
| 7 | <input type="checkbox"/> | 1.000 |            | 35923.87 |       | P        | 1.6 |
| 8 | <input type="checkbox"/> | 1.000 |            | 35765.74 |       | P        | 2.9 |
| 9 | <input type="checkbox"/> | 1.000 |            | 38817.08 |       | P        | 1.6 |

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

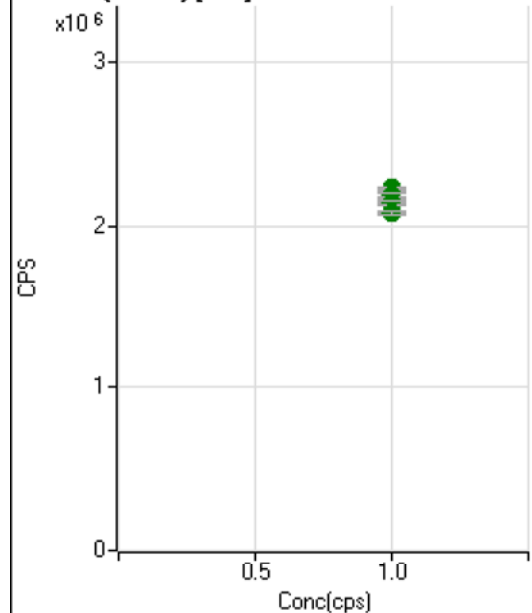
|   | Rj<br>ct                 | Conc. | Calc Conc. | CPS        | Ratio | Det<br>. | RSD |
|---|--------------------------|-------|------------|------------|-------|----------|-----|
| 1 | <input type="checkbox"/> | 1.000 |            | 8919030.28 |       | A        | 0.5 |
| 2 | <input type="checkbox"/> | 1.000 |            |            |       |          |     |
| 3 | <input type="checkbox"/> | 1.000 |            | 9097238.61 |       | A        | 0.7 |
| 4 | <input type="checkbox"/> | 1.000 |            | 9142521.67 |       | A        | 3.4 |
| 5 | <input type="checkbox"/> | 1.000 |            | 9336112.08 |       | A        | 0.6 |
| 6 | <input type="checkbox"/> | 1.000 |            | 8998208.82 |       | A        | 5.2 |
| 7 | <input type="checkbox"/> | 1.000 |            | 9336518.68 |       | A        | 1.7 |
| 8 | <input type="checkbox"/> | 1.000 |            | 9238114.93 |       | A        | 0.2 |
| 9 | <input type="checkbox"/> | 1.000 |            | 8932480.28 |       | A        | 1.9 |

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

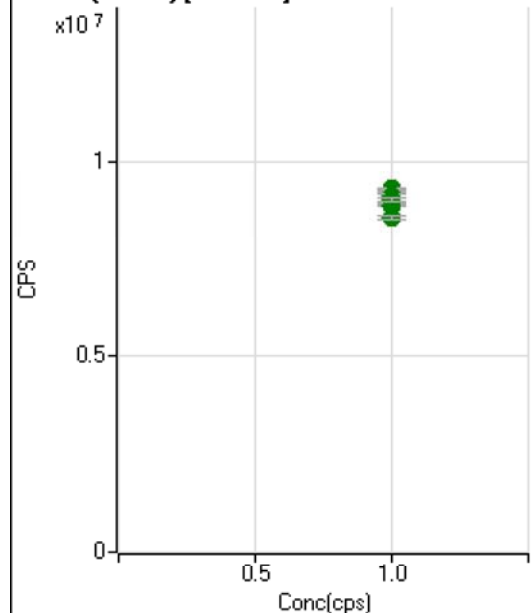
|   | Rj<br>ct                 | Conc. | Calc Conc. | CPS       | Ratio | Det<br>. | RSD |
|---|--------------------------|-------|------------|-----------|-------|----------|-----|
| 1 | <input type="checkbox"/> | 1.000 |            | 251537.45 |       | P        | 1.5 |
| 2 | <input type="checkbox"/> | 1.000 |            |           |       |          |     |
| 3 | <input type="checkbox"/> | 1.000 |            | 249776.48 |       | P        | 7.1 |
| 4 | <input type="checkbox"/> | 1.000 |            | 263320.38 |       | P        | 0.2 |
| 5 | <input type="checkbox"/> | 1.000 |            | 259712.95 |       | P        | 2.9 |
| 6 | <input type="checkbox"/> | 1.000 |            | 259191.21 |       | P        | 2.2 |
| 7 | <input type="checkbox"/> | 1.000 |            | 256847.14 |       | P        | 0.2 |
| 8 | <input type="checkbox"/> | 1.000 |            | 253839.63 |       | P        | 2.6 |
| 9 | <input type="checkbox"/> | 1.000 |            | 272022.86 |       | P        | 1.1 |

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

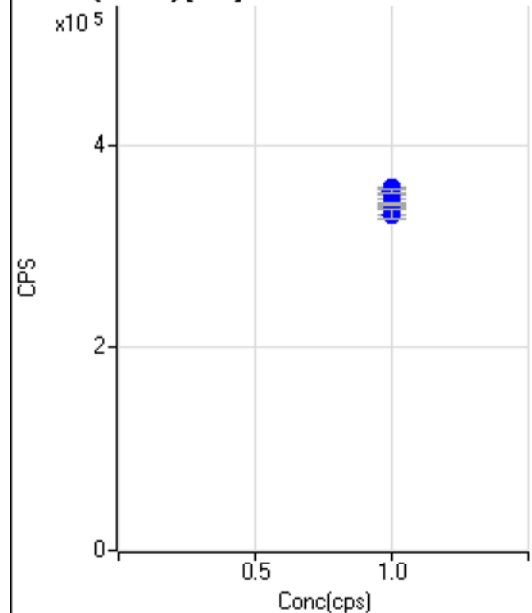
|   | Rj<br>ct                 | Conc. | Calc Conc. | CPS        | Ratio | Det<br>. | RSD |
|---|--------------------------|-------|------------|------------|-------|----------|-----|
| 1 | <input type="checkbox"/> | 1.000 |            | 8280228.66 |       | A        | 0.1 |
| 2 | <input type="checkbox"/> | 1.000 |            |            |       |          |     |
| 3 | <input type="checkbox"/> | 1.000 |            | 8402460.08 |       | A        | 1.7 |
| 4 | <input type="checkbox"/> | 1.000 |            | 8408370.67 |       | A        | 2.7 |
| 5 | <input type="checkbox"/> | 1.000 |            | 8558740.38 |       | A        | 0.4 |
| 6 | <input type="checkbox"/> | 1.000 |            | 8113250.87 |       | A        | 5.1 |
| 7 | <input type="checkbox"/> | 1.000 |            | 8393543.07 |       | A        | 1.8 |
| 8 | <input type="checkbox"/> | 1.000 |            | 8180828.31 |       | A        | 0.5 |
| 9 | <input type="checkbox"/> | 1.000 |            | 7669881.33 |       | A        | 1.4 |

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

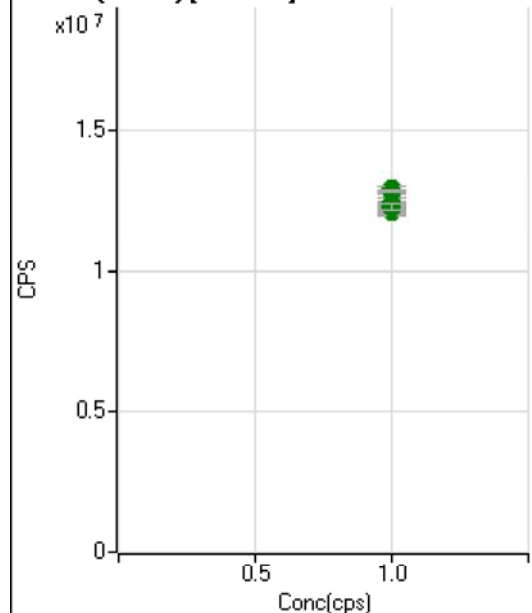
|   | Rj<br>ct                 | Conc. | Calc Conc. | CPS        | Ratio | Det<br>. | RSD |
|---|--------------------------|-------|------------|------------|-------|----------|-----|
| 1 | <input type="checkbox"/> | 1.000 |            | 2146666.01 |       | A        | 0.6 |
| 2 | <input type="checkbox"/> | 1.000 |            |            |       |          |     |
| 3 | <input type="checkbox"/> | 1.000 |            | 2145871.39 |       | A        | 6.3 |
| 4 | <input type="checkbox"/> | 1.000 |            | 2232711.30 |       | A        | 0.7 |
| 5 | <input type="checkbox"/> | 1.000 |            | 2193191.20 |       | A        | 2.6 |
| 6 | <input type="checkbox"/> | 1.000 |            | 2188789.46 |       | A        | 1.4 |
| 7 | <input type="checkbox"/> | 1.000 |            | 2143984.40 |       | A        | 1.4 |
| 8 | <input type="checkbox"/> | 1.000 |            | 2096387.14 |       | A        | 2.9 |
| 9 | <input type="checkbox"/> | 1.000 |            | 2077774.08 |       | A        | 1.1 |

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

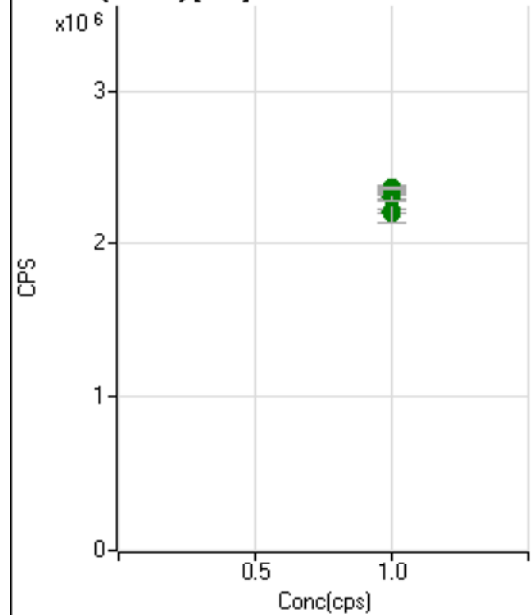
|   | Rj<br>ct                 | Conc. | Calc Conc. | CPS        | Ratio | Det<br>. | RSD |
|---|--------------------------|-------|------------|------------|-------|----------|-----|
| 1 | <input type="checkbox"/> | 1.000 |            | 8867257.28 |       | A        | 0.3 |
| 2 | <input type="checkbox"/> | 1.000 |            |            |       |          |     |
| 3 | <input type="checkbox"/> | 1.000 |            | 9101165.81 |       | A        | 1.3 |
| 4 | <input type="checkbox"/> | 1.000 |            | 9060393.70 |       | A        | 3.0 |
| 5 | <input type="checkbox"/> | 1.000 |            | 9292663.67 |       | A        | 0.4 |
| 6 | <input type="checkbox"/> | 1.000 |            | 8849001.25 |       | A        | 5.0 |
| 7 | <input type="checkbox"/> | 1.000 |            | 9122171.51 |       | A        | 1.4 |
| 8 | <input type="checkbox"/> | 1.000 |            | 9007528.24 |       | A        | 0.7 |
| 9 | <input type="checkbox"/> | 1.000 |            | 8566819.98 |       | A        | 1.5 |

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

|   | Rj<br>ct                 | Conc. | Calc Conc. | CPS       | Ratio | Det<br>. | RSD |
|---|--------------------------|-------|------------|-----------|-------|----------|-----|
| 1 | <input type="checkbox"/> | 1.000 |            | 340294.01 |       | P        | 0.8 |
| 2 | <input type="checkbox"/> | 1.000 |            |           |       |          |     |
| 3 | <input type="checkbox"/> | 1.000 |            | 341681.66 |       | P        | 6.5 |
| 4 | <input type="checkbox"/> | 1.000 |            | 356977.46 |       | P        | 0.6 |
| 5 | <input type="checkbox"/> | 1.000 |            | 352098.23 |       | P        | 3.1 |
| 6 | <input type="checkbox"/> | 1.000 |            | 352379.20 |       | P        | 1.6 |
| 7 | <input type="checkbox"/> | 1.000 |            | 342107.89 |       | P        | 0.3 |
| 8 | <input type="checkbox"/> | 1.000 |            | 331967.82 |       | P        | 3.3 |
| 9 | <input type="checkbox"/> | 1.000 |            | 353582.84 |       | P        | 1.4 |

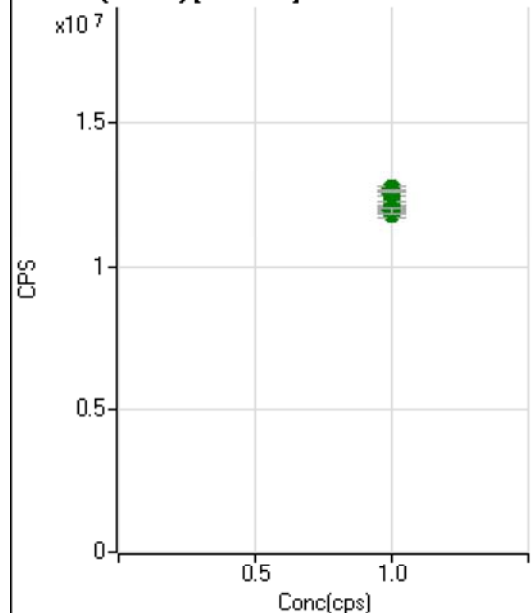
**159 Tb(ISTD) [NoGas]**

|   | Rj<br>ct                 | Conc. | Calc Conc. | CPS         | Ratio | Det<br>. | RSD |
|---|--------------------------|-------|------------|-------------|-------|----------|-----|
| 1 | <input type="checkbox"/> | 1.000 |            | 12115277.60 |       | A        | 0.4 |
| 2 | <input type="checkbox"/> | 1.000 |            |             |       |          |     |
| 3 | <input type="checkbox"/> | 1.000 |            | 12376401.90 |       | A        | 1.3 |
| 4 | <input type="checkbox"/> | 1.000 |            | 12484971.76 |       | A        | 2.6 |
| 5 | <input type="checkbox"/> | 1.000 |            | 12828908.97 |       | A        | 1.1 |
| 6 | <input type="checkbox"/> | 1.000 |            | 12323252.04 |       | A        | 5.4 |
| 7 | <input type="checkbox"/> | 1.000 |            | 12943860.78 |       | A        | 1.1 |
| 8 | <input type="checkbox"/> | 1.000 |            | 12844838.00 |       | A        | 0.6 |
| 9 | <input type="checkbox"/> | 1.000 |            | 12302939.82 |       | A        | 1.4 |

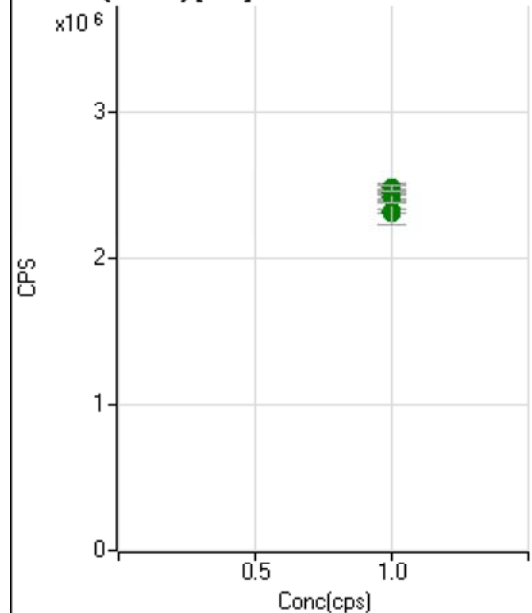
**159 Tb(ISTD) [He]**

|   | Rj<br>ct                 | Conc. | Calc Conc. | CPS        | Ratio | Det<br>. | RSD |
|---|--------------------------|-------|------------|------------|-------|----------|-----|
| 1 | <input type="checkbox"/> | 1.000 |            | 2218211.09 |       | A        | 1.2 |
| 2 | <input type="checkbox"/> | 1.000 |            |            |       |          |     |
| 3 | <input type="checkbox"/> | 1.000 |            | 2210494.36 |       | A        | 6.2 |
| 4 | <input type="checkbox"/> | 1.000 |            | 2340408.59 |       | A        | 0.6 |
| 5 | <input type="checkbox"/> | 1.000 |            | 2335924.25 |       | A        | 3.5 |
| 6 | <input type="checkbox"/> | 1.000 |            | 2340734.77 |       | A        | 0.6 |
| 7 | <input type="checkbox"/> | 1.000 |            | 2320666.16 |       | A        | 0.2 |
| 8 | <input type="checkbox"/> | 1.000 |            | 2311458.23 |       | A        | 2.9 |
| 9 | <input type="checkbox"/> | 1.000 |            | 2364437.22 |       | A        | 0.8 |

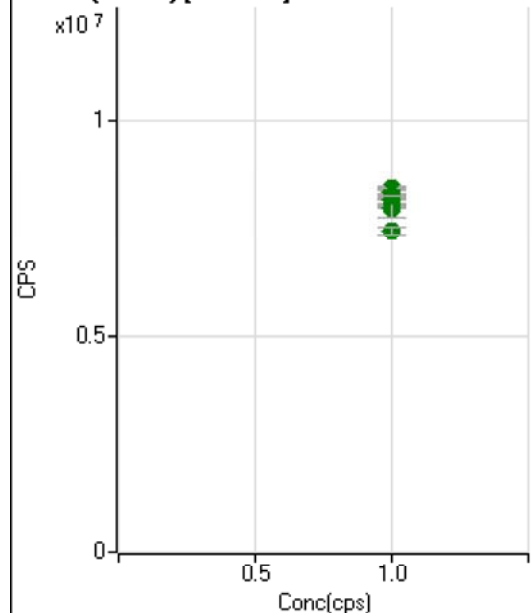


**165 Ho(ISTD) [NoGas]**

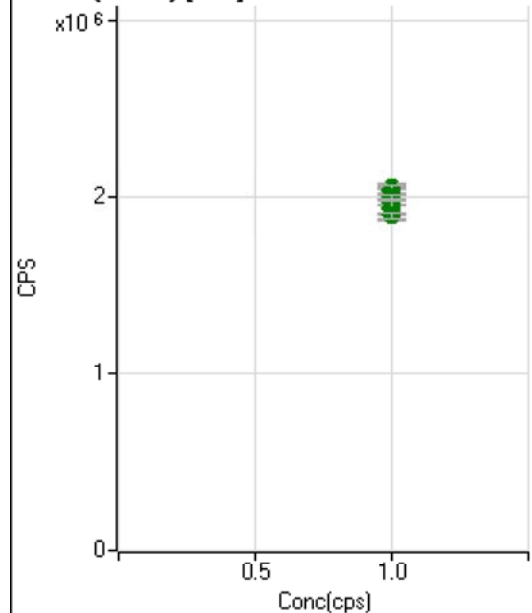
|   | Rj<br>ct                 | Conc. | Calc Conc. | CPS         | Ratio | Det<br>. | RSD |
|---|--------------------------|-------|------------|-------------|-------|----------|-----|
| 1 | <input type="checkbox"/> | 1.000 |            | 11870657.99 |       | A        | 0.6 |
| 2 | <input type="checkbox"/> | 1.000 |            |             |       |          |     |
| 3 | <input type="checkbox"/> | 1.000 |            | 12093198.97 |       | A        | 0.8 |
| 4 | <input type="checkbox"/> | 1.000 |            | 12242985.52 |       | A        | 4.1 |
| 5 | <input type="checkbox"/> | 1.000 |            | 12544692.73 |       | A        | 0.9 |
| 6 | <input type="checkbox"/> | 1.000 |            | 12019681.78 |       | A        | 4.6 |
| 7 | <input type="checkbox"/> | 1.000 |            | 12713491.69 |       | A        | 1.6 |
| 8 | <input type="checkbox"/> | 1.000 |            | 12629832.23 |       | A        | 0.5 |
| 9 | <input type="checkbox"/> | 1.000 |            | 11976343.15 |       | A        | 1.4 |

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

|   | Rj<br>ct                 | Conc. | Calc Conc. | CPS        | Ratio | Det<br>. | RSD |
|---|--------------------------|-------|------------|------------|-------|----------|-----|
| 1 | <input type="checkbox"/> | 1.000 |            | 2325043.80 |       | A        | 1.0 |
| 2 | <input type="checkbox"/> | 1.000 |            |            |       |          |     |
| 3 | <input type="checkbox"/> | 1.000 |            | 2313247.38 |       | A        | 6.4 |
| 4 | <input type="checkbox"/> | 1.000 |            | 2456622.57 |       | A        | 0.5 |
| 5 | <input type="checkbox"/> | 1.000 |            | 2439010.59 |       | A        | 2.3 |
| 6 | <input type="checkbox"/> | 1.000 |            | 2479191.98 |       | A        | 2.9 |
| 7 | <input type="checkbox"/> | 1.000 |            | 2441623.63 |       | A        | 1.0 |
| 8 | <input type="checkbox"/> | 1.000 |            | 2415817.01 |       | A        | 3.1 |
| 9 | <input type="checkbox"/> | 1.000 |            | 2480976.32 |       | A        | 1.3 |

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

|   | Rj<br>ct                 | Conc. | Calc Conc. | CPS        | Ratio | Det<br>. | RSD |
|---|--------------------------|-------|------------|------------|-------|----------|-----|
| 1 | <input type="checkbox"/> | 1.000 |            | 8013105.36 |       | A        | 0.5 |
| 2 | <input type="checkbox"/> | 1.000 |            |            |       |          |     |
| 3 | <input type="checkbox"/> | 1.000 |            | 8217640.64 |       | A        | 1.2 |
| 4 | <input type="checkbox"/> | 1.000 |            | 8189233.21 |       | A        | 2.8 |
| 5 | <input type="checkbox"/> | 1.000 |            | 8421026.89 |       | A        | 1.2 |
| 6 | <input type="checkbox"/> | 1.000 |            | 7990002.80 |       | A        | 5.3 |
| 7 | <input type="checkbox"/> | 1.000 |            | 8359030.57 |       | A        | 2.3 |
| 8 | <input type="checkbox"/> | 1.000 |            | 8247649.60 |       | A        | 0.2 |
| 9 | <input type="checkbox"/> | 1.000 |            | 7446957.39 |       | A        | 2.6 |

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

|   | Rj<br>ct                 | Conc. | Calc Conc. | CPS        | Ratio | Det<br>. | RSD |
|---|--------------------------|-------|------------|------------|-------|----------|-----|
| 1 | <input type="checkbox"/> | 1.000 |            | 1970813.37 |       | A        | 1.4 |
| 2 | <input type="checkbox"/> | 1.000 |            |            |       |          |     |
| 3 | <input type="checkbox"/> | 1.000 |            | 1945654.87 |       | A        | 7.6 |
| 4 | <input type="checkbox"/> | 1.000 |            | 2052265.19 |       | A        | 0.5 |
| 5 | <input type="checkbox"/> | 1.000 |            | 2047005.68 |       | A        | 3.1 |
| 6 | <input type="checkbox"/> | 1.000 |            | 2038345.82 |       | A        | 2.9 |
| 7 | <input type="checkbox"/> | 1.000 |            | 2004078.34 |       | A        | 0.9 |
| 8 | <input type="checkbox"/> | 1.000 |            | 1938811.15 |       | A        | 3.8 |
| 9 | <input type="checkbox"/> | 1.000 |            | 1901355.84 |       | A        | 1.8 |

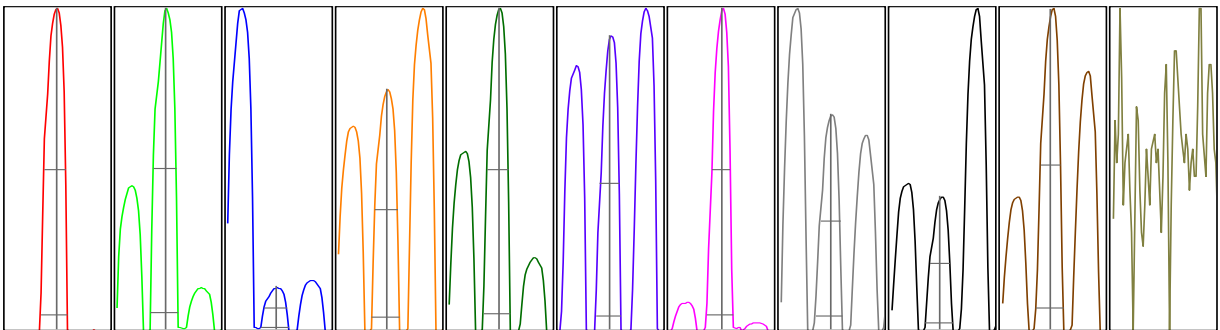
US EPA Tune Check Sample Report

Batch Folder D:\P8081018-MS.b  
Report Comment  
Instrument Name G8403A JP17141814

| [No Gas] |                 |                  |                    |                |
|----------|-----------------|------------------|--------------------|----------------|
| Mass     | Count<br>(Mean) | RSD%<br>(Actual) | RSD%<br>(Required) | RSD%<br>(Flag) |
| 9        | 6253            | 1.23             | 5.00               |                |
| 24       | 103777          | 1.85             | 5.00               |                |
| 25       | 13975           | 1.44             | 5.00               |                |
| 26       | 16307           | 1.31             | 5.00               |                |
| 59       | 67322           | 1.56             | 5.00               |                |
| 113      | 9894            | 1.53             | 5.00               |                |
| 115      | 123528          | 1.55             | 5.00               |                |
| 206      | 33164           | 1.54             | 5.00               |                |
| 207      | 30245           | 1.84             | 5.00               |                |
| 208      | 72269           | 1.86             | 5.00               |                |
| 220      | 1               | 19.61            |                    |                |

| Mass | Replicate 1<br>Count | Replicate 2<br>Count | Replicate 3<br>Count | Replicate 4<br>Count | Replicate 5<br>Count |
|------|----------------------|----------------------|----------------------|----------------------|----------------------|
| 9    | 6139                 | 6340                 | 6299                 | 6224                 | 6261                 |
| 24   | 101010               | 106301               | 104267               | 103193               | 104112               |
| 25   | 13706                | 14192                | 14158                | 13885                | 13937                |
| 26   | 15979                | 16497                | 16494                | 16248                | 16317                |
| 59   | 65786                | 68058                | 67914                | 68172                | 66678                |
| 113  | 9719                 | 9955                 | 9862                 | 10117                | 9816                 |
| 115  | 122993               | 124425               | 122316               | 126367               | 121541               |
| 206  | 32617                | 33313                | 33242                | 33902                | 32746                |
| 207  | 29808                | 30443                | 30402                | 30988                | 29586                |
| 208  | 71244                | 72494                | 72969                | 73998                | 70638                |
| 220  | 1                    | 1                    | 1                    | 1                    | 1                    |

Integration Time [sec] = 0.1



| Mass | Peak<br>Height | Axis<br>(Actual) | Axis<br>(Required) | Axis<br>(Flag) | Width-X%<br>(Actual) | Width-X%<br>(Required) | Width-<br>X%<br>(Flag) |
|------|----------------|------------------|--------------------|----------------|----------------------|------------------------|------------------------|
| 9    | 10749          | 9.00             | 8.9 - 9.1          |                | 0.773                | 0.900                  |                        |
| 24   | 172229         | 23.95            | 23.9 - 24.1        |                | 0.786                | 0.900                  |                        |
| 25   | 23020          | 24.95            | 24.9 - 25.1        |                | 0.787                | 0.900                  |                        |
| 26   | 27172          | 25.95            | 25.9 - 26.1        |                | 0.784                | 0.900                  |                        |
| 59   | 117692         | 59.00            | 58.9 - 59.1        |                | 0.776                | 0.900                  |                        |
| 113  | 18691          | 113.00           | 112.9 - 113.1      |                | 0.727                | 0.900                  |                        |
| 115  | 232776         | 115.05           | 114.9 - 115.1      |                | 0.762                | 0.900                  |                        |
| 206  | 60296          | 206.00           | 205.9 - 206.1      |                | 0.776                | 0.900                  |                        |
| 207  | 54619          | 206.95           | 206.9 - 207.1      |                | 0.776                | 0.900                  |                        |
| 208  | 131251         | 207.95           | 207.9 - 208.1      |                | 0.780                | 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    | 10.0  | V    | Deflect       | 13.4  | V    |
| Extract 2     | -215.0 | V    | Cell Entrance | -30   | V    | Plate Bias    | -35   | V    |
| Omega Bias    | -95    | V    | Cell Exit     | -50   | V    |               |       |      |

## Cell Parameters ##

| ParameterName | Value | Unit   | ParameterName | Value | Unit | ParameterName         | Value | Unit |
|---------------|-------|--------|---------------|-------|------|-----------------------|-------|------|
| Use Gas       | No    |        | OctP Bias     | -8.0  | V    | Energy Discrimination | 5.0   | V    |
| He Flow       | 0.0   | mL/min | OctP RF       | 200   | V    |                       |       |      |

[He]

| Mass | Count<br>(Mean) | RSD%<br>(Actual) | RSD%<br>(Required) |
|------|-----------------|------------------|--------------------|
| 59   | 8194            | 0.90             |                    |
| 89   | 8158            | 0.93             |                    |
| 205  | 13822           | 0.88             |                    |

| Mass | Replicate 1<br>Count | Replicate 2<br>Count | Replicate 3<br>Count | Replicate 4<br>Count | Replicate 5<br>Count |
|------|----------------------|----------------------|----------------------|----------------------|----------------------|
| 59   | 8229                 | 8089                 | 8290                 | 8184                 | 8179                 |
| 89   | 8212                 | 8043                 | 8239                 | 8160                 | 8139                 |
| 205  | 13901                | 13622                | 13933                | 13849                | 13804                |

Integration Time [sec] = 0.1

Tune Parameters

## Plasma Paramters ##

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

## Lenses Parameters ##

| ParameterName | Value  | Unit | ParameterName | Value | Unit | ParameterName | Value | Unit |
|---------------|--------|------|---------------|-------|------|---------------|-------|------|
| Extract 1     | 0.0    | V    | Omega Lens    | 10.0  | V    | Deflect       | 1.2   | V    |
| Extract 2     | -215.0 | V    | Cell Entrance | -40   | V    | Plate Bias    | -60   | V    |
| Omega Bias    | -95    | 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 :             | LB97237             | Operator :        | Jaswal              |
| Lab Sample ID :         | S0                  | Instrumnet Name : | P8                  |
| Client Sample ID :      | S0                  | Dilution Factor : | 1                   |
| Date & Time Acquired :: | 2018-08-10 11:52:50 | DataFile Name :   | 003CALB_P8081018-MS |

| Parameter  | Mass  | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|------------|-------|---------|---------|---------|------------|---------|-------|
| Aluminium  | 27-2  | -0.18   | -0.15   | 0.33    | 0.00       | N/A     | ppb   |
| Antimony   | 121-1 | 0.00    | 0.00    | 0.00    | 0.00       | N/A     | ppb   |
| Arsenic    | 75-2  | 0.02    | -0.05   | 0.02    | 0.00       | N/A     | ppb   |
| Barium     | 135-1 | 0.00    | 0.00    | 0.00    | 0.00       | N/A     | ppb   |
| Barium     | 137-1 | 0.00    | 0.00    | 0.00    | 0.00       | N/A     | ppb   |
| Beryllium  | 9-1   | -0.01   | 0.00    | 0.02    | 0.00       | N/A     | ppb   |
| Bismuth    | 209-1 |         |         |         | 100        |         | %     |
| Bismuth    | 209-2 |         |         |         | 100        |         | %     |
| Boron      | 10-1  | -0.12   | -0.14   | 0.26    | 0.00       | N/A     | ppb   |
| Boron      | 11-1  | -0.08   | 0.01    | 0.07    | 0.00       | N/A     | ppb   |
| Cadmium    | 111-1 | -0.01   | -0.02   | 0.04    | 0.00       | N/A     | ppb   |
| Cadmium    | 106-1 | -0.17   | -0.25   | 0.41    | 0.00       | N/A     | ppb   |
| Cadmium    | 108-1 | 0.02    | 0.02    | -0.04   | 0.00       | N/A     | ppb   |
| Calcium    | 43-1  | 4.23    | -0.63   | -3.60   | 0.00       | N/A     | ppb   |
| Calcium    | 44-1  | -0.74   | 1.75    | -1.01   | 0.00       | N/A     | ppb   |
| Chromium   | 52-2  | -0.01   | 0.04    | -0.03   | 0.00       | N/A     | ppb   |
| Cobalt     | 59-2  | 0.00    | -0.01   | 0.01    | 0.00       | N/A     | ppb   |
| Copper     | 63-2  | -0.08   | -0.03   | 0.12    | 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  | -0.15   | -0.01   | 0.16    | 0.00       | N/A     | ppb   |
| Iron       | 57-2  | 1.14    | -0.82   | -0.33   | 0.00       | N/A     | ppb   |
| Krypton    | 83-1  |         |         |         |            |         | cps   |
| Lead       | 206-1 | 0.00    | 0.00    | 0.00    | 0.00       | N/A     | ppb   |
| Lead       | 207-1 | -0.01   | 0.00    | 0.00    | 0.00       | N/A     | ppb   |
| Lead       | 208-1 | 0.00    | 0.00    | 0.00    | 0.00       | N/A     | ppb   |
| Lithium    | 6-1   |         |         |         | 100        |         | %     |
| Magnesium  | 24-2  | -0.41   | 1.09    | -0.68   | 0.00       | N/A     | ppb   |

|                         |                     |                   |                     |
|-------------------------|---------------------|-------------------|---------------------|
| LB Number :             | LB97237             | Operator :        | Jaswal              |
| Lab Sample ID :         | S0                  | Instrumnet Name : | P8                  |
| Client Sample ID :      | S0                  | Dilution Factor : | 1                   |
| Date & Time Acquired :: | 2018-08-10 11:52:50 | DataFile Name :   | 003CALB_P8081018-MS |

| Parameter  | Mass  | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|------------|-------|---------|---------|---------|------------|---------|-------|
| Manganese  | 55-2  | 0.06    | -0.17   | 0.10    | 0.00       | N/A     | ppb   |
| Molybdenum | 94-1  | 0.04    | -0.02   | -0.02   | 0.00       | N/A     | ppb   |
| Molybdenum | 95-1  | 0.00    | 0.00    | 0.00    | 0.00       | N/A     | ppb   |
| Molybdenum | 96-1  | -0.02   | 0.00    | 0.02    | 0.00       | N/A     | ppb   |
| Molybdenum | 97-1  | 0.00    | -0.01   | 0.01    | 0.00       | N/A     | ppb   |
| Molybdenum | 98-1  | 0.00    | 0.00    | 0.00    | 0.00       | N/A     | ppb   |
| Neodymium  | 150-1 |         |         |         |            |         | cps   |
| Neodymium  | 150-2 |         |         |         |            |         | cps   |
| Nickel     | 60-2  | 0.03    | 0.00    | -0.03   | 0.00       | N/A     | ppb   |
| Phosphorus | 31-2  | -17.95  | 36.92   | 9.21    | 9.39       | 292.01  | ppb   |
| Potassium  | 39-2  | 9.14    | -1.25   | -7.89   | 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  | 0.00    | 0.00    | 0.00    | 0.00       | N/A     | ppb   |
| Selenium   | 82-1  | -0.79   | 0.39    | 0.39    | 0.00       | N/A     | ppb   |
| Silicon    | 28-1  | 0.23    | 0.50    | -0.73   | 0.00       | N/A     | ppb   |
| Silver     | 109-1 | 0.00    | 0.00    | 0.00    | 0.00       | N/A     | ppb   |
| Silver     | 107-1 | 0.00    | 0.00    | 0.00    | 0.00       | N/A     | ppb   |
| Sodium     | 23-2  | -0.50   | -1.76   | 2.27    | 0.00       | N/A     | ppb   |
| Strontium  | 86-1  | -0.01   | -0.01   | 0.02    | 0.00       | N/A     | ppb   |
| Strontium  | 88-1  | 0.00    | 0.00    | 0.00    | 0.00       | N/A     | ppb   |
| Sulfur     | 34-1  | 100.11  | 260.80  | 50.01   | 136.97     | 80.40   | ppb   |
| Terbium    | 159-1 |         |         |         | 100        |         | %     |
| Terbium    | 159-2 |         |         |         | 100        |         | %     |
| Thallium   | 203-1 | 0.01    | -0.01   | 0.00    | 0.00       | N/A     | ppb   |
| Thallium   | 205-1 | 0.00    | 0.00    | 0.00    | 0.00       | N/A     | ppb   |
| Tin        | 118-1 | -0.02   | -0.01   | 0.04    | 0.00       | N/A     | ppb   |
| Titanium   | 47-1  | 0.02    | 0.00    | -0.02   | 0.00       | N/A     | ppb   |
| Uranium    | 238-1 | 0.00    | 0.00    | 0.00    | 0.00       | N/A     | ppb   |
| Vanadium   | 51-2  | 0.00    | 0.00    | 0.00    | 0.00       | N/A     | ppb   |
| Yttrium    | 89-1  |         |         |         | 100        |         | %     |
| Yttrium    | 89-2  |         |         |         | 100        |         | %     |
| Zinc       | 66-2  | 0.14    | -0.17   | 0.03    | 0.00       | N/A     | ppb   |

|                         |                     |                   |                     |
|-------------------------|---------------------|-------------------|---------------------|
| LB Number :             | LB97237             | Operator :        | Jaswal              |
| Lab Sample ID :         | S0                  | Instrumnet Name : | P8                  |
| Client Sample ID :      | S0                  | Dilution Factor : | 1                   |
| Date & Time Acquired :: | 2018-08-10 11:52:50 | DataFile Name :   | 003CALB_P8081018-MS |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|-----------|------|---------|---------|---------|------------|---------|-------|
| Zirconium | 90-1 | 0.00    | -0.01   | 0.01    | 0.00       | N/A     | ppb   |
| Zirconium | 91-1 | -0.01   | 0.01    | 0.00    | 0.00       | N/A     | ppb   |

|                         |                     |                   |                     |
|-------------------------|---------------------|-------------------|---------------------|
| LB Number :             | LB97237             | Operator :        | Jaswal              |
| Lab Sample ID :         | S2                  | Instrumnet Name : | P8                  |
| Client Sample ID :      | S2                  | Dilution Factor : | 1                   |
| Date & Time Acquired :: | 2018-08-10 12:00:24 | DataFile Name :   | 005CALS_P8081018-MS |

| Parameter  | Mass  | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|------------|-------|---------|---------|---------|------------|---------|-------|
| Aluminium  | 27-2  | 20.10   | 21.20   | 26.54   | 22.61      | 15.25   | ppb   |
| Antimony   | 121-1 | 1.88    | 1.88    | 1.90    | 1.89       | 0.50    | ppb   |
| Arsenic    | 75-2  | 0.95    | 0.81    | 0.92    | 0.90       | 8.06    | ppb   |
| Barium     | 135-1 | 9.39    | 9.02    | 9.08    | 9.17       | 2.15    | ppb   |
| Barium     | 137-1 | 9.43    | 9.11    | 9.05    | 9.20       | 2.23    | ppb   |
| Beryllium  | 9-1   | 0.88    | 0.94    | 0.87    | 0.90       | 4.48    | ppb   |
| Bismuth    | 209-1 |         |         |         | 103        |         | %     |
| Bismuth    | 209-2 |         |         |         | 99         |         | %     |
| Boron      | 10-1  | 19.93   | 23.07   | 22.59   | 21.86      | 7.75    | ppb   |
| Boron      | 11-1  | 22.26   | 22.09   | 22.18   | 22.18      | 0.38    | ppb   |
| Cadmium    | 111-1 | 1.13    | 1.02    | 0.84    | 1.00       | 14.98   | ppb   |
| Cadmium    | 106-1 | 3.09    | 2.72    | 0.82    | 2.21       | 55.21   | ppb   |
| Cadmium    | 108-1 | 0.80    | 1.19    | 0.91    | 0.97       | 20.35   | ppb   |
| Calcium    | 43-1  | 425.76  | 435.71  | 448.07  | 436.51     | 2.56    | ppb   |
| Calcium    | 44-1  | 457.38  | 434.09  | 428.33  | 439.93     | 3.50    | ppb   |
| Chromium   | 52-2  | 2.06    | 1.91    | 2.51    | 2.16       | 14.56   | ppb   |
| Cobalt     | 59-2  | 0.92    | 0.93    | 1.03    | 0.96       | 6.30    | ppb   |
| Copper     | 63-2  | 1.77    | 1.59    | 2.10    | 1.82       | 14.31   | 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 |         |         |         | 102        |         | %     |
| Holmium    | 165-2 |         |         |         | 99         |         | %     |
| Indium     | 115-1 |         |         |         | 103        |         | %     |
| Indium     | 115-2 |         |         |         | 100        |         | %     |
| Iron       | 56-2  | 49.84   | 48.80   | 57.96   | 52.20      | 9.61    | ppb   |
| Iron       | 57-2  | 49.57   | 46.49   | 52.24   | 49.44      | 5.82    | ppb   |
| Krypton    | 83-1  |         |         |         |            |         | cps   |
| Lead       | 206-1 | 0.94    | 0.97    | 0.92    | 0.95       | 2.65    | ppb   |
| Lead       | 207-1 | 0.90    | 0.93    | 0.91    | 0.91       | 1.99    | ppb   |
| Lead       | 208-1 | 0.93    | 0.92    | 0.91    | 0.92       | 1.32    | ppb   |
| Lithium    | 6-1   |         |         |         | 103        |         | %     |
| Magnesium  | 24-2  | 463.76  | 460.86  | 542.68  | 489.10     | 9.49    | ppb   |

|                         |                     |                   |                     |
|-------------------------|---------------------|-------------------|---------------------|
| LB Number :             | LB97237             | Operator :        | Jaswal              |
| Lab Sample ID :         | S2                  | Instrumnet Name : | P8                  |
| Client Sample ID :      | S2                  | Dilution Factor : | 1                   |
| Date & Time Acquired :: | 2018-08-10 12:00:24 | DataFile Name :   | 005CAL5_P8081018-MS |

| Parameter  | Mass  | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|------------|-------|---------|---------|---------|------------|---------|-------|
| Manganese  | 55-2  | 0.79    | 0.91    | 1.27    | 0.99       | 25.22   | ppb   |
| Molybdenum | 94-1  | 4.64    | 4.40    | 4.37    | 4.47       | 3.28    | ppb   |
| Molybdenum | 95-1  | 4.56    | 4.35    | 4.38    | 4.43       | 2.55    | ppb   |
| Molybdenum | 96-1  | 4.62    | 4.68    | 4.59    | 4.63       | 1.03    | ppb   |
| Molybdenum | 97-1  | 4.43    | 4.74    | 4.61    | 4.59       | 3.34    | ppb   |
| Molybdenum | 98-1  | 4.62    | 4.76    | 4.45    | 4.61       | 3.33    | ppb   |
| Neodymium  | 150-1 |         |         |         |            |         | cps   |
| Neodymium  | 150-2 |         |         |         |            |         | cps   |
| Nickel     | 60-2  | 1.17    | 1.14    | 1.45    | 1.26       | 13.63   | ppb   |
| Phosphorus | 31-2  | -17.95  | 7.71    | -17.95  | -9.39      |         | ppb   |
| Potassium  | 39-2  | 432.31  | 437.59  | 543.29  | 471.06     | 13.29   | ppb   |
| Rhodium    | 103-1 |         |         |         | 101        |         | %     |
| Rhodium    | 103-2 |         |         |         | 100        |         | %     |
| Scandium   | 45-1  |         |         |         | 102        |         | %     |
| Scandium   | 45-2  |         |         |         | 100        |         | %     |
| Selenium   | 77-2  | 6.10    | 5.93    | 0.00    | 4.01       | 86.63   | ppb   |
| Selenium   | 78-2  | 5.84    | 3.79    | 9.77    | 6.46       | 47.04   | ppb   |
| Selenium   | 82-1  | 4.39    | 4.82    | 4.45    | 4.55       | 5.10    | ppb   |
| Silicon    | 28-1  | 15.78   | 14.03   | 12.76   | 14.19      | 10.69   | ppb   |
| Silver     | 109-1 | 1.04    | 1.06    | 0.98    | 1.03       | 3.87    | ppb   |
| Silver     | 107-1 | 0.95    | 1.01    | 0.99    | 0.98       | 3.42    | ppb   |
| Sodium     | 23-2  | 464.10  | 457.47  | 552.86  | 491.48     | 10.84   | ppb   |
| Strontium  | 86-1  | 1.03    | 0.93    | 0.97    | 0.98       | 5.01    | ppb   |
| Strontium  | 88-1  | 0.97    | 0.95    | 0.98    | 0.96       | 1.36    | ppb   |
| Sulfur     | 34-1  | 10.66   | -60.57  | -361.01 | -136.97    |         | ppb   |
| Terbium    | 159-1 |         |         |         | 102        |         | %     |
| Terbium    | 159-2 |         |         |         | 100        |         | %     |
| Thallium   | 203-1 | 0.90    | 0.92    | 1.00    | 0.94       | 5.62    | ppb   |
| Thallium   | 205-1 | 0.97    | 0.92    | 0.91    | 0.93       | 3.06    | ppb   |
| Tin        | 118-1 | 4.64    | 4.76    | 4.54    | 4.65       | 2.41    | ppb   |
| Titanium   | 47-1  | 4.83    | 4.53    | 4.42    | 4.59       | 4.65    | ppb   |
| Uranium    | 238-1 | 0.92    | 0.91    | 0.88    | 0.90       | 2.72    | ppb   |
| Vanadium   | 51-2  | 4.68    | 4.99    | 5.14    | 4.94       | 4.68    | ppb   |
| Yttrium    | 89-1  |         |         |         | 102        |         | %     |
| Yttrium    | 89-2  |         |         |         | 99         |         | %     |
| Zinc       | 66-2  | 1.50    | 1.43    | 2.02    | 1.65       | 19.60   | ppb   |



|                         |                     |                   |                     |
|-------------------------|---------------------|-------------------|---------------------|
| LB Number :             | LB97237             | Operator :        | Jaswal              |
| Lab Sample ID :         | S2                  | Instrumnet Name : | P8                  |
| Client Sample ID :      | S2                  | Dilution Factor : | 1                   |
| Date & Time Acquired :: | 2018-08-10 12:00:24 | DataFile Name :   | 005CALS_P8081018-MS |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|-----------|------|---------|---------|---------|------------|---------|-------|
| Zirconium | 90-1 | 0.90    | 0.86    | 0.86    | 0.87       | 2.57    | ppb   |
| Zirconium | 91-1 | 0.86    | 0.90    | 0.81    | 0.86       | 5.32    | ppb   |

|                         |                     |                   |                     |
|-------------------------|---------------------|-------------------|---------------------|
| LB Number :             | LB97237             | Operator :        | Jaswal              |
| Lab Sample ID :         | S3                  | Instrumnet Name : | P8                  |
| Client Sample ID :      | S3                  | Dilution Factor : | 1                   |
| Date & Time Acquired :: | 2018-08-10 12:04:08 | DataFile Name :   | 006CAL5_P8081018-MS |

| Parameter  | Mass  | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|------------|-------|---------|---------|---------|------------|---------|-------|
| Aluminium  | 27-2  | 999.68  | 1011.92 | 1004.83 | 1005.48    | 0.61    | ppb   |
| Antimony   | 121-1 | 49.28   | 50.03   | 52.27   | 50.53      | 3.07    | ppb   |
| Arsenic    | 75-2  | 48.73   | 49.03   | 47.63   | 48.46      | 1.53    | ppb   |
| Barium     | 135-1 | 252.11  | 249.90  | 264.77  | 255.59     | 3.14    | ppb   |
| Barium     | 137-1 | 254.86  | 253.38  | 266.17  | 258.14     | 2.71    | ppb   |
| Beryllium  | 9-1   | 52.01   | 50.81   | 52.00   | 51.60      | 1.34    | ppb   |
| Bismuth    | 209-1 |         |         |         | 102        |         | %     |
| Bismuth    | 209-2 |         |         |         | 104        |         | %     |
| Boron      | 10-1  | 51.34   | 50.93   | 51.64   | 51.30      | 0.69    | ppb   |
| Boron      | 11-1  | 50.46   | 49.17   | 53.71   | 51.11      | 4.57    | ppb   |
| Cadmium    | 111-1 | 50.85   | 51.34   | 53.62   | 51.93      | 2.84    | ppb   |
| Cadmium    | 106-1 | 52.40   | 55.29   | 56.00   | 54.56      | 3.50    | ppb   |
| Cadmium    | 108-1 | 51.51   | 52.91   | 53.23   | 52.55      | 1.74    | ppb   |
| Calcium    | 43-1  | 4919.35 | 4850.46 | 5058.87 | 4942.89    | 2.15    | ppb   |
| Calcium    | 44-1  | 4918.31 | 4940.67 | 5172.76 | 5010.58    | 2.81    | ppb   |
| Chromium   | 52-2  | 50.34   | 51.41   | 49.47   | 50.41      | 1.93    | ppb   |
| Cobalt     | 59-2  | 50.32   | 49.74   | 50.45   | 50.17      | 0.75    | ppb   |
| Copper     | 63-2  | 101.57  | 102.56  | 102.10  | 102.08     | 0.49    | ppb   |
| Dysprosium | 156-1 |         |         |         |            |         | cps   |
| Dysprosium | 156-2 |         |         |         |            |         | cps   |
| Erbium     | 164-1 |         |         |         |            |         | cps   |
| Erbium     | 164-2 |         |         |         |            |         | cps   |
| Gadolinium | 160-1 |         |         |         |            |         | cps   |
| Gadolinium | 160-2 |         |         |         |            |         | cps   |
| Holmium    | 165-1 |         |         |         | 103        |         | %     |
| Holmium    | 165-2 |         |         |         | 106        |         | %     |
| Indium     | 115-1 |         |         |         | 102        |         | %     |
| Indium     | 115-2 |         |         |         | 105        |         | %     |
| Iron       | 56-2  | 2657.07 | 2661.01 | 2657.84 | 2658.64    | 0.08    | ppb   |
| Iron       | 57-2  | 2601.55 | 2713.23 | 2630.65 | 2648.48    | 2.19    | ppb   |
| Krypton    | 83-1  |         |         |         |            |         | cps   |
| Lead       | 206-1 | 49.53   | 49.63   | 51.95   | 50.37      | 2.71    | ppb   |
| Lead       | 207-1 | 49.24   | 49.47   | 51.83   | 50.18      | 2.86    | ppb   |
| Lead       | 208-1 | 49.27   | 49.35   | 51.75   | 50.13      | 2.81    | ppb   |
| Lithium    | 6-1   |         |         |         | 102        |         | %     |
| Magnesium  | 24-2  | 5211.20 | 5239.66 | 5205.31 | 5218.73    | 0.35    | ppb   |

|                         |                     |                   |                     |
|-------------------------|---------------------|-------------------|---------------------|
| LB Number :             | LB97237             | Operator :        | Jaswal              |
| Lab Sample ID :         | S3                  | Instrumnet Name : | P8                  |
| Client Sample ID :      | S3                  | Dilution Factor : | 1                   |
| Date & Time Acquired :: | 2018-08-10 12:04:08 | DataFile Name :   | 006CAL5_P8081018-MS |

| Parameter  | Mass  | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|------------|-------|---------|---------|---------|------------|---------|-------|
| Manganese  | 55-2  | 97.02   | 101.67  | 101.04  | 99.91      | 2.52    | ppb   |
| Molybdenum | 94-1  | 246.08  | 248.66  | 265.86  | 253.53     | 4.24    | ppb   |
| Molybdenum | 95-1  | 246.35  | 247.67  | 263.57  | 252.53     | 3.80    | ppb   |
| Molybdenum | 96-1  | 245.43  | 245.10  | 261.71  | 250.75     | 3.79    | ppb   |
| Molybdenum | 97-1  | 245.37  | 246.10  | 263.28  | 251.58     | 4.03    | ppb   |
| Molybdenum | 98-1  | 252.44  | 249.54  | 263.81  | 255.26     | 2.95    | ppb   |
| Neodymium  | 150-1 |         |         |         |            |         | cps   |
| Neodymium  | 150-2 |         |         |         |            |         | cps   |
| Nickel     | 60-2  | 51.31   | 51.16   | 50.80   | 51.09      | 0.51    | ppb   |
| Phosphorus | 31-2  | 1117.51 | 861.12  | 962.68  | 980.43     | 13.17   | ppb   |
| Potassium  | 39-2  | 2398.83 | 2593.54 | 2508.97 | 2500.45    | 3.90    | ppb   |
| Rhodium    | 103-1 |         |         |         | 102        |         | %     |
| Rhodium    | 103-2 |         |         |         | 104        |         | %     |
| Scandium   | 45-1  |         |         |         | 103        |         | %     |
| Scandium   | 45-2  |         |         |         | 105        |         | %     |
| Selenium   | 77-2  | 77.34   | 71.13   | 53.41   | 67.29      | 18.46   | ppb   |
| Selenium   | 78-2  | 55.96   | 44.42   | 52.03   | 50.80      | 11.56   | ppb   |
| Selenium   | 82-1  | 51.84   | 52.49   | 53.35   | 52.56      | 1.44    | ppb   |
| Silicon    | 28-1  | 59.90   | 61.00   | 66.66   | 62.52      | 5.80    | ppb   |
| Silver     | 109-1 | 52.46   | 52.58   | 54.65   | 53.23      | 2.32    | ppb   |
| Silver     | 107-1 | 51.62   | 51.67   | 53.89   | 52.39      | 2.47    | ppb   |
| Sodium     | 23-2  | 5202.16 | 5186.07 | 5145.57 | 5177.93    | 0.56    | ppb   |
| Strontium  | 86-1  | 49.45   | 49.41   | 52.83   | 50.56      | 3.89    | ppb   |
| Strontium  | 88-1  | 49.73   | 50.09   | 53.08   | 50.97      | 3.60    | ppb   |
| Sulfur     | 34-1  | 749.48  | 884.12  | 1587.88 | 1073.82    | 41.93   | ppb   |
| Terbium    | 159-1 |         |         |         | 103        |         | %     |
| Terbium    | 159-2 |         |         |         | 106        |         | %     |
| Thallium   | 203-1 | 49.68   | 49.74   | 52.08   | 50.50      | 2.72    | ppb   |
| Thallium   | 205-1 | 49.92   | 49.66   | 52.49   | 50.69      | 3.09    | ppb   |
| Tin        | 118-1 | 50.87   | 50.63   | 53.05   | 51.52      | 2.59    | ppb   |
| Titanium   | 47-1  | 245.78  | 247.55  | 261.90  | 251.74     | 3.51    | ppb   |
| Uranium    | 238-1 | 47.89   | 48.59   | 50.47   | 48.98      | 2.73    | ppb   |
| Vanadium   | 51-2  | 50.68   | 49.50   | 50.62   | 50.26      | 1.32    | ppb   |
| Yttrium    | 89-1  |         |         |         | 103        |         | %     |
| Yttrium    | 89-2  |         |         |         | 105        |         | %     |
| Zinc       | 66-2  | 102.08  | 98.39   | 100.83  | 100.43     | 1.86    | ppb   |

|                         |                     |                   |                     |
|-------------------------|---------------------|-------------------|---------------------|
| LB Number :             | LB97237             | Operator :        | Jaswal              |
| Lab Sample ID :         | S3                  | Instrumnet Name : | P8                  |
| Client Sample ID :      | S3                  | Dilution Factor : | 1                   |
| Date & Time Acquired :: | 2018-08-10 12:04:08 | DataFile Name :   | 006CALS_P8081018-MS |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|-----------|------|---------|---------|---------|------------|---------|-------|
| Zirconium | 90-1 | 48.29   | 48.80   | 52.57   | 49.88      | 4.68    | ppb   |
| Zirconium | 91-1 | 47.92   | 48.10   | 52.27   | 49.43      | 4.98    | ppb   |

|                         |                     |                   |                     |
|-------------------------|---------------------|-------------------|---------------------|
| LB Number :             | LB97237             | Operator :        | Jaswal              |
| Lab Sample ID :         | S4                  | Instrumnet Name : | P8                  |
| Client Sample ID :      | S4                  | Dilution Factor : | 1                   |
| Date & Time Acquired :: | 2018-08-10 12:07:51 | DataFile Name :   | 007CAL5_P8081018-MS |

| Parameter  | Mass  | ConRep1  | ConRep2  | ConRep3  | Avg. Conc. | ConcRSD | Units |
|------------|-------|----------|----------|----------|------------|---------|-------|
| Aluminium  | 27-2  | 2573.71  | 2530.88  | 2542.10  | 2548.90    | 0.87    | ppb   |
| Antimony   | 121-1 | 124.62   | 127.12   | 123.89   | 125.21     | 1.35    | ppb   |
| Arsenic    | 75-2  | 127.97   | 123.86   | 120.62   | 124.15     | 2.97    | ppb   |
| Barium     | 135-1 | 626.71   | 641.12   | 619.40   | 629.08     | 1.76    | ppb   |
| Barium     | 137-1 | 631.27   | 648.80   | 626.36   | 635.48     | 1.86    | ppb   |
| Beryllium  | 9-1   | 124.84   | 126.08   | 125.25   | 125.39     | 0.51    | ppb   |
| Bismuth    | 209-1 |          |          |          | 105        |         | %     |
| Bismuth    | 209-2 |          |          |          | 104        |         | %     |
| Boron      | 10-1  | 122.17   | 122.82   | 124.72   | 123.24     | 1.07    | ppb   |
| Boron      | 11-1  | 119.80   | 122.40   | 121.51   | 121.24     | 1.09    | ppb   |
| Cadmium    | 111-1 | 126.48   | 128.97   | 125.20   | 126.88     | 1.51    | ppb   |
| Cadmium    | 106-1 | 128.24   | 130.41   | 130.61   | 129.75     | 1.01    | ppb   |
| Cadmium    | 108-1 | 130.42   | 128.52   | 126.74   | 128.56     | 1.43    | ppb   |
| Calcium    | 43-1  | 12063.22 | 12310.87 | 11960.34 | 12111.48   | 1.49    | ppb   |
| Calcium    | 44-1  | 12082.50 | 12314.97 | 12102.86 | 12166.78   | 1.06    | ppb   |
| Chromium   | 52-2  | 130.69   | 124.28   | 124.59   | 126.52     | 2.85    | ppb   |
| Cobalt     | 59-2  | 127.80   | 125.94   | 124.36   | 126.03     | 1.37    | ppb   |
| Copper     | 63-2  | 262.76   | 253.93   | 253.47   | 256.72     | 2.04    | 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 |          |          |          | 106        |         | %     |
| Holmium    | 165-2 |          |          |          | 105        |         | %     |
| Indium     | 115-1 |          |          |          | 105        |         | %     |
| Indium     | 115-2 |          |          |          | 103        |         | %     |
| Iron       | 56-2  | 6937.39  | 6712.54  | 6691.98  | 6780.63    | 2.01    | ppb   |
| Iron       | 57-2  | 6789.11  | 6673.98  | 6654.15  | 6705.74    | 1.09    | ppb   |
| Krypton    | 83-1  |          |          |          |            |         | cps   |
| Lead       | 206-1 | 123.11   | 124.30   | 122.06   | 123.16     | 0.91    | ppb   |
| Lead       | 207-1 | 122.29   | 124.16   | 121.48   | 122.64     | 1.12    | ppb   |
| Lead       | 208-1 | 124.59   | 125.33   | 122.15   | 124.03     | 1.34    | ppb   |
| Lithium    | 6-1   |          |          |          | 105        |         | %     |
| Magnesium  | 24-2  | 13497.49 | 13020.83 | 12964.15 | 13160.83   | 2.23    | ppb   |

|                         |                     |                   |                     |
|-------------------------|---------------------|-------------------|---------------------|
| LB Number :             | LB97237             | Operator :        | Jaswal              |
| Lab Sample ID :         | S4                  | Instrumnet Name : | P8                  |
| Client Sample ID :      | S4                  | Dilution Factor : | 1                   |
| Date & Time Acquired :: | 2018-08-10 12:07:51 | DataFile Name :   | 007CAL5_P8081018-MS |

| Parameter  | Mass  | ConRep1  | ConRep2  | ConRep3  | Avg. Conc. | ConcRSD | Units |
|------------|-------|----------|----------|----------|------------|---------|-------|
| Manganese  | 55-2  | 259.38   | 252.64   | 252.02   | 254.68     | 1.60    | ppb   |
| Molybdenum | 94-1  | 635.90   | 629.20   | 620.50   | 628.53     | 1.23    | ppb   |
| Molybdenum | 95-1  | 629.82   | 627.98   | 626.02   | 627.94     | 0.30    | ppb   |
| Molybdenum | 96-1  | 625.91   | 632.34   | 623.96   | 627.40     | 0.70    | ppb   |
| Molybdenum | 97-1  | 616.73   | 627.61   | 621.83   | 622.05     | 0.87    | ppb   |
| Molybdenum | 98-1  | 624.30   | 628.49   | 622.90   | 625.23     | 0.46    | ppb   |
| Neodymium  | 150-1 |          |          |          |            |         | cps   |
| Neodymium  | 150-2 |          |          |          |            |         | cps   |
| Nickel     | 60-2  | 130.73   | 126.23   | 125.93   | 127.63     | 2.11    | ppb   |
| Phosphorus | 31-2  | 3421.28  | 2630.87  | 2674.14  | 2908.76    | 15.28   | ppb   |
| Potassium  | 39-2  | 6547.31  | 6236.08  | 6368.59  | 6383.99    | 2.45    | ppb   |
| Rhodium    | 103-1 |          |          |          | 103        |         | %     |
| Rhodium    | 103-2 |          |          |          | 102        |         | %     |
| Scandium   | 45-1  |          |          |          | 104        |         | %     |
| Scandium   | 45-2  |          |          |          | 104        |         | %     |
| Selenium   | 77-2  | 149.41   | 124.51   | 118.30   | 130.74     | 12.59   | ppb   |
| Selenium   | 78-2  | 117.11   | 114.37   | 114.10   | 115.19     | 1.44    | ppb   |
| Selenium   | 82-1  | 124.01   | 124.35   | 126.87   | 125.08     | 1.25    | ppb   |
| Silicon    | 28-1  | 149.87   | 151.07   | 148.59   | 149.84     | 0.83    | ppb   |
| Silver     | 109-1 | 129.11   | 132.37   | 127.47   | 129.65     | 1.92    | ppb   |
| Silver     | 107-1 | 126.76   | 128.88   | 126.26   | 127.30     | 1.09    | ppb   |
| Sodium     | 23-2  | 13392.11 | 12929.76 | 12808.56 | 13043.48   | 2.36    | ppb   |
| Strontium  | 86-1  | 123.19   | 124.29   | 121.06   | 122.85     | 1.34    | ppb   |
| Strontium  | 88-1  | 126.14   | 128.37   | 125.81   | 126.77     | 1.10    | ppb   |
| Sulfur     | 34-1  | 2296.13  | 2468.69  | 2092.75  | 2285.86    | 8.23    | ppb   |
| Terbium    | 159-1 |          |          |          | 106        |         | %     |
| Terbium    | 159-2 |          |          |          | 105        |         | %     |
| Thallium   | 203-1 | 123.84   | 125.65   | 122.44   | 123.98     | 1.30    | ppb   |
| Thallium   | 205-1 | 124.89   | 127.33   | 124.01   | 125.41     | 1.37    | ppb   |
| Tin        | 118-1 | 125.35   | 126.74   | 124.23   | 125.44     | 1.00    | ppb   |
| Titanium   | 47-1  | 621.25   | 622.05   | 606.07   | 616.46     | 1.46    | ppb   |
| Uranium    | 238-1 | 124.33   | 125.84   | 119.44   | 123.20     | 2.72    | ppb   |
| Vanadium   | 51-2  | 128.63   | 123.33   | 124.90   | 125.62     | 2.17    | ppb   |
| Yttrium    | 89-1  |          |          |          | 105        |         | %     |
| Yttrium    | 89-2  |          |          |          | 103        |         | %     |
| Zinc       | 66-2  | 261.38   | 252.87   | 252.32   | 255.52     | 1.99    | ppb   |

|                         |                     |                   |                     |
|-------------------------|---------------------|-------------------|---------------------|
| LB Number :             | LB97237             | Operator :        | Jaswal              |
| Lab Sample ID :         | S4                  | Instrumnet Name : | P8                  |
| Client Sample ID :      | S4                  | Dilution Factor : | 1                   |
| Date & Time Acquired :: | 2018-08-10 12:07:51 | DataFile Name :   | 007CALS_P8081018-MS |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|-----------|------|---------|---------|---------|------------|---------|-------|
| Zirconium | 90-1 | 126.22  | 126.01  | 124.30  | 125.51     | 0.84    | ppb   |
| Zirconium | 91-1 | 122.17  | 122.89  | 121.17  | 122.08     | 0.71    | ppb   |

|                         |                     |                   |                     |
|-------------------------|---------------------|-------------------|---------------------|
| LB Number :             | LB97237             | Operator :        | Jaswal              |
| Lab Sample ID :         | S5                  | Instrumnet Name : | P8                  |
| Client Sample ID :      | S5                  | Dilution Factor : | 1                   |
| Date & Time Acquired :: | 2018-08-10 12:11:26 | DataFile Name :   | 008CAL5_P8081018-MS |

| Parameter  | Mass  | ConRep1  | ConRep2  | ConRep3  | Avg. Conc. | ConcRSD | Units |
|------------|-------|----------|----------|----------|------------|---------|-------|
| Aluminium  | 27-2  | 4773.91  | 4835.81  | 5054.10  | 4887.94    | 3.01    | ppb   |
| Antimony   | 121-1 | 249.08   | 270.32   | 279.36   | 266.25     | 5.84    | ppb   |
| Arsenic    | 75-2  | 246.70   | 242.78   | 259.87   | 249.78     | 3.58    | ppb   |
| Barium     | 135-1 | 1244.81  | 1353.82  | 1391.78  | 1330.13    | 5.74    | ppb   |
| Barium     | 137-1 | 1231.25  | 1343.50  | 1375.50  | 1316.75    | 5.75    | ppb   |
| Beryllium  | 9-1   | 245.10   | 262.52   | 275.12   | 260.91     | 5.78    | ppb   |
| Bismuth    | 209-1 |          |          |          | 100        |         | %     |
| Bismuth    | 209-2 |          |          |          | 103        |         | %     |
| Boron      | 10-1  | 236.83   | 259.97   | 275.12   | 257.31     | 7.49    | ppb   |
| Boron      | 11-1  | 236.47   | 257.84   | 277.12   | 257.14     | 7.91    | ppb   |
| Cadmium    | 111-1 | 249.93   | 269.28   | 276.98   | 265.40     | 5.25    | ppb   |
| Cadmium    | 106-1 | 245.83   | 272.58   | 280.12   | 266.17     | 6.77    | ppb   |
| Cadmium    | 108-1 | 252.67   | 267.94   | 279.39   | 266.66     | 5.03    | ppb   |
| Calcium    | 43-1  | 23889.33 | 26155.45 | 26430.84 | 25491.87   | 5.47    | ppb   |
| Calcium    | 44-1  | 23646.26 | 26001.48 | 26048.44 | 25232.06   | 5.44    | ppb   |
| Chromium   | 52-2  | 246.83   | 244.67   | 256.72   | 249.41     | 2.58    | ppb   |
| Cobalt     | 59-2  | 245.34   | 243.30   | 255.02   | 247.89     | 2.53    | ppb   |
| Copper     | 63-2  | 496.40   | 494.28   | 517.25   | 502.64     | 2.52    | ppb   |
| Dysprosium | 156-1 |          |          |          |            |         | cps   |
| Dysprosium | 156-2 |          |          |          |            |         | cps   |
| Erbium     | 164-1 |          |          |          |            |         | cps   |
| Erbium     | 164-2 |          |          |          |            |         | cps   |
| Gadolinium | 160-1 |          |          |          |            |         | cps   |
| Gadolinium | 160-2 |          |          |          |            |         | cps   |
| Holmium    | 165-1 |          |          |          | 101        |         | %     |
| Holmium    | 165-2 |          |          |          | 107        |         | %     |
| Indium     | 115-1 |          |          |          | 100        |         | %     |
| Indium     | 115-2 |          |          |          | 104        |         | %     |
| Iron       | 56-2  | 13050.45 | 13011.19 | 13583.14 | 13214.93   | 2.42    | ppb   |
| Iron       | 57-2  | 12935.40 | 12947.57 | 13581.89 | 13154.95   | 2.81    | ppb   |
| Krypton    | 83-1  |          |          |          |            |         | cps   |
| Lead       | 206-1 | 243.02   | 265.80   | 269.30   | 259.37     | 5.50    | ppb   |
| Lead       | 207-1 | 244.28   | 267.02   | 272.01   | 261.10     | 5.66    | ppb   |
| Lead       | 208-1 | 247.57   | 268.86   | 272.14   | 262.86     | 5.07    | ppb   |
| Lithium    | 6-1   |          |          |          | 100        |         | %     |
| Magnesium  | 24-2  | 25428.29 | 25389.45 | 26693.52 | 25837.08   | 2.87    | ppb   |



|                         |                     |                   |                     |
|-------------------------|---------------------|-------------------|---------------------|
| LB Number :             | LB97237             | Operator :        | Jaswal              |
| Lab Sample ID :         | S5                  | Instrumnet Name : | P8                  |
| Client Sample ID :      | S5                  | Dilution Factor : | 1                   |
| Date & Time Acquired :: | 2018-08-10 12:11:26 | DataFile Name :   | 008CAL5_P8081018-MS |

| Parameter  | Mass  | ConRep1  | ConRep2  | ConRep3  | Avg. Conc. | ConcRSD | Units |
|------------|-------|----------|----------|----------|------------|---------|-------|
| Manganese  | 55-2  | 493.09   | 489.47   | 512.84   | 498.47     | 2.52    | ppb   |
| Molybdenum | 94-1  | 1226.00  | 1318.41  | 1365.52  | 1303.31    | 5.45    | ppb   |
| Molybdenum | 95-1  | 1235.93  | 1323.73  | 1359.36  | 1306.34    | 4.86    | ppb   |
| Molybdenum | 96-1  | 1230.07  | 1303.38  | 1358.28  | 1297.24    | 4.96    | ppb   |
| Molybdenum | 97-1  | 1238.30  | 1330.82  | 1368.82  | 1312.64    | 5.11    | ppb   |
| Molybdenum | 98-1  | 1218.25  | 1316.13  | 1348.14  | 1294.17    | 5.23    | ppb   |
| Neodymium  | 150-1 |          |          |          |            |         | cps   |
| Neodymium  | 150-2 |          |          |          |            |         | cps   |
| Nickel     | 60-2  | 252.85   | 249.28   | 259.69   | 253.94     | 2.08    | ppb   |
| Phosphorus | 31-2  | 4358.89  | 4377.81  | 5305.27  | 4680.66    | 11.56   | ppb   |
| Potassium  | 39-2  | 12148.90 | 12242.97 | 12653.15 | 12348.34   | 2.17    | ppb   |
| Rhodium    | 103-1 |          |          |          | 98         |         | %     |
| Rhodium    | 103-2 |          |          |          | 102        |         | %     |
| Scandium   | 45-1  |          |          |          | 100        |         | %     |
| Scandium   | 45-2  |          |          |          | 104        |         | %     |
| Selenium   | 77-2  | 256.35   | 232.11   | 241.34   | 243.27     | 5.03    | ppb   |
| Selenium   | 78-2  | 248.05   | 240.06   | 263.41   | 250.51     | 4.74    | ppb   |
| Selenium   | 82-1  | 247.74   | 264.11   | 274.22   | 262.02     | 5.10    | ppb   |
| Silicon    | 28-1  | 258.02   | 292.79   | 296.15   | 282.32     | 7.48    | ppb   |
| Silver     | 109-1 | 260.08   | 274.18   | 282.48   | 272.24     | 4.16    | ppb   |
| Silver     | 107-1 | 257.18   | 274.75   | 284.15   | 272.03     | 5.03    | ppb   |
| Sodium     | 23-2  | 25513.14 | 25633.41 | 26794.74 | 25980.43   | 2.72    | ppb   |
| Strontium  | 86-1  | 241.88   | 260.55   | 271.07   | 257.83     | 5.73    | ppb   |
| Strontium  | 88-1  | 245.03   | 263.08   | 274.59   | 260.90     | 5.71    | ppb   |
| Sulfur     | 34-1  | 4263.19  | 5809.00  | 6235.82  | 5436.01    | 19.09   | ppb   |
| Terbium    | 159-1 |          |          |          | 102        |         | %     |
| Terbium    | 159-2 |          |          |          | 106        |         | %     |
| Thallium   | 203-1 | 244.58   | 269.88   | 277.16   | 263.87     | 6.48    | ppb   |
| Thallium   | 205-1 | 244.20   | 265.36   | 275.55   | 261.70     | 6.11    | ppb   |
| Tin        | 118-1 | 245.82   | 271.78   | 277.81   | 265.14     | 6.41    | ppb   |
| Titanium   | 47-1  | 1205.04  | 1337.87  | 1352.59  | 1298.50    | 6.26    | ppb   |
| Uranium    | 238-1 | 245.28   | 264.40   | 270.05   | 259.91     | 4.99    | ppb   |
| Vanadium   | 51-2  | 243.88   | 243.00   | 254.06   | 246.98     | 2.49    | ppb   |
| Yttrium    | 89-1  |          |          |          | 101        |         | %     |
| Yttrium    | 89-2  |          |          |          | 103        |         | %     |
| Zinc       | 66-2  | 500.09   | 497.12   | 520.90   | 506.04     | 2.56    | ppb   |

|                         |                     |                   |                     |
|-------------------------|---------------------|-------------------|---------------------|
| LB Number :             | LB97237             | Operator :        | Jaswal              |
| Lab Sample ID :         | S5                  | Instrumnet Name : | P8                  |
| Client Sample ID :      | S5                  | Dilution Factor : | 1                   |
| Date & Time Acquired :: | 2018-08-10 12:11:26 | DataFile Name :   | 008CALS_P8081018-MS |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|-----------|------|---------|---------|---------|------------|---------|-------|
| Zirconium | 90-1 | 247.71  | 266.66  | 273.73  | 262.70     | 5.12    | ppb   |
| Zirconium | 91-1 | 242.48  | 259.40  | 269.13  | 257.00     | 5.25    | ppb   |

|                         |                     |                   |                     |
|-------------------------|---------------------|-------------------|---------------------|
| LB Number :             | LB97237             | Operator :        | Jaswal              |
| Lab Sample ID :         | S6                  | Instrumnet Name : | P8                  |
| Client Sample ID :      | S6                  | Dilution Factor : | 1                   |
| Date & Time Acquired :: | 2018-08-10 12:14:57 | DataFile Name :   | 009CAL5_P8081018-MS |

| Parameter  | Mass  | ConRep1  | ConRep2  | ConRep3  | Avg. Conc. | ConcRSD | Units |
|------------|-------|----------|----------|----------|------------|---------|-------|
| Aluminium  | 27-2  | 9717.09  | 10025.65 | 10020.47 | 9921.07    | 1.78    | ppb   |
| Antimony   | 121-1 | 487.27   | 496.50   | 506.85   | 496.88     | 1.97    | ppb   |
| Arsenic    | 75-2  | 503.36   | 498.13   | 495.01   | 498.83     | 0.85    | ppb   |
| Barium     | 135-1 | 2449.54  | 2472.47  | 2518.50  | 2480.17    | 1.42    | ppb   |
| Barium     | 137-1 | 2452.97  | 2449.51  | 2507.50  | 2469.99    | 1.32    | ppb   |
| Beryllium  | 9-1   | 488.39   | 484.42   | 509.33   | 494.05     | 2.71    | ppb   |
| Bismuth    | 209-1 |          |          |          | 104        |         | %     |
| Bismuth    | 209-2 |          |          |          | 102        |         | %     |
| Boron      | 10-1  | 485.56   | 493.72   | 501.74   | 493.67     | 1.64    | ppb   |
| Boron      | 11-1  | 473.77   | 490.16   | 511.38   | 491.77     | 3.83    | ppb   |
| Cadmium    | 111-1 | 491.05   | 496.29   | 500.91   | 496.08     | 0.99    | ppb   |
| Cadmium    | 106-1 | 494.90   | 501.13   | 502.89   | 499.64     | 0.84    | ppb   |
| Cadmium    | 108-1 | 497.70   | 497.11   | 507.26   | 500.69     | 1.14    | ppb   |
| Calcium    | 43-1  | 47913.87 | 47115.88 | 50103.18 | 48377.64   | 3.20    | ppb   |
| Calcium    | 44-1  | 47689.10 | 47257.83 | 49611.77 | 48186.24   | 2.60    | ppb   |
| Chromium   | 52-2  | 489.60   | 501.94   | 506.11   | 499.22     | 1.72    | ppb   |
| Cobalt     | 59-2  | 487.44   | 496.03   | 503.01   | 495.49     | 1.57    | ppb   |
| Copper     | 63-2  | 985.83   | 1004.23  | 1017.53  | 1002.53    | 1.59    | ppb   |
| Dysprosium | 156-1 |          |          |          |            |         | cps   |
| Dysprosium | 156-2 |          |          |          |            |         | cps   |
| Erbium     | 164-1 |          |          |          |            |         | cps   |
| Erbium     | 164-2 |          |          |          |            |         | cps   |
| Gadolinium | 160-1 |          |          |          |            |         | cps   |
| Gadolinium | 160-2 |          |          |          |            |         | cps   |
| Holmium    | 165-1 |          |          |          | 107        |         | %     |
| Holmium    | 165-2 |          |          |          | 105        |         | %     |
| Indium     | 115-1 |          |          |          | 103        |         | %     |
| Indium     | 115-2 |          |          |          | 101        |         | %     |
| Iron       | 56-2  | 26104.15 | 26504.99 | 26667.51 | 26425.55   | 1.10    | ppb   |
| Iron       | 57-2  | 25823.40 | 26278.24 | 26824.64 | 26308.76   | 1.91    | ppb   |
| Krypton    | 83-1  |          |          |          |            |         | cps   |
| Lead       | 206-1 | 498.07   | 492.40   | 515.59   | 502.02     | 2.41    | ppb   |
| Lead       | 207-1 | 504.65   | 495.39   | 519.06   | 506.37     | 2.36    | ppb   |
| Lead       | 208-1 | 499.04   | 491.63   | 513.41   | 501.36     | 2.21    | ppb   |
| Lithium    | 6-1   |          |          |          | 104        |         | %     |
| Magnesium  | 24-2  | 52033.45 | 52705.76 | 53176.05 | 52638.42   | 1.09    | ppb   |

|                         |                     |                   |                     |
|-------------------------|---------------------|-------------------|---------------------|
| LB Number :             | LB97237             | Operator :        | Jaswal              |
| Lab Sample ID :         | S6                  | Instrumnet Name : | P8                  |
| Client Sample ID :      | S6                  | Dilution Factor : | 1                   |
| Date & Time Acquired :: | 2018-08-10 12:14:57 | DataFile Name :   | 009CAL5_P8081018-MS |

| Parameter  | Mass  | ConRep1  | ConRep2  | ConRep3  | Avg. Conc. | ConcRSD | Units |
|------------|-------|----------|----------|----------|------------|---------|-------|
| Manganese  | 55-2  | 981.43   | 992.93   | 1007.34  | 993.90     | 1.31    | ppb   |
| Molybdenum | 94-1  | 2438.21  | 2444.27  | 2523.95  | 2468.81    | 1.94    | ppb   |
| Molybdenum | 95-1  | 2462.08  | 2444.52  | 2493.85  | 2466.82    | 1.01    | ppb   |
| Molybdenum | 96-1  | 2461.87  | 2426.31  | 2509.30  | 2465.83    | 1.69    | ppb   |
| Molybdenum | 97-1  | 2421.26  | 2440.20  | 2527.46  | 2462.97    | 2.30    | ppb   |
| Molybdenum | 98-1  | 2471.17  | 2439.93  | 2515.68  | 2475.59    | 1.54    | ppb   |
| Neodymium  | 150-1 |          |          |          |            |         | cps   |
| Neodymium  | 150-2 |          |          |          |            |         | cps   |
| Nickel     | 60-2  | 496.81   | 503.78   | 511.05   | 503.88     | 1.41    | ppb   |
| Phosphorus | 31-2  | 10722.70 | 10047.41 | 9968.63  | 10246.25   | 4.05    | ppb   |
| Potassium  | 39-2  | 24308.40 | 24923.40 | 25143.02 | 24791.61   | 1.75    | ppb   |
| Rhodium    | 103-1 |          |          |          | 101        |         | %     |
| Rhodium    | 103-2 |          |          |          | 100        |         | %     |
| Scandium   | 45-1  |          |          |          | 104        |         | %     |
| Scandium   | 45-2  |          |          |          | 103        |         | %     |
| Selenium   | 77-2  | 481.22   | 640.42   | 394.58   | 505.40     | 24.67   | ppb   |
| Selenium   | 78-2  | 481.67   | 509.51   | 462.59   | 484.59     | 4.87    | ppb   |
| Selenium   | 82-1  | 494.38   | 492.89   | 511.30   | 499.53     | 2.05    | ppb   |
| Silicon    | 28-1  | 501.60   | 484.84   | 526.73   | 504.39     | 4.18    | ppb   |
| Silver     | 109-1 | 505.90   | 500.62   | 507.61   | 504.71     | 0.72    | ppb   |
| Silver     | 107-1 | 498.08   | 500.19   | 512.27   | 503.51     | 1.52    | ppb   |
| Sodium     | 23-2  | 51260.65 | 52146.48 | 52358.44 | 51921.86   | 1.12    | ppb   |
| Strontium  | 86-1  | 494.10   | 486.66   | 503.69   | 494.82     | 1.73    | ppb   |
| Strontium  | 88-1  | 489.70   | 489.20   | 505.71   | 494.87     | 1.90    | ppb   |
| Sulfur     | 34-1  | 9441.88  | 8891.49  | 10184.90 | 9506.09    | 6.83    | ppb   |
| Terbium    | 159-1 |          |          |          | 107        |         | %     |
| Terbium    | 159-2 |          |          |          | 105        |         | %     |
| Thallium   | 203-1 | 496.59   | 491.58   | 515.30   | 501.16     | 2.49    | ppb   |
| Thallium   | 205-1 | 495.05   | 482.21   | 506.52   | 494.59     | 2.46    | ppb   |
| Tin        | 118-1 | 493.27   | 498.01   | 504.01   | 498.43     | 1.08    | ppb   |
| Titanium   | 47-1  | 2469.39  | 2426.33  | 2550.49  | 2482.07    | 2.54    | ppb   |
| Uranium    | 238-1 | 488.34   | 482.38   | 507.77   | 492.83     | 2.69    | ppb   |
| Vanadium   | 51-2  | 489.52   | 500.29   | 507.74   | 499.18     | 1.84    | ppb   |
| Yttrium    | 89-1  |          |          |          | 105        |         | %     |
| Yttrium    | 89-2  |          |          |          | 102        |         | %     |
| Zinc       | 66-2  | 988.52   | 1011.07  | 1024.66  | 1008.08    | 1.81    | ppb   |

|                         |                     |                   |                     |
|-------------------------|---------------------|-------------------|---------------------|
| LB Number :             | LB97237             | Operator :        | Jaswal              |
| Lab Sample ID :         | S6                  | Instrumnet Name : | P8                  |
| Client Sample ID :      | S6                  | Dilution Factor : | 1                   |
| Date & Time Acquired :: | 2018-08-10 12:14:57 | DataFile Name :   | 009CALS_P8081018-MS |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|-----------|------|---------|---------|---------|------------|---------|-------|
| Zirconium | 90-1 | 496.19  | 482.43  | 508.30  | 495.64     | 2.61    | ppb   |
| Zirconium | 91-1 | 488.03  | 481.96  | 499.56  | 489.85     | 1.83    | ppb   |

|                         |                     |                   |                     |
|-------------------------|---------------------|-------------------|---------------------|
| LB Number :             | LB97237             | Operator :        | Jaswal              |
| Lab Sample ID :         | S7                  | Instrumnet Name : | P8                  |
| Client Sample ID :      | S7                  | Dilution Factor : | 1                   |
| Date & Time Acquired :: | 2018-08-10 12:18:24 | DataFile Name :   | 010CAL5_P8081018-MS |

| Parameter  | Mass  | ConRep1   | ConRep2   | ConRep3   | Avg. Conc. | ConcRSD | Units |
|------------|-------|-----------|-----------|-----------|------------|---------|-------|
| Aluminium  | 27-2  | 20741.51  | 19730.87  | 19540.47  | 20004.28   | 3.23    | ppb   |
| Antimony   | 121-1 | 1005.81   | 996.72    | 989.81    | 997.45     | 0.80    | ppb   |
| Arsenic    | 75-2  | 1031.66   | 998.35    | 972.45    | 1000.82    | 2.97    | ppb   |
| Barium     | 135-1 | 5046.16   | 5004.88   | 4916.23   | 4989.09    | 1.33    | ppb   |
| Barium     | 137-1 | 5039.42   | 4991.46   | 4958.92   | 4996.60    | 0.81    | ppb   |
| Beryllium  | 9-1   | 1007.48   | 1008.57   | 984.31    | 1000.12    | 1.37    | ppb   |
| Bismuth    | 209-1 |           |           |           | 103        |         | %     |
| Bismuth    | 209-2 |           |           |           | 98         |         | %     |
| Boron      | 10-1  | 973.39    | 1014.49   | 1016.82   | 1001.57    | 2.44    | ppb   |
| Boron      | 11-1  | 990.14    | 1015.50   | 1002.80   | 1002.82    | 1.26    | ppb   |
| Cadmium    | 111-1 | 1003.08   | 997.83    | 992.41    | 997.78     | 0.53    | ppb   |
| Cadmium    | 106-1 | 1003.00   | 990.93    | 992.01    | 995.31     | 0.67    | ppb   |
| Cadmium    | 108-1 | 1001.48   | 992.86    | 990.41    | 994.92     | 0.58    | ppb   |
| Calcium    | 43-1  | 101724.63 | 99726.80  | 99265.61  | 100239.02  | 1.30    | ppb   |
| Calcium    | 44-1  | 98751.35  | 97195.31  | 96879.57  | 97608.74   | 1.03    | ppb   |
| Chromium   | 52-2  | 1040.28   | 984.67    | 976.03    | 1000.33    | 3.49    | ppb   |
| Cobalt     | 59-2  | 1051.44   | 979.42    | 977.07    | 1002.64    | 4.22    | ppb   |
| Copper     | 63-2  | 2077.73   | 1957.23   | 1956.42   | 1997.13    | 3.50    | ppb   |
| Dysprosium | 156-1 |           |           |           |            |         | cps   |
| Dysprosium | 156-2 |           |           |           |            |         | cps   |
| Erbium     | 164-1 |           |           |           |            |         | cps   |
| Erbium     | 164-2 |           |           |           |            |         | cps   |
| Gadolinium | 160-1 |           |           |           |            |         | cps   |
| Gadolinium | 160-2 |           |           |           |            |         | cps   |
| Holmium    | 165-1 |           |           |           | 106        |         | %     |
| Holmium    | 165-2 |           |           |           | 104        |         | %     |
| Indium     | 115-1 |           |           |           | 102        |         | %     |
| Indium     | 115-2 |           |           |           | 98         |         | %     |
| Iron       | 56-2  | 55100.03  | 52510.30  | 51498.75  | 53036.36   | 3.50    | ppb   |
| Iron       | 57-2  | 54939.37  | 52173.65  | 51316.31  | 52809.78   | 3.59    | ppb   |
| Krypton    | 83-1  |           |           |           |            |         | cps   |
| Lead       | 206-1 | 1001.45   | 995.21    | 993.91    | 996.86     | 0.40    | ppb   |
| Lead       | 207-1 | 1004.74   | 991.73    | 986.51    | 994.33     | 0.94    | ppb   |
| Lead       | 208-1 | 1000.53   | 994.27    | 993.86    | 996.22     | 0.38    | ppb   |
| Lithium    | 6-1   |           |           |           | 102        |         | %     |
| Magnesium  | 24-2  | 107453.01 | 103489.14 | 100775.78 | 103905.98  | 3.23    | ppb   |

|                         |                     |                   |                     |
|-------------------------|---------------------|-------------------|---------------------|
| LB Number :             | LB97237             | Operator :        | Jaswal              |
| Lab Sample ID :         | S7                  | Instrumnet Name : | P8                  |
| Client Sample ID :      | S7                  | Dilution Factor : | 1                   |
| Date & Time Acquired :: | 2018-08-10 12:18:24 | DataFile Name :   | 010CAL5_P8081018-MS |

| Parameter  | Mass  | ConRep1   | ConRep2   | ConRep3   | Avg. Conc. | ConcRSD | Units |
|------------|-------|-----------|-----------|-----------|------------|---------|-------|
| Manganese  | 55-2  | 2065.70   | 1980.81   | 1962.04   | 2002.85    | 2.76    | ppb   |
| Molybdenum | 94-1  | 5052.76   | 4994.34   | 4957.85   | 5001.65    | 0.96    | ppb   |
| Molybdenum | 95-1  | 5025.05   | 4975.40   | 5005.60   | 5002.01    | 0.50    | ppb   |
| Molybdenum | 96-1  | 5029.05   | 5007.15   | 4978.62   | 5004.94    | 0.51    | ppb   |
| Molybdenum | 97-1  | 5000.41   | 5024.44   | 4984.57   | 5003.14    | 0.40    | ppb   |
| Molybdenum | 98-1  | 5013.87   | 4997.33   | 4991.41   | 5000.87    | 0.23    | ppb   |
| Neodymium  | 150-1 |           |           |           |            |         | cps   |
| Neodymium  | 150-2 |           |           |           |            |         | cps   |
| Nickel     | 60-2  | 1032.67   | 980.82    | 976.58    | 996.69     | 3.13    | ppb   |
| Phosphorus | 31-2  | 20276.76  | 19221.90  | 20221.13  | 19906.60   | 2.98    | ppb   |
| Potassium  | 39-2  | 51623.86  | 49106.96  | 48706.66  | 49812.49   | 3.17    | ppb   |
| Rhodium    | 103-1 |           |           |           | 99         |         | %     |
| Rhodium    | 103-2 |           |           |           | 98         |         | %     |
| Scandium   | 45-1  |           |           |           | 102        |         | %     |
| Scandium   | 45-2  |           |           |           | 102        |         | %     |
| Selenium   | 77-2  | 1063.98   | 1063.06   | 865.17    | 997.40     | 11.48   | ppb   |
| Selenium   | 78-2  | 1084.40   | 961.03    | 980.84    | 1008.76    | 6.57    | ppb   |
| Selenium   | 82-1  | 999.24    | 997.88    | 994.17    | 997.10     | 0.26    | ppb   |
| Silicon    | 28-1  | 1001.09   | 979.85    | 976.91    | 985.95     | 1.34    | ppb   |
| Silver     | 109-1 | 993.84    | 993.75    | 986.43    | 991.34     | 0.43    | ppb   |
| Silver     | 107-1 | 999.48    | 991.80    | 985.71    | 992.33     | 0.69    | ppb   |
| Sodium     | 23-2  | 107102.70 | 102013.40 | 100414.55 | 103176.88  | 3.39    | ppb   |
| Strontium  | 86-1  | 1005.85   | 1000.91   | 995.86    | 1000.87    | 0.50    | ppb   |
| Strontium  | 88-1  | 1005.38   | 993.11    | 1000.22   | 999.57     | 0.62    | ppb   |
| Sulfur     | 34-1  | 20370.12  | 20026.95  | 20086.03  | 20161.03   | 0.91    | ppb   |
| Terbium    | 159-1 |           |           |           | 106        |         | %     |
| Terbium    | 159-2 |           |           |           | 104        |         | %     |
| Thallium   | 203-1 | 995.83    | 994.32    | 998.02    | 996.06     | 0.19    | ppb   |
| Thallium   | 205-1 | 1001.63   | 996.02    | 1001.43   | 999.69     | 0.32    | ppb   |
| Tin        | 118-1 | 1008.77   | 994.91    | 986.94    | 996.87     | 1.11    | ppb   |
| Titanium   | 47-1  | 5027.62   | 4990.76   | 4975.08   | 4997.82    | 0.54    | ppb   |
| Uranium    | 238-1 | 1011.85   | 999.75    | 992.55    | 1001.38    | 0.97    | ppb   |
| Vanadium   | 51-2  | 1039.55   | 984.75    | 978.91    | 1001.07    | 3.34    | ppb   |
| Yttrium    | 89-1  |           |           |           | 104        |         | %     |
| Yttrium    | 89-2  |           |           |           | 101        |         | %     |
| Zinc       | 66-2  | 2067.88   | 1955.32   | 1958.02   | 1993.74    | 3.22    | ppb   |

|                         |                     |                   |                     |
|-------------------------|---------------------|-------------------|---------------------|
| LB Number :             | LB97237             | Operator :        | Jaswal              |
| Lab Sample ID :         | S7                  | Instrumnet Name : | P8                  |
| Client Sample ID :      | S7                  | Dilution Factor : | 1                   |
| Date & Time Acquired :: | 2018-08-10 12:18:24 | DataFile Name :   | 010CALS_P8081018-MS |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|-----------|------|---------|---------|---------|------------|---------|-------|
| Zirconium | 90-1 | 1005.44 | 998.84  | 992.56  | 998.95     | 0.64    | ppb   |
| Zirconium | 91-1 | 1012.92 | 999.17  | 999.07  | 1003.72    | 0.79    | ppb   |



|                         |                     |                   |                     |
|-------------------------|---------------------|-------------------|---------------------|
| LB Number :             | LB97237             | Operator :        | Jaswal              |
| Lab Sample ID :         | S8                  | Instrumnet Name : | P8                  |
| Client Sample ID :      | S8                  | Dilution Factor : | 1                   |
| Date & Time Acquired :: | 2018-08-10 12:21:47 | DataFile Name :   | 011CAL5_P8081018-MS |

| Parameter  | Mass  | ConRep1   | ConRep2   | ConRep3   | Avg. Conc. | ConcRSD | Units |
|------------|-------|-----------|-----------|-----------|------------|---------|-------|
| Aluminium  | 27-2  | 99794.82  | 101341.53 | 98897.73  | 100011.36  | 1.24    | ppb   |
| Antimony   | 121-1 | 2.76      | 2.61      | 2.48      | 2.62       | 5.39    | ppb   |
| Arsenic    | 75-2  | 1.88      | 1.60      | 1.66      | 1.71       | 8.81    | ppb   |
| Barium     | 135-1 | 1.02      | 0.91      | 0.83      | 0.92       | 10.29   | ppb   |
| Barium     | 137-1 | 0.94      | 0.92      | 0.92      | 0.93       | 1.50    | ppb   |
| Beryllium  | 9-1   | 0.52      | 0.53      | 0.47      | 0.51       | 5.75    | ppb   |
| Bismuth    | 209-1 |           |           |           | 93         |         | %     |
| Bismuth    | 209-2 |           |           |           | 96         |         | %     |
| Boron      | 10-1  | 54.51     | 45.20     | 42.09     | 47.27      | 13.67   | ppb   |
| Boron      | 11-1  | 50.18     | 44.66     | 41.45     | 45.43      | 9.72    | ppb   |
| Cadmium    | 111-1 | 0.38      | 0.26      | 0.32      | 0.32       | 19.06   | ppb   |
| Cadmium    | 106-1 | 1.68      | 0.54      | 1.49      | 1.23       | 49.49   | ppb   |
| Cadmium    | 108-1 | 0.52      | 0.50      | 0.28      | 0.43       | 30.92   | ppb   |
| Calcium    | 43-1  | 505527.08 | 492947.88 | 501825.59 | 500100.19  | 1.29    | ppb   |
| Calcium    | 44-1  | 508157.66 | 492365.34 | 501445.93 | 500656.31  | 1.58    | ppb   |
| Chromium   | 52-2  | 36.72     | 37.39     | 37.81     | 37.31      | 1.47    | ppb   |
| Cobalt     | 59-2  | 11.47     | 11.65     | 11.37     | 11.50      | 1.23    | ppb   |
| Copper     | 63-2  | 4.16      | 4.21      | 4.33      | 4.23       | 2.09    | ppb   |
| Dysprosium | 156-1 |           |           |           |            |         | cps   |
| Dysprosium | 156-2 |           |           |           |            |         | cps   |
| Erbium     | 164-1 |           |           |           |            |         | cps   |
| Erbium     | 164-2 |           |           |           |            |         | cps   |
| Gadolinium | 160-1 |           |           |           |            |         | cps   |
| Gadolinium | 160-2 |           |           |           |            |         | cps   |
| Holmium    | 165-1 |           |           |           | 101        |         | %     |
| Holmium    | 165-2 |           |           |           | 107        |         | %     |
| Indium     | 115-1 |           |           |           | 97         |         | %     |
| Indium     | 115-2 |           |           |           | 104        |         | %     |
| Iron       | 56-2  | 247388.96 | 253865.75 | 246344.01 | 249199.57  | 1.64    | ppb   |
| Iron       | 57-2  | 250626.14 | 252193.91 | 244964.58 | 249261.54  | 1.53    | ppb   |
| Krypton    | 83-1  |           |           |           |            |         | cps   |
| Lead       | 206-1 | 6.83      | 6.65      | 6.46      | 6.65       | 2.76    | ppb   |
| Lead       | 207-1 | 6.54      | 6.16      | 6.17      | 6.29       | 3.45    | ppb   |
| Lead       | 208-1 | 6.68      | 6.37      | 6.34      | 6.46       | 2.96    | ppb   |
| Lithium    | 6-1   |           |           |           | 101        |         | %     |
| Magnesium  | 24-2  | 496419.38 | 505713.44 | 494550.42 | 498894.41  | 1.20    | ppb   |

|                         |                     |                   |                     |
|-------------------------|---------------------|-------------------|---------------------|
| LB Number :             | LB97237             | Operator :        | Jaswal              |
| Lab Sample ID :         | S8                  | Instrumnet Name : | P8                  |
| Client Sample ID :      | S8                  | Dilution Factor : | 1                   |
| Date & Time Acquired :: | 2018-08-10 12:21:47 | DataFile Name :   | 011CAL5_P8081018-MS |

| Parameter  | Mass  | ConRep1   | ConRep2   | ConRep3   | Avg. Conc. | ConcRSD | Units |
|------------|-------|-----------|-----------|-----------|------------|---------|-------|
| Manganese  | 55-2  | 8.96      | 9.65      | 9.08      | 9.23       | 3.94    | ppb   |
| Molybdenum | 94-1  | 7.34      | 6.37      | 6.30      | 6.67       | 8.74    | ppb   |
| Molybdenum | 95-1  | 9.02      | 8.14      | 8.63      | 8.59       | 5.12    | ppb   |
| Molybdenum | 96-1  | 8.84      | 8.95      | 8.69      | 8.83       | 1.43    | ppb   |
| Molybdenum | 97-1  | 9.17      | 8.16      | 8.42      | 8.58       | 6.08    | ppb   |
| Molybdenum | 98-1  | 9.21      | 8.65      | 8.44      | 8.77       | 4.58    | ppb   |
| Neodymium  | 150-1 |           |           |           |            |         | cps   |
| Neodymium  | 150-2 |           |           |           |            |         | cps   |
| Nickel     | 60-2  | 30.33     | 31.36     | 30.19     | 30.63      | 2.08    | ppb   |
| Phosphorus | 31-2  | 55.53     | -17.95    | 6.14      | 14.58      | 257.00  | ppb   |
| Potassium  | 39-2  | 248629.32 | 253430.15 | 248128.41 | 250062.63  | 1.17    | ppb   |
| Rhodium    | 103-1 |           |           |           | 93         |         | %     |
| Rhodium    | 103-2 |           |           |           | 97         |         | %     |
| Scandium   | 45-1  |           |           |           | 102        |         | %     |
| Scandium   | 45-2  |           |           |           | 111        |         | %     |
| Selenium   | 77-2  | 0.00      | 5.82      | 0.00      | 1.94       | 173.21  | ppb   |
| Selenium   | 78-2  | 1.82      | 0.93      | 2.74      | 1.83       | 49.52   | ppb   |
| Selenium   | 82-1  | 1.20      | 1.25      | 0.57      | 1.00       | 37.74   | ppb   |
| Silicon    | 28-1  | 30.65     | 25.54     | 29.32     | 28.50      | 9.31    | ppb   |
| Silver     | 109-1 | 0.12      | 0.12      | 0.11      | 0.11       | 3.06    | ppb   |
| Silver     | 107-1 | 0.11      | 0.10      | 0.09      | 0.10       | 9.27    | ppb   |
| Sodium     | 23-2  | 496795.27 | 507391.85 | 493137.06 | 499108.06  | 1.48    | ppb   |
| Strontium  | 86-1  | 5.07      | 5.22      | 4.88      | 5.06       | 3.37    | ppb   |
| Strontium  | 88-1  | 5.24      | 5.02      | 5.04      | 5.10       | 2.38    | ppb   |
| Sulfur     | 34-1  | -182.38   | -467.50   | -477.22   | -375.70    |         | ppb   |
| Terbium    | 159-1 |           |           |           | 102        |         | %     |
| Terbium    | 159-2 |           |           |           | 107        |         | %     |
| Thallium   | 203-1 | 0.69      | 0.65      | 0.65      | 0.66       | 3.57    | ppb   |
| Thallium   | 205-1 | 0.72      | 0.66      | 0.65      | 0.68       | 5.13    | ppb   |
| Tin        | 118-1 | 4.36      | 3.94      | 3.86      | 4.05       | 6.64    | ppb   |
| Titanium   | 47-1  | 2.73      | 2.76      | 2.44      | 2.64       | 6.63    | ppb   |
| Uranium    | 238-1 | 0.11      | 0.09      | 0.09      | 0.10       | 11.87   | ppb   |
| Vanadium   | 51-2  | 0.40      | 0.35      | 0.43      | 0.39       | 9.91    | ppb   |
| Yttrium    | 89-1  |           |           |           | 100        |         | %     |
| Yttrium    | 89-2  |           |           |           | 108        |         | %     |
| Zinc       | 66-2  | 17.59     | 18.32     | 16.84     | 17.58      | 4.23    | ppb   |

|                         |                     |                   |                     |
|-------------------------|---------------------|-------------------|---------------------|
| LB Number :             | LB97237             | Operator :        | Jaswal              |
| Lab Sample ID :         | S8                  | Instrumnet Name : | P8                  |
| Client Sample ID :      | S8                  | Dilution Factor : | 1                   |
| Date & Time Acquired :: | 2018-08-10 12:21:47 | DataFile Name :   | 011CALS_P8081018-MS |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|-----------|------|---------|---------|---------|------------|---------|-------|
| Zirconium | 90-1 | 0.22    | 0.25    | 0.20    | 0.23       | 10.40   | ppb   |
| Zirconium | 91-1 | 0.18    | 0.21    | 0.20    | 0.20       | 9.80    | ppb   |

|                         |                     |                   |                      |
|-------------------------|---------------------|-------------------|----------------------|
| LB Number :             | LB97237             | Operator :        | Jaswal               |
| Lab Sample ID :         | ICV01               | Instrumnet Name : | P8                   |
| Client Sample ID :      | ICV01               | Dilution Factor : | 1                    |
| Date & Time Acquired :: | 2018-08-10 12:34:25 | DataFile Name :   | 012ICV01_P8081018-MS |

| Parameter  | Mass  | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|------------|-------|---------|---------|---------|------------|---------|-------|
| Aluminium  | 27-2  | 495.45  | 550.55  | 527.55  | 524.52     | 5.28    | ppb   |
| Antimony   | 121-1 | 197.98  | 192.86  | 204.84  | 198.56     | 3.03    | ppb   |
| Arsenic    | 75-2  | 197.05  | 206.92  | 205.38  | 203.12     | 2.61    | ppb   |
| Barium     | 135-1 | 99.07   | 98.39   | 101.26  | 99.58      | 1.51    | ppb   |
| Barium     | 137-1 | 99.08   | 98.62   | 102.94  | 100.21     | 2.37    | ppb   |
| Beryllium  | 9-1   | 101.70  | 98.56   | 103.35  | 101.20     | 2.40    | ppb   |
| Bismuth    | 209-1 |         |         |         | 100        |         | %     |
| Bismuth    | 209-2 |         |         |         | 101        |         | %     |
| Boron      | 10-1  | 515.63  | 525.08  | 557.88  | 532.86     | 4.16    | ppb   |
| Boron      | 11-1  | 517.88  | 524.81  | 559.35  | 534.01     | 4.16    | ppb   |
| Cadmium    | 111-1 | 102.53  | 102.95  | 105.28  | 103.59     | 1.43    | ppb   |
| Cadmium    | 106-1 | 158.49  | 165.16  | 166.22  | 163.29     | 2.56    | ppb   |
| Cadmium    | 108-1 | 132.45  | 128.06  | 137.27  | 132.59     | 3.47    | ppb   |
| Calcium    | 43-1  | 2017.75 | 1930.21 | 2108.73 | 2018.90    | 4.42    | ppb   |
| Calcium    | 44-1  | 1987.40 | 1922.56 | 2023.13 | 1977.70    | 2.58    | ppb   |
| Chromium   | 52-2  | 92.31   | 100.21  | 95.14   | 95.89      | 4.17    | ppb   |
| Cobalt     | 59-2  | 93.96   | 102.24  | 95.64   | 97.28      | 4.50    | ppb   |
| Copper     | 63-2  | 95.43   | 102.69  | 97.24   | 98.45      | 3.84    | ppb   |
| Dysprosium | 156-1 |         |         |         |            |         | cps   |
| Dysprosium | 156-2 |         |         |         |            |         | cps   |
| Erbium     | 164-1 |         |         |         |            |         | cps   |
| Erbium     | 164-2 |         |         |         |            |         | cps   |
| Gadolinium | 160-1 |         |         |         |            |         | cps   |
| Gadolinium | 160-2 |         |         |         |            |         | cps   |
| Holmium    | 165-1 |         |         |         | 102        |         | %     |
| Holmium    | 165-2 |         |         |         | 104        |         | %     |
| Indium     | 115-1 |         |         |         | 102        |         | %     |
| Indium     | 115-2 |         |         |         | 105        |         | %     |
| Iron       | 56-2  | 1003.65 | 1100.68 | 1028.40 | 1044.24    | 4.83    | ppb   |
| Iron       | 57-2  | 989.06  | 1102.84 | 1050.75 | 1047.55    | 5.44    | ppb   |
| Krypton    | 83-1  |         |         |         |            |         | cps   |
| Lead       | 206-1 | 195.04  | 191.37  | 202.01  | 196.14     | 2.76    | ppb   |
| Lead       | 207-1 | 188.32  | 183.61  | 194.91  | 188.95     | 3.00    | ppb   |
| Lead       | 208-1 | 192.87  | 189.88  | 200.48  | 194.41     | 2.81    | ppb   |
| Lithium    | 6-1   |         |         |         | 102        |         | %     |
| Magnesium  | 24-2  | 1151.43 | 1285.54 | 1227.54 | 1221.50    | 5.51    | ppb   |

|                         |                     |                   |                      |
|-------------------------|---------------------|-------------------|----------------------|
| LB Number :             | LB97237             | Operator :        | Jaswal               |
| Lab Sample ID :         | ICV01               | Instrumnet Name : | P8                   |
| Client Sample ID :      | ICV01               | Dilution Factor : | 1                    |
| Date & Time Acquired :: | 2018-08-10 12:34:25 | DataFile Name :   | 012ICV01_P8081018-MS |

| Parameter  | Mass  | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|------------|-------|---------|---------|---------|------------|---------|-------|
| Manganese  | 55-2  | 92.73   | 99.57   | 94.88   | 95.73      | 3.66    | ppb   |
| Molybdenum | 94-1  | 1093.99 | 1065.76 | 1110.85 | 1090.20    | 2.09    | ppb   |
| Molybdenum | 95-1  | 538.05  | 517.19  | 541.50  | 532.25     | 2.47    | ppb   |
| Molybdenum | 96-1  | 600.76  | 586.00  | 609.23  | 598.66     | 1.96    | ppb   |
| Molybdenum | 97-1  | 515.28  | 509.21  | 528.62  | 517.71     | 1.92    | ppb   |
| Molybdenum | 98-1  | 529.80  | 514.89  | 537.51  | 527.40     | 2.18    | ppb   |
| Neodymium  | 150-1 |         |         |         |            |         | cps   |
| Neodymium  | 150-2 |         |         |         |            |         | cps   |
| Nickel     | 60-2  | 94.70   | 103.38  | 98.03   | 98.70      | 4.44    | ppb   |
| Phosphorus | 31-2  | -17.95  | 33.03   | 6.18    | 7.09       | 359.79  | ppb   |
| Potassium  | 39-2  | 1969.20 | 2140.64 | 2070.05 | 2059.96    | 4.18    | ppb   |
| Rhodium    | 103-1 |         |         |         | 103        |         | %     |
| Rhodium    | 103-2 |         |         |         | 104        |         | %     |
| Scandium   | 45-1  |         |         |         | 107        |         | %     |
| Scandium   | 45-2  |         |         |         | 112        |         | %     |
| Selenium   | 77-2  | 199.72  | 226.93  | 215.15  | 213.93     | 6.38    | ppb   |
| Selenium   | 78-2  | 167.38  | 198.02  | 188.18  | 184.53     | 8.48    | ppb   |
| Selenium   | 82-1  | 198.06  | 197.15  | 199.01  | 198.08     | 0.47    | ppb   |
| Silicon    | 28-1  | 3.11    | 1.14    | 6.46    | 3.57       | 75.39   | ppb   |
| Silver     | 109-1 | 90.60   | 90.15   | 93.74   | 91.50      | 2.14    | ppb   |
| Silver     | 107-1 | 89.41   | 88.85   | 92.01   | 90.09      | 1.87    | ppb   |
| Sodium     | 23-2  | 1996.63 | 2222.75 | 2073.73 | 2097.70    | 5.48    | ppb   |
| Strontium  | 86-1  | 470.70  | 465.95  | 484.99  | 473.88     | 2.09    | ppb   |
| Strontium  | 88-1  | 472.98  | 466.54  | 488.06  | 475.86     | 2.32    | ppb   |
| Sulfur     | 34-1  | -433.95 | -758.88 | -371.83 | -521.55    |         | ppb   |
| Terbium    | 159-1 |         |         |         | 102        |         | %     |
| Terbium    | 159-2 |         |         |         | 104        |         | %     |
| Thallium   | 203-1 | 196.30  | 194.25  | 205.38  | 198.64     | 2.98    | ppb   |
| Thallium   | 205-1 | 201.34  | 195.49  | 206.78  | 201.20     | 2.81    | ppb   |
| Tin        | 118-1 | 481.04  | 475.55  | 495.34  | 483.98     | 2.11    | ppb   |
| Titanium   | 47-1  | 468.21  | 452.43  | 477.25  | 465.96     | 2.70    | ppb   |
| Uranium    | 238-1 | 446.56  | 432.82  | 460.51  | 446.63     | 3.10    | ppb   |
| Vanadium   | 51-2  | 92.30   | 102.97  | 95.21   | 96.83      | 5.69    | ppb   |
| Yttrium    | 89-1  |         |         |         | 104        |         | %     |
| Yttrium    | 89-2  |         |         |         | 107        |         | %     |
| Zinc       | 66-2  | 190.84  | 212.68  | 194.69  | 199.41     | 5.85    | ppb   |

|                         |                     |                   |                      |
|-------------------------|---------------------|-------------------|----------------------|
| LB Number :             | LB97237             | Operator :        | Jaswal               |
| Lab Sample ID :         | ICV01               | Instrumnet Name : | P8                   |
| Client Sample ID :      | ICV01               | Dilution Factor : | 1                    |
| Date & Time Acquired :: | 2018-08-10 12:34:25 | DataFile Name :   | 012ICV01_P8081018-MS |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|-----------|------|---------|---------|---------|------------|---------|-------|
| Zirconium | 90-1 | 468.30  | 456.69  | 478.18  | 467.73     | 2.30    | ppb   |
| Zirconium | 91-1 | 461.31  | 450.20  | 466.73  | 459.42     | 1.83    | ppb   |

|                         |                     |                   |                       |
|-------------------------|---------------------|-------------------|-----------------------|
| LB Number :             | LB97237             | Operator :        | Jaswal                |
| Lab Sample ID :         | LLICV01             | Instrumnet Name : | P8                    |
| Client Sample ID :      | LLICV01             | Dilution Factor : | 1                     |
| Date & Time Acquired :: | 2018-08-10 12:47:39 | DataFile Name :   | 013LLIC_P8081018-MS.I |

| Parameter  | Mass  | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|------------|-------|---------|---------|---------|------------|---------|-------|
| Aluminium  | 27-2  | 19.03   | 16.78   | 18.46   | 18.09      | 6.45    | ppb   |
| Antimony   | 121-1 | 2.07    | 2.13    | 2.06    | 2.09       | 1.71    | ppb   |
| Arsenic    | 75-2  | 1.11    | 0.92    | 0.98    | 1.00       | 9.72    | ppb   |
| Barium     | 135-1 | 9.47    | 9.35    | 9.41    | 9.41       | 0.66    | ppb   |
| Barium     | 137-1 | 9.16    | 9.32    | 9.70    | 9.39       | 2.95    | ppb   |
| Beryllium  | 9-1   | 1.17    | 1.06    | 1.14    | 1.12       | 5.02    | ppb   |
| Bismuth    | 209-1 |         |         |         | 102        |         | %     |
| Bismuth    | 209-2 |         |         |         | 106        |         | %     |
| Boron      | 10-1  | 30.91   | 32.66   | 32.79   | 32.12      | 3.26    | ppb   |
| Boron      | 11-1  | 29.41   | 30.51   | 30.64   | 30.19      | 2.23    | ppb   |
| Cadmium    | 111-1 | 1.01    | 1.04    | 1.10    | 1.05       | 4.36    | ppb   |
| Cadmium    | 106-1 | 1.39    | 1.32    | 2.81    | 1.84       | 45.70   | ppb   |
| Cadmium    | 108-1 | 0.93    | 0.91    | 0.96    | 0.93       | 2.89    | ppb   |
| Calcium    | 43-1  | 446.17  | 454.67  | 454.44  | 451.76     | 1.07    | ppb   |
| Calcium    | 44-1  | 442.94  | 443.05  | 452.22  | 446.07     | 1.19    | ppb   |
| Chromium   | 52-2  | 2.10    | 1.95    | 1.92    | 1.99       | 5.00    | ppb   |
| Cobalt     | 59-2  | 0.92    | 0.94    | 0.98    | 0.95       | 3.39    | ppb   |
| Copper     | 63-2  | 1.63    | 1.59    | 1.77    | 1.66       | 5.80    | 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 |         |         |         | 104        |         | %     |
| Holmium    | 165-2 |         |         |         | 108        |         | %     |
| Indium     | 115-1 |         |         |         | 105        |         | %     |
| Indium     | 115-2 |         |         |         | 110        |         | %     |
| Iron       | 56-2  | 50.45   | 50.43   | 51.35   | 50.74      | 1.04    | ppb   |
| Iron       | 57-2  | 52.15   | 43.42   | 42.04   | 45.87      | 11.95   | ppb   |
| Krypton    | 83-1  |         |         |         |            |         | cps   |
| Lead       | 206-1 | 0.99    | 1.04    | 0.97    | 1.00       | 3.66    | ppb   |
| Lead       | 207-1 | 1.02    | 0.96    | 0.94    | 0.97       | 4.00    | ppb   |
| Lead       | 208-1 | 0.96    | 0.96    | 0.97    | 0.96       | 0.46    | ppb   |
| Lithium    | 6-1   |         |         |         | 103        |         | %     |
| Magnesium  | 24-2  | 494.78  | 476.27  | 476.06  | 482.37     | 2.23    | ppb   |

|                         |                     |                   |                       |
|-------------------------|---------------------|-------------------|-----------------------|
| LB Number :             | LB97237             | Operator :        | Jaswal                |
| Lab Sample ID :         | LLICV01             | Instrumnet Name : | P8                    |
| Client Sample ID :      | LLICV01             | Dilution Factor : | 1                     |
| Date & Time Acquired :: | 2018-08-10 12:47:39 | DataFile Name :   | 013LLIC_P8081018-MS.I |

| Parameter  | Mass  | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|------------|-------|---------|---------|---------|------------|---------|-------|
| Manganese  | 55-2  | 0.95    | 0.89    | 0.78    | 0.88       | 9.94    | ppb   |
| Molybdenum | 94-1  | 5.52    | 5.38    | 5.21    | 5.37       | 2.91    | ppb   |
| Molybdenum | 95-1  | 4.65    | 4.83    | 4.91    | 4.80       | 2.82    | ppb   |
| Molybdenum | 96-1  | 4.53    | 4.87    | 4.87    | 4.76       | 4.17    | ppb   |
| Molybdenum | 97-1  | 4.31    | 4.80    | 4.50    | 4.54       | 5.45    | ppb   |
| Molybdenum | 98-1  | 4.82    | 4.72    | 4.81    | 4.78       | 1.16    | ppb   |
| Neodymium  | 150-1 |         |         |         |            |         | cps   |
| Neodymium  | 150-2 |         |         |         |            |         | cps   |
| Nickel     | 60-2  | 1.06    | 1.27    | 1.08    | 1.13       | 10.19   | ppb   |
| Phosphorus | 31-2  | 28.51   | 5.64    | 5.60    | 13.25      | 99.76   | ppb   |
| Potassium  | 39-2  | 494.22  | 519.28  | 503.85  | 505.78     | 2.50    | ppb   |
| Rhodium    | 103-1 |         |         |         | 105        |         | %     |
| Rhodium    | 103-2 |         |         |         | 109        |         | %     |
| Scandium   | 45-1  |         |         |         | 110        |         | %     |
| Scandium   | 45-2  |         |         |         | 116        |         | %     |
| Selenium   | 77-2  | 16.67   | 5.64    | 11.28   | 11.19      | 49.25   | ppb   |
| Selenium   | 78-2  | 7.97    | 4.50    | 7.18    | 6.55       | 27.77   | ppb   |
| Selenium   | 82-1  | 5.13    | 4.61    | 4.85    | 4.86       | 5.33    | ppb   |
| Silicon    | 28-1  | 10.18   | 9.67    | 11.45   | 10.43      | 8.78    | ppb   |
| Silver     | 109-1 | 1.00    | 0.94    | 1.05    | 0.99       | 5.42    | ppb   |
| Silver     | 107-1 | 1.04    | 0.93    | 1.03    | 1.00       | 6.31    | ppb   |
| Sodium     | 23-2  | 518.89  | 515.23  | 513.33  | 515.82     | 0.55    | ppb   |
| Strontium  | 86-1  | 0.86    | 0.91    | 1.04    | 0.93       | 9.94    | ppb   |
| Strontium  | 88-1  | 0.98    | 0.99    | 0.98    | 0.98       | 0.97    | ppb   |
| Sulfur     | 34-1  | -569.37 | -580.08 | -391.27 | -513.57    |         | ppb   |
| Terbium    | 159-1 |         |         |         | 103        |         | %     |
| Terbium    | 159-2 |         |         |         | 108        |         | %     |
| Thallium   | 203-1 | 0.95    | 1.04    | 1.00    | 1.00       | 4.77    | ppb   |
| Thallium   | 205-1 | 0.99    | 0.95    | 1.02    | 0.98       | 3.29    | ppb   |
| Tin        | 118-1 | 4.81    | 4.91    | 5.07    | 4.93       | 2.64    | ppb   |
| Titanium   | 47-1  | 4.86    | 4.63    | 4.27    | 4.59       | 6.48    | ppb   |
| Uranium    | 238-1 | 0.89    | 0.91    | 0.92    | 0.91       | 1.56    | ppb   |
| Vanadium   | 51-2  | 4.57    | 4.43    | 4.22    | 4.41       | 3.95    | ppb   |
| Yttrium    | 89-1  |         |         |         | 106        |         | %     |
| Yttrium    | 89-2  |         |         |         | 111        |         | %     |
| Zinc       | 66-2  | 1.89    | 1.78    | 2.11    | 1.93       | 8.73    | ppb   |



|                         |                     |                   |                       |
|-------------------------|---------------------|-------------------|-----------------------|
| LB Number :             | LB97237             | Operator :        | Jaswal                |
| Lab Sample ID :         | LLICV01             | Instrumnet Name : | P8                    |
| Client Sample ID :      | LLICV01             | Dilution Factor : | 1                     |
| Date & Time Acquired :: | 2018-08-10 12:47:39 | DataFile Name :   | 013LLIC_P8081018-MS.I |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|-----------|------|---------|---------|---------|------------|---------|-------|
| Zirconium | 90-1 | 1.43    | 1.45    | 1.40    | 1.43       | 1.67    | ppb   |
| Zirconium | 91-1 | 1.33    | 1.46    | 1.32    | 1.37       | 5.82    | ppb   |

|                         |                     |                   |                     |
|-------------------------|---------------------|-------------------|---------------------|
| LB Number :             | LB97237             | Operator :        | Jaswal              |
| Lab Sample ID :         | ICB01               | Instrumnet Name : | P8                  |
| Client Sample ID :      | ICB01               | Dilution Factor : | 1                   |
| Date & Time Acquired :: | 2018-08-10 12:51:40 | DataFile Name :   | 014CCBE_P8081018-M5 |

| Parameter  | Mass  | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|------------|-------|---------|---------|---------|------------|---------|-------|
| Aluminium  | 27-2  | -0.37   | -0.80   | 0.03    | -0.38      |         | ppb   |
| Antimony   | 121-1 | 0.06    | 0.07    | 0.06    | 0.07       | 11.73   | ppb   |
| Arsenic    | 75-2  | -0.03   | -0.05   | 0.06    | -0.01      |         | ppb   |
| Barium     | 135-1 | 0.00    | 0.02    | 0.01    | 0.01       | 168.67  | ppb   |
| Barium     | 137-1 | 0.00    | -0.01   | 0.01    | 0.00       |         | ppb   |
| Beryllium  | 9-1   | 0.05    | 0.03    | 0.04    | 0.04       | 19.19   | ppb   |
| Bismuth    | 209-1 |         |         |         | 102        |         | %     |
| Bismuth    | 209-2 |         |         |         | 107        |         | %     |
| Boron      | 10-1  | 7.22    | 7.27    | 8.07    | 7.52       | 6.32    | ppb   |
| Boron      | 11-1  | 7.04    | 6.99    | 6.86    | 6.96       | 1.32    | ppb   |
| Cadmium    | 111-1 | -0.02   | 0.07    | -0.03   | 0.01       | 621.40  | ppb   |
| Cadmium    | 106-1 | -0.25   | 0.96    | -0.35   | 0.12       | 605.85  | ppb   |
| Cadmium    | 108-1 | -0.01   | 0.08    | 0.05    | 0.04       | 117.71  | ppb   |
| Calcium    | 43-1  | -4.26   | 2.74    | 1.09    | -0.15      |         | ppb   |
| Calcium    | 44-1  | -1.38   | -2.79   | -2.03   | -2.07      |         | ppb   |
| Chromium   | 52-2  | -0.01   | -0.08   | 0.01    | -0.03      |         | ppb   |
| Cobalt     | 59-2  | -0.01   | 0.00    | -0.01   | 0.00       |         | ppb   |
| Copper     | 63-2  | -0.29   | -0.21   | -0.26   | -0.25      |         | ppb   |
| Dysprosium | 156-1 |         |         |         |            |         | cps   |
| Dysprosium | 156-2 |         |         |         |            |         | cps   |
| Erbium     | 164-1 |         |         |         |            |         | cps   |
| Erbium     | 164-2 |         |         |         |            |         | cps   |
| Gadolinium | 160-1 |         |         |         |            |         | cps   |
| Gadolinium | 160-2 |         |         |         |            |         | cps   |
| Holmium    | 165-1 |         |         |         | 103        |         | %     |
| Holmium    | 165-2 |         |         |         | 109        |         | %     |
| Indium     | 115-1 |         |         |         | 105        |         | %     |
| Indium     | 115-2 |         |         |         | 110        |         | %     |
| Iron       | 56-2  | 0.38    | 0.49    | 0.31    | 0.39       | 22.93   | ppb   |
| Iron       | 57-2  | 1.57    | -0.18   | 2.79    | 1.39       | 107.12  | ppb   |
| Krypton    | 83-1  |         |         |         |            |         | cps   |
| Lead       | 206-1 | 0.03    | 0.02    | 0.02    | 0.02       | 40.13   | ppb   |
| Lead       | 207-1 | 0.03    | 0.01    | 0.03    | 0.02       | 64.08   | ppb   |
| Lead       | 208-1 | 0.02    | 0.02    | 0.02    | 0.02       | 12.50   | ppb   |
| Lithium    | 6-1   |         |         |         | 103        |         | %     |
| Magnesium  | 24-2  | 1.32    | 1.27    | -0.83   | 0.59       | 208.78  | ppb   |

|                         |                     |                   |                     |
|-------------------------|---------------------|-------------------|---------------------|
| LB Number :             | LB97237             | Operator :        | Jaswal              |
| Lab Sample ID :         | ICB01               | Instrumnet Name : | P8                  |
| Client Sample ID :      | ICB01               | Dilution Factor : | 1                   |
| Date & Time Acquired :: | 2018-08-10 12:51:40 | DataFile Name :   | 014CCBE_P8081018-M5 |

| Parameter  | Mass  | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|------------|-------|---------|---------|---------|------------|---------|-------|
| Manganese  | 55-2  | -0.09   | -0.17   | -0.12   | -0.12      |         | ppb   |
| Molybdenum | 94-1  | 0.14    | 0.17    | 0.18    | 0.16       | 14.50   | ppb   |
| Molybdenum | 95-1  | 0.03    | 0.05    | 0.04    | 0.04       | 18.20   | ppb   |
| Molybdenum | 96-1  | 0.08    | 0.05    | 0.06    | 0.06       | 23.25   | ppb   |
| Molybdenum | 97-1  | 0.04    | 0.08    | 0.04    | 0.05       | 39.00   | ppb   |
| Molybdenum | 98-1  | 0.07    | 0.06    | 0.04    | 0.06       | 32.29   | ppb   |
| Neodymium  | 150-1 |         |         |         |            |         | cps   |
| Neodymium  | 150-2 |         |         |         |            |         | cps   |
| Nickel     | 60-2  | -0.03   | -0.01   | 0.07    | 0.01       | 612.86  | ppb   |
| Phosphorus | 31-2  | -17.95  | -17.95  | -17.95  | -17.95     |         | ppb   |
| Potassium  | 39-2  | 20.40   | 24.54   | 14.35   | 19.76      | 25.92   | ppb   |
| Rhodium    | 103-1 |         |         |         | 104        |         | %     |
| Rhodium    | 103-2 |         |         |         | 109        |         | %     |
| Scandium   | 45-1  |         |         |         | 108        |         | %     |
| Scandium   | 45-2  |         |         |         | 117        |         | %     |
| Selenium   | 77-2  | 0.00    | 0.00    | 0.00    | 0.00       | N/A     | ppb   |
| Selenium   | 78-2  | 2.70    | 0.90    | 0.89    | 1.50       | 69.54   | ppb   |
| Selenium   | 82-1  | 0.37    | 0.28    | 0.47    | 0.37       | 26.09   | ppb   |
| Silicon    | 28-1  | -3.02   | -4.05   | -3.22   | -3.43      |         | ppb   |
| Silver     | 109-1 | 0.01    | 0.00    | 0.00    | 0.01       | 68.11   | ppb   |
| Silver     | 107-1 | 0.00    | 0.01    | 0.00    | 0.00       | 64.14   | ppb   |
| Sodium     | 23-2  | 27.23   | 21.92   | 21.96   | 23.70      | 12.88   | ppb   |
| Strontium  | 86-1  | -0.01   | 0.03    | -0.06   | -0.02      |         | ppb   |
| Strontium  | 88-1  | 0.00    | 0.00    | 0.00    | 0.00       |         | ppb   |
| Sulfur     | 34-1  | -79.17  | -541.34 | -247.30 | -289.27    |         | ppb   |
| Terbium    | 159-1 |         |         |         | 104        |         | %     |
| Terbium    | 159-2 |         |         |         | 108        |         | %     |
| Thallium   | 203-1 | 0.03    | 0.03    | 0.03    | 0.03       | 12.36   | ppb   |
| Thallium   | 205-1 | 0.04    | 0.03    | 0.03    | 0.03       | 15.55   | ppb   |
| Tin        | 118-1 | 0.19    | 0.06    | 0.09    | 0.12       | 58.92   | ppb   |
| Titanium   | 47-1  | -0.01   | -0.03   | -0.05   | -0.03      |         | ppb   |
| Uranium    | 238-1 | 0.00    | 0.00    | 0.00    | 0.00       |         | ppb   |
| Vanadium   | 51-2  | -0.01   | -0.01   | 0.01    | -0.01      |         | ppb   |
| Yttrium    | 89-1  |         |         |         | 106        |         | %     |
| Yttrium    | 89-2  |         |         |         | 110        |         | %     |
| Zinc       | 66-2  | 0.56    | 0.27    | 0.38    | 0.41       | 36.00   | ppb   |

|                         |                     |                   |                     |
|-------------------------|---------------------|-------------------|---------------------|
| LB Number :             | LB97237             | Operator :        | Jaswal              |
| Lab Sample ID :         | ICB01               | Instrumnet Name : | P8                  |
| Client Sample ID :      | ICB01               | Dilution Factor : | 1                   |
| Date & Time Acquired :: | 2018-08-10 12:51:40 | DataFile Name :   | 014CCBE_P8081018-MS |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|-----------|------|---------|---------|---------|------------|---------|-------|
| Zirconium | 90-1 | 0.07    | 0.06    | 0.07    | 0.07       | 9.01    | ppb   |
| Zirconium | 91-1 | 0.08    | 0.09    | 0.07    | 0.08       | 12.70   | ppb   |

|                         |                     |                   |                      |
|-------------------------|---------------------|-------------------|----------------------|
| LB Number :             | LB97237             | Operator :        | Jaswal               |
| Lab Sample ID :         | ICSA01              | Instrumnet Name : | P8                   |
| Client Sample ID :      | ICSA01              | Dilution Factor : | 1                    |
| Date & Time Acquired :: | 2018-08-10 12:55:02 | DataFile Name :   | 015ICSA01_P8081018-M |

| Parameter  | Mass  | ConRep1   | ConRep2   | ConRep3   | Avg. Conc. | ConcRSD | Units |
|------------|-------|-----------|-----------|-----------|------------|---------|-------|
| Aluminium  | 27-2  | 93390.86  | 90456.41  | 90335.53  | 91394.26   | 1.89    | ppb   |
| Antimony   | 121-1 | 1.16      | 1.14      | 1.19      | 1.17       | 2.25    | ppb   |
| Arsenic    | 75-2  | 0.41      | 0.27      | 0.15      | 0.28       | 47.06   | ppb   |
| Barium     | 135-1 | 1.58      | 1.50      | 1.57      | 1.55       | 2.87    | ppb   |
| Barium     | 137-1 | 1.37      | 1.51      | 1.42      | 1.43       | 5.16    | ppb   |
| Beryllium  | 9-1   | 0.35      | 0.30      | 0.25      | 0.30       | 16.17   | ppb   |
| Bismuth    | 209-1 |           |           |           | 97         |         | %     |
| Bismuth    | 209-2 |           |           |           | 101        |         | %     |
| Boron      | 10-1  | 7.85      | 9.97      | 8.17      | 8.66       | 13.17   | ppb   |
| Boron      | 11-1  | 8.48      | 8.61      | 8.85      | 8.65       | 2.21    | ppb   |
| Cadmium    | 111-1 | 0.34      | 0.29      | 0.28      | 0.30       | 9.75    | ppb   |
| Cadmium    | 106-1 | 0.56      | -0.81     | -0.67     | -0.30      |         | ppb   |
| Cadmium    | 108-1 | 9.83      | 9.83      | 8.84      | 9.50       | 6.07    | ppb   |
| Calcium    | 43-1  | 95753.61  | 100163.19 | 98106.09  | 98007.63   | 2.25    | ppb   |
| Calcium    | 44-1  | 94003.48  | 98341.18  | 95615.59  | 95986.75   | 2.28    | ppb   |
| Chromium   | 52-2  | 19.55     | 18.76     | 18.66     | 18.99      | 2.57    | ppb   |
| Cobalt     | 59-2  | 1.15      | 1.07      | 1.12      | 1.12       | 3.44    | ppb   |
| Copper     | 63-2  | 7.13      | 6.83      | 7.35      | 7.10       | 3.68    | ppb   |
| Dysprosium | 156-1 |           |           |           |            |         | cps   |
| Dysprosium | 156-2 |           |           |           |            |         | cps   |
| Erbium     | 164-1 |           |           |           |            |         | cps   |
| Erbium     | 164-2 |           |           |           |            |         | cps   |
| Gadolinium | 160-1 |           |           |           |            |         | cps   |
| Gadolinium | 160-2 |           |           |           |            |         | cps   |
| Holmium    | 165-1 |           |           |           | 104        |         | %     |
| Holmium    | 165-2 |           |           |           | 108        |         | %     |
| Indium     | 115-1 |           |           |           | 102        |         | %     |
| Indium     | 115-2 |           |           |           | 105        |         | %     |
| Iron       | 56-2  | 103484.52 | 100258.02 | 100330.46 | 101357.67  | 1.82    | ppb   |
| Iron       | 57-2  | 102313.84 | 99735.67  | 99726.69  | 100592.07  | 1.48    | ppb   |
| Krypton    | 83-1  |           |           |           |            |         | cps   |
| Lead       | 206-1 | 4.78      | 4.92      | 4.92      | 4.87       | 1.69    | ppb   |
| Lead       | 207-1 | 4.22      | 4.33      | 4.12      | 4.22       | 2.49    | ppb   |
| Lead       | 208-1 | 4.39      | 4.57      | 4.39      | 4.45       | 2.33    | ppb   |
| Lithium    | 6-1   |           |           |           | 98         |         | %     |
| Magnesium  | 24-2  | 101591.76 | 95767.13  | 96304.96  | 97887.95   | 3.29    | ppb   |

|                         |                     |                   |                      |
|-------------------------|---------------------|-------------------|----------------------|
| LB Number :             | LB97237             | Operator :        | Jaswal               |
| Lab Sample ID :         | ICSA01              | Instrumnet Name : | P8                   |
| Client Sample ID :      | ICSA01              | Dilution Factor : | 1                    |
| Date & Time Acquired :: | 2018-08-10 12:55:02 | DataFile Name :   | 015ICSA01_P8081018-M |

| Parameter  | Mass  | ConRep1   | ConRep2  | ConRep3   | Avg. Conc. | ConcRSD | Units |
|------------|-------|-----------|----------|-----------|------------|---------|-------|
| Manganese  | 55-2  | 6.90      | 7.03     | 6.75      | 6.89       | 2.03    | ppb   |
| Molybdenum | 94-1  | 1337.26   | 1400.62  | 1360.85   | 1366.24    | 2.34    | ppb   |
| Molybdenum | 95-1  | 1880.27   | 1983.21  | 1923.15   | 1928.88    | 2.68    | ppb   |
| Molybdenum | 96-1  | 1827.51   | 1898.90  | 1857.92   | 1861.44    | 1.92    | ppb   |
| Molybdenum | 97-1  | 1906.78   | 1994.89  | 1959.54   | 1953.74    | 2.27    | ppb   |
| Molybdenum | 98-1  | 1885.03   | 1982.60  | 1932.84   | 1933.49    | 2.52    | ppb   |
| Neodymium  | 150-1 |           |          |           |            |         | cps   |
| Neodymium  | 150-2 |           |          |           |            |         | cps   |
| Nickel     | 60-2  | 5.22      | 5.09     | 5.21      | 5.17       | 1.35    | ppb   |
| Phosphorus | 31-2  | 104023.40 | 97926.66 | 100896.77 | 100948.94  | 3.02    | ppb   |
| Potassium  | 39-2  | 100849.63 | 96826.10 | 97969.79  | 98548.50   | 2.10    | ppb   |
| Rhodium    | 103-1 |           |          |           | 98         |         | %     |
| Rhodium    | 103-2 |           |          |           | 102        |         | %     |
| Scandium   | 45-1  |           |          |           | 105        |         | %     |
| Scandium   | 45-2  |           |          |           | 110        |         | %     |
| Selenium   | 77-2  | 0.00      | 0.00     | 0.00      | 0.00       | N/A     | ppb   |
| Selenium   | 78-2  | 1.85      | 0.92     | 0.93      | 1.23       | 43.62   | ppb   |
| Selenium   | 82-1  | 0.37      | 0.84     | 0.01      | 0.41       | 102.84  | ppb   |
| Silicon    | 28-1  | 37.32     | 42.98    | 39.49     | 39.93      | 7.15    | ppb   |
| Silver     | 109-1 | 0.03      | 0.04     | 0.07      | 0.05       | 45.92   | ppb   |
| Silver     | 107-1 | 0.05      | 0.06     | 0.09      | 0.06       | 30.94   | ppb   |
| Sodium     | 23-2  | 101404.40 | 99377.38 | 98666.76  | 99816.18   | 1.42    | ppb   |
| Strontium  | 86-1  | 33.14     | 34.76    | 34.33     | 34.07      | 2.46    | ppb   |
| Strontium  | 88-1  | 33.43     | 34.59    | 33.82     | 33.95      | 1.74    | ppb   |
| Sulfur     | 34-1  | 80177.16  | 84318.71 | 80952.04  | 81815.97   | 2.69    | ppb   |
| Terbium    | 159-1 |           |          |           | 103        |         | %     |
| Terbium    | 159-2 |           |          |           | 107        |         | %     |
| Thallium   | 203-1 | 0.11      | 0.12     | 0.13      | 0.12       | 7.42    | ppb   |
| Thallium   | 205-1 | 0.10      | 0.11     | 0.13      | 0.11       | 9.11    | ppb   |
| Tin        | 118-1 | 0.15      | 0.20     | 0.18      | 0.18       | 13.41   | ppb   |
| Titanium   | 47-1  | 1971.39   | 2056.00  | 2012.31   | 2013.23    | 2.10    | ppb   |
| Uranium    | 238-1 | 0.02      | 0.01     | 0.02      | 0.02       | 8.44    | ppb   |
| Vanadium   | 51-2  | 0.09      | 0.10     | 0.08      | 0.09       | 10.70   | ppb   |
| Yttrium    | 89-1  |           |          |           | 104        |         | %     |
| Yttrium    | 89-2  |           |          |           | 107        |         | %     |
| Zinc       | 66-2  | 11.52     | 11.67    | 10.31     | 11.16      | 6.70    | ppb   |

|                         |                     |                   |                      |
|-------------------------|---------------------|-------------------|----------------------|
| LB Number :             | LB97237             | Operator :        | Jaswal               |
| Lab Sample ID :         | ICSA01              | Instrumnet Name : | P8                   |
| Client Sample ID :      | ICSA01              | Dilution Factor : | 1                    |
| Date & Time Acquired :: | 2018-08-10 12:55:02 | DataFile Name :   | 015ICSA01_P8081018-M |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|-----------|------|---------|---------|---------|------------|---------|-------|
| Zirconium | 90-1 | 0.74    | 0.63    | 0.52    | 0.63       | 16.97   | ppb   |
| Zirconium | 91-1 | 0.89    | 0.62    | 0.52    | 0.68       | 27.67   | ppb   |

|                         |                     |                   |                      |
|-------------------------|---------------------|-------------------|----------------------|
| LB Number :             | LB97237             | Operator :        | Jaswal               |
| Lab Sample ID :         | ICSAB01             | Instrumnet Name : | P8                   |
| Client Sample ID :      | ICSAB01             | Dilution Factor : | 1                    |
| Date & Time Acquired :: | 2018-08-10 12:58:18 | DataFile Name :   | 016ICSB_P8081018-MS. |

| Parameter  | Mass  | ConRep1  | ConRep2  | ConRep3  | Avg. Conc. | ConcRSD | Units |
|------------|-------|----------|----------|----------|------------|---------|-------|
| Aluminium  | 27-2  | 88172.05 | 90322.24 | 89218.63 | 89237.64   | 1.20    | ppb   |
| Antimony   | 121-1 | 20.77    | 20.22    | 20.66    | 20.55      | 1.43    | ppb   |
| Arsenic    | 75-2  | 19.77    | 19.49    | 19.63    | 19.63      | 0.72    | ppb   |
| Barium     | 135-1 | 21.54    | 20.35    | 21.29    | 21.06      | 2.99    | ppb   |
| Barium     | 137-1 | 21.69    | 21.17    | 21.42    | 21.43      | 1.22    | ppb   |
| Beryllium  | 9-1   | 20.86    | 20.44    | 19.97    | 20.42      | 2.18    | ppb   |
| Bismuth    | 209-1 |          |          |          | 99         |         | %     |
| Bismuth    | 209-2 |          |          |          | 102        |         | %     |
| Boron      | 10-1  | 61.17    | 58.15    | 61.57    | 60.30      | 3.10    | ppb   |
| Boron      | 11-1  | 60.04    | 60.23    | 59.49    | 59.92      | 0.64    | ppb   |
| Cadmium    | 111-1 | 19.96    | 19.86    | 19.89    | 19.90      | 0.26    | ppb   |
| Cadmium    | 106-1 | 25.77    | 27.49    | 22.85    | 25.37      | 9.25    | ppb   |
| Cadmium    | 108-1 | 30.94    | 28.97    | 29.43    | 29.78      | 3.46    | ppb   |
| Calcium    | 43-1  | 94330.22 | 95986.11 | 95763.28 | 95359.87   | 0.94    | ppb   |
| Calcium    | 44-1  | 92943.94 | 93516.77 | 93794.28 | 93418.33   | 0.46    | ppb   |
| Chromium   | 52-2  | 36.38    | 37.73    | 37.38    | 37.16      | 1.88    | ppb   |
| Cobalt     | 59-2  | 19.22    | 19.78    | 19.73    | 19.58      | 1.59    | ppb   |
| Copper     | 63-2  | 25.10    | 25.88    | 25.87    | 25.62      | 1.75    | 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 |          |          |          | 105        |         | %     |
| Holmium    | 165-2 |          |          |          | 110        |         | %     |
| Indium     | 115-1 |          |          |          | 102        |         | %     |
| Indium     | 115-2 |          |          |          | 106        |         | %     |
| Iron       | 56-2  | 97450.45 | 99479.28 | 99281.10 | 98736.94   | 1.13    | ppb   |
| Iron       | 57-2  | 97292.15 | 98769.01 | 98259.27 | 98106.81   | 0.76    | ppb   |
| Krypton    | 83-1  |          |          |          |            |         | cps   |
| Lead       | 206-1 | 24.58    | 25.02    | 24.72    | 24.77      | 0.91    | ppb   |
| Lead       | 207-1 | 22.60    | 22.71    | 22.65    | 22.65      | 0.25    | ppb   |
| Lead       | 208-1 | 23.18    | 23.31    | 23.40    | 23.30      | 0.47    | ppb   |
| Lithium    | 6-1   |          |          |          | 102        |         | %     |
| Magnesium  | 24-2  | 94761.72 | 96706.91 | 95580.34 | 95682.99   | 1.02    | ppb   |



|                         |                     |                   |                      |
|-------------------------|---------------------|-------------------|----------------------|
| LB Number :             | LB97237             | Operator :        | Jaswal               |
| Lab Sample ID :         | ICSAB01             | Instrumnet Name : | P8                   |
| Client Sample ID :      | ICSAB01             | Dilution Factor : | 1                    |
| Date & Time Acquired :: | 2018-08-10 12:58:18 | DataFile Name :   | 016ICSB_P8081018-MS. |

| Parameter  | Mass  | ConRep1  | ConRep2   | ConRep3   | Avg. Conc. | ConcRSD | Units |
|------------|-------|----------|-----------|-----------|------------|---------|-------|
| Manganese  | 55-2  | 25.55    | 25.76     | 25.84     | 25.72      | 0.58    | ppb   |
| Molybdenum | 94-1  | 1438.54  | 1421.82   | 1433.36   | 1431.24    | 0.60    | ppb   |
| Molybdenum | 95-1  | 1931.65  | 1917.65   | 1921.20   | 1923.50    | 0.38    | ppb   |
| Molybdenum | 96-1  | 1866.44  | 1865.17   | 1854.60   | 1862.07    | 0.35    | ppb   |
| Molybdenum | 97-1  | 1961.67  | 1926.40   | 1965.16   | 1951.08    | 1.10    | ppb   |
| Molybdenum | 98-1  | 1924.89  | 1927.57   | 1946.89   | 1933.12    | 0.62    | ppb   |
| Neodymium  | 150-1 |          |           |           |            |         | cps   |
| Neodymium  | 150-2 |          |           |           |            |         | cps   |
| Nickel     | 60-2  | 23.23    | 23.58     | 23.35     | 23.39      | 0.76    | ppb   |
| Phosphorus | 31-2  | 99007.34 | 101305.11 | 101043.84 | 100452.10  | 1.25    | ppb   |
| Potassium  | 39-2  | 95780.55 | 96687.32  | 97279.53  | 96582.47   | 0.78    | ppb   |
| Rhodium    | 103-1 |          |           |           | 100        |         | %     |
| Rhodium    | 103-2 |          |           |           | 104        |         | %     |
| Scandium   | 45-1  |          |           |           | 107        |         | %     |
| Scandium   | 45-2  |          |           |           | 112        |         | %     |
| Selenium   | 77-2  | 28.29    | 28.74     | 17.19     | 24.74      | 26.44   | ppb   |
| Selenium   | 78-2  | 17.13    | 14.66     | 21.93     | 17.91      | 20.63   | ppb   |
| Selenium   | 82-1  | 19.77    | 19.41     | 19.62     | 19.60      | 0.94    | ppb   |
| Silicon    | 28-1  | 93.13    | 93.52     | 94.83     | 93.83      | 0.95    | ppb   |
| Silver     | 109-1 | 19.19    | 18.56     | 18.92     | 18.89      | 1.67    | ppb   |
| Silver     | 107-1 | 18.80    | 18.35     | 18.74     | 18.63      | 1.29    | ppb   |
| Sodium     | 23-2  | 95546.84 | 97275.50  | 96363.18  | 96395.17   | 0.90    | ppb   |
| Strontium  | 86-1  | 82.87    | 82.46     | 83.06     | 82.80      | 0.37    | ppb   |
| Strontium  | 88-1  | 85.47    | 86.90     | 87.28     | 86.55      | 1.11    | ppb   |
| Sulfur     | 34-1  | 78666.64 | 78520.83  | 78996.19  | 78727.89   | 0.31    | ppb   |
| Terbium    | 159-1 |          |           |           | 105        |         | %     |
| Terbium    | 159-2 |          |           |           | 109        |         | %     |
| Thallium   | 203-1 | 19.98    | 20.13     | 20.01     | 20.04      | 0.38    | ppb   |
| Thallium   | 205-1 | 19.94    | 20.06     | 20.06     | 20.02      | 0.35    | ppb   |
| Tin        | 118-1 | 50.79    | 49.85     | 50.13     | 50.26      | 0.95    | ppb   |
| Titanium   | 47-1  | 1967.73  | 2010.35   | 2016.64   | 1998.24    | 1.33    | ppb   |
| Uranium    | 238-1 | 49.58    | 49.81     | 50.28     | 49.89      | 0.72    | ppb   |
| Vanadium   | 51-2  | 18.65    | 19.72     | 18.84     | 19.07      | 2.99    | ppb   |
| Yttrium    | 89-1  |          |           |           | 105        |         | %     |
| Yttrium    | 89-2  |          |           |           | 109        |         | %     |
| Zinc       | 66-2  | 29.82    | 29.60     | 29.37     | 29.60      | 0.75    | ppb   |

|                         |                     |                   |                      |
|-------------------------|---------------------|-------------------|----------------------|
| LB Number :             | LB97237             | Operator :        | Jaswal               |
| Lab Sample ID :         | ICSAB01             | Instrumnet Name : | P8                   |
| Client Sample ID :      | ICSAB01             | Dilution Factor : | 1                    |
| Date & Time Acquired :: | 2018-08-10 12:58:18 | DataFile Name :   | 016ICSB_P8081018-MS. |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|-----------|------|---------|---------|---------|------------|---------|-------|
| Zirconium | 90-1 | 49.58   | 50.24   | 50.55   | 50.13      | 0.99    | ppb   |
| Zirconium | 91-1 | 48.95   | 49.25   | 50.03   | 49.41      | 1.13    | ppb   |

|                         |                     |                   |                      |
|-------------------------|---------------------|-------------------|----------------------|
| LB Number :             | LB97237             | Operator :        | Jaswal               |
| Lab Sample ID :         | CCV90               | Instrumnet Name : | P8                   |
| Client Sample ID :      | CCV90               | Dilution Factor : | 1                    |
| Date & Time Acquired :: | 2018-08-10 13:01:33 | DataFile Name :   | 017CCV_P8081018-MS.I |

| Parameter  | Mass  | ConRep1   | ConRep2   | ConRep3   | Avg. Conc. | ConcRSD | Units |
|------------|-------|-----------|-----------|-----------|------------|---------|-------|
| Aluminium  | 27-2  | 52363.54  | 53065.13  | 52180.12  | 52536.26   | 0.89    | ppb   |
| Antimony   | 121-1 | 501.14    | 495.98    | 497.80    | 498.31     | 0.53    | ppb   |
| Arsenic    | 75-2  | 488.79    | 503.01    | 504.70    | 498.83     | 1.75    | ppb   |
| Barium     | 135-1 | 2558.99   | 2522.88   | 2511.38   | 2531.08    | 0.98    | ppb   |
| Barium     | 137-1 | 2526.28   | 2488.49   | 2488.70   | 2501.16    | 0.87    | ppb   |
| Beryllium  | 9-1   | 508.13    | 513.90    | 504.97    | 509.00     | 0.89    | ppb   |
| Bismuth    | 209-1 |           |           |           | 98         |         | %     |
| Bismuth    | 209-2 |           |           |           | 101        |         | %     |
| Boron      | 10-1  | 498.90    | 515.03    | 518.43    | 510.78     | 2.04    | ppb   |
| Boron      | 11-1  | 502.68    | 514.85    | 516.12    | 511.22     | 1.45    | ppb   |
| Cadmium    | 111-1 | 491.74    | 486.47    | 479.39    | 485.87     | 1.28    | ppb   |
| Cadmium    | 106-1 | 494.71    | 497.47    | 492.09    | 494.76     | 0.54    | ppb   |
| Cadmium    | 108-1 | 495.25    | 483.43    | 487.39    | 488.69     | 1.23    | ppb   |
| Calcium    | 43-1  | 240181.21 | 236757.69 | 235163.95 | 237367.62  | 1.08    | ppb   |
| Calcium    | 44-1  | 241102.37 | 236066.45 | 234235.52 | 237134.78  | 1.50    | ppb   |
| Chromium   | 52-2  | 499.97    | 504.80    | 502.39    | 502.38     | 0.48    | ppb   |
| Cobalt     | 59-2  | 469.45    | 474.87    | 468.50    | 470.94     | 0.73    | ppb   |
| Copper     | 63-2  | 908.48    | 920.87    | 904.08    | 911.15     | 0.96    | ppb   |
| Dysprosium | 156-1 |           |           |           |            |         | cps   |
| Dysprosium | 156-2 |           |           |           |            |         | cps   |
| Erbium     | 164-1 |           |           |           |            |         | cps   |
| Erbium     | 164-2 |           |           |           |            |         | cps   |
| Gadolinium | 160-1 |           |           |           |            |         | cps   |
| Gadolinium | 160-2 |           |           |           |            |         | cps   |
| Holmium    | 165-1 |           |           |           | 106        |         | %     |
| Holmium    | 165-2 |           |           |           | 108        |         | %     |
| Indium     | 115-1 |           |           |           | 102        |         | %     |
| Indium     | 115-2 |           |           |           | 106        |         | %     |
| Iron       | 56-2  | 127315.86 | 127877.93 | 126770.43 | 127321.41  | 0.43    | ppb   |
| Iron       | 57-2  | 128256.25 | 128066.02 | 126908.48 | 127743.59  | 0.57    | ppb   |
| Krypton    | 83-1  |           |           |           |            |         | cps   |
| Lead       | 206-1 | 514.46    | 506.21    | 504.12    | 508.26     | 1.08    | ppb   |
| Lead       | 207-1 | 508.18    | 506.07    | 499.47    | 504.57     | 0.90    | ppb   |
| Lead       | 208-1 | 510.18    | 502.99    | 494.93    | 502.70     | 1.52    | ppb   |
| Lithium    | 6-1   |           |           |           | 103        |         | %     |
| Magnesium  | 24-2  | 246330.52 | 250113.67 | 251197.04 | 249213.74  | 1.03    | ppb   |

|                         |                     |                   |                      |
|-------------------------|---------------------|-------------------|----------------------|
| LB Number :             | LB97237             | Operator :        | Jaswal               |
| Lab Sample ID :         | CCV90               | Instrumnet Name : | P8                   |
| Client Sample ID :      | CCV90               | Dilution Factor : | 1                    |
| Date & Time Acquired :: | 2018-08-10 13:01:33 | DataFile Name :   | 017CCV_P8081018-MS.I |

| Parameter  | Mass  | ConRep1   | ConRep2   | ConRep3   | Avg. Conc. | ConcRSD | Units |
|------------|-------|-----------|-----------|-----------|------------|---------|-------|
| Manganese  | 55-2  | 975.41    | 978.34    | 963.71    | 972.49     | 0.80    | ppb   |
| Molybdenum | 94-1  | 2499.02   | 2468.08   | 2454.62   | 2473.90    | 0.92    | ppb   |
| Molybdenum | 95-1  | 2488.30   | 2481.86   | 2427.51   | 2465.89    | 1.35    | ppb   |
| Molybdenum | 96-1  | 2476.83   | 2459.65   | 2435.05   | 2457.18    | 0.85    | ppb   |
| Molybdenum | 97-1  | 2479.44   | 2467.74   | 2449.91   | 2465.70    | 0.60    | ppb   |
| Molybdenum | 98-1  | 2506.08   | 2472.12   | 2442.70   | 2473.63    | 1.28    | ppb   |
| Neodymium  | 150-1 |           |           |           |            |         | cps   |
| Neodymium  | 150-2 |           |           |           |            |         | cps   |
| Nickel     | 60-2  | 475.69    | 482.97    | 474.76    | 477.81     | 0.94    | ppb   |
| Phosphorus | 31-2  | 10072.82  | 10649.35  | 11029.64  | 10583.94   | 4.55    | ppb   |
| Potassium  | 39-2  | 125578.86 | 126875.27 | 126457.35 | 126303.83  | 0.52    | ppb   |
| Rhodium    | 103-1 |           |           |           | 99         |         | %     |
| Rhodium    | 103-2 |           |           |           | 102        |         | %     |
| Scandium   | 45-1  |           |           |           | 109        |         | %     |
| Scandium   | 45-2  |           |           |           | 115        |         | %     |
| Selenium   | 77-2  | 334.67    | 601.45    | 479.05    | 471.72     | 28.31   | ppb   |
| Selenium   | 78-2  | 463.29    | 480.33    | 509.44    | 484.35     | 4.82    | ppb   |
| Selenium   | 82-1  | 492.31    | 491.41    | 486.23    | 489.98     | 0.67    | ppb   |
| Silicon    | 28-1  | 556.84    | 544.35    | 551.60    | 550.93     | 1.14    | ppb   |
| Silver     | 109-1 | 502.05    | 495.35    | 484.38    | 493.93     | 1.81    | ppb   |
| Silver     | 107-1 | 502.06    | 496.80    | 493.33    | 497.40     | 0.88    | ppb   |
| Sodium     | 23-2  | 249669.15 | 251192.67 | 247979.72 | 249613.85  | 0.64    | ppb   |
| Strontium  | 86-1  | 499.72    | 493.13    | 487.98    | 493.61     | 1.19    | ppb   |
| Strontium  | 88-1  | 500.71    | 500.29    | 493.67    | 498.22     | 0.79    | ppb   |
| Sulfur     | 34-1  | 9252.34   | 8386.56   | 8825.66   | 8821.52    | 4.91    | ppb   |
| Terbium    | 159-1 |           |           |           | 105        |         | %     |
| Terbium    | 159-2 |           |           |           | 108        |         | %     |
| Thallium   | 203-1 | 515.19    | 506.71    | 501.31    | 507.74     | 1.38    | ppb   |
| Thallium   | 205-1 | 504.79    | 495.49    | 489.76    | 496.68     | 1.53    | ppb   |
| Tin        | 118-1 | 507.54    | 506.20    | 504.29    | 506.01     | 0.32    | ppb   |
| Titanium   | 47-1  | 2555.07   | 2445.50   | 2450.87   | 2483.81    | 2.49    | ppb   |
| Uranium    | 238-1 | 506.61    | 502.95    | 491.52    | 500.36     | 1.57    | ppb   |
| Vanadium   | 51-2  | 486.52    | 497.49    | 485.24    | 489.75     | 1.38    | ppb   |
| Yttrium    | 89-1  |           |           |           | 107        |         | %     |
| Yttrium    | 89-2  |           |           |           | 110        |         | %     |
| Zinc       | 66-2  | 928.35    | 944.16    | 930.04    | 934.19     | 0.93    | ppb   |

|                         |                     |                   |                      |
|-------------------------|---------------------|-------------------|----------------------|
| LB Number :             | LB97237             | Operator :        | Jaswal               |
| Lab Sample ID :         | CCV90               | Instrumnet Name : | P8                   |
| Client Sample ID :      | CCV90               | Dilution Factor : | 1                    |
| Date & Time Acquired :: | 2018-08-10 13:01:33 | DataFile Name :   | 017CCV_P8081018-MS.I |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|-----------|------|---------|---------|---------|------------|---------|-------|
| Zirconium | 90-1 | 505.65  | 495.00  | 493.67  | 498.11     | 1.32    | ppb   |
| Zirconium | 91-1 | 499.09  | 500.17  | 499.54  | 499.60     | 0.11    | ppb   |

|                         |                     |                   |                     |
|-------------------------|---------------------|-------------------|---------------------|
| LB Number :             | LB97237             | Operator :        | Jaswal              |
| Lab Sample ID :         | CCB90               | Instrumnet Name : | P8                  |
| Client Sample ID :      | CCB90               | Dilution Factor : | 1                   |
| Date & Time Acquired :: | 2018-08-10 13:04:43 | DataFile Name :   | 018CCBE_P8081018-M5 |

| Parameter  | Mass  | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|------------|-------|---------|---------|---------|------------|---------|-------|
| Aluminium  | 27-2  | 0.45    | 1.26    | -0.37   | 0.44       | 183.69  | ppb   |
| Antimony   | 121-1 | 1.20    | 1.03    | 1.00    | 1.08       | 10.34   | ppb   |
| Arsenic    | 75-2  | 0.01    | 0.06    | 0.03    | 0.03       | 62.07   | ppb   |
| Barium     | 135-1 | 0.05    | 0.02    | 0.00    | 0.02       | 100.69  | ppb   |
| Barium     | 137-1 | 0.04    | 0.02    | 0.04    | 0.03       | 27.34   | ppb   |
| Beryllium  | 9-1   | 0.27    | 0.19    | 0.20    | 0.22       | 20.30   | ppb   |
| Bismuth    | 209-1 |         |         |         | 100        |         | %     |
| Bismuth    | 209-2 |         |         |         | 107        |         | %     |
| Boron      | 10-1  | 19.80   | 17.60   | 17.74   | 18.38      | 6.69    | ppb   |
| Boron      | 11-1  | 19.52   | 18.14   | 17.08   | 18.25      | 6.71    | ppb   |
| Cadmium    | 111-1 | 0.00    | 0.11    | 0.15    | 0.08       | 93.73   | ppb   |
| Cadmium    | 106-1 | -0.52   | 1.12    | 1.80    | 0.80       | 148.69  | ppb   |
| Cadmium    | 108-1 | 0.15    | 0.05    | 0.19    | 0.13       | 53.30   | ppb   |
| Calcium    | 43-1  | 6.78    | 8.14    | 6.89    | 7.27       | 10.43   | ppb   |
| Calcium    | 44-1  | 3.56    | 6.09    | 3.47    | 4.37       | 33.97   | ppb   |
| Chromium   | 52-2  | -0.04   | -0.07   | -0.10   | -0.07      |         | ppb   |
| Cobalt     | 59-2  | 0.00    | -0.01   | -0.01   | -0.01      |         | ppb   |
| Copper     | 63-2  | -0.24   | -0.24   | -0.28   | -0.25      |         | ppb   |
| Dysprosium | 156-1 |         |         |         |            |         | cps   |
| Dysprosium | 156-2 |         |         |         |            |         | cps   |
| Erbium     | 164-1 |         |         |         |            |         | cps   |
| Erbium     | 164-2 |         |         |         |            |         | cps   |
| Gadolinium | 160-1 |         |         |         |            |         | cps   |
| Gadolinium | 160-2 |         |         |         |            |         | cps   |
| Holmium    | 165-1 |         |         |         | 102        |         | %     |
| Holmium    | 165-2 |         |         |         | 110        |         | %     |
| Indium     | 115-1 |         |         |         | 104        |         | %     |
| Indium     | 115-2 |         |         |         | 111        |         | %     |
| Iron       | 56-2  | 4.91    | 4.32    | 3.94    | 4.39       | 11.11   | ppb   |
| Iron       | 57-2  | 6.60    | 4.84    | 4.99    | 5.48       | 17.85   | ppb   |
| Krypton    | 83-1  |         |         |         |            |         | cps   |
| Lead       | 206-1 | 0.08    | 0.11    | 0.10    | 0.10       | 12.90   | ppb   |
| Lead       | 207-1 | 0.09    | 0.11    | 0.08    | 0.10       | 13.84   | ppb   |
| Lead       | 208-1 | 0.10    | 0.09    | 0.09    | 0.09       | 2.39    | ppb   |
| Lithium    | 6-1   |         |         |         | 103        |         | %     |
| Magnesium  | 24-2  | 0.87    | 4.22    | 4.17    | 3.09       | 62.09   | ppb   |

|                         |                     |                   |                     |
|-------------------------|---------------------|-------------------|---------------------|
| LB Number :             | LB97237             | Operator :        | Jaswal              |
| Lab Sample ID :         | CCB90               | Instrumnet Name : | P8                  |
| Client Sample ID :      | CCB90               | Dilution Factor : | 1                   |
| Date & Time Acquired :: | 2018-08-10 13:04:43 | DataFile Name :   | 018CCBE_P8081018-M5 |

| Parameter  | Mass  | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|------------|-------|---------|---------|---------|------------|---------|-------|
| Manganese  | 55-2  | -0.29   | -0.27   | -0.30   | -0.29      |         | ppb   |
| Molybdenum | 94-1  | 1.07    | 0.88    | 0.86    | 0.94       | 12.10   | ppb   |
| Molybdenum | 95-1  | 1.22    | 1.13    | 0.98    | 1.11       | 10.77   | ppb   |
| Molybdenum | 96-1  | 1.22    | 1.13    | 1.01    | 1.12       | 9.43    | ppb   |
| Molybdenum | 97-1  | 1.15    | 1.08    | 0.96    | 1.06       | 9.19    | ppb   |
| Molybdenum | 98-1  | 1.18    | 1.07    | 0.96    | 1.07       | 10.36   | ppb   |
| Neodymium  | 150-1 |         |         |         |            |         | cps   |
| Neodymium  | 150-2 |         |         |         |            |         | cps   |
| Nickel     | 60-2  | -0.02   | -0.10   | 0.02    | -0.03      |         | ppb   |
| Phosphorus | 31-2  | -17.95  | -17.95  | 5.37    | -10.17     |         | ppb   |
| Potassium  | 39-2  | 47.05   | 20.37   | 44.31   | 37.25      | 39.40   | ppb   |
| Rhodium    | 103-1 |         |         |         | 104        |         | %     |
| Rhodium    | 103-2 |         |         |         | 109        |         | %     |
| Scandium   | 45-1  |         |         |         | 108        |         | %     |
| Scandium   | 45-2  |         |         |         | 118        |         | %     |
| Selenium   | 77-2  | 0.00    | 0.00    | 0.00    | 0.00       | N/A     | ppb   |
| Selenium   | 78-2  | 0.88    | 0.00    | 0.00    | 0.29       | 173.21  | ppb   |
| Selenium   | 82-1  | 0.16    | 0.31    | 0.12    | 0.20       | 50.31   | ppb   |
| Silicon    | 28-1  | -1.30   | -0.92   | 2.97    | 0.25       | 946.79  | ppb   |
| Silver     | 109-1 | 0.06    | 0.06    | 0.04    | 0.05       | 22.99   | ppb   |
| Silver     | 107-1 | 0.05    | 0.05    | 0.04    | 0.05       | 4.63    | ppb   |
| Sodium     | 23-2  | 76.03   | 73.01   | 67.31   | 72.12      | 6.14    | ppb   |
| Strontium  | 86-1  | -0.02   | -0.06   | -0.05   | -0.04      |         | ppb   |
| Strontium  | 88-1  | 0.01    | 0.01    | 0.01    | 0.01       | 29.85   | ppb   |
| Sulfur     | 34-1  | -956.87 | -855.40 | -458.87 | -757.05    |         | ppb   |
| Terbium    | 159-1 |         |         |         | 102        |         | %     |
| Terbium    | 159-2 |         |         |         | 109        |         | %     |
| Thallium   | 203-1 | 0.24    | 0.18    | 0.16    | 0.19       | 20.42   | ppb   |
| Thallium   | 205-1 | 0.20    | 0.19    | 0.17    | 0.19       | 8.58    | ppb   |
| Tin        | 118-1 | 0.39    | 0.32    | 0.28    | 0.33       | 16.49   | ppb   |
| Titanium   | 47-1  | 0.15    | 0.17    | 0.16    | 0.16       | 4.38    | ppb   |
| Uranium    | 238-1 | 0.01    | 0.01    | 0.01    | 0.01       | 13.89   | ppb   |
| Vanadium   | 51-2  | 0.00    | -0.01   | 0.01    | 0.00       | 2318.96 | ppb   |
| Yttrium    | 89-1  |         |         |         | 105        |         | %     |
| Yttrium    | 89-2  |         |         |         | 112        |         | %     |
| Zinc       | 66-2  | 0.03    | 0.34    | 0.35    | 0.24       | 76.29   | ppb   |

|                         |                     |                   |                     |
|-------------------------|---------------------|-------------------|---------------------|
| LB Number :             | LB97237             | Operator :        | Jaswal              |
| Lab Sample ID :         | CCB90               | Instrumnet Name : | P8                  |
| Client Sample ID :      | CCB90               | Dilution Factor : | 1                   |
| Date & Time Acquired :: | 2018-08-10 13:04:43 | DataFile Name :   | 018CCBE_P8081018-MS |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|-----------|------|---------|---------|---------|------------|---------|-------|
| Zirconium | 90-1 | 0.17    | 0.15    | 0.18    | 0.17       | 8.35    | ppb   |
| Zirconium | 91-1 | 0.17    | 0.23    | 0.18    | 0.19       | 16.20   | ppb   |



|                         |                     |                   |                     |
|-------------------------|---------------------|-------------------|---------------------|
| LB Number :             | LB97237             | Operator :        | Jaswal              |
| Lab Sample ID :         | CRI                 | Instrumnet Name : | P8                  |
| Client Sample ID :      | CRI                 | Dilution Factor : | 1                   |
| Date & Time Acquired :: | 2018-08-10 13:08:04 | DataFile Name :   | 019LLCC_P8081018-MS |

| Parameter  | Mass  | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|------------|-------|---------|---------|---------|------------|---------|-------|
| Aluminium  | 27-2  | 22.47   | 19.08   | 23.87   | 21.81      | 11.30   | ppb   |
| Antimony   | 121-1 | 2.18    | 2.12    | 2.15    | 2.15       | 1.52    | ppb   |
| Arsenic    | 75-2  | 0.87    | 1.38    | 1.14    | 1.13       | 22.22   | ppb   |
| Barium     | 135-1 | 9.83    | 9.83    | 9.51    | 9.72       | 1.93    | ppb   |
| Barium     | 137-1 | 9.48    | 9.70    | 9.73    | 9.64       | 1.38    | ppb   |
| Beryllium  | 9-1   | 1.16    | 1.08    | 1.00    | 1.08       | 7.51    | ppb   |
| Bismuth    | 209-1 |         |         |         | 101        |         | %     |
| Bismuth    | 209-2 |         |         |         | 104        |         | %     |
| Boron      | 10-1  | 31.92   | 31.64   | 32.08   | 31.88      | 0.70    | ppb   |
| Boron      | 11-1  | 32.21   | 32.20   | 31.62   | 32.01      | 1.06    | ppb   |
| Cadmium    | 111-1 | 1.10    | 1.29    | 1.15    | 1.18       | 8.25    | ppb   |
| Cadmium    | 106-1 | 2.28    | 2.77    | 3.18    | 2.74       | 16.55   | ppb   |
| Cadmium    | 108-1 | 0.75    | 1.01    | 1.00    | 0.92       | 16.07   | ppb   |
| Calcium    | 43-1  | 463.25  | 434.85  | 431.05  | 443.05     | 3.97    | ppb   |
| Calcium    | 44-1  | 435.42  | 434.86  | 441.64  | 437.31     | 0.86    | ppb   |
| Chromium   | 52-2  | 1.90    | 2.04    | 2.23    | 2.06       | 8.00    | ppb   |
| Cobalt     | 59-2  | 0.90    | 0.94    | 0.99    | 0.94       | 5.03    | ppb   |
| Copper     | 63-2  | 1.68    | 1.65    | 2.01    | 1.78       | 11.22   | ppb   |
| Dysprosium | 156-1 |         |         |         |            |         | cps   |
| Dysprosium | 156-2 |         |         |         |            |         | cps   |
| Erbium     | 164-1 |         |         |         |            |         | cps   |
| Erbium     | 164-2 |         |         |         |            |         | cps   |
| Gadolinium | 160-1 |         |         |         |            |         | cps   |
| Gadolinium | 160-2 |         |         |         |            |         | cps   |
| Holmium    | 165-1 |         |         |         | 103        |         | %     |
| Holmium    | 165-2 |         |         |         | 106        |         | %     |
| Indium     | 115-1 |         |         |         | 106        |         | %     |
| Indium     | 115-2 |         |         |         | 108        |         | %     |
| Iron       | 56-2  | 53.35   | 51.31   | 58.27   | 54.31      | 6.59    | ppb   |
| Iron       | 57-2  | 46.72   | 49.51   | 57.43   | 51.22      | 10.85   | ppb   |
| Krypton    | 83-1  |         |         |         |            |         | cps   |
| Lead       | 206-1 | 0.96    | 0.98    | 1.02    | 0.99       | 3.03    | ppb   |
| Lead       | 207-1 | 0.99    | 0.98    | 1.00    | 0.99       | 0.89    | ppb   |
| Lead       | 208-1 | 0.98    | 0.97    | 1.00    | 0.98       | 1.34    | ppb   |
| Lithium    | 6-1   |         |         |         | 103        |         | %     |
| Magnesium  | 24-2  | 484.65  | 492.82  | 563.71  | 513.72     | 8.46    | ppb   |

|                         |                     |                   |                     |
|-------------------------|---------------------|-------------------|---------------------|
| LB Number :             | LB97237             | Operator :        | Jaswal              |
| Lab Sample ID :         | CRI                 | Instrumnet Name : | P8                  |
| Client Sample ID :      | CRI                 | Dilution Factor : | 1                   |
| Date & Time Acquired :: | 2018-08-10 13:08:04 | DataFile Name :   | 019LLCC_P8081018-MS |

| Parameter  | Mass  | ConRep1 | ConRep2 | ConRep3  | Avg. Conc. | ConcRSD | Units |
|------------|-------|---------|---------|----------|------------|---------|-------|
| Manganese  | 55-2  | 0.44    | 0.98    | 0.86     | 0.76       | 37.52   | ppb   |
| Molybdenum | 94-1  | 5.13    | 5.20    | 5.26     | 5.19       | 1.22    | ppb   |
| Molybdenum | 95-1  | 4.91    | 4.77    | 4.63     | 4.77       | 2.90    | ppb   |
| Molybdenum | 96-1  | 4.83    | 4.87    | 4.96     | 4.89       | 1.31    | ppb   |
| Molybdenum | 97-1  | 5.04    | 4.98    | 4.81     | 4.95       | 2.44    | ppb   |
| Molybdenum | 98-1  | 4.92    | 5.01    | 4.84     | 4.93       | 1.76    | ppb   |
| Neodymium  | 150-1 |         |         |          |            |         | cps   |
| Neodymium  | 150-2 |         |         |          |            |         | cps   |
| Nickel     | 60-2  | 1.03    | 0.86    | 1.03     | 0.97       | 10.24   | ppb   |
| Phosphorus | 31-2  | 28.65   | 27.70   | -17.95   | 12.80      | 208.04  | ppb   |
| Potassium  | 39-2  | 491.00  | 542.52  | 547.77   | 527.10     | 5.95    | ppb   |
| Rhodium    | 103-1 |         |         |          | 105        |         | %     |
| Rhodium    | 103-2 |         |         |          | 107        |         | %     |
| Scandium   | 45-1  |         |         |          | 112        |         | %     |
| Scandium   | 45-2  |         |         |          | 115        |         | %     |
| Selenium   | 77-2  | 11.02   | 5.46    | 0.00     | 5.50       | 100.29  | ppb   |
| Selenium   | 78-2  | 6.15    | 6.10    | 4.81     | 5.68       | 13.37   | ppb   |
| Selenium   | 82-1  | 4.49    | 4.55    | 4.65     | 4.57       | 1.74    | ppb   |
| Silicon    | 28-1  | 12.91   | 13.01   | 12.60    | 12.84      | 1.68    | ppb   |
| Silver     | 109-1 | 1.01    | 1.02    | 0.98     | 1.00       | 2.25    | ppb   |
| Silver     | 107-1 | 1.03    | 1.02    | 1.03     | 1.03       | 0.62    | ppb   |
| Sodium     | 23-2  | 537.59  | 550.09  | 597.50   | 561.73     | 5.63    | ppb   |
| Strontium  | 86-1  | 0.79    | 0.89    | 0.83     | 0.84       | 5.89    | ppb   |
| Strontium  | 88-1  | 0.92    | 0.96    | 0.96     | 0.95       | 2.17    | ppb   |
| Sulfur     | 34-1  | -977.80 | -960.41 | -1017.24 | -985.15    |         | ppb   |
| Terbium    | 159-1 |         |         |          | 104        |         | %     |
| Terbium    | 159-2 |         |         |          | 106        |         | %     |
| Thallium   | 203-1 | 1.03    | 1.02    | 1.02     | 1.02       | 0.42    | ppb   |
| Thallium   | 205-1 | 1.01    | 0.97    | 0.97     | 0.98       | 2.65    | ppb   |
| Tin        | 118-1 | 4.84    | 4.96    | 4.88     | 4.89       | 1.24    | ppb   |
| Titanium   | 47-1  | 4.97    | 4.83    | 4.80     | 4.87       | 1.77    | ppb   |
| Uranium    | 238-1 | 0.89    | 0.91    | 0.88     | 0.89       | 1.84    | ppb   |
| Vanadium   | 51-2  | 4.89    | 4.19    | 4.68     | 4.59       | 7.84    | ppb   |
| Yttrium    | 89-1  |         |         |          | 108        |         | %     |
| Yttrium    | 89-2  |         |         |          | 110        |         | %     |
| Zinc       | 66-2  | 1.87    | 2.17    | 2.70     | 2.25       | 18.58   | ppb   |

|                         |                     |                   |                     |
|-------------------------|---------------------|-------------------|---------------------|
| LB Number :             | LB97237             | Operator :        | Jaswal              |
| Lab Sample ID :         | CRI                 | Instrumnet Name : | P8                  |
| Client Sample ID :      | CRI                 | Dilution Factor : | 1                   |
| Date & Time Acquired :: | 2018-08-10 13:08:04 | DataFile Name :   | 019LLCC_P8081018-MS |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|-----------|------|---------|---------|---------|------------|---------|-------|
| Zirconium | 90-1 | 1.32    | 1.26    | 1.18    | 1.25       | 5.90    | ppb   |
| Zirconium | 91-1 | 1.32    | 1.32    | 1.13    | 1.26       | 8.49    | ppb   |

|                         |                     |                   |                     |
|-------------------------|---------------------|-------------------|---------------------|
| LB Number :             | LB97237             | Operator :        | Jaswal              |
| Lab Sample ID :         | PB111917BL          | Instrumnet Name : | P8                  |
| Client Sample ID :      | PB111917BL          | Dilution Factor : | 1                   |
| Date & Time Acquired :: | 2018-08-10 13:11:25 | DataFile Name :   | 020CCBE_P8081018-MS |

| Parameter  | Mass  | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|------------|-------|---------|---------|---------|------------|---------|-------|
| Aluminium  | 27-2  | -0.41   | -0.38   | 1.24    | 0.15       | 630.27  | ppb   |
| Antimony   | 121-1 | 0.13    | 0.16    | 0.13    | 0.14       | 11.24   | ppb   |
| Arsenic    | 75-2  | 0.05    | 0.01    | -0.01   | 0.02       | 154.18  | ppb   |
| Barium     | 135-1 | 0.00    | 0.00    | 0.01    | 0.00       | 393.67  | ppb   |
| Barium     | 137-1 | 0.00    | 0.00    | -0.01   | 0.00       |         | ppb   |
| Beryllium  | 9-1   | 0.08    | 0.06    | 0.07    | 0.07       | 15.87   | ppb   |
| Bismuth    | 209-1 |         |         |         | 99         |         | %     |
| Bismuth    | 209-2 |         |         |         | 107        |         | %     |
| Boron      | 10-1  | 7.21    | 6.02    | 7.56    | 6.93       | 11.69   | ppb   |
| Boron      | 11-1  | 7.55    | 7.42    | 7.00    | 7.32       | 3.93    | ppb   |
| Cadmium    | 111-1 | -0.02   | 0.10    | 0.01    | 0.03       | 201.79  | ppb   |
| Cadmium    | 106-1 | -0.33   | 1.25    | 0.12    | 0.35       | 235.10  | ppb   |
| Cadmium    | 108-1 | 0.05    | -0.04   | 0.12    | 0.04       | 192.83  | ppb   |
| Calcium    | 43-1  | 3.34    | 2.42    | 3.76    | 3.17       | 21.50   | ppb   |
| Calcium    | 44-1  | 0.03    | 2.29    | 0.60    | 0.97       | 120.77  | ppb   |
| Chromium   | 52-2  | -0.07   | -0.08   | -0.05   | -0.07      |         | ppb   |
| Cobalt     | 59-2  | 0.01    | 0.00    | 0.01    | 0.01       | 77.01   | ppb   |
| Copper     | 63-2  | -0.29   | -0.29   | -0.27   | -0.28      |         | ppb   |
| Dysprosium | 156-1 |         |         |         |            |         | cps   |
| Dysprosium | 156-2 |         |         |         |            |         | cps   |
| Erbium     | 164-1 |         |         |         |            |         | cps   |
| Erbium     | 164-2 |         |         |         |            |         | cps   |
| Gadolinium | 160-1 |         |         |         |            |         | cps   |
| Gadolinium | 160-2 |         |         |         |            |         | cps   |
| Holmium    | 165-1 |         |         |         | 102        |         | %     |
| Holmium    | 165-2 |         |         |         | 109        |         | %     |
| Indium     | 115-1 |         |         |         | 103        |         | %     |
| Indium     | 115-2 |         |         |         | 112        |         | %     |
| Iron       | 56-2  | 1.27    | 1.34    | 1.49    | 1.37       | 8.09    | ppb   |
| Iron       | 57-2  | 1.85    | 2.38    | 1.02    | 1.75       | 39.32   | ppb   |
| Krypton    | 83-1  |         |         |         |            |         | cps   |
| Lead       | 206-1 | 0.05    | 0.05    | 0.04    | 0.05       | 5.90    | ppb   |
| Lead       | 207-1 | 0.06    | 0.06    | 0.05    | 0.06       | 13.32   | ppb   |
| Lead       | 208-1 | 0.05    | 0.05    | 0.04    | 0.05       | 8.64    | ppb   |
| Lithium    | 6-1   |         |         |         | 102        |         | %     |
| Magnesium  | 24-2  | 3.84    | 4.12    | 3.57    | 3.84       | 7.13    | ppb   |

|                         |                     |                   |                     |
|-------------------------|---------------------|-------------------|---------------------|
| LB Number :             | LB97237             | Operator :        | Jaswal              |
| Lab Sample ID :         | PB111917BL          | Instrumnet Name : | P8                  |
| Client Sample ID :      | PB111917BL          | Dilution Factor : | 1                   |
| Date & Time Acquired :: | 2018-08-10 13:11:25 | DataFile Name :   | 020CCBE_P8081018-MS |

| Parameter  | Mass  | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|------------|-------|---------|---------|---------|------------|---------|-------|
| Manganese  | 55-2  | -0.07   | -0.23   | -0.08   | -0.13      |         | ppb   |
| Molybdenum | 94-1  | 0.22    | 0.25    | 0.21    | 0.23       | 9.68    | ppb   |
| Molybdenum | 95-1  | 0.16    | 0.17    | 0.19    | 0.17       | 9.79    | ppb   |
| Molybdenum | 96-1  | 0.15    | 0.19    | 0.23    | 0.19       | 21.80   | ppb   |
| Molybdenum | 97-1  | 0.16    | 0.16    | 0.19    | 0.17       | 11.55   | ppb   |
| Molybdenum | 98-1  | 0.16    | 0.20    | 0.17    | 0.18       | 12.21   | ppb   |
| Neodymium  | 150-1 |         |         |         |            |         | cps   |
| Neodymium  | 150-2 |         |         |         |            |         | cps   |
| Nickel     | 60-2  | 0.02    | -0.08   | -0.02   | -0.02      |         | ppb   |
| Phosphorus | 31-2  | -17.95  | 28.49   | -17.95  | -2.47      |         | ppb   |
| Potassium  | 39-2  | 32.28   | 21.92   | 18.10   | 24.10      | 30.46   | ppb   |
| Rhodium    | 103-1 |         |         |         | 103        |         | %     |
| Rhodium    | 103-2 |         |         |         | 110        |         | %     |
| Scandium   | 45-1  |         |         |         | 108        |         | %     |
| Scandium   | 45-2  |         |         |         | 119        |         | %     |
| Selenium   | 77-2  | 0.00    | 0.00    | 0.00    | 0.00       | N/A     | ppb   |
| Selenium   | 78-2  | 0.00    | 0.00    | 0.88    | 0.29       | 173.21  | ppb   |
| Selenium   | 82-1  | -0.13   | -0.27   | -0.60   | -0.33      |         | ppb   |
| Silicon    | 28-1  | -0.54   | 0.62    | -1.53   | -0.48      |         | ppb   |
| Silver     | 109-1 | 0.01    | 0.02    | 0.01    | 0.01       | 26.83   | ppb   |
| Silver     | 107-1 | 0.01    | 0.03    | 0.01    | 0.02       | 51.46   | ppb   |
| Sodium     | 23-2  | 45.27   | 44.97   | 46.65   | 45.63      | 1.96    | ppb   |
| Strontium  | 86-1  | -0.08   | -0.04   | -0.06   | -0.06      |         | ppb   |
| Strontium  | 88-1  | 0.00    | 0.00    | 0.00    | 0.00       |         | ppb   |
| Sulfur     | 34-1  | -700.23 | -251.21 | -548.62 | -500.02    |         | ppb   |
| Terbium    | 159-1 |         |         |         | 101        |         | %     |
| Terbium    | 159-2 |         |         |         | 109        |         | %     |
| Thallium   | 203-1 | 0.08    | 0.07    | 0.06    | 0.07       | 14.46   | ppb   |
| Thallium   | 205-1 | 0.07    | 0.07    | 0.08    | 0.07       | 5.74    | ppb   |
| Tin        | 118-1 | 0.08    | 0.08    | 0.05    | 0.07       | 28.03   | ppb   |
| Titanium   | 47-1  | 0.06    | 0.02    | 0.03    | 0.04       | 67.49   | ppb   |
| Uranium    | 238-1 | 0.00    | 0.00    | 0.00    | 0.00       | 331.84  | ppb   |
| Vanadium   | 51-2  | 0.01    | 0.01    | 0.00    | 0.01       | 97.31   | ppb   |
| Yttrium    | 89-1  |         |         |         | 104        |         | %     |
| Yttrium    | 89-2  |         |         |         | 112        |         | %     |
| Zinc       | 66-2  | 0.01    | 0.04    | -0.01   | 0.01       | 200.66  | ppb   |

|                         |                     |                   |                     |
|-------------------------|---------------------|-------------------|---------------------|
| LB Number :             | LB97237             | Operator :        | Jaswal              |
| Lab Sample ID :         | PB111917BL          | Instrumnet Name : | P8                  |
| Client Sample ID :      | PB111917BL          | Dilution Factor : | 1                   |
| Date & Time Acquired :: | 2018-08-10 13:11:25 | DataFile Name :   | 020CCBE_P8081018-MS |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|-----------|------|---------|---------|---------|------------|---------|-------|
| Zirconium | 90-1 | 0.05    | 0.08    | 0.05    | 0.06       | 30.02   | ppb   |
| Zirconium | 91-1 | 0.06    | 0.04    | 0.03    | 0.04       | 38.56   | ppb   |

|                         |                     |                   |                     |
|-------------------------|---------------------|-------------------|---------------------|
| LB Number :             | LB97237             | Operator :        | Jaswal              |
| Lab Sample ID :         | PB111917BS          | Instrumnet Name : | P8                  |
| Client Sample ID :      | PB111917BS          | Dilution Factor : | 1                   |
| Date & Time Acquired :: | 2018-08-10 13:14:45 | DataFile Name :   | 021LCSE_P8081018-MS |

| Parameter  | Mass  | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|------------|-------|---------|---------|---------|------------|---------|-------|
| Aluminium  | 27-2  | 28.97   | 34.82   | 42.89   | 35.56      | 19.65   | ppb   |
| Antimony   | 121-1 | 3.77    | 4.09    | 3.88    | 3.91       | 4.21    | ppb   |
| Arsenic    | 75-2  | 2.06    | 1.78    | 1.93    | 1.92       | 7.35    | ppb   |
| Barium     | 135-1 | 18.84   | 21.02   | 18.70   | 19.52      | 6.65    | ppb   |
| Barium     | 137-1 | 19.09   | 20.07   | 18.94   | 19.36      | 3.18    | ppb   |
| Beryllium  | 9-1   | 2.18    | 2.06    | 2.28    | 2.18       | 5.03    | ppb   |
| Bismuth    | 209-1 |         |         |         | 97         |         | %     |
| Bismuth    | 209-2 |         |         |         | 105        |         | %     |
| Boron      | 10-1  | 53.44   | 56.35   | 53.41   | 54.40      | 3.10    | ppb   |
| Boron      | 11-1  | 48.95   | 56.22   | 52.13   | 52.43      | 6.95    | ppb   |
| Cadmium    | 111-1 | 1.97    | 1.96    | 1.89    | 1.94       | 2.17    | ppb   |
| Cadmium    | 106-1 | 2.93    | 2.86    | 2.17    | 2.65       | 15.71   | ppb   |
| Cadmium    | 108-1 | 1.75    | 2.67    | 1.58    | 2.00       | 29.48   | ppb   |
| Calcium    | 43-1  | 895.68  | 958.51  | 901.09  | 918.43     | 3.79    | ppb   |
| Calcium    | 44-1  | 881.57  | 959.72  | 886.00  | 909.10     | 4.83    | ppb   |
| Chromium   | 52-2  | 3.84    | 3.84    | 3.72    | 3.80       | 1.73    | ppb   |
| Cobalt     | 59-2  | 1.82    | 1.83    | 1.82    | 1.82       | 0.17    | ppb   |
| Copper     | 63-2  | 3.35    | 3.45    | 3.42    | 3.41       | 1.42    | 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 |         |         |         | 99         |         | %     |
| Holmium    | 165-2 |         |         |         | 108        |         | %     |
| Indium     | 115-1 |         |         |         | 101        |         | %     |
| Indium     | 115-2 |         |         |         | 110        |         | %     |
| Iron       | 56-2  | 488.48  | 472.28  | 482.88  | 481.21     | 1.71    | ppb   |
| Iron       | 57-2  | 463.89  | 478.17  | 453.18  | 465.08     | 2.69    | ppb   |
| Krypton    | 83-1  |         |         |         |            |         | cps   |
| Lead       | 206-1 | 1.90    | 2.09    | 1.85    | 1.95       | 6.38    | ppb   |
| Lead       | 207-1 | 2.03    | 2.05    | 1.91    | 1.99       | 3.77    | ppb   |
| Lead       | 208-1 | 1.90    | 2.03    | 1.91    | 1.94       | 3.61    | ppb   |
| Lithium    | 6-1   |         |         |         | 99         |         | %     |
| Magnesium  | 24-2  | 972.15  | 924.77  | 941.12  | 946.01     | 2.54    | ppb   |

|                         |                     |                   |                     |
|-------------------------|---------------------|-------------------|---------------------|
| LB Number :             | LB97237             | Operator :        | Jaswal              |
| Lab Sample ID :         | PB111917BS          | Instrumnet Name : | P8                  |
| Client Sample ID :      | PB111917BS          | Dilution Factor : | 1                   |
| Date & Time Acquired :: | 2018-08-10 13:14:45 | DataFile Name :   | 021LCSE_P8081018-MS |

| Parameter  | Mass  | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|------------|-------|---------|---------|---------|------------|---------|-------|
| Manganese  | 55-2  | 1.62    | 1.83    | 1.74    | 1.73       | 5.90    | ppb   |
| Molybdenum | 94-1  | 9.75    | 10.56   | 10.05   | 10.12      | 4.04    | ppb   |
| Molybdenum | 95-1  | 9.18    | 9.76    | 9.38    | 9.44       | 3.11    | ppb   |
| Molybdenum | 96-1  | 9.24    | 10.11   | 9.35    | 9.57       | 4.96    | ppb   |
| Molybdenum | 97-1  | 9.09    | 10.15   | 9.57    | 9.60       | 5.50    | ppb   |
| Molybdenum | 98-1  | 9.20    | 9.90    | 9.28    | 9.46       | 4.07    | ppb   |
| Neodymium  | 150-1 |         |         |         |            |         | cps   |
| Neodymium  | 150-2 |         |         |         |            |         | cps   |
| Nickel     | 60-2  | 1.94    | 1.93    | 2.06    | 1.98       | 3.50    | ppb   |
| Phosphorus | 31-2  | 5.45    | 4.86    | -17.95  | -2.54      |         | ppb   |
| Potassium  | 39-2  | 954.91  | 995.89  | 973.89  | 974.90     | 2.10    | ppb   |
| Rhodium    | 103-1 |         |         |         | 100        |         | %     |
| Rhodium    | 103-2 |         |         |         | 108        |         | %     |
| Scandium   | 45-1  |         |         |         | 106        |         | %     |
| Scandium   | 45-2  |         |         |         | 118        |         | %     |
| Selenium   | 77-2  | 11.21   | 22.28   | 11.18   | 14.89      | 42.97   | ppb   |
| Selenium   | 78-2  | 10.72   | 12.44   | 11.58   | 11.58      | 7.41    | ppb   |
| Selenium   | 82-1  | 10.00   | 10.51   | 9.52    | 10.01      | 4.93    | ppb   |
| Silicon    | 28-1  | 31.11   | 40.12   | 32.82   | 34.68      | 13.80   | ppb   |
| Silver     | 109-1 | 2.08    | 2.15    | 2.03    | 2.09       | 2.82    | ppb   |
| Silver     | 107-1 | 1.93    | 2.16    | 2.09    | 2.06       | 5.76    | ppb   |
| Sodium     | 23-2  | 1020.76 | 973.49  | 1007.92 | 1000.72    | 2.44    | ppb   |
| Strontium  | 86-1  | 2.04    | 1.98    | 1.79    | 1.93       | 6.81    | ppb   |
| Strontium  | 88-1  | 1.92    | 2.03    | 1.92    | 1.96       | 3.12    | ppb   |
| Sulfur     | 34-1  | -518.43 | 269.23  | -359.75 | -202.98    |         | ppb   |
| Terbium    | 159-1 |         |         |         | 99         |         | %     |
| Terbium    | 159-2 |         |         |         | 106        |         | %     |
| Thallium   | 203-1 | 1.94    | 2.04    | 1.94    | 1.97       | 3.04    | ppb   |
| Thallium   | 205-1 | 1.86    | 2.12    | 1.90    | 1.96       | 7.18    | ppb   |
| Tin        | 118-1 | 9.50    | 10.25   | 9.38    | 9.71       | 4.84    | ppb   |
| Titanium   | 47-1  | 9.44    | 9.69    | 9.44    | 9.52       | 1.49    | ppb   |
| Uranium    | 238-1 | 1.76    | 1.93    | 1.75    | 1.81       | 5.50    | ppb   |
| Vanadium   | 51-2  | 8.90    | 8.93    | 8.38    | 8.74       | 3.55    | ppb   |
| Yttrium    | 89-1  |         |         |         | 102        |         | %     |
| Yttrium    | 89-2  |         |         |         | 111        |         | %     |
| Zinc       | 66-2  | 5.32    | 3.99    | 3.95    | 4.42       | 17.63   | ppb   |



|                         |                     |                   |                     |
|-------------------------|---------------------|-------------------|---------------------|
| LB Number :             | LB97237             | Operator :        | Jaswal              |
| Lab Sample ID :         | PB111917BS          | Instrumnet Name : | P8                  |
| Client Sample ID :      | PB111917BS          | Dilution Factor : | 1                   |
| Date & Time Acquired :: | 2018-08-10 13:14:45 | DataFile Name :   | 021LCSE_P8081018-MS |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|-----------|------|---------|---------|---------|------------|---------|-------|
| Zirconium | 90-1 | 2.19    | 2.35    | 2.16    | 2.23       | 4.55    | ppb   |
| Zirconium | 91-1 | 2.05    | 2.44    | 2.09    | 2.20       | 9.77    | ppb   |

|                         |                     |                   |                     |
|-------------------------|---------------------|-------------------|---------------------|
| LB Number :             | LB97237             | Operator :        | Jaswal              |
| Lab Sample ID :         | PB111871BL          | Instrumnet Name : | P8                  |
| Client Sample ID :      | PB111871BL          | Dilution Factor : | 1                   |
| Date & Time Acquired :: | 2018-08-10 13:18:07 | DataFile Name :   | 022CCBE_P8081018-MS |

| Parameter  | Mass  | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|------------|-------|---------|---------|---------|------------|---------|-------|
| Aluminium  | 27-2  | -0.29   | 0.11    | 1.73    | 0.52       | 207.33  | ppb   |
| Antimony   | 121-1 | 0.08    | 0.07    | 0.07    | 0.07       | 1.90    | ppb   |
| Arsenic    | 75-2  | 0.00    | -0.07   | -0.01   | -0.03      |         | ppb   |
| Barium     | 135-1 | 0.01    | 0.01    | 0.02    | 0.01       | 59.47   | ppb   |
| Barium     | 137-1 | -0.02   | -0.02   | -0.01   | -0.01      |         | ppb   |
| Beryllium  | 9-1   | 0.02    | 0.09    | 0.10    | 0.07       | 67.82   | ppb   |
| Bismuth    | 209-1 |         |         |         | 97         |         | %     |
| Bismuth    | 209-2 |         |         |         | 101        |         | %     |
| Boron      | 10-1  | 6.87    | 7.19    | 5.93    | 6.66       | 9.87    | ppb   |
| Boron      | 11-1  | 6.89    | 7.44    | 6.66    | 7.00       | 5.70    | ppb   |
| Cadmium    | 111-1 | 0.05    | 0.16    | 0.05    | 0.08       | 80.63   | ppb   |
| Cadmium    | 106-1 | 0.62    | 2.12    | 0.47    | 1.07       | 84.85   | ppb   |
| Cadmium    | 108-1 | 0.02    | -0.01   | 0.09    | 0.03       | 153.03  | ppb   |
| Calcium    | 43-1  | 2.09    | -1.12   | 5.51    | 2.16       | 153.71  | ppb   |
| Calcium    | 44-1  | 1.96    | 0.65    | -0.97   | 0.55       | 267.79  | ppb   |
| Chromium   | 52-2  | -0.05   | -0.04   | -0.05   | -0.04      |         | ppb   |
| Cobalt     | 59-2  | 0.01    | 0.01    | 0.01    | 0.01       | 9.99    | ppb   |
| Copper     | 63-2  | -0.26   | -0.33   | -0.34   | -0.31      |         | ppb   |
| Dysprosium | 156-1 |         |         |         |            |         | cps   |
| Dysprosium | 156-2 |         |         |         |            |         | cps   |
| Erbium     | 164-1 |         |         |         |            |         | cps   |
| Erbium     | 164-2 |         |         |         |            |         | cps   |
| Gadolinium | 160-1 |         |         |         |            |         | cps   |
| Gadolinium | 160-2 |         |         |         |            |         | cps   |
| Holmium    | 165-1 |         |         |         | 100        |         | %     |
| Holmium    | 165-2 |         |         |         | 104        |         | %     |
| Indium     | 115-1 |         |         |         | 102        |         | %     |
| Indium     | 115-2 |         |         |         | 107        |         | %     |
| Iron       | 56-2  | 0.92    | 0.82    | 0.86    | 0.87       | 5.79    | ppb   |
| Iron       | 57-2  | 0.42    | 1.67    | 1.10    | 1.06       | 58.66   | ppb   |
| Krypton    | 83-1  |         |         |         |            |         | cps   |
| Lead       | 206-1 | 0.02    | 0.03    | 0.03    | 0.03       | 14.63   | ppb   |
| Lead       | 207-1 | 0.03    | 0.03    | 0.03    | 0.03       | 3.77    | ppb   |
| Lead       | 208-1 | 0.03    | 0.02    | 0.02    | 0.03       | 8.81    | ppb   |
| Lithium    | 6-1   |         |         |         | 99         |         | %     |
| Magnesium  | 24-2  | 1.54    | 3.95    | 3.54    | 3.01       | 42.75   | ppb   |

|                         |                     |                   |                     |
|-------------------------|---------------------|-------------------|---------------------|
| LB Number :             | LB97237             | Operator :        | Jaswal              |
| Lab Sample ID :         | PB111871BL          | Instrumnet Name : | P8                  |
| Client Sample ID :      | PB111871BL          | Dilution Factor : | 1                   |
| Date & Time Acquired :: | 2018-08-10 13:18:07 | DataFile Name :   | 022CCBE_P8081018-M5 |

| Parameter  | Mass  | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|------------|-------|---------|---------|---------|------------|---------|-------|
| Manganese  | 55-2  | -0.12   | -0.29   | -0.11   | -0.17      |         | ppb   |
| Molybdenum | 94-1  | 0.07    | 0.07    | 0.13    | 0.09       | 36.39   | ppb   |
| Molybdenum | 95-1  | 0.06    | 0.05    | 0.05    | 0.06       | 9.68    | ppb   |
| Molybdenum | 96-1  | 0.09    | 0.06    | 0.06    | 0.07       | 28.42   | ppb   |
| Molybdenum | 97-1  | 0.08    | 0.08    | 0.09    | 0.08       | 10.37   | ppb   |
| Molybdenum | 98-1  | 0.09    | 0.07    | 0.09    | 0.08       | 14.31   | ppb   |
| Neodymium  | 150-1 |         |         |         |            |         | cps   |
| Neodymium  | 150-2 |         |         |         |            |         | cps   |
| Nickel     | 60-2  | 0.07    | 0.09    | -0.01   | 0.05       | 99.27   | ppb   |
| Phosphorus | 31-2  | 31.86   | -17.95  | -17.95  | -1.34      |         | ppb   |
| Potassium  | 39-2  | 45.54   | 51.12   | 29.85   | 42.17      | 26.15   | ppb   |
| Rhodium    | 103-1 |         |         |         | 102        |         | %     |
| Rhodium    | 103-2 |         |         |         | 105        |         | %     |
| Scandium   | 45-1  |         |         |         | 106        |         | %     |
| Scandium   | 45-2  |         |         |         | 113        |         | %     |
| Selenium   | 77-2  | 0.00    | 0.00    | 0.00    | 0.00       | N/A     | ppb   |
| Selenium   | 78-2  | 0.97    | 0.91    | 1.79    | 1.22       | 40.36   | ppb   |
| Selenium   | 82-1  | 0.43    | -0.29   | 0.27    | 0.14       | 272.21  | ppb   |
| Silicon    | 28-1  | 1.48    | 0.47    | 0.52    | 0.82       | 69.05   | ppb   |
| Silver     | 109-1 | 0.02    | 0.01    | 0.01    | 0.01       | 43.25   | ppb   |
| Silver     | 107-1 | 0.02    | 0.01    | 0.01    | 0.02       | 35.70   | ppb   |
| Sodium     | 23-2  | 46.82   | 46.70   | 35.10   | 42.87      | 15.70   | ppb   |
| Strontium  | 86-1  | -0.03   | -0.03   | 0.02    | -0.01      |         | ppb   |
| Strontium  | 88-1  | 0.00    | 0.00    | 0.00    | 0.00       |         | ppb   |
| Sulfur     | 34-1  | -302.62 | -200.64 | -349.39 | -284.21    |         | ppb   |
| Terbium    | 159-1 |         |         |         | 100        |         | %     |
| Terbium    | 159-2 |         |         |         | 103        |         | %     |
| Thallium   | 203-1 | 0.04    | 0.04    | 0.06    | 0.05       | 19.83   | ppb   |
| Thallium   | 205-1 | 0.05    | 0.06    | 0.06    | 0.06       | 6.57    | ppb   |
| Tin        | 118-1 | 0.02    | 0.03    | 0.05    | 0.03       | 57.76   | ppb   |
| Titanium   | 47-1  | -0.01   | -0.03   | 0.01    | -0.01      |         | ppb   |
| Uranium    | 238-1 | 0.00    | 0.00    | 0.00    | 0.00       |         | ppb   |
| Vanadium   | 51-2  | 0.00    | 0.00    | -0.01   | -0.01      |         | ppb   |
| Yttrium    | 89-1  |         |         |         | 103        |         | %     |
| Yttrium    | 89-2  |         |         |         | 107        |         | %     |
| Zinc       | 66-2  | 0.22    | 0.18    | 0.21    | 0.20       | 10.34   | ppb   |

|                         |                     |                   |                     |
|-------------------------|---------------------|-------------------|---------------------|
| LB Number :             | LB97237             | Operator :        | Jaswal              |
| Lab Sample ID :         | PB111871BL          | Instrumnet Name : | P8                  |
| Client Sample ID :      | PB111871BL          | Dilution Factor : | 1                   |
| Date & Time Acquired :: | 2018-08-10 13:18:07 | DataFile Name :   | 022CCBE_P8081018-MS |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|-----------|------|---------|---------|---------|------------|---------|-------|
| Zirconium | 90-1 | 0.03    | 0.03    | 0.01    | 0.02       | 58.22   | ppb   |
| Zirconium | 91-1 | 0.04    | 0.02    | 0.04    | 0.03       | 46.21   | ppb   |

|                         |                     |                   |                     |
|-------------------------|---------------------|-------------------|---------------------|
| LB Number :             | LB97237             | Operator :        | Jaswal              |
| Lab Sample ID :         | PB111871BS          | Instrumnet Name : | P8                  |
| Client Sample ID :      | PB111871BS          | Dilution Factor : | 1                   |
| Date & Time Acquired :: | 2018-08-10 13:21:28 | DataFile Name :   | 023LCS6_P8081018-MS |

| Parameter  | Mass  | ConRep1  | ConRep2  | ConRep3  | Avg. Conc. | ConcRSD | Units |
|------------|-------|----------|----------|----------|------------|---------|-------|
| Aluminium  | 27-2  | 9697.52  | 9636.39  | 9579.58  | 9637.83    | 0.61    | ppb   |
| Antimony   | 121-1 | 517.24   | 499.51   | 486.54   | 501.10     | 3.08    | ppb   |
| Arsenic    | 75-2  | 497.61   | 495.25   | 486.76   | 493.21     | 1.16    | ppb   |
| Barium     | 135-1 | 2591.20  | 2514.99  | 2436.73  | 2514.31    | 3.07    | ppb   |
| Barium     | 137-1 | 2583.77  | 2497.50  | 2424.34  | 2501.87    | 3.19    | ppb   |
| Beryllium  | 9-1   | 538.43   | 503.90   | 497.75   | 513.36     | 4.27    | ppb   |
| Bismuth    | 209-1 |          |          |          | 98         |         | %     |
| Bismuth    | 209-2 |          |          |          | 102        |         | %     |
| Boron      | 10-1  | 494.68   | 493.30   | 505.74   | 497.91     | 1.37    | ppb   |
| Boron      | 11-1  | 501.41   | 489.02   | 497.43   | 495.95     | 1.28    | ppb   |
| Cadmium    | 111-1 | 519.54   | 500.89   | 483.60   | 501.35     | 3.59    | ppb   |
| Cadmium    | 106-1 | 525.62   | 506.73   | 489.89   | 507.41     | 3.52    | ppb   |
| Cadmium    | 108-1 | 525.77   | 513.45   | 481.06   | 506.76     | 4.56    | ppb   |
| Calcium    | 43-1  | 49060.80 | 47648.59 | 46850.94 | 47853.44   | 2.34    | ppb   |
| Calcium    | 44-1  | 48991.73 | 47997.58 | 46543.23 | 47844.18   | 2.57    | ppb   |
| Chromium   | 52-2  | 477.58   | 476.78   | 474.14   | 476.17     | 0.38    | ppb   |
| Cobalt     | 59-2  | 467.40   | 464.99   | 465.15   | 465.85     | 0.29    | ppb   |
| Copper     | 63-2  | 927.36   | 926.50   | 932.81   | 928.89     | 0.37    | ppb   |
| Dysprosium | 156-1 |          |          |          |            |         | 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 |          |          |          | 108        |         | %     |
| Indium     | 115-1 |          |          |          | 102        |         | %     |
| Indium     | 115-2 |          |          |          | 107        |         | %     |
| Iron       | 56-2  | 25136.19 | 25095.74 | 25047.13 | 25093.02   | 0.18    | ppb   |
| Iron       | 57-2  | 25100.82 | 24992.04 | 24949.26 | 25014.04   | 0.31    | ppb   |
| Krypton    | 83-1  |          |          |          |            |         | cps   |
| Lead       | 206-1 | 505.83   | 493.67   | 480.24   | 493.25     | 2.60    | ppb   |
| Lead       | 207-1 | 505.83   | 499.43   | 483.06   | 496.11     | 2.37    | ppb   |
| Lead       | 208-1 | 502.45   | 492.68   | 480.13   | 491.75     | 2.28    | ppb   |
| Lithium    | 6-1   |          |          |          | 100        |         | %     |
| Magnesium  | 24-2  | 51540.07 | 51057.46 | 51385.62 | 51327.72   | 0.48    | ppb   |

|                         |                     |                   |                     |
|-------------------------|---------------------|-------------------|---------------------|
| LB Number :             | LB97237             | Operator :        | Jaswal              |
| Lab Sample ID :         | PB111871BS          | Instrumnet Name : | P8                  |
| Client Sample ID :      | PB111871BS          | Dilution Factor : | 1                   |
| Date & Time Acquired :: | 2018-08-10 13:21:28 | DataFile Name :   | 023LCS6_P8081018-MS |

| Parameter  | Mass  | ConRep1  | ConRep2  | ConRep3  | Avg. Conc. | ConcRSD | Units |
|------------|-------|----------|----------|----------|------------|---------|-------|
| Manganese  | 55-2  | 963.82   | 957.18   | 962.88   | 961.30     | 0.37    | ppb   |
| Molybdenum | 94-1  | 2470.27  | 2436.32  | 2348.65  | 2418.42    | 2.59    | ppb   |
| Molybdenum | 95-1  | 2491.91  | 2424.86  | 2338.55  | 2418.44    | 3.18    | ppb   |
| Molybdenum | 96-1  | 2482.99  | 2410.22  | 2348.47  | 2413.89    | 2.79    | ppb   |
| Molybdenum | 97-1  | 2491.89  | 2424.88  | 2360.99  | 2425.92    | 2.70    | ppb   |
| Molybdenum | 98-1  | 2491.10  | 2430.47  | 2327.37  | 2416.31    | 3.43    | ppb   |
| Neodymium  | 150-1 |          |          |          |            |         | cps   |
| Neodymium  | 150-2 |          |          |          |            |         | cps   |
| Nickel     | 60-2  | 472.09   | 470.32   | 470.12   | 470.84     | 0.23    | ppb   |
| Phosphorus | 31-2  | 10007.80 | 10139.59 | 10072.57 | 10073.32   | 0.65    | ppb   |
| Potassium  | 39-2  | 24798.59 | 24584.33 | 24573.17 | 24652.03   | 0.52    | ppb   |
| Rhodium    | 103-1 |          |          |          | 100        |         | %     |
| Rhodium    | 103-2 |          |          |          | 105        |         | %     |
| Scandium   | 45-1  |          |          |          | 108        |         | %     |
| Scandium   | 45-2  |          |          |          | 116        |         | %     |
| Selenium   | 77-2  | 552.01   | 572.93   | 469.12   | 531.35     | 10.33   | ppb   |
| Selenium   | 78-2  | 492.64   | 477.49   | 486.57   | 485.56     | 1.57    | ppb   |
| Selenium   | 82-1  | 511.01   | 488.99   | 478.00   | 492.67     | 3.41    | ppb   |
| Silicon    | 28-1  | 562.24   | 548.93   | 535.11   | 548.76     | 2.47    | ppb   |
| Silver     | 109-1 | 536.94   | 510.40   | 492.20   | 513.18     | 4.38    | ppb   |
| Silver     | 107-1 | 531.44   | 510.41   | 500.02   | 513.96     | 3.12    | ppb   |
| Sodium     | 23-2  | 51026.40 | 50869.27 | 50790.80 | 50895.49   | 0.24    | ppb   |
| Strontium  | 86-1  | 502.54   | 483.93   | 471.23   | 485.90     | 3.24    | ppb   |
| Strontium  | 88-1  | 509.88   | 493.02   | 476.60   | 493.17     | 3.37    | ppb   |
| Sulfur     | 34-1  | 9984.24  | 9278.09  | 8745.02  | 9335.79    | 6.66    | ppb   |
| Terbium    | 159-1 |          |          |          | 102        |         | %     |
| Terbium    | 159-2 |          |          |          | 106        |         | %     |
| Thallium   | 203-1 | 509.51   | 500.33   | 478.96   | 496.27     | 3.16    | ppb   |
| Thallium   | 205-1 | 498.07   | 485.43   | 476.11   | 486.54     | 2.27    | ppb   |
| Tin        | 118-1 | 520.54   | 505.02   | 494.36   | 506.64     | 2.60    | ppb   |
| Titanium   | 47-1  | 2539.32  | 2428.20  | 2407.91  | 2458.48    | 2.88    | ppb   |
| Uranium    | 238-1 | 482.40   | 473.60   | 455.99   | 470.66     | 2.86    | ppb   |
| Vanadium   | 51-2  | 477.13   | 473.73   | 480.36   | 477.07     | 0.70    | ppb   |
| Yttrium    | 89-1  |          |          |          | 105        |         | %     |
| Yttrium    | 89-2  |          |          |          | 110        |         | %     |
| Zinc       | 66-2  | 941.12   | 941.07   | 931.84   | 938.01     | 0.57    | ppb   |

|                         |                     |                   |                     |
|-------------------------|---------------------|-------------------|---------------------|
| LB Number :             | LB97237             | Operator :        | Jaswal              |
| Lab Sample ID :         | PB111871BS          | Instrumnet Name : | P8                  |
| Client Sample ID :      | PB111871BS          | Dilution Factor : | 1                   |
| Date & Time Acquired :: | 2018-08-10 13:21:28 | DataFile Name :   | 023LCS6_P8081018-MS |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|-----------|------|---------|---------|---------|------------|---------|-------|
| Zirconium | 90-1 | 509.42  | 486.33  | 474.29  | 490.01     | 3.64    | ppb   |
| Zirconium | 91-1 | 493.28  | 480.96  | 467.55  | 480.60     | 2.68    | ppb   |

|                         |                       |                   |                     |
|-------------------------|-----------------------|-------------------|---------------------|
| LB Number :             | LB97237               | Operator :        | Jaswal              |
| Lab Sample ID :         | J4353-01              | Instrumnet Name : | P8                  |
| Client Sample ID :      | 96-1-SBSMT-UTILITY-SI | Dilution Factor : | 1                   |
| Date & Time Acquired :: | 2018-08-10 13:25:28   | DataFile Name :   | 024SMPL_P8081018-MS |

| Parameter  | Mass  | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|------------|-------|---------|---------|---------|------------|---------|-------|
| Aluminium  | 27-2  | 24.55   | 21.46   | 22.86   | 22.96      | 6.74    | ppb   |
| Antimony   | 121-1 | 0.68    | 0.66    | 0.76    | 0.70       | 7.11    | ppb   |
| Arsenic    | 75-2  | 0.23    | 0.25    | 0.42    | 0.30       | 33.62   | ppb   |
| Barium     | 135-1 | 14.77   | 14.45   | 16.41   | 15.21      | 6.92    | ppb   |
| Barium     | 137-1 | 15.14   | 15.05   | 16.50   | 15.56      | 5.24    | ppb   |
| Beryllium  | 9-1   | 0.17    | 0.15    | 0.07    | 0.13       | 39.15   | ppb   |
| Bismuth    | 209-1 |         |         |         | 106        |         | %     |
| Bismuth    | 209-2 |         |         |         | 110        |         | %     |
| Boron      | 10-1  | 21.53   | 23.00   | 24.66   | 23.06      | 6.79    | ppb   |
| Boron      | 11-1  | 22.40   | 22.83   | 23.41   | 22.88      | 2.21    | ppb   |
| Cadmium    | 111-1 | 1.20    | 1.10    | 1.24    | 1.18       | 6.37    | ppb   |
| Cadmium    | 106-1 | 1.10    | 0.71    | 0.89    | 0.90       | 21.92   | ppb   |
| Cadmium    | 108-1 | 1.17    | 1.31    | 1.12    | 1.20       | 8.01    | ppb   |
| Calcium    | 43-1  | 5023.08 | 4879.59 | 5545.67 | 5149.45    | 6.81    | ppb   |
| Calcium    | 44-1  | 4964.81 | 5071.62 | 5546.72 | 5194.39    | 5.96    | ppb   |
| Chromium   | 52-2  | 0.16    | 0.15    | 0.10    | 0.14       | 24.64   | ppb   |
| Cobalt     | 59-2  | 0.02    | 0.02    | 0.02    | 0.02       | 5.31    | ppb   |
| Copper     | 63-2  | 447.90  | 445.96  | 446.61  | 446.82     | 0.22    | ppb   |
| Dysprosium | 156-1 |         |         |         |            |         | cps   |
| Dysprosium | 156-2 |         |         |         |            |         | cps   |
| Erbium     | 164-1 |         |         |         |            |         | cps   |
| Erbium     | 164-2 |         |         |         |            |         | cps   |
| Gadolinium | 160-1 |         |         |         |            |         | cps   |
| Gadolinium | 160-2 |         |         |         |            |         | cps   |
| Holmium    | 165-1 |         |         |         | 109        |         | %     |
| Holmium    | 165-2 |         |         |         | 113        |         | %     |
| Indium     | 115-1 |         |         |         | 110        |         | %     |
| Indium     | 115-2 |         |         |         | 114        |         | %     |
| Iron       | 56-2  | 396.07  | 397.27  | 393.85  | 395.73     | 0.44    | ppb   |
| Iron       | 57-2  | 373.19  | 409.77  | 389.68  | 390.88     | 4.69    | ppb   |
| Krypton    | 83-1  |         |         |         |            |         | cps   |
| Lead       | 206-1 | 2.13    | 2.19    | 2.36    | 2.23       | 5.31    | ppb   |
| Lead       | 207-1 | 2.04    | 2.03    | 2.25    | 2.11       | 6.01    | ppb   |
| Lead       | 208-1 | 2.05    | 2.08    | 2.24    | 2.13       | 4.68    | ppb   |
| Lithium    | 6-1   |         |         |         | 106        |         | %     |
| Magnesium  | 24-2  | 1160.80 | 1100.99 | 1118.56 | 1126.78    | 2.73    | ppb   |



|                         |                       |                   |                     |
|-------------------------|-----------------------|-------------------|---------------------|
| LB Number :             | LB97237               | Operator :        | Jaswal              |
| Lab Sample ID :         | J4353-01              | Instrumnet Name : | P8                  |
| Client Sample ID :      | 96-1-SBSMT-UTILITY-SI | Dilution Factor : | 1                   |
| Date & Time Acquired :: | 2018-08-10 13:25:28   | DataFile Name :   | 024SMPL_P8081018-MS |

| Parameter  | Mass  | ConRep1  | ConRep2  | ConRep3  | Avg. Conc. | ConcRSD | Units |
|------------|-------|----------|----------|----------|------------|---------|-------|
| Manganese  | 55-2  | 8.44     | 7.82     | 7.87     | 8.04       | 4.28    | ppb   |
| Molybdenum | 94-1  | 1.26     | 1.11     | 1.23     | 1.20       | 6.54    | ppb   |
| Molybdenum | 95-1  | 0.77     | 0.63     | 0.69     | 0.69       | 10.08   | ppb   |
| Molybdenum | 96-1  | 0.83     | 0.74     | 0.73     | 0.77       | 7.50    | ppb   |
| Molybdenum | 97-1  | 0.71     | 0.64     | 0.70     | 0.68       | 5.72    | ppb   |
| Molybdenum | 98-1  | 0.77     | 0.75     | 0.73     | 0.75       | 2.33    | ppb   |
| Neodymium  | 150-1 |          |          |          |            |         | cps   |
| Neodymium  | 150-2 |          |          |          |            |         | cps   |
| Nickel     | 60-2  | 1.61     | 1.49     | 1.28     | 1.46       | 11.51   | ppb   |
| Phosphorus | 31-2  | 545.46   | 368.24   | 347.90   | 420.53     | 25.84   | ppb   |
| Potassium  | 39-2  | 589.39   | 627.36   | 615.74   | 610.83     | 3.18    | ppb   |
| Rhodium    | 103-1 |          |          |          | 109        |         | %     |
| Rhodium    | 103-2 |          |          |          | 113        |         | %     |
| Scandium   | 45-1  |          |          |          | 115        |         | %     |
| Scandium   | 45-2  |          |          |          | 120        |         | %     |
| Selenium   | 77-2  | 0.00     | 0.00     | 0.00     | 0.00       | N/A     | ppb   |
| Selenium   | 78-2  | 2.57     | 0.86     | 0.00     | 1.14       | 114.33  | ppb   |
| Selenium   | 82-1  | 0.25     | 0.36     | 0.23     | 0.28       | 25.29   | ppb   |
| Silicon    | 28-1  | 857.36   | 858.58   | 946.89   | 887.61     | 5.78    | ppb   |
| Silver     | 109-1 | 0.17     | 0.22     | 0.26     | 0.22       | 21.54   | ppb   |
| Silver     | 107-1 | 0.15     | 0.20     | 0.23     | 0.19       | 20.98   | ppb   |
| Sodium     | 23-2  | 11038.37 | 10936.30 | 11033.71 | 11002.79   | 0.52    | ppb   |
| Strontium  | 86-1  | 17.76    | 17.20    | 18.85    | 17.94      | 4.66    | ppb   |
| Strontium  | 88-1  | 17.26    | 17.89    | 19.34    | 18.16      | 5.86    | ppb   |
| Sulfur     | 34-1  | -972.39  | -928.02  | 306.28   | -531.38    |         | ppb   |
| Terbium    | 159-1 |          |          |          | 109        |         | %     |
| Terbium    | 159-2 |          |          |          | 112        |         | %     |
| Thallium   | 203-1 | 0.31     | 0.35     | 0.35     | 0.34       | 7.28    | ppb   |
| Thallium   | 205-1 | 0.33     | 0.35     | 0.34     | 0.34       | 2.85    | ppb   |
| Tin        | 118-1 | 0.22     | 0.23     | 0.29     | 0.24       | 15.93   | ppb   |
| Titanium   | 47-1  | 0.39     | 0.38     | 0.55     | 0.44       | 21.91   | ppb   |
| Uranium    | 238-1 | 0.01     | 0.01     | 0.01     | 0.01       | 19.08   | ppb   |
| Vanadium   | 51-2  | 0.06     | 0.05     | 0.03     | 0.05       | 28.19   | ppb   |
| Yttrium    | 89-1  |          |          |          | 111        |         | %     |
| Yttrium    | 89-2  |          |          |          | 115        |         | %     |
| Zinc       | 66-2  | 290.47   | 277.26   | 278.34   | 282.03     | 2.60    | ppb   |

|                         |                       |                   |                     |
|-------------------------|-----------------------|-------------------|---------------------|
| LB Number :             | LB97237               | Operator :        | Jaswal              |
| Lab Sample ID :         | J4353-01              | Instrumnet Name : | P8                  |
| Client Sample ID :      | 96-1-SBSMT-UTILITY-SI | Dilution Factor : | 1                   |
| Date & Time Acquired :: | 2018-08-10 13:25:28   | DataFile Name :   | 024SMPL_P8081018-MS |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|-----------|------|---------|---------|---------|------------|---------|-------|
| Zirconium | 90-1 | 0.56    | 0.44    | 0.43    | 0.48       | 14.11   | ppb   |
| Zirconium | 91-1 | 0.53    | 0.51    | 0.43    | 0.49       | 10.97   | ppb   |

|                         |                       |                   |                     |
|-------------------------|-----------------------|-------------------|---------------------|
| LB Number :             | LB97237               | Operator :        | Jaswal              |
| Lab Sample ID :         | J4353-01DUP           | Instrumnet Name : | P8                  |
| Client Sample ID :      | 96-1-SBSMT-UTILITY-SI | Dilution Factor : | 1                   |
| Date & Time Acquired :: | 2018-08-10 13:28:48   | DataFile Name :   | 025SMPL_P8081018-MS |

| Parameter  | Mass  | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|------------|-------|---------|---------|---------|------------|---------|-------|
| Aluminium  | 27-2  | 28.04   | 22.85   | 18.06   | 22.98      | 21.73   | ppb   |
| Antimony   | 121-1 | 0.33    | 0.35    | 0.32    | 0.33       | 3.70    | ppb   |
| Arsenic    | 75-2  | 0.30    | 0.46    | 0.36    | 0.37       | 21.81   | ppb   |
| Barium     | 135-1 | 16.01   | 15.79   | 15.53   | 15.78      | 1.51    | ppb   |
| Barium     | 137-1 | 15.84   | 15.31   | 15.51   | 15.55      | 1.72    | ppb   |
| Beryllium  | 9-1   | 0.10    | 0.09    | 0.09    | 0.09       | 2.08    | ppb   |
| Bismuth    | 209-1 |         |         |         | 108        |         | %     |
| Bismuth    | 209-2 |         |         |         | 109        |         | %     |
| Boron      | 10-1  | 16.45   | 14.56   | 14.89   | 15.30      | 6.60    | ppb   |
| Boron      | 11-1  | 15.46   | 15.83   | 14.52   | 15.27      | 4.42    | ppb   |
| Cadmium    | 111-1 | 1.13    | 0.99    | 1.04    | 1.05       | 6.53    | ppb   |
| Cadmium    | 106-1 | 2.05    | -0.07   | 0.53    | 0.83       | 131.13  | ppb   |
| Cadmium    | 108-1 | 1.00    | 1.15    | 1.21    | 1.12       | 9.53    | ppb   |
| Calcium    | 43-1  | 5048.73 | 5161.77 | 5035.02 | 5081.84    | 1.37    | ppb   |
| Calcium    | 44-1  | 5280.42 | 5354.11 | 5083.58 | 5239.37    | 2.67    | ppb   |
| Chromium   | 52-2  | 0.08    | 0.19    | 0.14    | 0.13       | 41.93   | ppb   |
| Cobalt     | 59-2  | -0.01   | 0.02    | 0.05    | 0.02       | 124.61  | ppb   |
| Copper     | 63-2  | 457.19  | 475.02  | 484.39  | 472.20     | 2.93    | ppb   |
| Dysprosium | 156-1 |         |         |         |            |         | cps   |
| Dysprosium | 156-2 |         |         |         |            |         | cps   |
| Erbium     | 164-1 |         |         |         |            |         | cps   |
| Erbium     | 164-2 |         |         |         |            |         | cps   |
| Gadolinium | 160-1 |         |         |         |            |         | cps   |
| Gadolinium | 160-2 |         |         |         |            |         | cps   |
| Holmium    | 165-1 |         |         |         | 110        |         | %     |
| Holmium    | 165-2 |         |         |         | 110        |         | %     |
| Indium     | 115-1 |         |         |         | 110        |         | %     |
| Indium     | 115-2 |         |         |         | 111        |         | %     |
| Iron       | 56-2  | 397.96  | 416.13  | 428.31  | 414.13     | 3.69    | ppb   |
| Iron       | 57-2  | 416.98  | 412.30  | 412.55  | 413.94     | 0.64    | ppb   |
| Krypton    | 83-1  |         |         |         |            |         | cps   |
| Lead       | 206-1 | 2.17    | 2.15    | 2.20    | 2.17       | 1.36    | ppb   |
| Lead       | 207-1 | 2.01    | 2.01    | 2.01    | 2.01       | 0.08    | ppb   |
| Lead       | 208-1 | 2.10    | 2.05    | 2.08    | 2.08       | 1.04    | ppb   |
| Lithium    | 6-1   |         |         |         | 110        |         | %     |
| Magnesium  | 24-2  | 1130.72 | 1222.62 | 1196.66 | 1183.33    | 4.00    | ppb   |

|                         |                       |                   |                     |
|-------------------------|-----------------------|-------------------|---------------------|
| LB Number :             | LB97237               | Operator :        | Jaswal              |
| Lab Sample ID :         | J4353-01DUP           | Instrumnet Name : | P8                  |
| Client Sample ID :      | 96-1-SBSMT-UTILITY-SI | Dilution Factor : | 1                   |
| Date & Time Acquired :: | 2018-08-10 13:28:48   | DataFile Name :   | 025SMPL_P8081018-MS |

| Parameter  | Mass  | ConRep1  | ConRep2  | ConRep3  | Avg. Conc. | ConcRSD | Units |
|------------|-------|----------|----------|----------|------------|---------|-------|
| Manganese  | 55-2  | 7.99     | 9.22     | 8.27     | 8.49       | 7.58    | ppb   |
| Molybdenum | 94-1  | 0.57     | 0.56     | 0.55     | 0.56       | 1.56    | ppb   |
| Molybdenum | 95-1  | 0.25     | 0.25     | 0.22     | 0.24       | 6.96    | ppb   |
| Molybdenum | 96-1  | 0.27     | 0.29     | 0.23     | 0.26       | 11.54   | ppb   |
| Molybdenum | 97-1  | 0.22     | 0.23     | 0.19     | 0.21       | 10.35   | ppb   |
| Molybdenum | 98-1  | 0.33     | 0.35     | 0.31     | 0.33       | 5.79    | ppb   |
| Neodymium  | 150-1 |          |          |          |            |         | cps   |
| Neodymium  | 150-2 |          |          |          |            |         | cps   |
| Nickel     | 60-2  | 1.66     | 1.80     | 1.71     | 1.72       | 4.00    | ppb   |
| Phosphorus | 31-2  | 442.45   | 704.52   | 647.64   | 598.20     | 23.04   | ppb   |
| Potassium  | 39-2  | 572.07   | 603.39   | 629.50   | 601.65     | 4.78    | ppb   |
| Rhodium    | 103-1 |          |          |          | 110        |         | %     |
| Rhodium    | 103-2 |          |          |          | 110        |         | %     |
| Scandium   | 45-1  |          |          |          | 114        |         | %     |
| Scandium   | 45-2  |          |          |          | 114        |         | %     |
| Selenium   | 77-2  | 0.00     | 0.00     | 0.00     | 0.00       | N/A     | ppb   |
| Selenium   | 78-2  | 2.63     | 0.00     | 0.92     | 1.18       | 112.91  | ppb   |
| Selenium   | 82-1  | 0.19     | -0.25    | 0.19     | 0.04       | 603.99  | ppb   |
| Silicon    | 28-1  | 903.53   | 894.51   | 851.78   | 883.27     | 3.13    | ppb   |
| Silver     | 109-1 | 0.24     | 0.26     | 0.28     | 0.26       | 6.95    | ppb   |
| Silver     | 107-1 | 0.29     | 0.28     | 0.30     | 0.29       | 3.91    | ppb   |
| Sodium     | 23-2  | 10970.41 | 11538.20 | 11738.93 | 11415.85   | 3.49    | ppb   |
| Strontium  | 86-1  | 17.93    | 18.40    | 18.06    | 18.13      | 1.32    | ppb   |
| Strontium  | 88-1  | 18.13    | 18.46    | 18.12    | 18.24      | 1.07    | ppb   |
| Sulfur     | 34-1  | -680.53  | -701.17  | -1028.02 | -803.24    |         | ppb   |
| Terbium    | 159-1 |          |          |          | 110        |         | %     |
| Terbium    | 159-2 |          |          |          | 109        |         | %     |
| Thallium   | 203-1 | 0.13     | 0.14     | 0.14     | 0.14       | 3.71    | ppb   |
| Thallium   | 205-1 | 0.14     | 0.15     | 0.15     | 0.15       | 6.43    | ppb   |
| Tin        | 118-1 | 0.11     | 0.11     | 0.07     | 0.10       | 21.66   | ppb   |
| Titanium   | 47-1  | 0.37     | 0.37     | 0.34     | 0.36       | 5.63    | ppb   |
| Uranium    | 238-1 | 0.01     | 0.01     | 0.01     | 0.01       | 20.44   | ppb   |
| Vanadium   | 51-2  | 0.05     | 0.06     | 0.05     | 0.05       | 10.49   | ppb   |
| Yttrium    | 89-1  |          |          |          | 111        |         | %     |
| Yttrium    | 89-2  |          |          |          | 110        |         | %     |
| Zinc       | 66-2  | 289.21   | 297.71   | 303.16   | 296.69     | 2.37    | ppb   |

|                         |                       |                   |                     |
|-------------------------|-----------------------|-------------------|---------------------|
| LB Number :             | LB97237               | Operator :        | Jaswal              |
| Lab Sample ID :         | J4353-01DUP           | Instrumnet Name : | P8                  |
| Client Sample ID :      | 96-1-SBSMT-UTILITY-SI | Dilution Factor : | 1                   |
| Date & Time Acquired :: | 2018-08-10 13:28:48   | DataFile Name :   | 025SMPL_P8081018-MS |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|-----------|------|---------|---------|---------|------------|---------|-------|
| Zirconium | 90-1 | 0.26    | 0.25    | 0.20    | 0.24       | 12.15   | ppb   |
| Zirconium | 91-1 | 0.22    | 0.19    | 0.25    | 0.22       | 13.07   | ppb   |

|                         |                       |                   |                     |
|-------------------------|-----------------------|-------------------|---------------------|
| LB Number :             | LB97237               | Operator :        | Jaswal              |
| Lab Sample ID :         | J4353-01LX5           | Instrumnet Name : | P8                  |
| Client Sample ID :      | 96-1-SBSMT-UTILITY-SI | Dilution Factor : | 5                   |
| Date & Time Acquired :: | 2018-08-10 13:32:09   | DataFile Name :   | 026SMPL_P8081018-MS |

| Parameter  | Mass  | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|------------|-------|---------|---------|---------|------------|---------|-------|
| Aluminium  | 27-2  | 4.81    | 4.93    | 2.63    | 4.12       | 31.47   | ppb   |
| Antimony   | 121-1 | 0.15    | 0.17    | 0.16    | 0.16       | 5.57    | ppb   |
| Arsenic    | 75-2  | 0.13    | 0.12    | 0.02    | 0.09       | 64.50   | ppb   |
| Barium     | 135-1 | 2.82    | 3.18    | 3.28    | 3.09       | 7.73    | ppb   |
| Barium     | 137-1 | 3.02    | 3.12    | 3.21    | 3.12       | 3.07    | ppb   |
| Beryllium  | 9-1   | 0.05    | 0.11    | 0.05    | 0.07       | 43.68   | ppb   |
| Bismuth    | 209-1 |         |         |         | 104        |         | %     |
| Bismuth    | 209-2 |         |         |         | 106        |         | %     |
| Boron      | 10-1  | 8.69    | 8.55    | 8.53    | 8.59       | 1.02    | ppb   |
| Boron      | 11-1  | 7.59    | 8.12    | 7.94    | 7.88       | 3.40    | ppb   |
| Cadmium    | 111-1 | 0.27    | 0.27    | 0.34    | 0.29       | 13.21   | ppb   |
| Cadmium    | 106-1 | 0.60    | 0.90    | 1.44    | 0.98       | 43.49   | ppb   |
| Cadmium    | 108-1 | 0.25    | 0.11    | 0.30    | 0.22       | 44.40   | ppb   |
| Calcium    | 43-1  | 903.31  | 1021.39 | 1012.87 | 979.19     | 6.73    | ppb   |
| Calcium    | 44-1  | 940.42  | 1003.11 | 1016.12 | 986.55     | 4.10    | ppb   |
| Chromium   | 52-2  | -0.10   | 0.02    | 0.02    | -0.02      |         | ppb   |
| Cobalt     | 59-2  | 0.00    | -0.01   | -0.01   | -0.01      |         | ppb   |
| Copper     | 63-2  | 87.40   | 89.07   | 96.06   | 90.84      | 5.06    | ppb   |
| Dysprosium | 156-1 |         |         |         |            |         | cps   |
| Dysprosium | 156-2 |         |         |         |            |         | cps   |
| Erbium     | 164-1 |         |         |         |            |         | cps   |
| Erbium     | 164-2 |         |         |         |            |         | cps   |
| Gadolinium | 160-1 |         |         |         |            |         | cps   |
| Gadolinium | 160-2 |         |         |         |            |         | cps   |
| Holmium    | 165-1 |         |         |         | 106        |         | %     |
| Holmium    | 165-2 |         |         |         | 107        |         | %     |
| Indium     | 115-1 |         |         |         | 107        |         | %     |
| Indium     | 115-2 |         |         |         | 107        |         | %     |
| Iron       | 56-2  | 78.89   | 77.83   | 84.02   | 80.25      | 4.12    | ppb   |
| Iron       | 57-2  | 67.27   | 84.19   | 74.41   | 75.29      | 11.28   | ppb   |
| Krypton    | 83-1  |         |         |         |            |         | cps   |
| Lead       | 206-1 | 0.42    | 0.45    | 0.49    | 0.45       | 8.34    | ppb   |
| Lead       | 207-1 | 0.41    | 0.48    | 0.42    | 0.44       | 8.28    | ppb   |
| Lead       | 208-1 | 0.41    | 0.44    | 0.44    | 0.43       | 4.46    | ppb   |
| Lithium    | 6-1   |         |         |         | 105        |         | %     |
| Magnesium  | 24-2  | 226.29  | 229.50  | 246.02  | 233.94     | 4.53    | ppb   |

|                         |                       |                   |                     |
|-------------------------|-----------------------|-------------------|---------------------|
| LB Number :             | LB97237               | Operator :        | Jaswal              |
| Lab Sample ID :         | J4353-01LX5           | Instrumnet Name : | P8                  |
| Client Sample ID :      | 96-1-SBSMT-UTILITY-SI | Dilution Factor : | 5                   |
| Date & Time Acquired :: | 2018-08-10 13:32:09   | DataFile Name :   | 026SMPL_P8081018-MS |

| Parameter  | Mass  | ConRep1  | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|------------|-------|----------|---------|---------|------------|---------|-------|
| Manganese  | 55-2  | 1.35     | 1.28    | 1.24    | 1.29       | 4.27    | ppb   |
| Molybdenum | 94-1  | 0.15     | 0.12    | 0.11    | 0.13       | 15.09   | ppb   |
| Molybdenum | 95-1  | 0.11     | 0.13    | 0.13    | 0.12       | 6.77    | ppb   |
| Molybdenum | 96-1  | 0.09     | 0.13    | 0.11    | 0.11       | 19.08   | ppb   |
| Molybdenum | 97-1  | 0.14     | 0.14    | 0.15    | 0.14       | 3.19    | ppb   |
| Molybdenum | 98-1  | 0.14     | 0.15    | 0.14    | 0.14       | 7.15    | ppb   |
| Neodymium  | 150-1 |          |         |         |            |         | cps   |
| Neodymium  | 150-2 |          |         |         |            |         | cps   |
| Nickel     | 60-2  | 0.19     | 0.34    | 0.28    | 0.27       | 28.54   | ppb   |
| Phosphorus | 31-2  | 53.15    | 126.93  | 86.56   | 88.88      | 41.57   | ppb   |
| Potassium  | 39-2  | 133.30   | 137.36  | 129.99  | 133.55     | 2.76    | ppb   |
| Rhodium    | 103-1 |          |         |         | 107        |         | %     |
| Rhodium    | 103-2 |          |         |         | 107        |         | %     |
| Scandium   | 45-1  |          |         |         | 109        |         | %     |
| Scandium   | 45-2  |          |         |         | 110        |         | %     |
| Selenium   | 77-2  | 5.45     | 0.00    | 0.00    | 1.82       | 173.21  | ppb   |
| Selenium   | 78-2  | 1.74     | 0.91    | 2.00    | 1.55       | 36.54   | ppb   |
| Selenium   | 82-1  | 0.33     | -0.25   | -0.03   | 0.02       | 1532.48 | ppb   |
| Silicon    | 28-1  | 185.68   | 197.84  | 205.93  | 196.48     | 5.19    | ppb   |
| Silver     | 109-1 | 0.11     | 0.13    | 0.12    | 0.12       | 10.66   | ppb   |
| Silver     | 107-1 | 0.14     | 0.10    | 0.12    | 0.12       | 14.26   | ppb   |
| Sodium     | 23-2  | 2109.73  | 2145.96 | 2298.33 | 2184.67    | 4.58    | ppb   |
| Strontium  | 86-1  | 3.29     | 3.43    | 3.87    | 3.53       | 8.64    | ppb   |
| Strontium  | 88-1  | 3.45     | 3.52    | 3.68    | 3.55       | 3.26    | ppb   |
| Sulfur     | 34-1  | -1553.32 | -905.22 | -607.34 | -1021.96   |         | ppb   |
| Terbium    | 159-1 |          |         |         | 107        |         | %     |
| Terbium    | 159-2 |          |         |         | 106        |         | %     |
| Thallium   | 203-1 | 0.03     | 0.05    | 0.03    | 0.04       | 40.15   | ppb   |
| Thallium   | 205-1 | 0.04     | 0.04    | 0.05    | 0.04       | 6.88    | ppb   |
| Tin        | 118-1 | 0.02     | 0.16    | 0.20    | 0.13       | 72.60   | ppb   |
| Titanium   | 47-1  | 0.05     | 0.12    | 0.03    | 0.06       | 75.13   | ppb   |
| Uranium    | 238-1 | 0.00     | 0.00    | 0.00    | 0.00       | 72.72   | ppb   |
| Vanadium   | 51-2  | 0.01     | 0.01    | 0.02    | 0.01       | 54.40   | ppb   |
| Yttrium    | 89-1  |          |         |         | 107        |         | %     |
| Yttrium    | 89-2  |          |         |         | 107        |         | %     |
| Zinc       | 66-2  | 54.24    | 56.08   | 60.50   | 56.94      | 5.65    | ppb   |

|                         |                       |                   |                     |
|-------------------------|-----------------------|-------------------|---------------------|
| LB Number :             | LB97237               | Operator :        | Jaswal              |
| Lab Sample ID :         | J4353-01LX5           | Instrumnet Name : | P8                  |
| Client Sample ID :      | 96-1-SBSMT-UTILITY-SI | Dilution Factor : | 5                   |
| Date & Time Acquired :: | 2018-08-10 13:32:09   | DataFile Name :   | 026SMPL_P8081018-MS |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|-----------|------|---------|---------|---------|------------|---------|-------|
| Zirconium | 90-1 | 0.06    | 0.04    | 0.04    | 0.04       | 19.85   | ppb   |
| Zirconium | 91-1 | 0.06    | 0.03    | 0.05    | 0.05       | 31.34   | ppb   |



|                         |                       |                   |                     |
|-------------------------|-----------------------|-------------------|---------------------|
| LB Number :             | LB97237               | Operator :        | Jaswal              |
| Lab Sample ID :         | J4353-01MS            | Instrumnet Name : | P8                  |
| Client Sample ID :      | 96-1-SBSMT-UTILITY-SI | Dilution Factor : | 1                   |
| Date & Time Acquired :: | 2018-08-10 13:35:30   | DataFile Name :   | 027SMPL_P8081018-MS |

| Parameter  | Mass  | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|------------|-------|---------|---------|---------|------------|---------|-------|
| Aluminium  | 27-2  | 1964.57 | 1937.61 | 1821.82 | 1908.00    | 3.97    | ppb   |
| Antimony   | 121-1 | 722.22  | 716.41  | 719.11  | 719.24     | 0.40    | ppb   |
| Arsenic    | 75-2  | 765.77  | 776.42  | 763.12  | 768.44     | 0.92    | ppb   |
| Barium     | 135-1 | 214.77  | 213.40  | 213.70  | 213.96     | 0.34    | ppb   |
| Barium     | 137-1 | 215.34  | 214.22  | 215.81  | 215.12     | 0.38    | ppb   |
| Beryllium  | 9-1   | 192.71  | 192.64  | 193.21  | 192.85     | 0.16    | ppb   |
| Bismuth    | 209-1 |         |         |         | 113        |         | %     |
| Bismuth    | 209-2 |         |         |         | 114        |         | %     |
| Boron      | 10-1  | 279.68  | 293.92  | 287.78  | 287.13     | 2.49    | ppb   |
| Boron      | 11-1  | 279.41  | 281.72  | 290.05  | 283.73     | 1.97    | ppb   |
| Cadmium    | 111-1 | 198.35  | 199.46  | 199.48  | 199.10     | 0.33    | ppb   |
| Cadmium    | 106-1 | 167.44  | 171.69  | 174.98  | 171.37     | 2.21    | ppb   |
| Cadmium    | 108-1 | 183.27  | 184.09  | 181.08  | 182.81     | 0.85    | ppb   |
| Calcium    | 43-1  | 5963.02 | 5988.80 | 5956.89 | 5969.57    | 0.28    | ppb   |
| Calcium    | 44-1  | 6018.37 | 6107.32 | 6179.65 | 6101.78    | 1.32    | ppb   |
| Chromium   | 52-2  | 388.79  | 399.64  | 385.89  | 391.44     | 1.85    | ppb   |
| Cobalt     | 59-2  | 196.49  | 204.07  | 194.74  | 198.43     | 2.50    | ppb   |
| Copper     | 63-2  | 761.99  | 786.66  | 755.52  | 768.06     | 2.14    | ppb   |
| Dysprosium | 156-1 |         |         |         |            |         | cps   |
| Dysprosium | 156-2 |         |         |         |            |         | cps   |
| Erbium     | 164-1 |         |         |         |            |         | cps   |
| Erbium     | 164-2 |         |         |         |            |         | cps   |
| Gadolinium | 160-1 |         |         |         |            |         | cps   |
| Gadolinium | 160-2 |         |         |         |            |         | cps   |
| Holmium    | 165-1 |         |         |         | 114        |         | %     |
| Holmium    | 165-2 |         |         |         | 116        |         | %     |
| Indium     | 115-1 |         |         |         | 113        |         | %     |
| Indium     | 115-2 |         |         |         | 112        |         | %     |
| Iron       | 56-2  | 3612.11 | 3734.42 | 3561.08 | 3635.87    | 2.45    | ppb   |
| Iron       | 57-2  | 3525.39 | 3539.35 | 3494.86 | 3519.87    | 0.65    | ppb   |
| Krypton    | 83-1  |         |         |         |            |         | cps   |
| Lead       | 206-1 | 957.81  | 958.60  | 967.82  | 961.41     | 0.58    | ppb   |
| Lead       | 207-1 | 939.71  | 947.99  | 955.36  | 947.69     | 0.83    | ppb   |
| Lead       | 208-1 | 948.10  | 955.06  | 963.72  | 955.63     | 0.82    | ppb   |
| Lithium    | 6-1   |         |         |         | 114        |         | %     |
| Magnesium  | 24-2  | 3080.66 | 3202.70 | 2986.69 | 3090.02    | 3.51    | ppb   |

|                         |                       |                   |                     |
|-------------------------|-----------------------|-------------------|---------------------|
| LB Number :             | LB97237               | Operator :        | Jaswal              |
| Lab Sample ID :         | J4353-01MS            | Instrumnet Name : | P8                  |
| Client Sample ID :      | 96-1-SBSMT-UTILITY-SI | Dilution Factor : | 1                   |
| Date & Time Acquired :: | 2018-08-10 13:35:30   | DataFile Name :   | 027SMPL_P8081018-MS |

| Parameter  | Mass  | ConRep1  | ConRep2  | ConRep3  | Avg. Conc. | ConcRSD | Units |
|------------|-------|----------|----------|----------|------------|---------|-------|
| Manganese  | 55-2  | 200.50   | 207.96   | 195.72   | 201.39     | 3.06    | ppb   |
| Molybdenum | 94-1  | 270.83   | 267.17   | 266.24   | 268.08     | 0.90    | ppb   |
| Molybdenum | 95-1  | 399.32   | 385.63   | 384.49   | 389.81     | 2.12    | ppb   |
| Molybdenum | 96-1  | 379.42   | 377.26   | 373.36   | 376.68     | 0.81    | ppb   |
| Molybdenum | 97-1  | 380.98   | 381.19   | 376.10   | 379.42     | 0.76    | ppb   |
| Molybdenum | 98-1  | 392.17   | 389.29   | 388.74   | 390.07     | 0.47    | ppb   |
| Neodymium  | 150-1 |          |          |          |            |         | cps   |
| Neodymium  | 150-2 |          |          |          |            |         | cps   |
| Nickel     | 60-2  | 500.77   | 513.16   | 494.77   | 502.90     | 1.86    | ppb   |
| Phosphorus | 31-2  | 6688.47  | 6895.25  | 6143.40  | 6575.71    | 5.91    | ppb   |
| Potassium  | 39-2  | 10280.03 | 10559.00 | 10138.61 | 10325.88   | 2.07    | ppb   |
| Rhodium    | 103-1 |          |          |          | 112        |         | %     |
| Rhodium    | 103-2 |          |          |          | 113        |         | %     |
| Scandium   | 45-1  |          |          |          | 114        |         | %     |
| Scandium   | 45-2  |          |          |          | 113        |         | %     |
| Selenium   | 77-2  | 2014.20  | 1997.66  | 2091.80  | 2034.56    | 2.47    | ppb   |
| Selenium   | 78-2  | 1899.25  | 2053.91  | 1982.55  | 1978.57    | 3.91    | ppb   |
| Selenium   | 82-1  | 2007.33  | 2001.29  | 1978.62  | 1995.75    | 0.76    | ppb   |
| Silicon    | 28-1  | 1824.22  | 1833.86  | 1838.12  | 1832.07    | 0.39    | ppb   |
| Silver     | 109-1 | 75.97    | 76.26    | 75.17    | 75.80      | 0.75    | ppb   |
| Silver     | 107-1 | 74.35    | 74.22    | 74.39    | 74.32      | 0.12    | ppb   |
| Sodium     | 23-2  | 13793.92 | 14196.97 | 13650.27 | 13880.39   | 2.04    | ppb   |
| Strontium  | 86-1  | 211.25   | 210.36   | 209.05   | 210.22     | 0.53    | ppb   |
| Strontium  | 88-1  | 214.24   | 212.45   | 211.50   | 212.73     | 0.65    | ppb   |
| Sulfur     | 34-1  | -1251.27 | -1333.89 | -1187.70 | -1257.62   |         | ppb   |
| Terbium    | 159-1 |          |          |          | 114        |         | %     |
| Terbium    | 159-2 |          |          |          | 115        |         | %     |
| Thallium   | 203-1 | 1903.75  | 1941.11  | 1941.06  | 1928.64    | 1.12    | ppb   |
| Thallium   | 205-1 | 1904.72  | 1929.03  | 1937.66  | 1923.80    | 0.89    | ppb   |
| Tin        | 118-1 | 688.00   | 683.07   | 683.60   | 684.89     | 0.40    | ppb   |
| Titanium   | 47-1  | 194.06   | 196.67   | 197.35   | 196.03     | 0.89    | ppb   |
| Uranium    | 238-1 | 0.01     | 0.01     | 0.01     | 0.01       | 12.67   | ppb   |
| Vanadium   | 51-2  | 290.29   | 298.78   | 286.34   | 291.80     | 2.18    | ppb   |
| Yttrium    | 89-1  |          |          |          | 114        |         | %     |
| Yttrium    | 89-2  |          |          |          | 113        |         | %     |
| Zinc       | 66-2  | 467.14   | 483.53   | 473.31   | 474.66     | 1.74    | ppb   |

|                         |                       |                   |                     |
|-------------------------|-----------------------|-------------------|---------------------|
| LB Number :             | LB97237               | Operator :        | Jaswal              |
| Lab Sample ID :         | J4353-01MS            | Instrumnet Name : | P8                  |
| Client Sample ID :      | 96-1-SBSMT-UTILITY-SI | Dilution Factor : | 1                   |
| Date & Time Acquired :: | 2018-08-10 13:35:30   | DataFile Name :   | 027SMPL_P8081018-MS |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|-----------|------|---------|---------|---------|------------|---------|-------|
| Zirconium | 90-1 | 0.98    | 0.78    | 0.67    | 0.81       | 19.28   | ppb   |
| Zirconium | 91-1 | 1.14    | 0.91    | 0.80    | 0.95       | 18.30   | ppb   |

|                         |                       |                   |                     |
|-------------------------|-----------------------|-------------------|---------------------|
| LB Number :             | LB97237               | Operator :        | Jaswal              |
| Lab Sample ID :         | J4353-01MSD           | Instrumnet Name : | P8                  |
| Client Sample ID :      | 96-1-SBSMT-UTILITY-SI | Dilution Factor : | 1                   |
| Date & Time Acquired :: | 2018-08-10 13:38:46   | DataFile Name :   | 028SMPL_P8081018-MS |

| Parameter  | Mass  | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|------------|-------|---------|---------|---------|------------|---------|-------|
| Aluminium  | 27-2  | 1825.38 | 1906.28 | 2062.34 | 1931.33    | 6.24    | ppb   |
| Antimony   | 121-1 | 740.92  | 740.03  | 736.93  | 739.29     | 0.28    | ppb   |
| Arsenic    | 75-2  | 757.62  | 773.84  | 850.95  | 794.14     | 6.28    | ppb   |
| Barium     | 135-1 | 215.37  | 218.93  | 217.92  | 217.41     | 0.84    | ppb   |
| Barium     | 137-1 | 217.81  | 221.08  | 218.07  | 218.99     | 0.83    | ppb   |
| Beryllium  | 9-1   | 191.24  | 192.36  | 190.24  | 191.28     | 0.55    | ppb   |
| Bismuth    | 209-1 |         |         |         | 113        |         | %     |
| Bismuth    | 209-2 |         |         |         | 110        |         | %     |
| Boron      | 10-1  | 288.09  | 295.10  | 297.79  | 293.66     | 1.71    | ppb   |
| Boron      | 11-1  | 283.60  | 291.56  | 297.25  | 290.80     | 2.36    | ppb   |
| Cadmium    | 111-1 | 201.01  | 203.55  | 200.71  | 201.76     | 0.77    | ppb   |
| Cadmium    | 106-1 | 167.70  | 174.14  | 168.92  | 170.25     | 2.01    | ppb   |
| Cadmium    | 108-1 | 180.89  | 182.62  | 185.13  | 182.88     | 1.16    | ppb   |
| Calcium    | 43-1  | 6100.74 | 6191.03 | 6145.32 | 6145.70    | 0.73    | ppb   |
| Calcium    | 44-1  | 6208.18 | 6291.11 | 6227.40 | 6242.23    | 0.70    | ppb   |
| Chromium   | 52-2  | 384.58  | 397.70  | 442.11  | 408.13     | 7.39    | ppb   |
| Cobalt     | 59-2  | 193.24  | 202.15  | 224.21  | 206.53     | 7.72    | ppb   |
| Copper     | 63-2  | 756.44  | 786.50  | 872.90  | 805.28     | 7.51    | ppb   |
| Dysprosium | 156-1 |         |         |         |            |         | cps   |
| Dysprosium | 156-2 |         |         |         |            |         | cps   |
| Erbium     | 164-1 |         |         |         |            |         | cps   |
| Erbium     | 164-2 |         |         |         |            |         | cps   |
| Gadolinium | 160-1 |         |         |         |            |         | cps   |
| Gadolinium | 160-2 |         |         |         |            |         | cps   |
| Holmium    | 165-1 |         |         |         | 113        |         | %     |
| Holmium    | 165-2 |         |         |         | 112        |         | %     |
| Indium     | 115-1 |         |         |         | 111        |         | %     |
| Indium     | 115-2 |         |         |         | 107        |         | %     |
| Iron       | 56-2  | 3525.32 | 3678.78 | 4039.04 | 3747.71    | 7.04    | ppb   |
| Iron       | 57-2  | 3551.52 | 3546.53 | 3950.22 | 3682.76    | 6.29    | ppb   |
| Krypton    | 83-1  |         |         |         |            |         | cps   |
| Lead       | 206-1 | 978.07  | 990.90  | 983.81  | 984.26     | 0.65    | ppb   |
| Lead       | 207-1 | 967.78  | 971.34  | 960.45  | 966.52     | 0.57    | ppb   |
| Lead       | 208-1 | 969.11  | 975.23  | 970.61  | 971.65     | 0.33    | ppb   |
| Lithium    | 6-1   |         |         |         | 113        |         | %     |
| Magnesium  | 24-2  | 3021.48 | 3088.73 | 3388.77 | 3166.33    | 6.18    | ppb   |

|                         |                       |                   |                     |
|-------------------------|-----------------------|-------------------|---------------------|
| LB Number :             | LB97237               | Operator :        | Jaswal              |
| Lab Sample ID :         | J4353-01MSD           | Instrumnet Name : | P8                  |
| Client Sample ID :      | 96-1-SBSMT-UTILITY-SI | Dilution Factor : | 1                   |
| Date & Time Acquired :: | 2018-08-10 13:38:46   | DataFile Name :   | 028SMPL_P8081018-MS |

| Parameter  | Mass  | ConRep1  | ConRep2  | ConRep3  | Avg. Conc. | ConcRSD | Units |
|------------|-------|----------|----------|----------|------------|---------|-------|
| Manganese  | 55-2  | 197.77   | 202.29   | 225.79   | 208.62     | 7.21    | ppb   |
| Molybdenum | 94-1  | 275.49   | 275.05   | 271.64   | 274.06     | 0.77    | ppb   |
| Molybdenum | 95-1  | 398.64   | 400.93   | 396.94   | 398.84     | 0.50    | ppb   |
| Molybdenum | 96-1  | 392.64   | 390.18   | 382.58   | 388.46     | 1.35    | ppb   |
| Molybdenum | 97-1  | 391.14   | 389.55   | 389.06   | 389.92     | 0.28    | ppb   |
| Molybdenum | 98-1  | 399.90   | 399.89   | 398.05   | 399.28     | 0.27    | ppb   |
| Neodymium  | 150-1 |          |          |          |            |         | cps   |
| Neodymium  | 150-2 |          |          |          |            |         | cps   |
| Nickel     | 60-2  | 494.98   | 514.27   | 575.96   | 528.40     | 8.01    | ppb   |
| Phosphorus | 31-2  | 5967.64  | 6256.06  | 6543.04  | 6255.58    | 4.60    | ppb   |
| Potassium  | 39-2  | 9874.53  | 10150.38 | 11353.16 | 10459.36   | 7.52    | ppb   |
| Rhodium    | 103-1 |          |          |          | 110        |         | %     |
| Rhodium    | 103-2 |          |          |          | 109        |         | %     |
| Scandium   | 45-1  |          |          |          | 111        |         | %     |
| Scandium   | 45-2  |          |          |          | 107        |         | %     |
| Selenium   | 77-2  | 1917.18  | 1804.72  | 2181.02  | 1967.64    | 9.82    | ppb   |
| Selenium   | 78-2  | 1867.08  | 1969.49  | 2167.91  | 2001.49    | 7.64    | ppb   |
| Selenium   | 82-1  | 2054.75  | 2045.81  | 2024.38  | 2041.65    | 0.76    | ppb   |
| Silicon    | 28-1  | 1855.04  | 1872.65  | 1856.41  | 1861.37    | 0.53    | ppb   |
| Silver     | 109-1 | 75.70    | 78.10    | 76.71    | 76.83      | 1.57    | ppb   |
| Silver     | 107-1 | 74.98    | 75.56    | 75.42    | 75.32      | 0.40    | ppb   |
| Sodium     | 23-2  | 13517.19 | 13869.51 | 15488.39 | 14291.70   | 7.36    | ppb   |
| Strontium  | 86-1  | 215.25   | 213.12   | 211.46   | 213.28     | 0.89    | ppb   |
| Strontium  | 88-1  | 217.34   | 217.17   | 217.63   | 217.38     | 0.11    | ppb   |
| Sulfur     | 34-1  | -1654.60 | -1475.64 | -1629.76 | -1586.66   |         | ppb   |
| Terbium    | 159-1 |          |          |          | 114        |         | %     |
| Terbium    | 159-2 |          |          |          | 111        |         | %     |
| Thallium   | 203-1 | 1956.09  | 1978.53  | 1947.62  | 1960.75    | 0.81    | ppb   |
| Thallium   | 205-1 | 1967.82  | 1968.46  | 1953.70  | 1963.33    | 0.43    | ppb   |
| Tin        | 118-1 | 695.07   | 702.05   | 699.09   | 698.73     | 0.50    | ppb   |
| Titanium   | 47-1  | 199.81   | 199.67   | 202.03   | 200.50     | 0.66    | ppb   |
| Uranium    | 238-1 | 0.01     | 0.01     | 0.01     | 0.01       | 8.37    | ppb   |
| Vanadium   | 51-2  | 287.62   | 294.54   | 332.12   | 304.76     | 7.86    | ppb   |
| Yttrium    | 89-1  |          |          |          | 112        |         | %     |
| Yttrium    | 89-2  |          |          |          | 109        |         | %     |
| Zinc       | 66-2  | 468.60   | 485.17   | 543.95   | 499.24     | 7.93    | ppb   |

|                         |                       |                   |                     |
|-------------------------|-----------------------|-------------------|---------------------|
| LB Number :             | LB97237               | Operator :        | Jaswal              |
| Lab Sample ID :         | J4353-01MSD           | Instrumnet Name : | P8                  |
| Client Sample ID :      | 96-1-SBSMT-UTILITY-SI | Dilution Factor : | 1                   |
| Date & Time Acquired :: | 2018-08-10 13:38:46   | DataFile Name :   | 028SMPL_P8081018-MS |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|-----------|------|---------|---------|---------|------------|---------|-------|
| Zirconium | 90-1 | 0.42    | 0.37    | 0.34    | 0.37       | 10.66   | ppb   |
| Zirconium | 91-1 | 0.63    | 0.54    | 0.61    | 0.59       | 7.96    | ppb   |

|                         |                     |                   |                      |
|-------------------------|---------------------|-------------------|----------------------|
| LB Number :             | LB97237             | Operator :        | Jaswal               |
| Lab Sample ID :         | CCV91               | Instrumnet Name : | P8                   |
| Client Sample ID :      | CCV91               | Dilution Factor : | 1                    |
| Date & Time Acquired :: | 2018-08-10 13:42:01 | DataFile Name :   | 029CCV_P8081018-MS.I |

| Parameter  | Mass  | ConRep1   | ConRep2   | ConRep3   | Avg. Conc. | ConcRSD | Units |
|------------|-------|-----------|-----------|-----------|------------|---------|-------|
| Aluminium  | 27-2  | 53734.14  | 51202.89  | 52735.88  | 52557.64   | 2.43    | ppb   |
| Antimony   | 121-1 | 484.75    | 490.80    | 487.23    | 487.59     | 0.62    | ppb   |
| Arsenic    | 75-2  | 495.55    | 491.67    | 502.28    | 496.50     | 1.08    | ppb   |
| Barium     | 135-1 | 2510.95   | 2505.92   | 2491.93   | 2502.93    | 0.39    | ppb   |
| Barium     | 137-1 | 2498.86   | 2492.98   | 2473.56   | 2488.46    | 0.53    | ppb   |
| Beryllium  | 9-1   | 492.26    | 485.13    | 480.99    | 486.13     | 1.17    | ppb   |
| Bismuth    | 209-1 |           |           |           | 100        |         | %     |
| Bismuth    | 209-2 |           |           |           | 101        |         | %     |
| Boron      | 10-1  | 493.04    | 496.87    | 507.03    | 498.98     | 1.45    | ppb   |
| Boron      | 11-1  | 493.90    | 500.09    | 505.91    | 499.97     | 1.20    | ppb   |
| Cadmium    | 111-1 | 478.64    | 481.74    | 480.68    | 480.35     | 0.33    | ppb   |
| Cadmium    | 106-1 | 484.66    | 488.47    | 484.88    | 486.00     | 0.44    | ppb   |
| Cadmium    | 108-1 | 482.04    | 484.49    | 481.67    | 482.73     | 0.32    | ppb   |
| Calcium    | 43-1  | 239995.26 | 236811.13 | 238309.14 | 238371.84  | 0.67    | ppb   |
| Calcium    | 44-1  | 236858.19 | 234988.05 | 233115.18 | 234987.14  | 0.80    | ppb   |
| Chromium   | 52-2  | 518.70    | 496.17    | 511.81    | 508.89     | 2.27    | ppb   |
| Cobalt     | 59-2  | 494.65    | 475.71    | 488.52    | 486.29     | 1.99    | ppb   |
| Copper     | 63-2  | 969.17    | 934.64    | 955.85    | 953.22     | 1.83    | ppb   |
| Dysprosium | 156-1 |           |           |           |            |         | cps   |
| Dysprosium | 156-2 |           |           |           |            |         | cps   |
| Erbium     | 164-1 |           |           |           |            |         | cps   |
| Erbium     | 164-2 |           |           |           |            |         | cps   |
| Gadolinium | 160-1 |           |           |           |            |         | cps   |
| Gadolinium | 160-2 |           |           |           |            |         | cps   |
| Holmium    | 165-1 |           |           |           | 107        |         | %     |
| Holmium    | 165-2 |           |           |           | 109        |         | %     |
| Indium     | 115-1 |           |           |           | 101        |         | %     |
| Indium     | 115-2 |           |           |           | 102        |         | %     |
| Iron       | 56-2  | 132419.89 | 127399.41 | 130975.70 | 130265.00  | 1.98    | ppb   |
| Iron       | 57-2  | 133674.21 | 128447.77 | 132601.12 | 131574.37  | 2.10    | ppb   |
| Krypton    | 83-1  |           |           |           |            |         | cps   |
| Lead       | 206-1 | 515.60    | 509.15    | 502.99    | 509.25     | 1.24    | ppb   |
| Lead       | 207-1 | 515.22    | 505.75    | 500.55    | 507.17     | 1.47    | ppb   |
| Lead       | 208-1 | 513.51    | 506.58    | 497.86    | 505.98     | 1.55    | ppb   |
| Lithium    | 6-1   |           |           |           | 104        |         | %     |
| Magnesium  | 24-2  | 255346.13 | 243632.18 | 250358.61 | 249778.97  | 2.35    | ppb   |

|                         |                     |                   |                      |
|-------------------------|---------------------|-------------------|----------------------|
| LB Number :             | LB97237             | Operator :        | Jaswal               |
| Lab Sample ID :         | CCV91               | Instrumnet Name : | P8                   |
| Client Sample ID :      | CCV91               | Dilution Factor : | 1                    |
| Date & Time Acquired :: | 2018-08-10 13:42:01 | DataFile Name :   | 029CCV_P8081018-MS.I |

| Parameter  | Mass  | ConRep1   | ConRep2   | ConRep3   | Avg. Conc. | ConcRSD | Units |
|------------|-------|-----------|-----------|-----------|------------|---------|-------|
| Manganese  | 55-2  | 1005.63   | 972.39    | 995.92    | 991.31     | 1.72    | ppb   |
| Molybdenum | 94-1  | 2490.72   | 2503.32   | 2471.25   | 2488.43    | 0.65    | ppb   |
| Molybdenum | 95-1  | 2517.11   | 2467.40   | 2459.45   | 2481.32    | 1.26    | ppb   |
| Molybdenum | 96-1  | 2511.62   | 2475.40   | 2463.81   | 2483.61    | 1.00    | ppb   |
| Molybdenum | 97-1  | 2520.18   | 2507.79   | 2481.11   | 2503.03    | 0.80    | ppb   |
| Molybdenum | 98-1  | 2516.75   | 2467.96   | 2485.72   | 2490.14    | 0.99    | ppb   |
| Neodymium  | 150-1 |           |           |           |            |         | cps   |
| Neodymium  | 150-2 |           |           |           |            |         | cps   |
| Nickel     | 60-2  | 504.50    | 484.09    | 496.81    | 495.13     | 2.08    | ppb   |
| Phosphorus | 31-2  | 10535.15  | 10337.57  | 9505.49   | 10126.07   | 5.40    | ppb   |
| Potassium  | 39-2  | 126776.37 | 121187.57 | 124757.45 | 124240.47  | 2.28    | ppb   |
| Rhodium    | 103-1 |           |           |           | 99         |         | %     |
| Rhodium    | 103-2 |           |           |           | 99         |         | %     |
| Scandium   | 45-1  |           |           |           | 104        |         | %     |
| Scandium   | 45-2  |           |           |           | 105        |         | %     |
| Selenium   | 77-2  | 423.38    | 496.74    | 395.28    | 438.47     | 11.95   | ppb   |
| Selenium   | 78-2  | 481.99    | 459.31    | 511.77    | 484.35     | 5.43    | ppb   |
| Selenium   | 82-1  | 487.95    | 487.45    | 487.68    | 487.69     | 0.05    | ppb   |
| Silicon    | 28-1  | 551.32    | 543.58    | 539.16    | 544.69     | 1.13    | ppb   |
| Silver     | 109-1 | 493.37    | 488.84    | 489.81    | 490.67     | 0.49    | ppb   |
| Silver     | 107-1 | 487.67    | 491.29    | 487.42    | 488.80     | 0.44    | ppb   |
| Sodium     | 23-2  | 256695.92 | 243990.15 | 252373.99 | 251020.02  | 2.57    | ppb   |
| Strontium  | 86-1  | 494.83    | 491.91    | 490.15    | 492.30     | 0.48    | ppb   |
| Strontium  | 88-1  | 497.30    | 500.95    | 498.42    | 498.89     | 0.37    | ppb   |
| Sulfur     | 34-1  | 9211.46   | 8881.74   | 8623.14   | 8905.45    | 3.31    | ppb   |
| Terbium    | 159-1 |           |           |           | 106        |         | %     |
| Terbium    | 159-2 |           |           |           | 107        |         | %     |
| Thallium   | 203-1 | 518.21    | 503.14    | 503.54    | 508.30     | 1.69    | ppb   |
| Thallium   | 205-1 | 511.07    | 497.94    | 491.61    | 500.20     | 1.98    | ppb   |
| Tin        | 118-1 | 498.78    | 498.44    | 503.44    | 500.22     | 0.56    | ppb   |
| Titanium   | 47-1  | 2505.96   | 2513.94   | 2471.62   | 2497.17    | 0.90    | ppb   |
| Uranium    | 238-1 | 515.89    | 508.46    | 500.08    | 508.15     | 1.56    | ppb   |
| Vanadium   | 51-2  | 508.94    | 490.73    | 498.97    | 499.54     | 1.83    | ppb   |
| Yttrium    | 89-1  |           |           |           | 105        |         | %     |
| Yttrium    | 89-2  |           |           |           | 105        |         | %     |
| Zinc       | 66-2  | 986.64    | 941.91    | 977.02    | 968.52     | 2.43    | ppb   |



|                         |                     |                   |                      |
|-------------------------|---------------------|-------------------|----------------------|
| LB Number :             | LB97237             | Operator :        | Jaswal               |
| Lab Sample ID :         | CCV91               | Instrumnet Name : | P8                   |
| Client Sample ID :      | CCV91               | Dilution Factor : | 1                    |
| Date & Time Acquired :: | 2018-08-10 13:42:01 | DataFile Name :   | 029CCV_P8081018-MS.I |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|-----------|------|---------|---------|---------|------------|---------|-------|
| Zirconium | 90-1 | 504.99  | 494.93  | 499.64  | 499.85     | 1.01    | ppb   |
| Zirconium | 91-1 | 499.12  | 493.26  | 497.94  | 496.77     | 0.62    | ppb   |

|                         |                     |                   |                     |
|-------------------------|---------------------|-------------------|---------------------|
| LB Number :             | LB97237             | Operator :        | Jaswal              |
| Lab Sample ID :         | CCB91               | Instrumnet Name : | P8                  |
| Client Sample ID :      | CCB91               | Dilution Factor : | 1                   |
| Date & Time Acquired :: | 2018-08-10 13:45:11 | DataFile Name :   | 030CCBE_P8081018-M5 |

| Parameter  | Mass  | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|------------|-------|---------|---------|---------|------------|---------|-------|
| Aluminium  | 27-2  | 0.24    | 1.50    | -1.18   | 0.19       | 718.84  | ppb   |
| Antimony   | 121-1 | 1.48    | 1.37    | 1.20    | 1.35       | 10.19   | ppb   |
| Arsenic    | 75-2  | 0.13    | 0.17    | 0.08    | 0.13       | 33.41   | ppb   |
| Barium     | 135-1 | 0.05    | 0.06    | 0.02    | 0.04       | 44.21   | ppb   |
| Barium     | 137-1 | 0.04    | 0.06    | 0.03    | 0.04       | 33.43   | ppb   |
| Beryllium  | 9-1   | 0.28    | 0.27    | 0.27    | 0.27       | 2.33    | ppb   |
| Bismuth    | 209-1 |         |         |         | 102        |         | %     |
| Bismuth    | 209-2 |         |         |         | 107        |         | %     |
| Boron      | 10-1  | 27.05   | 24.50   | 25.35   | 25.63      | 5.07    | ppb   |
| Boron      | 11-1  | 25.38   | 24.38   | 22.34   | 24.03      | 6.46    | ppb   |
| Cadmium    | 111-1 | 0.01    | 0.06    | 0.08    | 0.05       | 76.68   | ppb   |
| Cadmium    | 106-1 | -0.61   | 0.31    | 0.35    | 0.02       | 3374.59 | ppb   |
| Cadmium    | 108-1 | 0.08    | 0.09    | 0.02    | 0.06       | 61.76   | ppb   |
| Calcium    | 43-1  | 7.02    | -5.58   | 5.24    | 2.23       | 305.84  | ppb   |
| Calcium    | 44-1  | 3.85    | 0.83    | -0.20   | 1.49       | 141.12  | ppb   |
| Chromium   | 52-2  | 0.04    | -0.09   | -0.12   | -0.06      |         | ppb   |
| Cobalt     | 59-2  | 0.00    | 0.00    | -0.01   | 0.00       |         | ppb   |
| Copper     | 63-2  | -0.12   | -0.19   | -0.28   | -0.20      |         | ppb   |
| Dysprosium | 156-1 |         |         |         |            |         | cps   |
| Dysprosium | 156-2 |         |         |         |            |         | cps   |
| Erbium     | 164-1 |         |         |         |            |         | cps   |
| Erbium     | 164-2 |         |         |         |            |         | cps   |
| Gadolinium | 160-1 |         |         |         |            |         | cps   |
| Gadolinium | 160-2 |         |         |         |            |         | cps   |
| Holmium    | 165-1 |         |         |         | 103        |         | %     |
| Holmium    | 165-2 |         |         |         | 108        |         | %     |
| Indium     | 115-1 |         |         |         | 104        |         | %     |
| Indium     | 115-2 |         |         |         | 107        |         | %     |
| Iron       | 56-2  | 3.97    | 3.08    | 2.85    | 3.30       | 17.91   | ppb   |
| Iron       | 57-2  | 2.95    | 6.35    | 3.27    | 4.19       | 44.80   | ppb   |
| Krypton    | 83-1  |         |         |         |            |         | cps   |
| Lead       | 206-1 | 0.08    | 0.07    | 0.06    | 0.07       | 15.43   | ppb   |
| Lead       | 207-1 | 0.06    | 0.06    | 0.06    | 0.06       | 3.27    | ppb   |
| Lead       | 208-1 | 0.07    | 0.07    | 0.05    | 0.06       | 10.80   | ppb   |
| Lithium    | 6-1   |         |         |         | 103        |         | %     |
| Magnesium  | 24-2  | 6.15    | 3.96    | 4.53    | 4.88       | 23.35   | ppb   |

|                         |                     |                   |                     |
|-------------------------|---------------------|-------------------|---------------------|
| LB Number :             | LB97237             | Operator :        | Jaswal              |
| Lab Sample ID :         | CCB91               | Instrumnet Name : | P8                  |
| Client Sample ID :      | CCB91               | Dilution Factor : | 1                   |
| Date & Time Acquired :: | 2018-08-10 13:45:11 | DataFile Name :   | 030CCBE_P8081018-MS |

| Parameter  | Mass  | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|------------|-------|---------|---------|---------|------------|---------|-------|
| Manganese  | 55-2  | -0.21   | -0.31   | -0.21   | -0.24      |         | ppb   |
| Molybdenum | 94-1  | 1.08    | 0.95    | 0.89    | 0.98       | 9.73    | ppb   |
| Molybdenum | 95-1  | 1.17    | 1.00    | 1.00    | 1.06       | 9.60    | ppb   |
| Molybdenum | 96-1  | 1.15    | 1.07    | 0.93    | 1.05       | 10.50   | ppb   |
| Molybdenum | 97-1  | 1.22    | 1.13    | 0.86    | 1.07       | 17.87   | ppb   |
| Molybdenum | 98-1  | 1.13    | 1.04    | 0.93    | 1.03       | 9.61    | ppb   |
| Neodymium  | 150-1 |         |         |         |            |         | cps   |
| Neodymium  | 150-2 |         |         |         |            |         | cps   |
| Nickel     | 60-2  | -0.10   | -0.05   | -0.04   | -0.07      |         | ppb   |
| Phosphorus | 31-2  | -17.95  | -17.95  | 32.68   | -1.07      |         | ppb   |
| Potassium  | 39-2  | 41.31   | 25.11   | 24.63   | 30.35      | 31.28   | ppb   |
| Rhodium    | 103-1 |         |         |         | 104        |         | %     |
| Rhodium    | 103-2 |         |         |         | 107        |         | %     |
| Scandium   | 45-1  |         |         |         | 103        |         | %     |
| Scandium   | 45-2  |         |         |         | 107        |         | %     |
| Selenium   | 77-2  | 0.00    | 0.00    | 0.00    | 0.00       | N/A     | ppb   |
| Selenium   | 78-2  | 0.00    | 0.00    | 0.93    | 0.31       | 173.21  | ppb   |
| Selenium   | 82-1  | 0.78    | -0.21   | -0.15   | 0.14       | 392.76  | ppb   |
| Silicon    | 28-1  | -1.69   | 0.70    | -4.16   | -1.72      |         | ppb   |
| Silver     | 109-1 | 0.08    | 0.09    | 0.08    | 0.08       | 8.05    | ppb   |
| Silver     | 107-1 | 0.07    | 0.08    | 0.08    | 0.08       | 2.46    | ppb   |
| Sodium     | 23-2  | 79.99   | 66.57   | 65.93   | 70.83      | 11.21   | ppb   |
| Strontium  | 86-1  | -0.02   | -0.02   | -0.03   | -0.02      |         | ppb   |
| Strontium  | 88-1  | 0.02    | 0.01    | 0.01    | 0.01       | 26.10   | ppb   |
| Sulfur     | 34-1  | -764.27 | -534.59 | -938.06 | -745.64    |         | ppb   |
| Terbium    | 159-1 |         |         |         | 104        |         | %     |
| Terbium    | 159-2 |         |         |         | 108        |         | %     |
| Thallium   | 203-1 | 0.23    | 0.17    | 0.16    | 0.19       | 19.39   | ppb   |
| Thallium   | 205-1 | 0.23    | 0.21    | 0.18    | 0.21       | 11.67   | ppb   |
| Tin        | 118-1 | 0.56    | 0.52    | 0.46    | 0.51       | 9.45    | ppb   |
| Titanium   | 47-1  | 0.13    | 0.11    | 0.06    | 0.10       | 34.31   | ppb   |
| Uranium    | 238-1 | 0.02    | 0.02    | 0.01    | 0.02       | 12.93   | ppb   |
| Vanadium   | 51-2  | 0.00    | 0.00    | -0.01   | 0.00       |         | ppb   |
| Yttrium    | 89-1  |         |         |         | 103        |         | %     |
| Yttrium    | 89-2  |         |         |         | 106        |         | %     |
| Zinc       | 66-2  | 0.56    | 0.48    | 0.68    | 0.57       | 17.56   | ppb   |

|                         |                     |                   |                     |
|-------------------------|---------------------|-------------------|---------------------|
| LB Number :             | LB97237             | Operator :        | Jaswal              |
| Lab Sample ID :         | CCB91               | Instrumnet Name : | P8                  |
| Client Sample ID :      | CCB91               | Dilution Factor : | 1                   |
| Date & Time Acquired :: | 2018-08-10 13:45:11 | DataFile Name :   | 030CCBE_P8081018-MS |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|-----------|------|---------|---------|---------|------------|---------|-------|
| Zirconium | 90-1 | 0.18    | 0.20    | 0.13    | 0.17       | 22.66   | ppb   |
| Zirconium | 91-1 | 0.23    | 0.20    | 0.16    | 0.20       | 17.20   | ppb   |

|                         |                       |                   |                     |
|-------------------------|-----------------------|-------------------|---------------------|
| LB Number :             | LB97237               | Operator :        | Jaswal              |
| Lab Sample ID :         | J4353-01A             | Instrumnet Name : | P8                  |
| Client Sample ID :      | 96-1-SBSMT-UTILITY-SI | Dilution Factor : | 1                   |
| Date & Time Acquired :: | 2018-08-10 13:48:32   | DataFile Name :   | 031SMPL_P8081018-MS |

| Parameter  | Mass  | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|------------|-------|---------|---------|---------|------------|---------|-------|
| Aluminium  | 27-2  | 2017.67 | 2078.58 | 1868.15 | 1988.13    | 5.45    | ppb   |
| Antimony   | 121-1 | 735.22  | 743.02  | 732.95  | 737.06     | 0.72    | ppb   |
| Arsenic    | 75-2  | 812.98  | 826.02  | 799.34  | 812.78     | 1.64    | ppb   |
| Barium     | 135-1 | 217.54  | 216.59  | 217.84  | 217.32     | 0.30    | ppb   |
| Barium     | 137-1 | 217.36  | 217.91  | 218.37  | 217.88     | 0.23    | ppb   |
| Beryllium  | 9-1   | 195.69  | 192.94  | 193.56  | 194.06     | 0.74    | ppb   |
| Bismuth    | 209-1 |         |         |         | 113        |         | %     |
| Bismuth    | 209-2 |         |         |         | 110        |         | %     |
| Boron      | 10-1  | 294.10  | 289.33  | 304.81  | 296.08     | 2.68    | ppb   |
| Boron      | 11-1  | 288.37  | 288.71  | 297.39  | 291.49     | 1.75    | ppb   |
| Cadmium    | 111-1 | 199.86  | 200.78  | 201.91  | 200.85     | 0.51    | ppb   |
| Cadmium    | 106-1 | 176.17  | 170.43  | 168.56  | 171.72     | 2.31    | ppb   |
| Cadmium    | 108-1 | 185.89  | 186.06  | 183.15  | 185.03     | 0.88    | ppb   |
| Calcium    | 43-1  | 6074.80 | 6060.20 | 6105.15 | 6080.05    | 0.38    | ppb   |
| Calcium    | 44-1  | 6311.79 | 6182.70 | 6156.57 | 6217.02    | 1.34    | ppb   |
| Chromium   | 52-2  | 419.78  | 419.07  | 396.49  | 411.78     | 3.22    | ppb   |
| Cobalt     | 59-2  | 210.88  | 213.43  | 201.68  | 208.66     | 2.96    | ppb   |
| Copper     | 63-2  | 819.70  | 824.91  | 777.40  | 807.34     | 3.23    | ppb   |
| Dysprosium | 156-1 |         |         |         |            |         | cps   |
| Dysprosium | 156-2 |         |         |         |            |         | cps   |
| Erbium     | 164-1 |         |         |         |            |         | cps   |
| Erbium     | 164-2 |         |         |         |            |         | cps   |
| Gadolinium | 160-1 |         |         |         |            |         | cps   |
| Gadolinium | 160-2 |         |         |         |            |         | cps   |
| Holmium    | 165-1 |         |         |         | 115        |         | %     |
| Holmium    | 165-2 |         |         |         | 111        |         | %     |
| Indium     | 115-1 |         |         |         | 113        |         | %     |
| Indium     | 115-2 |         |         |         | 107        |         | %     |
| Iron       | 56-2  | 3913.99 | 3938.12 | 3635.55 | 3829.22    | 4.39    | ppb   |
| Iron       | 57-2  | 3832.98 | 3768.05 | 3595.71 | 3732.25    | 3.29    | ppb   |
| Krypton    | 83-1  |         |         |         |            |         | cps   |
| Lead       | 206-1 | 987.92  | 984.32  | 979.58  | 983.94     | 0.43    | ppb   |
| Lead       | 207-1 | 960.37  | 959.60  | 968.60  | 962.86     | 0.52    | ppb   |
| Lead       | 208-1 | 971.31  | 970.41  | 973.84  | 971.86     | 0.18    | ppb   |
| Lithium    | 6-1   |         |         |         | 115        |         | %     |
| Magnesium  | 24-2  | 3319.83 | 3307.06 | 3155.71 | 3260.87    | 2.80    | ppb   |

|                         |                       |                   |                     |
|-------------------------|-----------------------|-------------------|---------------------|
| LB Number :             | LB97237               | Operator :        | Jaswal              |
| Lab Sample ID :         | J4353-01A             | Instrumnet Name : | P8                  |
| Client Sample ID :      | 96-1-SBSMT-UTILITY-SI | Dilution Factor : | 1                   |
| Date & Time Acquired :: | 2018-08-10 13:48:32   | DataFile Name :   | 031SMPL_P8081018-MS |

| Parameter  | Mass  | ConRep1  | ConRep2  | ConRep3  | Avg. Conc. | ConcRSD | Units |
|------------|-------|----------|----------|----------|------------|---------|-------|
| Manganese  | 55-2  | 215.07   | 211.95   | 202.69   | 209.90     | 3.07    | ppb   |
| Molybdenum | 94-1  | 270.84   | 268.07   | 275.97   | 271.63     | 1.48    | ppb   |
| Molybdenum | 95-1  | 392.29   | 388.71   | 395.14   | 392.05     | 0.82    | ppb   |
| Molybdenum | 96-1  | 374.71   | 373.47   | 382.38   | 376.85     | 1.28    | ppb   |
| Molybdenum | 97-1  | 380.96   | 376.52   | 389.80   | 382.43     | 1.77    | ppb   |
| Molybdenum | 98-1  | 391.18   | 385.28   | 401.19   | 392.55     | 2.05    | ppb   |
| Neodymium  | 150-1 |          |          |          |            |         | cps   |
| Neodymium  | 150-2 |          |          |          |            |         | cps   |
| Nickel     | 60-2  | 539.84   | 540.55   | 510.76   | 530.38     | 3.20    | ppb   |
| Phosphorus | 31-2  | 6719.69  | 7654.57  | 6150.16  | 6841.47    | 11.10   | ppb   |
| Potassium  | 39-2  | 11104.69 | 10934.30 | 10265.30 | 10768.10   | 4.12    | ppb   |
| Rhodium    | 103-1 |          |          |          | 112        |         | %     |
| Rhodium    | 103-2 |          |          |          | 109        |         | %     |
| Scandium   | 45-1  |          |          |          | 113        |         | %     |
| Scandium   | 45-2  |          |          |          | 108        |         | %     |
| Selenium   | 77-2  | 2168.21  | 2109.27  | 2044.29  | 2107.26    | 2.94    | ppb   |
| Selenium   | 78-2  | 2063.21  | 2142.60  | 2089.06  | 2098.29    | 1.93    | ppb   |
| Selenium   | 82-1  | 2008.40  | 1993.39  | 2033.96  | 2011.92    | 1.02    | ppb   |
| Silicon    | 28-1  | 1858.49  | 1863.08  | 1851.70  | 1857.76    | 0.31    | ppb   |
| Silver     | 109-1 | 75.60    | 76.30    | 76.21    | 76.04      | 0.50    | ppb   |
| Silver     | 107-1 | 75.05    | 75.42    | 74.81    | 75.09      | 0.41    | ppb   |
| Sodium     | 23-2  | 14770.55 | 14924.78 | 13950.62 | 14548.65   | 3.60    | ppb   |
| Strontium  | 86-1  | 209.06   | 209.35   | 214.91   | 211.11     | 1.56    | ppb   |
| Strontium  | 88-1  | 215.09   | 210.92   | 216.93   | 214.31     | 1.44    | ppb   |
| Sulfur     | 34-1  | -1198.87 | -1374.39 | -1438.09 | -1337.12   |         | ppb   |
| Terbium    | 159-1 |          |          |          | 115        |         | %     |
| Terbium    | 159-2 |          |          |          | 111        |         | %     |
| Thallium   | 203-1 | 1955.53  | 1968.45  | 1967.20  | 1963.73    | 0.36    | ppb   |
| Thallium   | 205-1 | 1953.64  | 1981.05  | 1967.27  | 1967.32    | 0.70    | ppb   |
| Tin        | 118-1 | 689.42   | 703.31   | 695.67   | 696.14     | 1.00    | ppb   |
| Titanium   | 47-1  | 201.57   | 198.54   | 193.32   | 197.81     | 2.11    | ppb   |
| Uranium    | 238-1 | 0.01     | 0.01     | 0.01     | 0.01       | 20.27   | ppb   |
| Vanadium   | 51-2  | 312.91   | 315.50   | 295.33   | 307.91     | 3.57    | ppb   |
| Yttrium    | 89-1  |          |          |          | 115        |         | %     |
| Yttrium    | 89-2  |          |          |          | 108        |         | %     |
| Zinc       | 66-2  | 508.41   | 507.80   | 476.87   | 497.70     | 3.62    | ppb   |

|                         |                       |                   |                     |
|-------------------------|-----------------------|-------------------|---------------------|
| LB Number :             | LB97237               | Operator :        | Jaswal              |
| Lab Sample ID :         | J4353-01A             | Instrumnet Name : | P8                  |
| Client Sample ID :      | 96-1-SBSMT-UTILITY-SI | Dilution Factor : | 1                   |
| Date & Time Acquired :: | 2018-08-10 13:48:32   | DataFile Name :   | 031SMPL_P8081018-MS |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|-----------|------|---------|---------|---------|------------|---------|-------|
| Zirconium | 90-1 | 1.55    | 1.13    | 0.94    | 1.21       | 25.95   | ppb   |
| Zirconium | 91-1 | 1.66    | 1.34    | 1.21    | 1.40       | 16.48   | ppb   |

LB Number : LB97237 Operator : Jaswal  
 Lab Sample ID : J4353-02 Instrumnet Name : P8  
 Client Sample ID : 96-2-BSMT-MUSIC-RM-5 Dilution Factor : 1  
 Date & Time Acquired :: 2018-08-10 13:51:48 DataFile Name : 032SMPL\_P8081018-MS

| Parameter  | Mass  | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|------------|-------|---------|---------|---------|------------|---------|-------|
| Aluminium  | 27-2  | 49.97   | 41.58   | 49.69   | 47.08      | 10.12   | ppb   |
| Antimony   | 121-1 | 2.75    | 2.60    | 2.61    | 2.65       | 3.06    | ppb   |
| Arsenic    | 75-2  | 0.56    | 0.27    | 0.40    | 0.41       | 35.27   | ppb   |
| Barium     | 135-1 | 18.61   | 18.86   | 18.88   | 18.78      | 0.79    | ppb   |
| Barium     | 137-1 | 19.12   | 18.70   | 18.59   | 18.81      | 1.49    | ppb   |
| Beryllium  | 9-1   | 0.13    | 0.14    | 0.21    | 0.16       | 27.39   | ppb   |
| Bismuth    | 209-1 |         |         |         | 113        |         | %     |
| Bismuth    | 209-2 |         |         |         | 112        |         | %     |
| Boron      | 10-1  | 24.41   | 24.88   | 24.99   | 24.76      | 1.26    | ppb   |
| Boron      | 11-1  | 25.92   | 25.90   | 24.55   | 25.46      | 3.08    | ppb   |
| Cadmium    | 111-1 | 0.50    | 0.57    | 0.60    | 0.55       | 9.32    | ppb   |
| Cadmium    | 106-1 | 1.64    | 2.48    | 2.72    | 2.28       | 24.89   | ppb   |
| Cadmium    | 108-1 | 1.60    | 1.47    | 1.47    | 1.51       | 5.17    | ppb   |
| Calcium    | 43-1  | 5556.04 | 5530.47 | 5390.03 | 5492.18    | 1.63    | ppb   |
| Calcium    | 44-1  | 5734.92 | 5686.64 | 5606.36 | 5675.97    | 1.14    | ppb   |
| Chromium   | 52-2  | 0.17    | 0.23    | 0.15    | 0.18       | 23.77   | ppb   |
| Cobalt     | 59-2  | 0.70    | 0.69    | 0.75    | 0.71       | 4.49    | ppb   |
| Copper     | 63-2  | 295.68  | 298.97  | 294.89  | 296.52     | 0.73    | ppb   |
| Dysprosium | 156-1 |         |         |         |            |         | cps   |
| Dysprosium | 156-2 |         |         |         |            |         | cps   |
| Erbium     | 164-1 |         |         |         |            |         | cps   |
| Erbium     | 164-2 |         |         |         |            |         | cps   |
| Gadolinium | 160-1 |         |         |         |            |         | cps   |
| Gadolinium | 160-2 |         |         |         |            |         | cps   |
| Holmium    | 165-1 |         |         |         | 114        |         | %     |
| Holmium    | 165-2 |         |         |         | 114        |         | %     |
| Indium     | 115-1 |         |         |         | 113        |         | %     |
| Indium     | 115-2 |         |         |         | 111        |         | %     |
| Iron       | 56-2  | 75.61   | 75.68   | 75.04   | 75.44      | 0.47    | ppb   |
| Iron       | 57-2  | 80.55   | 78.19   | 72.05   | 76.93      | 5.70    | ppb   |
| Krypton    | 83-1  |         |         |         |            |         | cps   |
| Lead       | 206-1 | 17.30   | 17.35   | 17.28   | 17.31      | 0.21    | ppb   |
| Lead       | 207-1 | 15.66   | 15.93   | 15.67   | 15.76      | 0.95    | ppb   |
| Lead       | 208-1 | 16.35   | 16.39   | 16.40   | 16.38      | 0.15    | ppb   |
| Lithium    | 6-1   |         |         |         | 114        |         | %     |
| Magnesium  | 24-2  | 1286.69 | 1276.93 | 1275.73 | 1279.78    | 0.47    | ppb   |



LB Number : LB97237 Operator : Jaswal  
 Lab Sample ID : J4353-02 Instrumnet Name : P8  
 Client Sample ID : 96-2-BSMT-MUSIC-RM-5 Dilution Factor : 1  
 Date & Time Acquired :: 2018-08-10 13:51:48 DataFile Name : 032SMPL\_P8081018-MS

| Parameter  | Mass  | ConRep1  | ConRep2  | ConRep3  | Avg. Conc. | ConcRSD | Units |
|------------|-------|----------|----------|----------|------------|---------|-------|
| Manganese  | 55-2  | 34.74    | 32.12    | 33.33    | 33.40      | 3.93    | ppb   |
| Molybdenum | 94-1  | 0.42     | 0.42     | 0.34     | 0.39       | 11.20   | ppb   |
| Molybdenum | 95-1  | 0.53     | 0.42     | 0.46     | 0.47       | 11.83   | ppb   |
| Molybdenum | 96-1  | 0.53     | 0.50     | 0.49     | 0.51       | 3.71    | ppb   |
| Molybdenum | 97-1  | 0.50     | 0.43     | 0.42     | 0.45       | 10.20   | ppb   |
| Molybdenum | 98-1  | 0.63     | 0.51     | 0.50     | 0.55       | 13.71   | ppb   |
| Neodymium  | 150-1 |          |          |          |            |         | cps   |
| Neodymium  | 150-2 |          |          |          |            |         | cps   |
| Nickel     | 60-2  | 556.31   | 561.00   | 558.32   | 558.54     | 0.42    | ppb   |
| Phosphorus | 31-2  | 206.39   | 407.94   | 382.23   | 332.19     | 33.02   | ppb   |
| Potassium  | 39-2  | 649.12   | 642.72   | 623.75   | 638.53     | 2.07    | ppb   |
| Rhodium    | 103-1 |          |          |          | 111        |         | %     |
| Rhodium    | 103-2 |          |          |          | 112        |         | %     |
| Scandium   | 45-1  |          |          |          | 111        |         | %     |
| Scandium   | 45-2  |          |          |          | 109        |         | %     |
| Selenium   | 77-2  | 0.00     | 0.00     | 0.00     | 0.00       | N/A     | ppb   |
| Selenium   | 78-2  | 0.00     | 2.73     | 0.92     | 1.22       | 114.33  | ppb   |
| Selenium   | 82-1  | 0.66     | 0.78     | 0.25     | 0.56       | 49.34   | ppb   |
| Silicon    | 28-1  | 946.64   | 941.30   | 927.82   | 938.59     | 1.03    | ppb   |
| Silver     | 109-1 | 0.18     | 0.24     | 0.19     | 0.21       | 14.34   | ppb   |
| Silver     | 107-1 | 0.22     | 0.18     | 0.24     | 0.21       | 12.98   | ppb   |
| Sodium     | 23-2  | 10760.53 | 10733.83 | 10716.71 | 10737.02   | 0.21    | ppb   |
| Strontium  | 86-1  | 19.82    | 19.79    | 19.60    | 19.74      | 0.59    | ppb   |
| Strontium  | 88-1  | 20.12    | 19.98    | 19.94    | 20.01      | 0.47    | ppb   |
| Sulfur     | 34-1  | -1397.64 | -1379.73 | -1406.31 | -1394.56   |         | ppb   |
| Terbium    | 159-1 |          |          |          | 113        |         | %     |
| Terbium    | 159-2 |          |          |          | 112        |         | %     |
| Thallium   | 203-1 | 0.32     | 0.28     | 0.28     | 0.29       | 7.50    | ppb   |
| Thallium   | 205-1 | 0.30     | 0.30     | 0.29     | 0.30       | 2.03    | ppb   |
| Tin        | 118-1 | 0.50     | 0.46     | 0.44     | 0.47       | 7.29    | ppb   |
| Titanium   | 47-1  | 0.44     | 0.32     | 0.43     | 0.39       | 16.75   | ppb   |
| Uranium    | 238-1 | 0.02     | 0.01     | 0.01     | 0.02       | 17.89   | ppb   |
| Vanadium   | 51-2  | 0.08     | 0.10     | 0.02     | 0.07       | 64.53   | ppb   |
| Yttrium    | 89-1  |          |          |          | 112        |         | %     |
| Yttrium    | 89-2  |          |          |          | 109        |         | %     |
| Zinc       | 66-2  | 4508.55  | 4472.15  | 4470.00  | 4483.57    | 0.48    | ppb   |

|                         |                      |                   |                     |
|-------------------------|----------------------|-------------------|---------------------|
| LB Number :             | LB97237              | Operator :        | Jaswal              |
| Lab Sample ID :         | J4353-02             | Instrumnet Name : | P8                  |
| Client Sample ID :      | 96-2-BSMT-MUSIC-RM-9 | Dilution Factor : | 1                   |
| Date & Time Acquired :: | 2018-08-10 13:51:48  | DataFile Name :   | 032SMPL_P8081018-MS |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|-----------|------|---------|---------|---------|------------|---------|-------|
| Zirconium | 90-1 | 0.05    | 0.04    | 0.04    | 0.04       | 10.57   | ppb   |
| Zirconium | 91-1 | 0.04    | 0.05    | 0.05    | 0.05       | 18.85   | ppb   |

LB Number : LB97237 Operator : Jaswal  
 Lab Sample ID : J4353-03 Instrumnet Name : P8  
 Client Sample ID : 96-3-BSMT-NURSE-BR-1 Dilution Factor : 1  
 Date & Time Acquired :: 2018-08-10 13:55:08 DataFile Name : 033SMPL\_P8081018-MS

| Parameter  | Mass  | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|------------|-------|---------|---------|---------|------------|---------|-------|
| Aluminium  | 27-2  | 45.95   | 50.25   | 49.39   | 48.53      | 4.68    | ppb   |
| Antimony   | 121-1 | 1.25    | 1.28    | 1.29    | 1.27       | 1.50    | ppb   |
| Arsenic    | 75-2  | 0.36    | 0.35    | 0.37    | 0.36       | 3.15    | ppb   |
| Barium     | 135-1 | 15.69   | 15.24   | 15.42   | 15.45      | 1.46    | ppb   |
| Barium     | 137-1 | 14.97   | 15.08   | 15.51   | 15.19      | 1.89    | ppb   |
| Beryllium  | 9-1   | 0.10    | 0.12    | 0.07    | 0.10       | 21.56   | ppb   |
| Bismuth    | 209-1 |         |         |         | 113        |         | %     |
| Bismuth    | 209-2 |         |         |         | 111        |         | %     |
| Boron      | 10-1  | 23.13   | 20.56   | 19.79   | 21.16      | 8.27    | ppb   |
| Boron      | 11-1  | 21.76   | 20.68   | 20.68   | 21.04      | 2.96    | ppb   |
| Cadmium    | 111-1 | 0.05    | 0.18    | 0.06    | 0.10       | 71.81   | ppb   |
| Cadmium    | 106-1 | -0.19   | 1.20    | 0.21    | 0.41       | 175.75  | ppb   |
| Cadmium    | 108-1 | 0.30    | 0.19    | 0.34    | 0.28       | 28.31   | ppb   |
| Calcium    | 43-1  | 5260.70 | 5263.74 | 5168.19 | 5230.88    | 1.04    | ppb   |
| Calcium    | 44-1  | 5347.92 | 5389.01 | 5180.44 | 5305.79    | 2.08    | ppb   |
| Chromium   | 52-2  | 0.05    | 0.13    | 0.22    | 0.13       | 62.79   | ppb   |
| Cobalt     | 59-2  | 0.03    | 0.04    | 0.03    | 0.03       | 28.39   | ppb   |
| Copper     | 63-2  | 214.29  | 221.68  | 215.58  | 217.18     | 1.82    | 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 |         |         |         | 113        |         | %     |
| Holmium    | 165-2 |         |         |         | 111        |         | %     |
| Indium     | 115-1 |         |         |         | 112        |         | %     |
| Indium     | 115-2 |         |         |         | 107        |         | %     |
| Iron       | 56-2  | 29.29   | 29.89   | 29.52   | 29.56      | 1.02    | ppb   |
| Iron       | 57-2  | 26.14   | 33.82   | 27.94   | 29.30      | 13.72   | ppb   |
| Krypton    | 83-1  |         |         |         |            |         | cps   |
| Lead       | 206-1 | 3.92    | 4.02    | 3.92    | 3.95       | 1.54    | ppb   |
| Lead       | 207-1 | 3.80    | 3.78    | 3.64    | 3.74       | 2.29    | ppb   |
| Lead       | 208-1 | 3.80    | 3.85    | 3.74    | 3.80       | 1.36    | ppb   |
| Lithium    | 6-1   |         |         |         | 112        |         | %     |
| Magnesium  | 24-2  | 1188.13 | 1205.45 | 1151.96 | 1181.85    | 2.31    | ppb   |

|                         |                      |                   |                     |
|-------------------------|----------------------|-------------------|---------------------|
| LB Number :             | LB97237              | Operator :        | Jaswal              |
| Lab Sample ID :         | J4353-03             | Instrumnet Name : | P8                  |
| Client Sample ID :      | 96-3-BSMT-NURSE-BR-1 | Dilution Factor : | 1                   |
| Date & Time Acquired :: | 2018-08-10 13:55:08  | DataFile Name :   | 033SMPL_P8081018-MS |

| Parameter  | Mass  | ConRep1  | ConRep2  | ConRep3  | Avg. Conc. | ConcRSD | Units |
|------------|-------|----------|----------|----------|------------|---------|-------|
| Manganese  | 55-2  | 12.04    | 12.32    | 11.92    | 12.09      | 1.68    | ppb   |
| Molybdenum | 94-1  | 0.22     | 0.22     | 0.22     | 0.22       | 1.47    | ppb   |
| Molybdenum | 95-1  | 0.20     | 0.16     | 0.16     | 0.17       | 13.98   | ppb   |
| Molybdenum | 96-1  | 0.22     | 0.22     | 0.20     | 0.21       | 6.92    | ppb   |
| Molybdenum | 97-1  | 0.22     | 0.23     | 0.15     | 0.20       | 21.31   | ppb   |
| Molybdenum | 98-1  | 0.26     | 0.26     | 0.23     | 0.25       | 5.72    | ppb   |
| Neodymium  | 150-1 |          |          |          |            |         | cps   |
| Neodymium  | 150-2 |          |          |          |            |         | cps   |
| Nickel     | 60-2  | 2.84     | 2.93     | 2.71     | 2.83       | 3.84    | ppb   |
| Phosphorus | 31-2  | 521.57   | 616.93   | 788.55   | 642.35     | 21.06   | ppb   |
| Potassium  | 39-2  | 490.71   | 540.49   | 508.87   | 513.36     | 4.91    | ppb   |
| Rhodium    | 103-1 |          |          |          | 109        |         | %     |
| Rhodium    | 103-2 |          |          |          | 108        |         | %     |
| Scandium   | 45-1  |          |          |          | 109        |         | %     |
| Scandium   | 45-2  |          |          |          | 104        |         | %     |
| Selenium   | 77-2  | 0.00     | 0.00     | 0.00     | 0.00       | N/A     | ppb   |
| Selenium   | 78-2  | 2.78     | 0.00     | 0.94     | 1.24       | 114.08  | ppb   |
| Selenium   | 82-1  | 0.58     | 0.82     | 0.44     | 0.61       | 30.73   | ppb   |
| Silicon    | 28-1  | 903.34   | 926.04   | 907.24   | 912.21     | 1.33    | ppb   |
| Silver     | 109-1 | 0.14     | 0.16     | 0.17     | 0.16       | 7.25    | ppb   |
| Silver     | 107-1 | 0.14     | 0.12     | 0.15     | 0.14       | 10.58   | ppb   |
| Sodium     | 23-2  | 10943.89 | 11193.30 | 10991.58 | 11042.92   | 1.20    | ppb   |
| Strontium  | 86-1  | 18.04    | 18.28    | 18.24    | 18.19      | 0.71    | ppb   |
| Strontium  | 88-1  | 18.30    | 18.62    | 18.37    | 18.43      | 0.91    | ppb   |
| Sulfur     | 34-1  | -1324.81 | -1076.99 | -1311.86 | -1237.89   |         | ppb   |
| Terbium    | 159-1 |          |          |          | 113        |         | %     |
| Terbium    | 159-2 |          |          |          | 111        |         | %     |
| Thallium   | 203-1 | 0.13     | 0.13     | 0.10     | 0.12       | 12.82   | ppb   |
| Thallium   | 205-1 | 0.13     | 0.14     | 0.12     | 0.13       | 8.80    | ppb   |
| Tin        | 118-1 | 0.43     | 0.44     | 0.44     | 0.44       | 1.31    | ppb   |
| Titanium   | 47-1  | 0.50     | 0.56     | 0.48     | 0.51       | 8.00    | ppb   |
| Uranium    | 238-1 | 0.01     | 0.01     | 0.01     | 0.01       | 22.97   | ppb   |
| Vanadium   | 51-2  | 0.05     | 0.09     | 0.06     | 0.07       | 29.67   | ppb   |
| Yttrium    | 89-1  |          |          |          | 110        |         | %     |
| Yttrium    | 89-2  |          |          |          | 106        |         | %     |
| Zinc       | 66-2  | 704.36   | 719.34   | 710.46   | 711.39     | 1.06    | ppb   |

|                         |                      |                   |                     |
|-------------------------|----------------------|-------------------|---------------------|
| LB Number :             | LB97237              | Operator :        | Jaswal              |
| Lab Sample ID :         | J4353-03             | Instrumnet Name : | P8                  |
| Client Sample ID :      | 96-3-BSMT-NURSE-BR-1 | Dilution Factor : | 1                   |
| Date & Time Acquired :: | 2018-08-10 13:55:08  | DataFile Name :   | 033SMPL_P8081018-MS |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|-----------|------|---------|---------|---------|------------|---------|-------|
| Zirconium | 90-1 | 0.05    | 0.05    | 0.03    | 0.04       | 20.33   | ppb   |
| Zirconium | 91-1 | 0.02    | 0.05    | 0.05    | 0.04       | 39.02   | ppb   |

|                         |                     |                   |                     |
|-------------------------|---------------------|-------------------|---------------------|
| LB Number :             | LB97237             | Operator :        | Jaswal              |
| Lab Sample ID :         | J4353-04            | Instrumnet Name : | P8                  |
| Client Sample ID :      | 96-4-BSMT-LAB-W1-S1 | Dilution Factor : | 1                   |
| Date & Time Acquired :: | 2018-08-10 13:58:29 | DataFile Name :   | 034SMPL_P8081018-MS |

| Parameter  | Mass  | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|------------|-------|---------|---------|---------|------------|---------|-------|
| Aluminium  | 27-2  | 21.76   | 22.44   | 15.69   | 19.96      | 18.62   | ppb   |
| Antimony   | 121-1 | 1.39    | 1.28    | 1.39    | 1.35       | 4.71    | ppb   |
| Arsenic    | 75-2  | 0.27    | 0.13    | 0.42    | 0.27       | 52.70   | ppb   |
| Barium     | 135-1 | 14.95   | 14.71   | 14.54   | 14.73      | 1.41    | ppb   |
| Barium     | 137-1 | 14.51   | 14.68   | 14.73   | 14.64      | 0.80    | ppb   |
| Beryllium  | 9-1   | 0.12    | 0.11    | 0.07    | 0.10       | 24.83   | ppb   |
| Bismuth    | 209-1 |         |         |         | 111        |         | %     |
| Bismuth    | 209-2 |         |         |         | 109        |         | %     |
| Boron      | 10-1  | 16.14   | 13.28   | 13.06   | 14.16      | 12.15   | ppb   |
| Boron      | 11-1  | 13.93   | 12.96   | 13.57   | 13.49      | 3.62    | ppb   |
| Cadmium    | 111-1 | 0.15    | 0.08    | 0.11    | 0.11       | 32.35   | ppb   |
| Cadmium    | 106-1 | 0.35    | 0.26    | 0.12    | 0.25       | 46.95   | ppb   |
| Cadmium    | 108-1 | 0.43    | 0.34    | 0.23    | 0.33       | 30.58   | ppb   |
| Calcium    | 43-1  | 5116.18 | 5056.62 | 5078.07 | 5083.62    | 0.59    | ppb   |
| Calcium    | 44-1  | 5275.98 | 5151.98 | 5253.22 | 5227.06    | 1.26    | ppb   |
| Chromium   | 52-2  | 0.25    | 0.15    | 0.23    | 0.21       | 26.58   | ppb   |
| Cobalt     | 59-2  | 0.08    | 0.09    | 0.07    | 0.08       | 12.73   | ppb   |
| Copper     | 63-2  | 152.58  | 149.67  | 152.81  | 151.69     | 1.15    | ppb   |
| Dysprosium | 156-1 |         |         |         |            |         | cps   |
| Dysprosium | 156-2 |         |         |         |            |         | cps   |
| Erbium     | 164-1 |         |         |         |            |         | cps   |
| Erbium     | 164-2 |         |         |         |            |         | cps   |
| Gadolinium | 160-1 |         |         |         |            |         | cps   |
| Gadolinium | 160-2 |         |         |         |            |         | cps   |
| Holmium    | 165-1 |         |         |         | 112        |         | %     |
| Holmium    | 165-2 |         |         |         | 109        |         | %     |
| Indium     | 115-1 |         |         |         | 110        |         | %     |
| Indium     | 115-2 |         |         |         | 106        |         | %     |
| Iron       | 56-2  | 15.24   | 15.08   | 15.02   | 15.11      | 0.77    | ppb   |
| Iron       | 57-2  | 12.54   | 19.22   | 17.31   | 16.36      | 21.02   | ppb   |
| Krypton    | 83-1  |         |         |         |            |         | cps   |
| Lead       | 206-1 | 4.65    | 4.75    | 4.79    | 4.73       | 1.53    | ppb   |
| Lead       | 207-1 | 4.43    | 4.28    | 4.47    | 4.39       | 2.29    | ppb   |
| Lead       | 208-1 | 4.47    | 4.52    | 4.54    | 4.51       | 0.87    | ppb   |
| Lithium    | 6-1   |         |         |         | 110        |         | %     |
| Magnesium  | 24-2  | 1199.56 | 1158.56 | 1191.88 | 1183.33    | 1.84    | ppb   |

|                         |                     |                   |                     |
|-------------------------|---------------------|-------------------|---------------------|
| LB Number :             | LB97237             | Operator :        | Jaswal              |
| Lab Sample ID :         | J4353-04            | Instrumnet Name : | P8                  |
| Client Sample ID :      | 96-4-BSMT-LAB-W1-S1 | Dilution Factor : | 1                   |
| Date & Time Acquired :: | 2018-08-10 13:58:29 | DataFile Name :   | 034SMPL_P8081018-MS |

| Parameter  | Mass  | ConRep1  | ConRep2  | ConRep3  | Avg. Conc. | ConcRSD | Units |
|------------|-------|----------|----------|----------|------------|---------|-------|
| Manganese  | 55-2  | 6.06     | 6.62     | 6.26     | 6.31       | 4.48    | ppb   |
| Molybdenum | 94-1  | 0.14     | 0.15     | 0.17     | 0.16       | 10.05   | ppb   |
| Molybdenum | 95-1  | 0.14     | 0.12     | 0.13     | 0.13       | 7.22    | ppb   |
| Molybdenum | 96-1  | 0.16     | 0.17     | 0.13     | 0.15       | 11.30   | ppb   |
| Molybdenum | 97-1  | 0.14     | 0.12     | 0.19     | 0.15       | 24.83   | ppb   |
| Molybdenum | 98-1  | 0.18     | 0.22     | 0.21     | 0.20       | 9.87    | ppb   |
| Neodymium  | 150-1 |          |          |          |            |         | cps   |
| Neodymium  | 150-2 |          |          |          |            |         | cps   |
| Nickel     | 60-2  | 14.45    | 14.39    | 14.37    | 14.40      | 0.30    | ppb   |
| Phosphorus | 31-2  | 465.37   | 326.82   | 472.92   | 421.70     | 19.51   | ppb   |
| Potassium  | 39-2  | 560.59   | 541.57   | 529.09   | 543.75     | 2.92    | ppb   |
| Rhodium    | 103-1 |          |          |          | 108        |         | %     |
| Rhodium    | 103-2 |          |          |          | 107        |         | %     |
| Scandium   | 45-1  |          |          |          | 106        |         | %     |
| Scandium   | 45-2  |          |          |          | 101        |         | %     |
| Selenium   | 77-2  | 0.00     | 0.00     | 5.93     | 1.98       | 173.21  | ppb   |
| Selenium   | 78-2  | 1.94     | 0.00     | 0.00     | 0.65       | 173.21  | ppb   |
| Selenium   | 82-1  | 0.14     | 0.73     | -0.49    | 0.13       | 489.08  | ppb   |
| Silicon    | 28-1  | 829.30   | 826.42   | 824.91   | 826.88     | 0.27    | ppb   |
| Silver     | 109-1 | 0.12     | 0.10     | 0.12     | 0.11       | 8.57    | ppb   |
| Silver     | 107-1 | 0.12     | 0.11     | 0.14     | 0.12       | 11.17   | ppb   |
| Sodium     | 23-2  | 11316.29 | 10985.24 | 11410.57 | 11237.37   | 1.99    | ppb   |
| Strontium  | 86-1  | 17.58    | 18.67    | 17.33    | 17.86      | 3.99    | ppb   |
| Strontium  | 88-1  | 18.12    | 18.41    | 18.14    | 18.22      | 0.88    | ppb   |
| Sulfur     | 34-1  | -1032.72 | -1083.28 | -976.73  | -1030.91   |         | ppb   |
| Terbium    | 159-1 |          |          |          | 111        |         | %     |
| Terbium    | 159-2 |          |          |          | 109        |         | %     |
| Thallium   | 203-1 | 0.08     | 0.10     | 0.10     | 0.09       | 7.69    | ppb   |
| Thallium   | 205-1 | 0.09     | 0.11     | 0.11     | 0.11       | 10.35   | ppb   |
| Tin        | 118-1 | 0.39     | 0.37     | 0.35     | 0.37       | 5.73    | ppb   |
| Titanium   | 47-1  | 0.31     | 0.29     | 0.22     | 0.28       | 17.14   | ppb   |
| Uranium    | 238-1 | 0.01     | 0.01     | 0.01     | 0.01       | 7.79    | ppb   |
| Vanadium   | 51-2  | 0.03     | 0.07     | 0.02     | 0.04       | 72.20   | ppb   |
| Yttrium    | 89-1  |          |          |          | 108        |         | %     |
| Yttrium    | 89-2  |          |          |          | 104        |         | %     |
| Zinc       | 66-2  | 1173.11  | 1156.97  | 1181.86  | 1170.65    | 1.08    | ppb   |

|                         |                     |                   |                     |
|-------------------------|---------------------|-------------------|---------------------|
| LB Number :             | LB97237             | Operator :        | Jaswal              |
| Lab Sample ID :         | J4353-04            | Instrumnet Name : | P8                  |
| Client Sample ID :      | 96-4-BSMT-LAB-W1-S1 | Dilution Factor : | 1                   |
| Date & Time Acquired :: | 2018-08-10 13:58:29 | DataFile Name :   | 034SMPL_P8081018-MS |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|-----------|------|---------|---------|---------|------------|---------|-------|
| Zirconium | 90-1 | 0.03    | 0.03    | 0.04    | 0.04       | 14.10   | ppb   |
| Zirconium | 91-1 | 0.02    | 0.04    | 0.02    | 0.03       | 44.97   | ppb   |



|                         |                     |                   |                     |
|-------------------------|---------------------|-------------------|---------------------|
| LB Number :             | LB97237             | Operator :        | Jaswal              |
| Lab Sample ID :         | J4353-05            | Instrumnet Name : | P8                  |
| Client Sample ID :      | 96-5-BSMT-TEACHER-L | Dilution Factor : | 1                   |
| Date & Time Acquired :: | 2018-08-10 14:01:50 | DataFile Name :   | 035SMPL_P8081018-MS |

| Parameter  | Mass  | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|------------|-------|---------|---------|---------|------------|---------|-------|
| Aluminium  | 27-2  | 18.15   | 20.86   | 16.33   | 18.45      | 12.36   | ppb   |
| Antimony   | 121-1 | 0.61    | 0.56    | 0.59    | 0.59       | 4.51    | ppb   |
| Arsenic    | 75-2  | 0.55    | 0.18    | 0.18    | 0.30       | 71.26   | ppb   |
| Barium     | 135-1 | 15.05   | 15.03   | 15.18   | 15.09      | 0.55    | ppb   |
| Barium     | 137-1 | 14.71   | 14.04   | 14.86   | 14.54      | 3.00    | ppb   |
| Beryllium  | 9-1   | 0.10    | 0.10    | 0.08    | 0.09       | 10.86   | ppb   |
| Bismuth    | 209-1 |         |         |         | 111        |         | %     |
| Bismuth    | 209-2 |         |         |         | 111        |         | %     |
| Boron      | 10-1  | 11.76   | 12.46   | 13.03   | 12.42      | 5.12    | ppb   |
| Boron      | 11-1  | 11.91   | 11.89   | 11.51   | 11.77      | 1.89    | ppb   |
| Cadmium    | 111-1 | 0.01    | 0.06    | -0.04   | 0.01       | 561.45  | ppb   |
| Cadmium    | 106-1 | -0.49   | 0.11    | -0.94   | -0.44      |         | ppb   |
| Cadmium    | 108-1 | 0.29    | 0.37    | 0.35    | 0.33       | 12.63   | ppb   |
| Calcium    | 43-1  | 5119.37 | 5007.30 | 5078.08 | 5068.25    | 1.12    | ppb   |
| Calcium    | 44-1  | 5156.78 | 5096.82 | 5194.14 | 5149.25    | 0.95    | ppb   |
| Chromium   | 52-2  | 0.06    | 0.08    | 0.06    | 0.07       | 21.94   | ppb   |
| Cobalt     | 59-2  | 0.08    | 0.06    | 0.07    | 0.07       | 8.87    | ppb   |
| Copper     | 63-2  | 154.82  | 154.93  | 153.73  | 154.49     | 0.43    | ppb   |
| Dysprosium | 156-1 |         |         |         |            |         | cps   |
| Dysprosium | 156-2 |         |         |         |            |         | cps   |
| Erbium     | 164-1 |         |         |         |            |         | cps   |
| Erbium     | 164-2 |         |         |         |            |         | cps   |
| Gadolinium | 160-1 |         |         |         |            |         | cps   |
| Gadolinium | 160-2 |         |         |         |            |         | cps   |
| Holmium    | 165-1 |         |         |         | 110        |         | %     |
| Holmium    | 165-2 |         |         |         | 110        |         | %     |
| Indium     | 115-1 |         |         |         | 109        |         | %     |
| Indium     | 115-2 |         |         |         | 106        |         | %     |
| Iron       | 56-2  | 19.12   | 17.90   | 20.72   | 19.25      | 7.36    | ppb   |
| Iron       | 57-2  | 16.32   | 13.59   | 20.89   | 16.93      | 21.79   | ppb   |
| Krypton    | 83-1  |         |         |         |            |         | cps   |
| Lead       | 206-1 | 2.96    | 3.04    | 3.04    | 3.01       | 1.63    | ppb   |
| Lead       | 207-1 | 2.73    | 2.70    | 2.77    | 2.73       | 1.40    | ppb   |
| Lead       | 208-1 | 2.85    | 2.82    | 2.89    | 2.85       | 1.15    | ppb   |
| Lithium    | 6-1   |         |         |         | 111        |         | %     |
| Magnesium  | 24-2  | 1138.07 | 1102.06 | 1104.68 | 1114.94    | 1.80    | ppb   |

|                         |                     |                   |                     |
|-------------------------|---------------------|-------------------|---------------------|
| LB Number :             | LB97237             | Operator :        | Jaswal              |
| Lab Sample ID :         | J4353-05            | Instrumnet Name : | P8                  |
| Client Sample ID :      | 96-5-BSMT-TEACHER-L | Dilution Factor : | 1                   |
| Date & Time Acquired :: | 2018-08-10 14:01:50 | DataFile Name :   | 035SMPL_P8081018-MS |

| Parameter  | Mass  | ConRep1  | ConRep2  | ConRep3  | Avg. Conc. | ConcRSD | Units |
|------------|-------|----------|----------|----------|------------|---------|-------|
| Manganese  | 55-2  | 7.27     | 7.95     | 6.97     | 7.40       | 6.79    | ppb   |
| Molybdenum | 94-1  | 0.09     | 0.13     | 0.15     | 0.12       | 25.78   | ppb   |
| Molybdenum | 95-1  | 0.10     | 0.10     | 0.09     | 0.10       | 2.57    | ppb   |
| Molybdenum | 96-1  | 0.13     | 0.14     | 0.14     | 0.14       | 5.06    | ppb   |
| Molybdenum | 97-1  | 0.10     | 0.10     | 0.11     | 0.10       | 6.33    | ppb   |
| Molybdenum | 98-1  | 0.14     | 0.18     | 0.15     | 0.16       | 10.38   | ppb   |
| Neodymium  | 150-1 |          |          |          |            |         | cps   |
| Neodymium  | 150-2 |          |          |          |            |         | cps   |
| Nickel     | 60-2  | 128.47   | 130.17   | 127.85   | 128.83     | 0.93    | ppb   |
| Phosphorus | 31-2  | 433.81   | 251.45   | 383.34   | 356.20     | 26.43   | ppb   |
| Potassium  | 39-2  | 488.62   | 486.82   | 524.12   | 499.85     | 4.21    | ppb   |
| Rhodium    | 103-1 |          |          |          | 108        |         | %     |
| Rhodium    | 103-2 |          |          |          | 107        |         | %     |
| Scandium   | 45-1  |          |          |          | 105        |         | %     |
| Scandium   | 45-2  |          |          |          | 102        |         | %     |
| Selenium   | 77-2  | 0.00     | 0.00     | 0.00     | 0.00       | N/A     | ppb   |
| Selenium   | 78-2  | 0.95     | 0.00     | 0.96     | 0.64       | 86.61   | ppb   |
| Selenium   | 82-1  | 0.62     | 0.69     | 0.17     | 0.49       | 57.32   | ppb   |
| Silicon    | 28-1  | 891.73   | 868.44   | 891.19   | 883.79     | 1.50    | ppb   |
| Silver     | 109-1 | 0.12     | 0.09     | 0.12     | 0.11       | 15.77   | ppb   |
| Silver     | 107-1 | 0.11     | 0.09     | 0.12     | 0.11       | 13.66   | ppb   |
| Sodium     | 23-2  | 10851.87 | 10927.82 | 10905.49 | 10895.06   | 0.36    | ppb   |
| Strontium  | 86-1  | 17.43    | 17.23    | 17.32    | 17.33      | 0.58    | ppb   |
| Strontium  | 88-1  | 17.83    | 17.66    | 17.66    | 17.72      | 0.55    | ppb   |
| Sulfur     | 34-1  | -876.86  | -1242.97 | -871.63  | -997.15    |         | ppb   |
| Terbium    | 159-1 |          |          |          | 110        |         | %     |
| Terbium    | 159-2 |          |          |          | 110        |         | %     |
| Thallium   | 203-1 | 0.07     | 0.08     | 0.07     | 0.07       | 13.94   | ppb   |
| Thallium   | 205-1 | 0.07     | 0.08     | 0.06     | 0.07       | 9.20    | ppb   |
| Tin        | 118-1 | 0.15     | 0.18     | 0.18     | 0.17       | 10.02   | ppb   |
| Titanium   | 47-1  | 0.13     | 0.29     | 0.35     | 0.26       | 43.29   | ppb   |
| Uranium    | 238-1 | 0.01     | 0.01     | 0.01     | 0.01       | 19.28   | ppb   |
| Vanadium   | 51-2  | 0.06     | 0.02     | 0.05     | 0.04       | 45.32   | ppb   |
| Yttrium    | 89-1  |          |          |          | 108        |         | %     |
| Yttrium    | 89-2  |          |          |          | 104        |         | %     |
| Zinc       | 66-2  | 1005.03  | 996.69   | 1006.38  | 1002.70    | 0.52    | ppb   |

|                         |                     |                   |                     |
|-------------------------|---------------------|-------------------|---------------------|
| LB Number :             | LB97237             | Operator :        | Jaswal              |
| Lab Sample ID :         | J4353-05            | Instrumnet Name : | P8                  |
| Client Sample ID :      | 96-5-BSMT-TEACHER-L | Dilution Factor : | 1                   |
| Date & Time Acquired :: | 2018-08-10 14:01:50 | DataFile Name :   | 035SMPL_P8081018-MS |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|-----------|------|---------|---------|---------|------------|---------|-------|
| Zirconium | 90-1 | 0.03    | 0.04    | 0.03    | 0.03       | 17.33   | ppb   |
| Zirconium | 91-1 | 0.05    | 0.04    | 0.07    | 0.05       | 26.56   | ppb   |

LB Number : LB97237 Operator : Jaswal  
 Lab Sample ID : J4353-06 Instrumnet Name : P8  
 Client Sample ID : 96-6-BSMT-TEACHER-L Dilution Factor : 1  
 Date & Time Acquired :: 2018-08-10 14:05:10 DataFile Name : 036SMPL\_P8081018-MS

| Parameter  | Mass  | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|------------|-------|---------|---------|---------|------------|---------|-------|
| Aluminium  | 27-2  | 16.29   | 21.10   | 19.62   | 19.01      | 12.99   | ppb   |
| Antimony   | 121-1 | 0.38    | 0.39    | 0.38    | 0.38       | 1.97    | ppb   |
| Arsenic    | 75-2  | 0.22    | 0.31    | 0.38    | 0.30       | 26.49   | ppb   |
| Barium     | 135-1 | 17.66   | 16.10   | 16.43   | 16.73      | 4.94    | ppb   |
| Barium     | 137-1 | 16.54   | 16.41   | 16.64   | 16.53      | 0.70    | ppb   |
| Beryllium  | 9-1   | 0.04    | 0.06    | 0.10    | 0.07       | 50.89   | ppb   |
| Bismuth    | 209-1 |         |         |         | 112        |         | %     |
| Bismuth    | 209-2 |         |         |         | 111        |         | %     |
| Boron      | 10-1  | 11.61   | 12.77   | 10.75   | 11.71      | 8.67    | ppb   |
| Boron      | 11-1  | 11.93   | 10.92   | 11.12   | 11.32      | 4.75    | ppb   |
| Cadmium    | 111-1 | 0.20    | 0.17    | 0.18    | 0.18       | 9.41    | ppb   |
| Cadmium    | 106-1 | -0.54   | -1.28   | -0.23   | -0.69      |         | ppb   |
| Cadmium    | 108-1 | 0.44    | 0.45    | 0.51    | 0.47       | 8.06    | ppb   |
| Calcium    | 43-1  | 5505.66 | 5323.88 | 5247.57 | 5359.04    | 2.47    | ppb   |
| Calcium    | 44-1  | 5676.59 | 5604.54 | 5390.79 | 5557.30    | 2.67    | ppb   |
| Chromium   | 52-2  | 0.27    | 0.37    | 0.32    | 0.32       | 15.03   | ppb   |
| Cobalt     | 59-2  | 0.04    | 0.07    | 0.08    | 0.06       | 37.30   | ppb   |
| Copper     | 63-2  | 116.12  | 117.84  | 120.35  | 118.10     | 1.80    | 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 |         |         |         | 112        |         | %     |
| Holmium    | 165-2 |         |         |         | 111        |         | %     |
| Indium     | 115-1 |         |         |         | 110        |         | %     |
| Indium     | 115-2 |         |         |         | 106        |         | %     |
| Iron       | 56-2  | 19.71   | 19.87   | 20.59   | 20.06      | 2.33    | ppb   |
| Iron       | 57-2  | 21.18   | 20.31   | 20.30   | 20.59      | 2.44    | ppb   |
| Krypton    | 83-1  |         |         |         |            |         | cps   |
| Lead       | 206-1 | 4.70    | 4.43    | 4.49    | 4.54       | 3.15    | ppb   |
| Lead       | 207-1 | 4.48    | 4.16    | 4.20    | 4.28       | 4.14    | ppb   |
| Lead       | 208-1 | 4.53    | 4.34    | 4.29    | 4.39       | 2.96    | ppb   |
| Lithium    | 6-1   |         |         |         | 111        |         | %     |
| Magnesium  | 24-2  | 1154.14 | 1182.19 | 1160.02 | 1165.45    | 1.27    | ppb   |

|                         |                     |                   |                     |
|-------------------------|---------------------|-------------------|---------------------|
| LB Number :             | LB97237             | Operator :        | Jaswal              |
| Lab Sample ID :         | J4353-06            | Instrumnet Name : | P8                  |
| Client Sample ID :      | 96-6-BSMT-TEACHER-L | Dilution Factor : | 1                   |
| Date & Time Acquired :: | 2018-08-10 14:05:10 | DataFile Name :   | 036SMPL_P8081018-MS |

| Parameter  | Mass  | ConRep1  | ConRep2  | ConRep3  | Avg. Conc. | ConcRSD | Units |
|------------|-------|----------|----------|----------|------------|---------|-------|
| Manganese  | 55-2  | 9.03     | 9.25     | 10.91    | 9.73       | 10.55   | ppb   |
| Molybdenum | 94-1  | 0.11     | 0.07     | 0.12     | 0.10       | 25.94   | ppb   |
| Molybdenum | 95-1  | 0.06     | 0.07     | 0.09     | 0.07       | 22.14   | ppb   |
| Molybdenum | 96-1  | 0.10     | 0.09     | 0.07     | 0.09       | 16.36   | ppb   |
| Molybdenum | 97-1  | 0.08     | 0.10     | 0.06     | 0.08       | 26.70   | ppb   |
| Molybdenum | 98-1  | 0.16     | 0.14     | 0.13     | 0.14       | 11.64   | ppb   |
| Neodymium  | 150-1 |          |          |          |            |         | cps   |
| Neodymium  | 150-2 |          |          |          |            |         | cps   |
| Nickel     | 60-2  | 16.74    | 16.41    | 17.13    | 16.76      | 2.13    | ppb   |
| Phosphorus | 31-2  | 475.62   | 435.08   | 526.73   | 479.14     | 9.59    | ppb   |
| Potassium  | 39-2  | 485.78   | 523.49   | 486.41   | 498.56     | 4.33    | ppb   |
| Rhodium    | 103-1 |          |          |          | 108        |         | %     |
| Rhodium    | 103-2 |          |          |          | 108        |         | %     |
| Scandium   | 45-1  |          |          |          | 104        |         | %     |
| Scandium   | 45-2  |          |          |          | 102        |         | %     |
| Selenium   | 77-2  | 0.00     | 0.00     | 6.00     | 2.00       | 173.21  | ppb   |
| Selenium   | 78-2  | 0.00     | 1.91     | 1.91     | 1.27       | 86.60   | ppb   |
| Selenium   | 82-1  | 0.34     | 0.95     | -0.03    | 0.42       | 118.58  | ppb   |
| Silicon    | 28-1  | 923.18   | 877.48   | 870.82   | 890.49     | 3.20    | ppb   |
| Silver     | 109-1 | 0.10     | 0.09     | 0.09     | 0.10       | 5.76    | ppb   |
| Silver     | 107-1 | 0.10     | 0.09     | 0.10     | 0.10       | 5.29    | ppb   |
| Sodium     | 23-2  | 10759.13 | 11091.84 | 11287.99 | 11046.32   | 2.42    | ppb   |
| Strontium  | 86-1  | 18.92    | 18.61    | 18.00    | 18.51      | 2.53    | ppb   |
| Strontium  | 88-1  | 19.69    | 18.85    | 18.41    | 18.98      | 3.41    | ppb   |
| Sulfur     | 34-1  | -596.65  | -969.41  | -1153.68 | -906.58    |         | ppb   |
| Terbium    | 159-1 |          |          |          | 112        |         | %     |
| Terbium    | 159-2 |          |          |          | 110        |         | %     |
| Thallium   | 203-1 | 0.07     | 0.07     | 0.07     | 0.07       | 3.48    | ppb   |
| Thallium   | 205-1 | 0.07     | 0.07     | 0.07     | 0.07       | 2.61    | ppb   |
| Tin        | 118-1 | 0.23     | 0.19     | 0.18     | 0.20       | 11.32   | ppb   |
| Titanium   | 47-1  | 0.34     | 0.45     | 0.42     | 0.40       | 14.65   | ppb   |
| Uranium    | 238-1 | 0.02     | 0.02     | 0.02     | 0.02       | 17.33   | ppb   |
| Vanadium   | 51-2  | 0.05     | 0.06     | 0.04     | 0.05       | 26.56   | ppb   |
| Yttrium    | 89-1  |          |          |          | 108        |         | %     |
| Yttrium    | 89-2  |          |          |          | 104        |         | %     |
| Zinc       | 66-2  | 1411.63  | 1434.94  | 1455.32  | 1433.97    | 1.52    | ppb   |

|                         |                     |                   |                     |
|-------------------------|---------------------|-------------------|---------------------|
| LB Number :             | LB97237             | Operator :        | Jaswal              |
| Lab Sample ID :         | J4353-06            | Instrumnet Name : | P8                  |
| Client Sample ID :      | 96-6-BSMT-TEACHER-L | Dilution Factor : | 1                   |
| Date & Time Acquired :: | 2018-08-10 14:05:10 | DataFile Name :   | 036SMPL_P8081018-MS |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|-----------|------|---------|---------|---------|------------|---------|-------|
| Zirconium | 90-1 | 0.03    | 0.04    | 0.03    | 0.03       | 7.99    | ppb   |
| Zirconium | 91-1 | 0.05    | 0.02    | 0.04    | 0.04       | 41.63   | ppb   |

LB Number : LB97237 Operator : Jaswal  
 Lab Sample ID : J4353-07 Instrumnet Name : P8  
 Client Sample ID : 96-7-FL1-LOBBY-BR-W2 Dilution Factor : 1  
 Date & Time Acquired :: 2018-08-10 14:08:31 DataFile Name : 037SMPL\_P8081018-MS

| Parameter  | Mass  | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|------------|-------|---------|---------|---------|------------|---------|-------|
| Aluminium  | 27-2  | 17.55   | 8.87    | 14.31   | 13.58      | 32.33   | ppb   |
| Antimony   | 121-1 | 0.39    | 0.42    | 0.40    | 0.40       | 2.93    | ppb   |
| Arsenic    | 75-2  | 0.35    | 0.40    | 0.20    | 0.32       | 33.44   | ppb   |
| Barium     | 135-1 | 16.66   | 16.12   | 16.54   | 16.44      | 1.73    | ppb   |
| Barium     | 137-1 | 16.51   | 16.42   | 16.57   | 16.50      | 0.47    | ppb   |
| Beryllium  | 9-1   | 0.10    | 0.03    | 0.06    | 0.06       | 51.52   | ppb   |
| Bismuth    | 209-1 |         |         |         | 115        |         | %     |
| Bismuth    | 209-2 |         |         |         | 111        |         | %     |
| Boron      | 10-1  | 10.11   | 10.69   | 10.59   | 10.47      | 2.94    | ppb   |
| Boron      | 11-1  | 10.09   | 10.17   | 9.87    | 10.05      | 1.56    | ppb   |
| Cadmium    | 111-1 | -0.06   | -0.04   | -0.09   | -0.06      |         | ppb   |
| Cadmium    | 106-1 | -1.26   | -0.76   | -1.49   | -1.17      |         | ppb   |
| Cadmium    | 108-1 | 0.07    | -0.01   | 0.04    | 0.03       | 131.86  | ppb   |
| Calcium    | 43-1  | 5440.04 | 5289.01 | 5318.78 | 5349.28    | 1.50    | ppb   |
| Calcium    | 44-1  | 5465.76 | 5339.95 | 5403.34 | 5403.02    | 1.16    | ppb   |
| Chromium   | 52-2  | 0.23    | 0.29    | 0.15    | 0.23       | 31.27   | ppb   |
| Cobalt     | 59-2  | 0.02    | 0.01    | 0.02    | 0.02       | 31.04   | ppb   |
| Copper     | 63-2  | 145.82  | 147.86  | 142.64  | 145.44     | 1.81    | ppb   |
| Dysprosium | 156-1 |         |         |         |            |         | cps   |
| Dysprosium | 156-2 |         |         |         |            |         | cps   |
| Erbium     | 164-1 |         |         |         |            |         | cps   |
| Erbium     | 164-2 |         |         |         |            |         | cps   |
| Gadolinium | 160-1 |         |         |         |            |         | cps   |
| Gadolinium | 160-2 |         |         |         |            |         | cps   |
| Holmium    | 165-1 |         |         |         | 113        |         | %     |
| Holmium    | 165-2 |         |         |         | 111        |         | %     |
| Indium     | 115-1 |         |         |         | 111        |         | %     |
| Indium     | 115-2 |         |         |         | 106        |         | %     |
| Iron       | 56-2  | 19.87   | 19.80   | 18.70   | 19.46      | 3.37    | ppb   |
| Iron       | 57-2  | 18.19   | 19.55   | 17.82   | 18.52      | 4.94    | ppb   |
| Krypton    | 83-1  |         |         |         |            |         | cps   |
| Lead       | 206-1 | 2.02    | 2.04    | 2.04    | 2.04       | 0.44    | ppb   |
| Lead       | 207-1 | 1.91    | 1.90    | 2.02    | 1.94       | 3.39    | ppb   |
| Lead       | 208-1 | 1.98    | 1.93    | 1.97    | 1.96       | 1.21    | ppb   |
| Lithium    | 6-1   |         |         |         | 112        |         | %     |
| Magnesium  | 24-2  | 1209.36 | 1220.48 | 1191.92 | 1207.25    | 1.19    | ppb   |

|                         |                      |                   |                     |
|-------------------------|----------------------|-------------------|---------------------|
| LB Number :             | LB97237              | Operator :        | Jaswal              |
| Lab Sample ID :         | J4353-07             | Instrumnet Name : | P8                  |
| Client Sample ID :      | 96-7-FL1-LOBBY-BR-W2 | Dilution Factor : | 1                   |
| Date & Time Acquired :: | 2018-08-10 14:08:31  | DataFile Name :   | 037SMPL_P8081018-MS |

| Parameter  | Mass  | ConRep1  | ConRep2  | ConRep3  | Avg. Conc. | ConcRSD | Units |
|------------|-------|----------|----------|----------|------------|---------|-------|
| Manganese  | 55-2  | 6.79     | 7.57     | 6.40     | 6.92       | 8.58    | ppb   |
| Molybdenum | 94-1  | 0.09     | 0.07     | 0.10     | 0.09       | 14.73   | ppb   |
| Molybdenum | 95-1  | 0.05     | 0.05     | 0.08     | 0.06       | 32.84   | ppb   |
| Molybdenum | 96-1  | 0.06     | 0.06     | 0.06     | 0.06       | 8.34    | ppb   |
| Molybdenum | 97-1  | 0.06     | 0.09     | 0.05     | 0.07       | 33.73   | ppb   |
| Molybdenum | 98-1  | 0.11     | 0.11     | 0.12     | 0.11       | 3.89    | ppb   |
| Neodymium  | 150-1 |          |          |          |            |         | cps   |
| Neodymium  | 150-2 |          |          |          |            |         | cps   |
| Nickel     | 60-2  | 3.17     | 3.26     | 3.06     | 3.16       | 3.19    | ppb   |
| Phosphorus | 31-2  | 713.71   | 505.70   | 647.40   | 622.27     | 17.08   | ppb   |
| Potassium  | 39-2  | 624.52   | 647.72   | 588.73   | 620.32     | 4.79    | ppb   |
| Rhodium    | 103-1 |          |          |          | 109        |         | %     |
| Rhodium    | 103-2 |          |          |          | 107        |         | %     |
| Scandium   | 45-1  |          |          |          | 107        |         | %     |
| Scandium   | 45-2  |          |          |          | 100        |         | %     |
| Selenium   | 77-2  | 0.00     | 0.00     | 0.00     | 0.00       | N/A     | ppb   |
| Selenium   | 78-2  | 1.91     | 1.91     | 0.00     | 1.27       | 86.60   | ppb   |
| Selenium   | 82-1  | 0.88     | 0.02     | 0.61     | 0.50       | 87.39   | ppb   |
| Silicon    | 28-1  | 866.92   | 891.09   | 858.97   | 872.33     | 1.92    | ppb   |
| Silver     | 109-1 | 0.08     | 0.09     | 0.11     | 0.10       | 14.17   | ppb   |
| Silver     | 107-1 | 0.11     | 0.11     | 0.09     | 0.10       | 8.32    | ppb   |
| Sodium     | 23-2  | 11286.08 | 11329.37 | 10943.47 | 11186.31   | 1.89    | ppb   |
| Strontium  | 86-1  | 18.63    | 18.48    | 18.50    | 18.53      | 0.45    | ppb   |
| Strontium  | 88-1  | 18.65    | 18.79    | 18.88    | 18.77      | 0.64    | ppb   |
| Sulfur     | 34-1  | -1174.27 | -1181.38 | -1030.39 | -1128.68   |         | ppb   |
| Terbium    | 159-1 |          |          |          | 114        |         | %     |
| Terbium    | 159-2 |          |          |          | 110        |         | %     |
| Thallium   | 203-1 | 0.05     | 0.04     | 0.04     | 0.04       | 15.67   | ppb   |
| Thallium   | 205-1 | 0.05     | 0.05     | 0.05     | 0.05       | 3.36    | ppb   |
| Tin        | 118-1 | 0.17     | 0.13     | 0.15     | 0.15       | 11.14   | ppb   |
| Titanium   | 47-1  | 0.32     | 0.27     | 0.31     | 0.30       | 8.32    | ppb   |
| Uranium    | 238-1 | 0.01     | 0.01     | 0.01     | 0.01       | 9.89    | ppb   |
| Vanadium   | 51-2  | 0.04     | 0.04     | 0.03     | 0.04       | 11.56   | ppb   |
| Yttrium    | 89-1  |          |          |          | 110        |         | %     |
| Yttrium    | 89-2  |          |          |          | 104        |         | %     |
| Zinc       | 66-2  | 159.43   | 160.86   | 156.03   | 158.77     | 1.56    | ppb   |



|                         |                      |                   |                     |
|-------------------------|----------------------|-------------------|---------------------|
| LB Number :             | LB97237              | Operator :        | Jaswal              |
| Lab Sample ID :         | J4353-07             | Instrumnet Name : | P8                  |
| Client Sample ID :      | 96-7-FL1-LOBBY-BR-W2 | Dilution Factor : | 1                   |
| Date & Time Acquired :: | 2018-08-10 14:08:31  | DataFile Name :   | 037SMPL_P8081018-MS |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|-----------|------|---------|---------|---------|------------|---------|-------|
| Zirconium | 90-1 | 0.03    | 0.04    | 0.04    | 0.04       | 11.30   | ppb   |
| Zirconium | 91-1 | 0.05    | 0.04    | 0.04    | 0.04       | 11.44   | ppb   |

LB Number : LB97237 Operator : Jaswal  
 Lab Sample ID : J4353-08 Instrumnet Name : P8  
 Client Sample ID : 96-8-FL1-MP-RM-BR-W3 Dilution Factor : 1  
 Date & Time Acquired :: 2018-08-10 14:11:51 DataFile Name : 038SMPL\_P8081018-MS

| Parameter  | Mass  | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|------------|-------|---------|---------|---------|------------|---------|-------|
| Aluminium  | 27-2  | 16.90   | 19.42   | 12.20   | 16.18      | 22.66   | ppb   |
| Antimony   | 121-1 | 0.46    | 0.49    | 0.50    | 0.48       | 4.83    | ppb   |
| Arsenic    | 75-2  | 0.30    | 0.33    | 0.12    | 0.25       | 43.69   | ppb   |
| Barium     | 135-1 | 15.82   | 16.36   | 16.27   | 16.15      | 1.79    | ppb   |
| Barium     | 137-1 | 15.61   | 16.64   | 15.77   | 16.00      | 3.47    | ppb   |
| Beryllium  | 9-1   | 0.08    | 0.02    | 0.02    | 0.04       | 87.41   | ppb   |
| Bismuth    | 209-1 |         |         |         | 115        |         | %     |
| Bismuth    | 209-2 |         |         |         | 116        |         | %     |
| Boron      | 10-1  | 9.93    | 9.88    | 9.81    | 9.87       | 0.64    | ppb   |
| Boron      | 11-1  | 9.10    | 10.14   | 9.65    | 9.63       | 5.41    | ppb   |
| Cadmium    | 111-1 | 0.13    | 0.05    | 0.15    | 0.11       | 48.81   | ppb   |
| Cadmium    | 106-1 | -0.15   | -0.81   | 0.58    | -0.13      |         | ppb   |
| Cadmium    | 108-1 | 0.18    | 0.13    | 0.27    | 0.20       | 35.37   | ppb   |
| Calcium    | 43-1  | 5319.71 | 5333.42 | 5271.22 | 5308.11    | 0.62    | ppb   |
| Calcium    | 44-1  | 5409.36 | 5390.70 | 5337.31 | 5379.13    | 0.70    | ppb   |
| Chromium   | 52-2  | 0.06    | 0.10    | 0.05    | 0.07       | 41.01   | ppb   |
| Cobalt     | 59-2  | -0.01   | 0.00    | 0.02    | 0.00       | 360.40  | ppb   |
| Copper     | 63-2  | 76.83   | 75.02   | 71.68   | 74.51      | 3.51    | ppb   |
| Dysprosium | 156-1 |         |         |         |            |         | cps   |
| Dysprosium | 156-2 |         |         |         |            |         | cps   |
| Erbium     | 164-1 |         |         |         |            |         | cps   |
| Erbium     | 164-2 |         |         |         |            |         | cps   |
| Gadolinium | 160-1 |         |         |         |            |         | cps   |
| Gadolinium | 160-2 |         |         |         |            |         | cps   |
| Holmium    | 165-1 |         |         |         | 115        |         | %     |
| Holmium    | 165-2 |         |         |         | 114        |         | %     |
| Indium     | 115-1 |         |         |         | 112        |         | %     |
| Indium     | 115-2 |         |         |         | 109        |         | %     |
| Iron       | 56-2  | 22.12   | 23.32   | 22.34   | 22.59      | 2.83    | ppb   |
| Iron       | 57-2  | 25.96   | 18.60   | 24.89   | 23.15      | 17.17   | ppb   |
| Krypton    | 83-1  |         |         |         |            |         | cps   |
| Lead       | 206-1 | 5.29    | 5.39    | 5.10    | 5.26       | 2.72    | ppb   |
| Lead       | 207-1 | 4.92    | 5.00    | 4.81    | 4.91       | 1.96    | ppb   |
| Lead       | 208-1 | 5.02    | 5.11    | 4.93    | 5.02       | 1.80    | ppb   |
| Lithium    | 6-1   |         |         |         | 113        |         | %     |
| Magnesium  | 24-2  | 1155.65 | 1178.94 | 1110.86 | 1148.48    | 3.01    | ppb   |

|                         |                      |                   |                     |
|-------------------------|----------------------|-------------------|---------------------|
| LB Number :             | LB97237              | Operator :        | Jaswal              |
| Lab Sample ID :         | J4353-08             | Instrumnet Name : | P8                  |
| Client Sample ID :      | 96-8-FL1-MP-RM-BR-W3 | Dilution Factor : | 1                   |
| Date & Time Acquired :: | 2018-08-10 14:11:51  | DataFile Name :   | 038SMPL_P8081018-MS |

| Parameter  | Mass  | ConRep1  | ConRep2  | ConRep3  | Avg. Conc. | ConcRSD | Units |
|------------|-------|----------|----------|----------|------------|---------|-------|
| Manganese  | 55-2  | 12.42    | 12.34    | 10.96    | 11.91      | 6.88    | ppb   |
| Molybdenum | 94-1  | 0.13     | 0.11     | 0.07     | 0.10       | 30.62   | ppb   |
| Molybdenum | 95-1  | 0.05     | 0.04     | 0.04     | 0.04       | 15.54   | ppb   |
| Molybdenum | 96-1  | 0.02     | 0.07     | 0.05     | 0.05       | 55.71   | ppb   |
| Molybdenum | 97-1  | 0.10     | 0.08     | 0.09     | 0.09       | 11.85   | ppb   |
| Molybdenum | 98-1  | 0.11     | 0.10     | 0.08     | 0.10       | 11.99   | ppb   |
| Neodymium  | 150-1 |          |          |          |            |         | cps   |
| Neodymium  | 150-2 |          |          |          |            |         | cps   |
| Nickel     | 60-2  | 0.56     | 0.46     | 0.45     | 0.49       | 11.92   | ppb   |
| Phosphorus | 31-2  | 519.53   | 667.49   | 566.57   | 584.53     | 12.93   | ppb   |
| Potassium  | 39-2  | 461.70   | 466.23   | 412.05   | 446.66     | 6.73    | ppb   |
| Rhodium    | 103-1 |          |          |          | 110        |         | %     |
| Rhodium    | 103-2 |          |          |          | 110        |         | %     |
| Scandium   | 45-1  |          |          |          | 106        |         | %     |
| Scandium   | 45-2  |          |          |          | 104        |         | %     |
| Selenium   | 77-2  | 0.00     | 0.00     | 5.79     | 1.93       | 173.21  | ppb   |
| Selenium   | 78-2  | 0.00     | 0.94     | 0.92     | 0.62       | 86.61   | ppb   |
| Selenium   | 82-1  | 0.52     | -0.11    | 0.26     | 0.22       | 142.08  | ppb   |
| Silicon    | 28-1  | 852.23   | 851.53   | 841.98   | 848.58     | 0.68    | ppb   |
| Silver     | 109-1 | 0.07     | 0.09     | 0.06     | 0.07       | 22.68   | ppb   |
| Silver     | 107-1 | 0.08     | 0.07     | 0.08     | 0.08       | 10.41   | ppb   |
| Sodium     | 23-2  | 11065.08 | 10719.39 | 10318.33 | 10700.94   | 3.49    | ppb   |
| Strontium  | 86-1  | 18.34    | 18.70    | 17.96    | 18.34      | 2.01    | ppb   |
| Strontium  | 88-1  | 18.57    | 18.88    | 18.27    | 18.57      | 1.65    | ppb   |
| Sulfur     | 34-1  | -995.34  | -789.00  | -851.00  | -878.45    |         | ppb   |
| Terbium    | 159-1 |          |          |          | 115        |         | %     |
| Terbium    | 159-2 |          |          |          | 114        |         | %     |
| Thallium   | 203-1 | 0.03     | 0.04     | 0.03     | 0.03       | 11.47   | ppb   |
| Thallium   | 205-1 | 0.04     | 0.03     | 0.04     | 0.04       | 13.71   | ppb   |
| Tin        | 118-1 | 0.04     | 0.02     | 0.05     | 0.04       | 40.54   | ppb   |
| Titanium   | 47-1  | 0.37     | 0.37     | 0.36     | 0.36       | 1.04    | ppb   |
| Uranium    | 238-1 | 0.01     | 0.01     | 0.01     | 0.01       | 14.75   | ppb   |
| Vanadium   | 51-2  | 0.07     | 0.03     | 0.07     | 0.06       | 46.30   | ppb   |
| Yttrium    | 89-1  |          |          |          | 110        |         | %     |
| Yttrium    | 89-2  |          |          |          | 106        |         | %     |
| Zinc       | 66-2  | 75.96    | 71.81    | 69.47    | 72.41      | 4.54    | ppb   |

|                         |                      |                   |                     |
|-------------------------|----------------------|-------------------|---------------------|
| LB Number :             | LB97237              | Operator :        | Jaswal              |
| Lab Sample ID :         | J4353-08             | Instrumnet Name : | P8                  |
| Client Sample ID :      | 96-8-FL1-MP-RM-BR-W3 | Dilution Factor : | 1                   |
| Date & Time Acquired :: | 2018-08-10 14:11:51  | DataFile Name :   | 038SMPL_P8081018-MS |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|-----------|------|---------|---------|---------|------------|---------|-------|
| Zirconium | 90-1 | 0.03    | 0.03    | 0.03    | 0.03       | 14.93   | ppb   |
| Zirconium | 91-1 | 0.04    | 0.03    | 0.04    | 0.04       | 17.85   | ppb   |

|                         |                     |                   |                     |
|-------------------------|---------------------|-------------------|---------------------|
| LB Number :             | LB97237             | Operator :        | Jaswal              |
| Lab Sample ID :         | J4353-09            | Instrumnet Name : | P8                  |
| Client Sample ID :      | 96-9-FL1-MR-RM-WC   | Dilution Factor : | 1                   |
| Date & Time Acquired :: | 2018-08-10 14:15:12 | DataFile Name :   | 039SMPL_P8081018-MS |

| Parameter  | Mass  | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|------------|-------|---------|---------|---------|------------|---------|-------|
| Aluminium  | 27-2  | 10.43   | 10.80   | 9.32    | 10.18      | 7.57    | ppb   |
| Antimony   | 121-1 | 0.34    | 0.33    | 0.35    | 0.34       | 2.47    | ppb   |
| Arsenic    | 75-2  | 0.26    | 0.37    | 0.15    | 0.26       | 41.78   | ppb   |
| Barium     | 135-1 | 13.05   | 13.34   | 13.28   | 13.23      | 1.18    | ppb   |
| Barium     | 137-1 | 12.91   | 13.23   | 12.98   | 13.04      | 1.32    | ppb   |
| Beryllium  | 9-1   | -0.01   | 0.02    | 0.03    | 0.01       | 221.65  | ppb   |
| Bismuth    | 209-1 |         |         |         | 117        |         | %     |
| Bismuth    | 209-2 |         |         |         | 113        |         | %     |
| Boron      | 10-1  | 6.09    | 7.24    | 7.34    | 6.89       | 10.02   | ppb   |
| Boron      | 11-1  | 7.34    | 7.51    | 7.49    | 7.45       | 1.22    | ppb   |
| Cadmium    | 111-1 | -0.03   | -0.06   | 0.09    | 0.00       |         | ppb   |
| Cadmium    | 106-1 | -0.67   | -0.88   | 0.88    | -0.22      |         | ppb   |
| Cadmium    | 108-1 | -0.02   | 0.07    | 0.04    | 0.03       | 135.58  | ppb   |
| Calcium    | 43-1  | 4917.70 | 4872.62 | 4910.15 | 4900.16    | 0.49    | ppb   |
| Calcium    | 44-1  | 4913.70 | 5044.40 | 5011.12 | 4989.74    | 1.36    | ppb   |
| Chromium   | 52-2  | 0.35    | 0.26    | 0.49    | 0.37       | 31.65   | ppb   |
| Cobalt     | 59-2  | 0.05    | 0.07    | 0.07    | 0.06       | 17.55   | ppb   |
| Copper     | 63-2  | 3.33    | 3.37    | 3.32    | 3.34       | 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 |         |         |         | 116        |         | %     |
| Holmium    | 165-2 |         |         |         | 112        |         | %     |
| Indium     | 115-1 |         |         |         | 112        |         | %     |
| Indium     | 115-2 |         |         |         | 107        |         | %     |
| Iron       | 56-2  | 6.83    | 7.00    | 7.19    | 7.00       | 2.55    | ppb   |
| Iron       | 57-2  | 6.01    | 7.29    | 9.83    | 7.71       | 25.23   | ppb   |
| Krypton    | 83-1  |         |         |         |            |         | cps   |
| Lead       | 206-1 | 0.14    | 0.10    | 0.11    | 0.12       | 18.64   | ppb   |
| Lead       | 207-1 | 0.12    | 0.10    | 0.11    | 0.11       | 7.26    | ppb   |
| Lead       | 208-1 | 0.12    | 0.11    | 0.10    | 0.11       | 8.55    | ppb   |
| Lithium    | 6-1   |         |         |         | 113        |         | %     |
| Magnesium  | 24-2  | 1147.91 | 1179.08 | 1138.58 | 1155.19    | 1.84    | ppb   |

|                         |                     |                   |                     |
|-------------------------|---------------------|-------------------|---------------------|
| LB Number :             | LB97237             | Operator :        | Jaswal              |
| Lab Sample ID :         | J4353-09            | Instrumnet Name : | P8                  |
| Client Sample ID :      | 96-9-FL1-MR-RM-WC   | Dilution Factor : | 1                   |
| Date & Time Acquired :: | 2018-08-10 14:15:12 | DataFile Name :   | 039SMPL_P8081018-MS |

| Parameter  | Mass  | ConRep1  | ConRep2  | ConRep3  | Avg. Conc. | ConcRSD | Units |
|------------|-------|----------|----------|----------|------------|---------|-------|
| Manganese  | 55-2  | 10.09    | 9.99     | 9.51     | 9.86       | 3.13    | ppb   |
| Molybdenum | 94-1  | 0.09     | 0.03     | 0.05     | 0.05       | 60.08   | ppb   |
| Molybdenum | 95-1  | 0.03     | 0.02     | 0.03     | 0.03       | 28.90   | ppb   |
| Molybdenum | 96-1  | 0.03     | 0.03     | 0.05     | 0.04       | 26.35   | ppb   |
| Molybdenum | 97-1  | 0.01     | 0.04     | 0.02     | 0.02       | 63.56   | ppb   |
| Molybdenum | 98-1  | 0.05     | 0.08     | 0.07     | 0.07       | 21.76   | ppb   |
| Neodymium  | 150-1 |          |          |          |            |         | cps   |
| Neodymium  | 150-2 |          |          |          |            |         | cps   |
| Nickel     | 60-2  | 1.73     | 1.85     | 1.63     | 1.74       | 6.40    | ppb   |
| Phosphorus | 31-2  | 673.12   | 831.91   | 750.49   | 751.84     | 10.56   | ppb   |
| Potassium  | 39-2  | 560.58   | 548.70   | 543.41   | 550.90     | 1.60    | ppb   |
| Rhodium    | 103-1 |          |          |          | 110        |         | %     |
| Rhodium    | 103-2 |          |          |          | 109        |         | %     |
| Scandium   | 45-1  |          |          |          | 107        |         | %     |
| Scandium   | 45-2  |          |          |          | 100        |         | %     |
| Selenium   | 77-2  | 0.00     | 0.00     | 0.00     | 0.00       | N/A     | ppb   |
| Selenium   | 78-2  | 0.94     | 0.94     | 0.00     | 0.63       | 86.60   | ppb   |
| Selenium   | 82-1  | 0.22     | -0.36    | 0.08     | -0.02      |         | ppb   |
| Silicon    | 28-1  | 1171.58  | 1203.76  | 1207.29  | 1194.21    | 1.65    | ppb   |
| Silver     | 109-1 | 0.08     | 0.07     | 0.07     | 0.07       | 5.67    | ppb   |
| Silver     | 107-1 | 0.07     | 0.08     | 0.07     | 0.07       | 7.91    | ppb   |
| Sodium     | 23-2  | 10840.53 | 11163.42 | 11011.54 | 11005.16   | 1.47    | ppb   |
| Strontium  | 86-1  | 17.65    | 17.98    | 17.99    | 17.88      | 1.08    | ppb   |
| Strontium  | 88-1  | 17.66    | 18.08    | 18.23    | 17.99      | 1.64    | ppb   |
| Sulfur     | 34-1  | -1564.82 | -1167.04 | -1256.98 | -1329.62   |         | ppb   |
| Terbium    | 159-1 |          |          |          | 116        |         | %     |
| Terbium    | 159-2 |          |          |          | 113        |         | %     |
| Thallium   | 203-1 | 0.04     | 0.02     | 0.03     | 0.03       | 34.80   | ppb   |
| Thallium   | 205-1 | 0.03     | 0.03     | 0.03     | 0.03       | 4.14    | ppb   |
| Tin        | 118-1 | 0.02     | 0.04     | 0.02     | 0.03       | 41.16   | ppb   |
| Titanium   | 47-1  | 0.41     | 0.28     | 0.34     | 0.34       | 18.36   | ppb   |
| Uranium    | 238-1 | 0.00     | 0.00     | 0.00     | 0.00       |         | ppb   |
| Vanadium   | 51-2  | 0.03     | 0.04     | 0.02     | 0.03       | 38.16   | ppb   |
| Yttrium    | 89-1  |          |          |          | 110        |         | %     |
| Yttrium    | 89-2  |          |          |          | 105        |         | %     |
| Zinc       | 66-2  | 18.03    | 20.28    | 19.61    | 19.31      | 5.97    | ppb   |

|                         |                     |                   |                     |
|-------------------------|---------------------|-------------------|---------------------|
| LB Number :             | LB97237             | Operator :        | Jaswal              |
| Lab Sample ID :         | J4353-09            | Instrumnet Name : | P8                  |
| Client Sample ID :      | 96-9-FL1-MR-RM-WC   | Dilution Factor : | 1                   |
| Date & Time Acquired :: | 2018-08-10 14:15:12 | DataFile Name :   | 039SMPL_P8081018-MS |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|-----------|------|---------|---------|---------|------------|---------|-------|
| Zirconium | 90-1 | 0.04    | 0.02    | 0.05    | 0.04       | 40.48   | ppb   |
| Zirconium | 91-1 | 0.04    | 0.05    | 0.05    | 0.05       | 11.63   | ppb   |

LB Number : LB97237 Operator : Jaswal  
 Lab Sample ID : J4353-10 Instrumnet Name : P8  
 Client Sample ID : 96-10-FL1-ART-RM-W4-1 Dilution Factor : 1  
 Date & Time Acquired :: 2018-08-10 14:18:32 DataFile Name : 040SMPL\_P8081018-MS

| Parameter  | Mass  | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|------------|-------|---------|---------|---------|------------|---------|-------|
| Aluminium  | 27-2  | 20.45   | 18.30   | 16.69   | 18.48      | 10.20   | ppb   |
| Antimony   | 121-1 | 0.33    | 0.32    | 0.36    | 0.34       | 5.46    | ppb   |
| Arsenic    | 75-2  | 0.31    | 0.26    | 0.37    | 0.31       | 17.78   | ppb   |
| Barium     | 135-1 | 16.41   | 16.45   | 16.53   | 16.46      | 0.36    | ppb   |
| Barium     | 137-1 | 16.30   | 16.67   | 16.82   | 16.60      | 1.61    | ppb   |
| Beryllium  | 9-1   | 0.03    | 0.06    | 0.04    | 0.04       | 27.81   | ppb   |
| Bismuth    | 209-1 |         |         |         | 118        |         | %     |
| Bismuth    | 209-2 |         |         |         | 114        |         | %     |
| Boron      | 10-1  | 8.67    | 8.68    | 10.92   | 9.42       | 13.77   | ppb   |
| Boron      | 11-1  | 8.43    | 7.66    | 8.71    | 8.26       | 6.61    | ppb   |
| Cadmium    | 111-1 | -0.02   | -0.04   | -0.03   | -0.03      |         | ppb   |
| Cadmium    | 106-1 | -0.38   | -0.81   | -0.56   | -0.58      |         | ppb   |
| Cadmium    | 108-1 | 0.10    | 0.01    | 0.01    | 0.04       | 116.65  | ppb   |
| Calcium    | 43-1  | 5233.64 | 5230.79 | 5405.24 | 5289.89    | 1.89    | ppb   |
| Calcium    | 44-1  | 5397.94 | 5433.21 | 5572.57 | 5467.91    | 1.69    | ppb   |
| Chromium   | 52-2  | -0.04   | 0.16    | 0.08    | 0.06       | 161.82  | ppb   |
| Cobalt     | 59-2  | 0.05    | 0.01    | 0.05    | 0.03       | 61.48   | ppb   |
| Copper     | 63-2  | 112.10  | 114.59  | 111.77  | 112.82     | 1.37    | ppb   |
| Dysprosium | 156-1 |         |         |         |            |         | 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 |         |         |         | 114        |         | %     |
| Indium     | 115-1 |         |         |         | 114        |         | %     |
| Indium     | 115-2 |         |         |         | 108        |         | %     |
| Iron       | 56-2  | 42.08   | 45.26   | 42.52   | 43.29      | 3.98    | ppb   |
| Iron       | 57-2  | 49.94   | 45.84   | 38.89   | 44.89      | 12.44   | ppb   |
| Krypton    | 83-1  |         |         |         |            |         | cps   |
| Lead       | 206-1 | 5.16    | 5.30    | 5.27    | 5.24       | 1.41    | ppb   |
| Lead       | 207-1 | 4.79    | 4.87    | 4.90    | 4.85       | 1.17    | ppb   |
| Lead       | 208-1 | 4.90    | 5.01    | 5.02    | 4.98       | 1.40    | ppb   |
| Lithium    | 6-1   |         |         |         | 114        |         | %     |
| Magnesium  | 24-2  | 1170.91 | 1211.50 | 1162.72 | 1181.71    | 2.21    | ppb   |



|                         |                       |                   |                     |
|-------------------------|-----------------------|-------------------|---------------------|
| LB Number :             | LB97237               | Operator :        | Jaswal              |
| Lab Sample ID :         | J4353-10              | Instrumnet Name : | P8                  |
| Client Sample ID :      | 96-10-FL1-ART-RM-W4-1 | Dilution Factor : | 1                   |
| Date & Time Acquired :: | 2018-08-10 14:18:32   | DataFile Name :   | 040SMPL_P8081018-MS |

| Parameter  | Mass  | ConRep1  | ConRep2  | ConRep3  | Avg. Conc. | ConcRSD | Units |
|------------|-------|----------|----------|----------|------------|---------|-------|
| Manganese  | 55-2  | 11.98    | 12.56    | 12.24    | 12.26      | 2.39    | ppb   |
| Molybdenum | 94-1  | 0.10     | 0.07     | 0.05     | 0.07       | 31.31   | ppb   |
| Molybdenum | 95-1  | 0.03     | 0.03     | 0.04     | 0.03       | 12.63   | ppb   |
| Molybdenum | 96-1  | 0.05     | 0.07     | 0.04     | 0.05       | 23.95   | ppb   |
| Molybdenum | 97-1  | 0.05     | 0.06     | 0.07     | 0.06       | 20.13   | ppb   |
| Molybdenum | 98-1  | 0.08     | 0.07     | 0.08     | 0.08       | 4.11    | ppb   |
| Neodymium  | 150-1 |          |          |          |            |         | cps   |
| Neodymium  | 150-2 |          |          |          |            |         | cps   |
| Nickel     | 60-2  | 0.65     | 0.80     | 0.86     | 0.77       | 13.83   | ppb   |
| Phosphorus | 31-2  | 590.38   | 613.45   | 752.57   | 652.13     | 13.45   | ppb   |
| Potassium  | 39-2  | 482.39   | 483.45   | 438.67   | 468.17     | 5.46    | ppb   |
| Rhodium    | 103-1 |          |          |          | 112        |         | %     |
| Rhodium    | 103-2 |          |          |          | 110        |         | %     |
| Scandium   | 45-1  |          |          |          | 107        |         | %     |
| Scandium   | 45-2  |          |          |          | 101        |         | %     |
| Selenium   | 77-2  | 0.00     | 0.00     | 0.00     | 0.00       | N/A     | ppb   |
| Selenium   | 78-2  | 1.89     | 0.94     | 0.94     | 1.26       | 43.38   | ppb   |
| Selenium   | 82-1  | 0.10     | 0.07     | 0.26     | 0.14       | 70.56   | ppb   |
| Silicon    | 28-1  | 846.30   | 856.79   | 875.13   | 859.41     | 1.70    | ppb   |
| Silver     | 109-1 | 0.08     | 0.07     | 0.08     | 0.08       | 5.93    | ppb   |
| Silver     | 107-1 | 0.08     | 0.07     | 0.07     | 0.07       | 1.84    | ppb   |
| Sodium     | 23-2  | 10943.78 | 11323.29 | 10882.93 | 11050.00   | 2.16    | ppb   |
| Strontium  | 86-1  | 18.23    | 18.35    | 18.89    | 18.49      | 1.88    | ppb   |
| Strontium  | 88-1  | 18.41    | 18.38    | 18.95    | 18.58      | 1.72    | ppb   |
| Sulfur     | 34-1  | -1243.86 | -1118.21 | -742.56  | -1034.88   |         | ppb   |
| Terbium    | 159-1 |          |          |          | 116        |         | %     |
| Terbium    | 159-2 |          |          |          | 113        |         | %     |
| Thallium   | 203-1 | 0.03     | 0.03     | 0.02     | 0.02       | 24.92   | ppb   |
| Thallium   | 205-1 | 0.03     | 0.03     | 0.03     | 0.03       | 4.37    | ppb   |
| Tin        | 118-1 | 2.60     | 2.55     | 2.70     | 2.62       | 2.93    | ppb   |
| Titanium   | 47-1  | 0.35     | 0.44     | 0.40     | 0.40       | 11.90   | ppb   |
| Uranium    | 238-1 | 0.01     | 0.01     | 0.01     | 0.01       | 9.41    | ppb   |
| Vanadium   | 51-2  | 0.04     | 0.03     | 0.05     | 0.04       | 23.54   | ppb   |
| Yttrium    | 89-1  |          |          |          | 112        |         | %     |
| Yttrium    | 89-2  |          |          |          | 105        |         | %     |
| Zinc       | 66-2  | 55.24    | 57.16    | 53.46    | 55.28      | 3.35    | ppb   |

|                         |                       |                   |                     |
|-------------------------|-----------------------|-------------------|---------------------|
| LB Number :             | LB97237               | Operator :        | Jaswal              |
| Lab Sample ID :         | J4353-10              | Instrumnet Name : | P8                  |
| Client Sample ID :      | 96-10-FL1-ART-RM-W4-1 | Dilution Factor : | 1                   |
| Date & Time Acquired :: | 2018-08-10 14:18:32   | DataFile Name :   | 040SMPL_P8081018-MS |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|-----------|------|---------|---------|---------|------------|---------|-------|
| Zirconium | 90-1 | 0.03    | 0.04    | 0.02    | 0.03       | 26.18   | ppb   |
| Zirconium | 91-1 | 0.04    | 0.02    | 0.02    | 0.03       | 48.77   | ppb   |

|                         |                     |                   |                      |
|-------------------------|---------------------|-------------------|----------------------|
| LB Number :             | LB97237             | Operator :        | Jaswal               |
| Lab Sample ID :         | CCV92               | Instrumnet Name : | P8                   |
| Client Sample ID :      | CCV92               | Dilution Factor : | 1                    |
| Date & Time Acquired :: | 2018-08-10 14:21:52 | DataFile Name :   | 041CCV_P8081018-MS.I |

| Parameter  | Mass  | ConRep1   | ConRep2   | ConRep3   | Avg. Conc. | ConcRSD | Units |
|------------|-------|-----------|-----------|-----------|------------|---------|-------|
| Aluminium  | 27-2  | 53708.27  | 53965.17  | 52500.42  | 53391.28   | 1.46    | ppb   |
| Antimony   | 121-1 | 475.61    | 473.21    | 476.68    | 475.17     | 0.37    | ppb   |
| Arsenic    | 75-2  | 504.29    | 505.06    | 476.95    | 495.43     | 3.23    | ppb   |
| Barium     | 135-1 | 2479.76   | 2449.99   | 2445.07   | 2458.27    | 0.76    | ppb   |
| Barium     | 137-1 | 2443.75   | 2438.02   | 2443.10   | 2441.62    | 0.13    | ppb   |
| Beryllium  | 9-1   | 484.57    | 479.73    | 483.78    | 482.69     | 0.54    | ppb   |
| Bismuth    | 209-1 |           |           |           | 102        |         | %     |
| Bismuth    | 209-2 |           |           |           | 99         |         | %     |
| Boron      | 10-1  | 472.62    | 475.95    | 503.75    | 484.10     | 3.53    | ppb   |
| Boron      | 11-1  | 468.93    | 477.14    | 486.53    | 477.53     | 1.84    | ppb   |
| Cadmium    | 111-1 | 471.09    | 469.15    | 471.42    | 470.55     | 0.26    | ppb   |
| Cadmium    | 106-1 | 482.92    | 485.84    | 481.72    | 483.49     | 0.44    | ppb   |
| Cadmium    | 108-1 | 475.99    | 471.62    | 473.09    | 473.57     | 0.47    | ppb   |
| Calcium    | 43-1  | 241221.88 | 234787.31 | 242801.49 | 239603.56  | 1.77    | ppb   |
| Calcium    | 44-1  | 238673.26 | 232439.07 | 238866.54 | 236659.62  | 1.54    | ppb   |
| Chromium   | 52-2  | 524.16    | 526.32    | 517.92    | 522.80     | 0.83    | ppb   |
| Cobalt     | 59-2  | 506.68    | 503.97    | 499.13    | 503.26     | 0.76    | ppb   |
| Copper     | 63-2  | 995.30    | 992.58    | 975.57    | 987.81     | 1.08    | ppb   |
| Dysprosium | 156-1 |           |           |           |            |         | cps   |
| Dysprosium | 156-2 |           |           |           |            |         | cps   |
| Erbium     | 164-1 |           |           |           |            |         | cps   |
| Erbium     | 164-2 |           |           |           |            |         | cps   |
| Gadolinium | 160-1 |           |           |           |            |         | cps   |
| Gadolinium | 160-2 |           |           |           |            |         | cps   |
| Holmium    | 165-1 |           |           |           | 107        |         | %     |
| Holmium    | 165-2 |           |           |           | 107        |         | %     |
| Indium     | 115-1 |           |           |           | 101        |         | %     |
| Indium     | 115-2 |           |           |           | 98         |         | %     |
| Iron       | 56-2  | 134981.10 | 135584.05 | 133026.17 | 134530.44  | 0.99    | ppb   |
| Iron       | 57-2  | 135379.93 | 136579.23 | 134084.77 | 135347.98  | 0.92    | ppb   |
| Krypton    | 83-1  |           |           |           |            |         | cps   |
| Lead       | 206-1 | 507.60    | 509.44    | 506.92    | 507.99     | 0.26    | ppb   |
| Lead       | 207-1 | 516.10    | 517.02    | 507.66    | 513.59     | 1.01    | ppb   |
| Lead       | 208-1 | 507.28    | 511.34    | 505.04    | 507.89     | 0.63    | ppb   |
| Lithium    | 6-1   |           |           |           | 102        |         | %     |
| Magnesium  | 24-2  | 259639.79 | 260127.21 | 254495.50 | 258087.50  | 1.21    | ppb   |

|                         |                     |                   |                      |
|-------------------------|---------------------|-------------------|----------------------|
| LB Number :             | LB97237             | Operator :        | Jaswal               |
| Lab Sample ID :         | CCV92               | Instrumnet Name : | P8                   |
| Client Sample ID :      | CCV92               | Dilution Factor : | 1                    |
| Date & Time Acquired :: | 2018-08-10 14:21:52 | DataFile Name :   | 041CCV_P8081018-MS.I |

| Parameter  | Mass  | ConRep1   | ConRep2   | ConRep3   | Avg. Conc. | ConcRSD | Units |
|------------|-------|-----------|-----------|-----------|------------|---------|-------|
| Manganese  | 55-2  | 1019.86   | 1017.24   | 1007.02   | 1014.71    | 0.67    | ppb   |
| Molybdenum | 94-1  | 2475.53   | 2455.35   | 2477.74   | 2469.54    | 0.50    | ppb   |
| Molybdenum | 95-1  | 2467.56   | 2464.32   | 2484.72   | 2472.20    | 0.44    | ppb   |
| Molybdenum | 96-1  | 2481.74   | 2459.52   | 2485.17   | 2475.48    | 0.56    | ppb   |
| Molybdenum | 97-1  | 2495.90   | 2453.92   | 2496.27   | 2482.03    | 0.98    | ppb   |
| Molybdenum | 98-1  | 2490.74   | 2469.96   | 2488.10   | 2482.94    | 0.46    | ppb   |
| Neodymium  | 150-1 |           |           |           |            |         | cps   |
| Neodymium  | 150-2 |           |           |           |            |         | cps   |
| Nickel     | 60-2  | 517.44    | 517.13    | 510.30    | 514.96     | 0.78    | ppb   |
| Phosphorus | 31-2  | 12357.09  | 11231.72  | 11110.94  | 11566.59   | 5.94    | ppb   |
| Potassium  | 39-2  | 128174.58 | 127951.00 | 125779.48 | 127301.69  | 1.04    | ppb   |
| Rhodium    | 103-1 |           |           |           | 98         |         | %     |
| Rhodium    | 103-2 |           |           |           | 96         |         | %     |
| Scandium   | 45-1  |           |           |           | 101        |         | %     |
| Scandium   | 45-2  |           |           |           | 97         |         | %     |
| Selenium   | 77-2  | 520.15    | 456.85    | 584.63    | 520.54     | 12.27   | ppb   |
| Selenium   | 78-2  | 561.26    | 534.76    | 475.82    | 523.95     | 8.35    | ppb   |
| Selenium   | 82-1  | 484.49    | 486.26    | 486.34    | 485.70     | 0.22    | ppb   |
| Silicon    | 28-1  | 538.24    | 517.93    | 541.53    | 532.57     | 2.40    | ppb   |
| Silver     | 109-1 | 482.05    | 482.09    | 479.25    | 481.13     | 0.34    | ppb   |
| Silver     | 107-1 | 487.35    | 480.09    | 483.38    | 483.60     | 0.75    | ppb   |
| Sodium     | 23-2  | 258475.11 | 257756.20 | 252512.23 | 256247.84  | 1.27    | ppb   |
| Strontium  | 86-1  | 486.04    | 485.46    | 493.20    | 488.23     | 0.88    | ppb   |
| Strontium  | 88-1  | 494.25    | 492.69    | 501.60    | 496.18     | 0.96    | ppb   |
| Sulfur     | 34-1  | 9380.35   | 8666.51   | 9182.81   | 9076.56    | 4.06    | ppb   |
| Terbium    | 159-1 |           |           |           | 107        |         | %     |
| Terbium    | 159-2 |           |           |           | 106        |         | %     |
| Thallium   | 203-1 | 507.13    | 515.99    | 503.83    | 508.98     | 1.24    | ppb   |
| Thallium   | 205-1 | 502.81    | 511.77    | 495.68    | 503.42     | 1.60    | ppb   |
| Tin        | 118-1 | 492.20    | 489.65    | 492.51    | 491.45     | 0.32    | ppb   |
| Titanium   | 47-1  | 2499.84   | 2488.67   | 2538.66   | 2509.06    | 1.05    | ppb   |
| Uranium    | 238-1 | 513.19    | 507.44    | 515.25    | 511.96     | 0.79    | ppb   |
| Vanadium   | 51-2  | 513.47    | 515.79    | 507.16    | 512.14     | 0.87    | ppb   |
| Yttrium    | 89-1  |           |           |           | 104        |         | %     |
| Yttrium    | 89-2  |           |           |           | 99         |         | %     |
| Zinc       | 66-2  | 998.64    | 1006.61   | 987.35    | 997.53     | 0.97    | ppb   |

|                         |                     |                   |                      |
|-------------------------|---------------------|-------------------|----------------------|
| LB Number :             | LB97237             | Operator :        | Jaswal               |
| Lab Sample ID :         | CCV92               | Instrumnet Name : | P8                   |
| Client Sample ID :      | CCV92               | Dilution Factor : | 1                    |
| Date & Time Acquired :: | 2018-08-10 14:21:52 | DataFile Name :   | 041CCV_P8081018-MS.I |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|-----------|------|---------|---------|---------|------------|---------|-------|
| Zirconium | 90-1 | 503.58  | 493.95  | 498.73  | 498.75     | 0.97    | ppb   |
| Zirconium | 91-1 | 495.68  | 485.21  | 491.98  | 490.96     | 1.08    | ppb   |

|                         |                     |                   |                     |
|-------------------------|---------------------|-------------------|---------------------|
| LB Number :             | LB97237             | Operator :        | Jaswal              |
| Lab Sample ID :         | CCB92               | Instrumnet Name : | P8                  |
| Client Sample ID :      | CCB92               | Dilution Factor : | 1                   |
| Date & Time Acquired :: | 2018-08-10 14:25:02 | DataFile Name :   | 042CCBE_P8081018-M5 |

| Parameter  | Mass  | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|------------|-------|---------|---------|---------|------------|---------|-------|
| Aluminium  | 27-2  | 0.97    | 0.33    | -0.17   | 0.38       | 151.77  | ppb   |
| Antimony   | 121-1 | 1.19    | 1.09    | 0.99    | 1.09       | 9.02    | ppb   |
| Arsenic    | 75-2  | 0.17    | 0.04    | 0.02    | 0.08       | 101.99  | ppb   |
| Barium     | 135-1 | 0.06    | 0.02    | 0.05    | 0.04       | 51.15   | ppb   |
| Barium     | 137-1 | 0.07    | 0.05    | 0.02    | 0.05       | 50.38   | ppb   |
| Beryllium  | 9-1   | 0.25    | 0.23    | 0.31    | 0.26       | 16.60   | ppb   |
| Bismuth    | 209-1 |         |         |         | 106        |         | %     |
| Bismuth    | 209-2 |         |         |         | 106        |         | %     |
| Boron      | 10-1  | 19.02   | 19.77   | 15.49   | 18.09      | 12.64   | ppb   |
| Boron      | 11-1  | 18.70   | 17.15   | 14.86   | 16.91      | 11.42   | ppb   |
| Cadmium    | 111-1 | 0.05    | 0.10    | 0.04    | 0.06       | 50.69   | ppb   |
| Cadmium    | 106-1 | -0.01   | 0.63    | -0.24   | 0.13       | 352.75  | ppb   |
| Cadmium    | 108-1 | 0.27    | -0.04   | 0.08    | 0.10       | 153.67  | ppb   |
| Calcium    | 43-1  | 0.80    | 6.06    | 8.62    | 5.16       | 77.22   | ppb   |
| Calcium    | 44-1  | 2.70    | -0.70   | -0.76   | 0.41       | 479.18  | ppb   |
| Chromium   | 52-2  | 0.01    | -0.09   | -0.08   | -0.05      |         | ppb   |
| Cobalt     | 59-2  | 0.00    | 0.00    | -0.01   | 0.00       |         | ppb   |
| Copper     | 63-2  | -0.27   | -0.31   | -0.27   | -0.28      |         | ppb   |
| Dysprosium | 156-1 |         |         |         |            |         | cps   |
| Dysprosium | 156-2 |         |         |         |            |         | cps   |
| Erbium     | 164-1 |         |         |         |            |         | cps   |
| Erbium     | 164-2 |         |         |         |            |         | cps   |
| Gadolinium | 160-1 |         |         |         |            |         | cps   |
| Gadolinium | 160-2 |         |         |         |            |         | cps   |
| Holmium    | 165-1 |         |         |         | 105        |         | %     |
| Holmium    | 165-2 |         |         |         | 107        |         | %     |
| Indium     | 115-1 |         |         |         | 103        |         | %     |
| Indium     | 115-2 |         |         |         | 103        |         | %     |
| Iron       | 56-2  | 4.03    | 3.30    | 3.20    | 3.51       | 12.84   | ppb   |
| Iron       | 57-2  | 9.38    | 5.21    | 2.66    | 5.75       | 59.01   | ppb   |
| Krypton    | 83-1  |         |         |         |            |         | cps   |
| Lead       | 206-1 | 0.04    | 0.04    | 0.04    | 0.04       | 3.62    | ppb   |
| Lead       | 207-1 | 0.03    | 0.03    | 0.02    | 0.03       | 10.72   | ppb   |
| Lead       | 208-1 | 0.03    | 0.03    | 0.03    | 0.03       | 4.20    | ppb   |
| Lithium    | 6-1   |         |         |         | 104        |         | %     |
| Magnesium  | 24-2  | 6.55    | 6.45    | 5.68    | 6.23       | 7.60    | ppb   |

|                         |                     |                   |                     |
|-------------------------|---------------------|-------------------|---------------------|
| LB Number :             | LB97237             | Operator :        | Jaswal              |
| Lab Sample ID :         | CCB92               | Instrumnet Name : | P8                  |
| Client Sample ID :      | CCB92               | Dilution Factor : | 1                   |
| Date & Time Acquired :: | 2018-08-10 14:25:02 | DataFile Name :   | 042CCBE_P8081018-MS |

| Parameter  | Mass  | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|------------|-------|---------|---------|---------|------------|---------|-------|
| Manganese  | 55-2  | -0.25   | -0.28   | -0.45   | -0.33      |         | ppb   |
| Molybdenum | 94-1  | 0.89    | 1.01    | 0.76    | 0.89       | 14.18   | ppb   |
| Molybdenum | 95-1  | 0.98    | 0.87    | 0.78    | 0.88       | 11.83   | ppb   |
| Molybdenum | 96-1  | 1.02    | 0.92    | 0.80    | 0.92       | 12.01   | ppb   |
| Molybdenum | 97-1  | 1.06    | 0.87    | 0.81    | 0.91       | 14.51   | ppb   |
| Molybdenum | 98-1  | 1.04    | 0.95    | 0.86    | 0.95       | 9.35    | ppb   |
| Neodymium  | 150-1 |         |         |         |            |         | cps   |
| Neodymium  | 150-2 |         |         |         |            |         | cps   |
| Nickel     | 60-2  | -0.11   | -0.05   | -0.06   | -0.07      |         | ppb   |
| Phosphorus | 31-2  | 68.52   | -17.95  | -17.95  | 10.88      | 459.01  | ppb   |
| Potassium  | 39-2  | 27.10   | 24.81   | 12.52   | 21.48      | 36.51   | ppb   |
| Rhodium    | 103-1 |         |         |         | 103        |         | %     |
| Rhodium    | 103-2 |         |         |         | 103        |         | %     |
| Scandium   | 45-1  |         |         |         | 101        |         | %     |
| Scandium   | 45-2  |         |         |         | 98         |         | %     |
| Selenium   | 77-2  | 0.00    | 0.00    | 0.00    | 0.00       | N/A     | ppb   |
| Selenium   | 78-2  | 2.03    | 0.00    | 0.00    | 0.68       | 173.21  | ppb   |
| Selenium   | 82-1  | 0.42    | 0.38    | -0.08   | 0.24       | 115.84  | ppb   |
| Silicon    | 28-1  | -4.28   | -4.80   | -4.49   | -4.52      |         | ppb   |
| Silver     | 109-1 | 0.09    | 0.05    | 0.06    | 0.07       | 25.79   | ppb   |
| Silver     | 107-1 | 0.08    | 0.07    | 0.07    | 0.07       | 9.48    | ppb   |
| Sodium     | 23-2  | 38.83   | 45.49   | 33.28   | 39.20      | 15.60   | ppb   |
| Strontium  | 86-1  | -0.03   | 0.03    | 0.01    | 0.00       | 1420.62 | ppb   |
| Strontium  | 88-1  | 0.01    | 0.01    | 0.01    | 0.01       | 40.02   | ppb   |
| Sulfur     | 34-1  | -974.24 | -831.74 | -806.07 | -870.68    |         | ppb   |
| Terbium    | 159-1 |         |         |         | 105        |         | %     |
| Terbium    | 159-2 |         |         |         | 106        |         | %     |
| Thallium   | 203-1 | 0.13    | 0.12    | 0.12    | 0.12       | 5.36    | ppb   |
| Thallium   | 205-1 | 0.14    | 0.12    | 0.12    | 0.13       | 8.00    | ppb   |
| Tin        | 118-1 | 0.38    | 0.38    | 0.33    | 0.36       | 8.67    | ppb   |
| Titanium   | 47-1  | 0.12    | 0.16    | 0.00    | 0.09       | 93.39   | ppb   |
| Uranium    | 238-1 | 0.02    | 0.01    | 0.01    | 0.01       | 22.09   | ppb   |
| Vanadium   | 51-2  | 0.00    | 0.02    | 0.00    | 0.01       | 124.12  | ppb   |
| Yttrium    | 89-1  |         |         |         | 103        |         | %     |
| Yttrium    | 89-2  |         |         |         | 101        |         | %     |
| Zinc       | 66-2  | 1.16    | 0.45    | 0.26    | 0.63       | 76.11   | ppb   |

|                         |                     |                   |                     |
|-------------------------|---------------------|-------------------|---------------------|
| LB Number :             | LB97237             | Operator :        | Jaswal              |
| Lab Sample ID :         | CCB92               | Instrumnet Name : | P8                  |
| Client Sample ID :      | CCB92               | Dilution Factor : | 1                   |
| Date & Time Acquired :: | 2018-08-10 14:25:02 | DataFile Name :   | 042CCBE_P8081018-MS |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|-----------|------|---------|---------|---------|------------|---------|-------|
| Zirconium | 90-1 | 0.14    | 0.15    | 0.13    | 0.14       | 5.66    | ppb   |
| Zirconium | 91-1 | 0.17    | 0.18    | 0.11    | 0.15       | 25.00   | ppb   |



LB Number : LB97237 Operator : Jaswal  
 Lab Sample ID : J4353-11 Instrumnet Name : P8  
 Client Sample ID : 96-11-FL2-FRONT-RM-V Dilution Factor : 1  
 Date & Time Acquired :: 2018-08-10 14:28:22 DataFile Name : 043SMPL\_P8081018-MS

| Parameter  | Mass  | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|------------|-------|---------|---------|---------|------------|---------|-------|
| Aluminium  | 27-2  | 14.83   | 5.39    | 17.20   | 12.47      | 50.07   | ppb   |
| Antimony   | 121-1 | 0.48    | 0.47    | 0.51    | 0.49       | 3.45    | ppb   |
| Arsenic    | 75-2  | 0.25    | 0.45    | 0.26    | 0.32       | 34.06   | ppb   |
| Barium     | 135-1 | 14.58   | 13.71   | 13.69   | 14.00      | 3.62    | ppb   |
| Barium     | 137-1 | 14.41   | 13.52   | 14.08   | 14.00      | 3.18    | ppb   |
| Beryllium  | 9-1   | 0.07    | 0.12    | 0.13    | 0.11       | 29.92   | ppb   |
| Bismuth    | 209-1 |         |         |         | 117        |         | %     |
| Bismuth    | 209-2 |         |         |         | 114        |         | %     |
| Boron      | 10-1  | 11.48   | 10.47   | 10.68   | 10.88      | 4.91    | ppb   |
| Boron      | 11-1  | 11.57   | 10.46   | 11.44   | 11.16      | 5.44    | ppb   |
| Cadmium    | 111-1 | 0.08    | 0.08    | 0.08    | 0.08       | 1.31    | ppb   |
| Cadmium    | 106-1 | 0.65    | 0.51    | 0.63    | 0.60       | 13.07   | ppb   |
| Cadmium    | 108-1 | 0.10    | 0.07    | 0.16    | 0.11       | 42.96   | ppb   |
| Calcium    | 43-1  | 4604.58 | 4449.39 | 4709.17 | 4587.71    | 2.85    | ppb   |
| Calcium    | 44-1  | 4757.74 | 4558.51 | 4766.62 | 4694.29    | 2.51    | ppb   |
| Chromium   | 52-2  | 0.38    | 0.35    | 0.29    | 0.34       | 13.34   | ppb   |
| Cobalt     | 59-2  | -0.01   | 0.00    | 0.00    | 0.00       |         | ppb   |
| Copper     | 63-2  | 2.99    | 3.07    | 3.33    | 3.13       | 5.83    | 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 |         |         |         | 115        |         | %     |
| Holmium    | 165-2 |         |         |         | 113        |         | %     |
| Indium     | 115-1 |         |         |         | 113        |         | %     |
| Indium     | 115-2 |         |         |         | 109        |         | %     |
| Iron       | 56-2  | 8.24    | 8.12    | 9.01    | 8.46       | 5.72    | ppb   |
| Iron       | 57-2  | 6.28    | 7.21    | 9.77    | 7.75       | 23.30   | ppb   |
| Krypton    | 83-1  |         |         |         |            |         | cps   |
| Lead       | 206-1 | 0.12    | 0.13    | 0.13    | 0.13       | 3.56    | ppb   |
| Lead       | 207-1 | 0.11    | 0.11    | 0.11    | 0.11       | 0.82    | ppb   |
| Lead       | 208-1 | 0.12    | 0.12    | 0.13    | 0.12       | 2.98    | ppb   |
| Lithium    | 6-1   |         |         |         | 112        |         | %     |
| Magnesium  | 24-2  | 1131.57 | 1143.75 | 1189.73 | 1155.02    | 2.66    | ppb   |

|                         |                      |                   |                     |
|-------------------------|----------------------|-------------------|---------------------|
| LB Number :             | LB97237              | Operator :        | Jaswal              |
| Lab Sample ID :         | J4353-11             | Instrumnet Name : | P8                  |
| Client Sample ID :      | 96-11-FL2-FRONT-RM-V | Dilution Factor : | 1                   |
| Date & Time Acquired :: | 2018-08-10 14:28:22  | DataFile Name :   | 043SMPL_P8081018-MS |

| Parameter  | Mass  | ConRep1  | ConRep2  | ConRep3  | Avg. Conc. | ConcRSD | Units |
|------------|-------|----------|----------|----------|------------|---------|-------|
| Manganese  | 55-2  | 10.04    | 10.26    | 11.27    | 10.52      | 6.24    | ppb   |
| Molybdenum | 94-1  | 1.49     | 1.05     | 0.85     | 1.13       | 28.92   | ppb   |
| Molybdenum | 95-1  | 0.27     | 0.23     | 0.24     | 0.25       | 7.27    | ppb   |
| Molybdenum | 96-1  | 0.38     | 0.35     | 0.33     | 0.35       | 6.45    | ppb   |
| Molybdenum | 97-1  | 0.31     | 0.24     | 0.20     | 0.25       | 22.95   | ppb   |
| Molybdenum | 98-1  | 0.28     | 0.25     | 0.25     | 0.26       | 7.58    | ppb   |
| Neodymium  | 150-1 |          |          |          |            |         | cps   |
| Neodymium  | 150-2 |          |          |          |            |         | cps   |
| Nickel     | 60-2  | 1.32     | 1.25     | 1.54     | 1.37       | 10.89   | ppb   |
| Phosphorus | 31-2  | 603.98   | 550.33   | 1074.00  | 742.77     | 38.79   | ppb   |
| Potassium  | 39-2  | 561.22   | 513.05   | 577.02   | 550.43     | 6.05    | ppb   |
| Rhodium    | 103-1 |          |          |          | 112        |         | %     |
| Rhodium    | 103-2 |          |          |          | 110        |         | %     |
| Scandium   | 45-1  |          |          |          | 109        |         | %     |
| Scandium   | 45-2  |          |          |          | 103        |         | %     |
| Selenium   | 77-2  | 0.00     | 0.00     | 5.95     | 1.98       | 173.21  | ppb   |
| Selenium   | 78-2  | 2.77     | 1.84     | 3.80     | 2.80       | 34.92   | ppb   |
| Selenium   | 82-1  | 0.07     | 0.02     | -0.17    | -0.03      |         | ppb   |
| Silicon    | 28-1  | 1180.21  | 1131.28  | 1198.86  | 1170.11    | 2.98    | ppb   |
| Silver     | 109-1 | 0.14     | 0.09     | 0.13     | 0.12       | 21.19   | ppb   |
| Silver     | 107-1 | 0.12     | 0.13     | 0.12     | 0.12       | 6.69    | ppb   |
| Sodium     | 23-2  | 10406.51 | 10313.88 | 10754.29 | 10491.56   | 2.21    | ppb   |
| Strontium  | 86-1  | 17.74    | 17.22    | 17.75    | 17.57      | 1.72    | ppb   |
| Strontium  | 88-1  | 18.09    | 17.41    | 18.19    | 17.90      | 2.38    | ppb   |
| Sulfur     | 34-1  | -939.46  | -1301.20 | -643.11  | -961.26    |         | ppb   |
| Terbium    | 159-1 |          |          |          | 115        |         | %     |
| Terbium    | 159-2 |          |          |          | 113        |         | %     |
| Thallium   | 203-1 | 0.13     | 0.11     | 0.08     | 0.11       | 22.93   | ppb   |
| Thallium   | 205-1 | 0.15     | 0.11     | 0.11     | 0.12       | 20.25   | ppb   |
| Tin        | 118-1 | 0.10     | 0.10     | 0.11     | 0.10       | 3.85    | ppb   |
| Titanium   | 47-1  | 0.29     | 0.28     | 0.41     | 0.33       | 21.58   | ppb   |
| Uranium    | 238-1 | 0.00     | 0.00     | 0.00     | 0.00       | 46.65   | ppb   |
| Vanadium   | 51-2  | 0.02     | 0.03     | 0.02     | 0.02       | 13.81   | ppb   |
| Yttrium    | 89-1  |          |          |          | 112        |         | %     |
| Yttrium    | 89-2  |          |          |          | 106        |         | %     |
| Zinc       | 66-2  | 20.45    | 18.63    | 20.73    | 19.93      | 5.72    | ppb   |

|                         |                      |                   |                     |
|-------------------------|----------------------|-------------------|---------------------|
| LB Number :             | LB97237              | Operator :        | Jaswal              |
| Lab Sample ID :         | J4353-11             | Instrumnet Name : | P8                  |
| Client Sample ID :      | 96-11-FL2-FRONT-RM-V | Dilution Factor : | 1                   |
| Date & Time Acquired :: | 2018-08-10 14:28:22  | DataFile Name :   | 043SMPL_P8081018-MS |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|-----------|------|---------|---------|---------|------------|---------|-------|
| Zirconium | 90-1 | 0.78    | 0.58    | 0.53    | 0.63       | 21.21   | ppb   |
| Zirconium | 91-1 | 0.82    | 0.61    | 0.46    | 0.63       | 28.58   | ppb   |

|                         |                      |                   |                     |
|-------------------------|----------------------|-------------------|---------------------|
| LB Number :             | LB97237              | Operator :        | Jaswal              |
| Lab Sample ID :         | J4353-12             | Instrumnet Name : | P8                  |
| Client Sample ID :      | 96-12-FL2-FRONT-RM-B | Dilution Factor : | 1                   |
| Date & Time Acquired :: | 2018-08-10 14:31:43  | DataFile Name :   | 044SMPL_P8081018-MS |

| Parameter  | Mass  | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|------------|-------|---------|---------|---------|------------|---------|-------|
| Aluminium  | 27-2  | 39.04   | 46.05   | 38.18   | 41.09      | 10.50   | ppb   |
| Antimony   | 121-1 | 0.38    | 0.39    | 0.34    | 0.37       | 7.89    | ppb   |
| Arsenic    | 75-2  | 0.45    | 0.32    | 0.30    | 0.35       | 23.43   | ppb   |
| Barium     | 135-1 | 16.24   | 16.32   | 15.70   | 16.09      | 2.08    | ppb   |
| Barium     | 137-1 | 16.19   | 16.76   | 16.21   | 16.39      | 1.98    | ppb   |
| Beryllium  | 9-1   | 0.06    | 0.13    | 0.07    | 0.08       | 46.22   | ppb   |
| Bismuth    | 209-1 |         |         |         | 117        |         | %     |
| Bismuth    | 209-2 |         |         |         | 112        |         | %     |
| Boron      | 10-1  | 10.36   | 13.65   | 10.72   | 11.58      | 15.56   | ppb   |
| Boron      | 11-1  | 11.61   | 12.02   | 12.50   | 12.04      | 3.71    | ppb   |
| Cadmium    | 111-1 | 0.00    | 0.07    | 0.00    | 0.02       | 177.99  | ppb   |
| Cadmium    | 106-1 | -0.28   | 0.53    | -0.20   | 0.02       | 2405.85 | ppb   |
| Cadmium    | 108-1 | 0.04    | 0.04    | 0.04    | 0.04       | 2.30    | ppb   |
| Calcium    | 43-1  | 5201.61 | 5478.37 | 5207.14 | 5295.71    | 2.99    | ppb   |
| Calcium    | 44-1  | 5362.07 | 5545.66 | 5318.92 | 5408.88    | 2.23    | ppb   |
| Chromium   | 52-2  | 0.44    | 0.34    | 0.40    | 0.39       | 12.38   | ppb   |
| Cobalt     | 59-2  | 0.02    | 0.00    | 0.01    | 0.01       | 121.80  | ppb   |
| Copper     | 63-2  | 90.78   | 83.81   | 87.71   | 87.43      | 4.00    | 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 |         |         |         | 116        |         | %     |
| Holmium    | 165-2 |         |         |         | 112        |         | %     |
| Indium     | 115-1 |         |         |         | 113        |         | %     |
| Indium     | 115-2 |         |         |         | 106        |         | %     |
| Iron       | 56-2  | 31.03   | 27.89   | 31.33   | 30.09      | 6.34    | ppb   |
| Iron       | 57-2  | 29.33   | 27.33   | 30.67   | 29.11      | 5.77    | ppb   |
| Krypton    | 83-1  |         |         |         |            |         | cps   |
| Lead       | 206-1 | 4.49    | 4.56    | 4.31    | 4.45       | 2.95    | ppb   |
| Lead       | 207-1 | 3.98    | 4.19    | 4.05    | 4.07       | 2.64    | ppb   |
| Lead       | 208-1 | 4.21    | 4.34    | 4.14    | 4.23       | 2.46    | ppb   |
| Lithium    | 6-1   |         |         |         | 114        |         | %     |
| Magnesium  | 24-2  | 1258.45 | 1116.27 | 1178.80 | 1184.51    | 6.02    | ppb   |

|                         |                      |                   |                     |
|-------------------------|----------------------|-------------------|---------------------|
| LB Number :             | LB97237              | Operator :        | Jaswal              |
| Lab Sample ID :         | J4353-12             | Instrumnet Name : | P8                  |
| Client Sample ID :      | 96-12-FL2-FRONT-RM-B | Dilution Factor : | 1                   |
| Date & Time Acquired :: | 2018-08-10 14:31:43  | DataFile Name :   | 044SMPL_P8081018-MS |

| Parameter  | Mass  | ConRep1  | ConRep2  | ConRep3  | Avg. Conc. | ConcRSD | Units |
|------------|-------|----------|----------|----------|------------|---------|-------|
| Manganese  | 55-2  | 10.12    | 9.45     | 9.96     | 9.85       | 3.53    | ppb   |
| Molybdenum | 94-1  | 0.52     | 0.50     | 0.53     | 0.52       | 2.96    | ppb   |
| Molybdenum | 95-1  | 0.12     | 0.12     | 0.13     | 0.13       | 2.74    | ppb   |
| Molybdenum | 96-1  | 0.21     | 0.26     | 0.19     | 0.22       | 16.20   | ppb   |
| Molybdenum | 97-1  | 0.15     | 0.16     | 0.16     | 0.16       | 1.97    | ppb   |
| Molybdenum | 98-1  | 0.17     | 0.18     | 0.15     | 0.16       | 8.74    | ppb   |
| Neodymium  | 150-1 |          |          |          |            |         | cps   |
| Neodymium  | 150-2 |          |          |          |            |         | cps   |
| Nickel     | 60-2  | 1.16     | 1.18     | 1.21     | 1.18       | 1.88    | ppb   |
| Phosphorus | 31-2  | 562.80   | 542.90   | 604.73   | 570.14     | 5.54    | ppb   |
| Potassium  | 39-2  | 568.22   | 483.95   | 505.10   | 519.09     | 8.45    | ppb   |
| Rhodium    | 103-1 |          |          |          | 112        |         | %     |
| Rhodium    | 103-2 |          |          |          | 108        |         | %     |
| Scandium   | 45-1  |          |          |          | 108        |         | %     |
| Scandium   | 45-2  |          |          |          | 102        |         | %     |
| Selenium   | 77-2  | 0.00     | 0.00     | 0.00     | 0.00       | N/A     | ppb   |
| Selenium   | 78-2  | 1.93     | 0.00     | 1.96     | 1.30       | 86.61   | ppb   |
| Selenium   | 82-1  | 0.14     | 0.40     | 0.37     | 0.30       | 47.20   | ppb   |
| Silicon    | 28-1  | 836.44   | 867.88   | 830.16   | 844.83     | 2.39    | ppb   |
| Silver     | 109-1 | 0.10     | 0.10     | 0.11     | 0.10       | 3.37    | ppb   |
| Silver     | 107-1 | 0.08     | 0.10     | 0.10     | 0.09       | 13.11   | ppb   |
| Sodium     | 23-2  | 11389.37 | 10452.65 | 11047.45 | 10963.16   | 4.32    | ppb   |
| Strontium  | 86-1  | 18.54    | 18.72    | 18.89    | 18.72      | 0.93    | ppb   |
| Strontium  | 88-1  | 18.55    | 19.07    | 18.94    | 18.86      | 1.43    | ppb   |
| Sulfur     | 34-1  | -1403.25 | -814.43  | -1359.91 | -1192.53   |         | ppb   |
| Terbium    | 159-1 |          |          |          | 116        |         | %     |
| Terbium    | 159-2 |          |          |          | 110        |         | %     |
| Thallium   | 203-1 | 0.03     | 0.03     | 0.03     | 0.03       | 8.67    | ppb   |
| Thallium   | 205-1 | 0.03     | 0.04     | 0.04     | 0.04       | 10.28   | ppb   |
| Tin        | 118-1 | 0.55     | 0.49     | 0.55     | 0.53       | 6.46    | ppb   |
| Titanium   | 47-1  | 0.41     | 0.41     | 0.55     | 0.46       | 18.22   | ppb   |
| Uranium    | 238-1 | 0.01     | 0.02     | 0.01     | 0.01       | 28.86   | ppb   |
| Vanadium   | 51-2  | 0.07     | 0.06     | 0.09     | 0.07       | 25.62   | ppb   |
| Yttrium    | 89-1  |          |          |          | 112        |         | %     |
| Yttrium    | 89-2  |          |          |          | 104        |         | %     |
| Zinc       | 66-2  | 36.83    | 31.23    | 33.31    | 33.79      | 8.38    | ppb   |

|                         |                      |                   |                     |
|-------------------------|----------------------|-------------------|---------------------|
| LB Number :             | LB97237              | Operator :        | Jaswal              |
| Lab Sample ID :         | J4353-12             | Instrumnet Name : | P8                  |
| Client Sample ID :      | 96-12-FL2-FRONT-RM-B | Dilution Factor : | 1                   |
| Date & Time Acquired :: | 2018-08-10 14:31:43  | DataFile Name :   | 044SMPL_P8081018-MS |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|-----------|------|---------|---------|---------|------------|---------|-------|
| Zirconium | 90-1 | 0.33    | 0.32    | 0.29    | 0.31       | 7.12    | ppb   |
| Zirconium | 91-1 | 0.30    | 0.31    | 0.27    | 0.29       | 7.20    | ppb   |

LB Number : LB97237 Operator : Jaswal  
 Lab Sample ID : J4353-13 Instrumnet Name : P8  
 Client Sample ID : 96-13-FL2-BACK-RM-BR Dilution Factor : 1  
 Date & Time Acquired :: 2018-08-10 14:35:03 DataFile Name : 045SMPL\_P8081018-MS

| Parameter  | Mass  | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|------------|-------|---------|---------|---------|------------|---------|-------|
| Aluminium  | 27-2  | 51.40   | 39.60   | 48.50   | 46.50      | 13.23   | ppb   |
| Antimony   | 121-1 | 0.33    | 0.30    | 0.31    | 0.32       | 5.01    | ppb   |
| Arsenic    | 75-2  | 0.27    | 0.44    | 0.21    | 0.31       | 40.63   | ppb   |
| Barium     | 135-1 | 16.21   | 16.06   | 15.81   | 16.03      | 1.25    | ppb   |
| Barium     | 137-1 | 16.00   | 16.59   | 16.36   | 16.32      | 1.83    | ppb   |
| Beryllium  | 9-1   | 0.07    | 0.02    | 0.04    | 0.04       | 54.31   | ppb   |
| Bismuth    | 209-1 |         |         |         | 119        |         | %     |
| Bismuth    | 209-2 |         |         |         | 113        |         | %     |
| Boron      | 10-1  | 11.08   | 12.17   | 10.53   | 11.26      | 7.39    | ppb   |
| Boron      | 11-1  | 11.74   | 11.32   | 11.57   | 11.54      | 1.85    | ppb   |
| Cadmium    | 111-1 | 0.06    | -0.07   | -0.03   | -0.01      |         | ppb   |
| Cadmium    | 106-1 | 0.65    | -1.14   | -0.66   | -0.38      |         | ppb   |
| Cadmium    | 108-1 | 0.07    | 0.07    | 0.10    | 0.08       | 22.28   | ppb   |
| Calcium    | 43-1  | 5364.32 | 5127.28 | 5373.20 | 5288.27    | 2.64    | ppb   |
| Calcium    | 44-1  | 5576.45 | 5307.30 | 5453.90 | 5445.88    | 2.47    | ppb   |
| Chromium   | 52-2  | 0.09    | 0.11    | 0.21    | 0.14       | 45.97   | ppb   |
| Cobalt     | 59-2  | 0.03    | 0.05    | 0.03    | 0.04       | 22.72   | ppb   |
| Copper     | 63-2  | 162.36  | 161.96  | 150.18  | 158.17     | 4.37    | ppb   |
| Dysprosium | 156-1 |         |         |         |            |         | 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 |         |         |         | 114        |         | %     |
| Indium     | 115-1 |         |         |         | 114        |         | %     |
| Indium     | 115-2 |         |         |         | 108        |         | %     |
| Iron       | 56-2  | 41.99   | 41.43   | 39.53   | 40.98      | 3.15    | ppb   |
| Iron       | 57-2  | 40.41   | 41.63   | 41.51   | 41.18      | 1.62    | ppb   |
| Krypton    | 83-1  |         |         |         |            |         | cps   |
| Lead       | 206-1 | 3.01    | 3.08    | 3.01    | 3.03       | 1.33    | ppb   |
| Lead       | 207-1 | 2.80    | 2.83    | 2.87    | 2.83       | 1.13    | ppb   |
| Lead       | 208-1 | 2.88    | 2.90    | 2.92    | 2.90       | 0.76    | ppb   |
| Lithium    | 6-1   |         |         |         | 114        |         | %     |
| Magnesium  | 24-2  | 1245.56 | 1219.58 | 1137.22 | 1200.79    | 4.71    | ppb   |

|                         |                      |                   |                     |
|-------------------------|----------------------|-------------------|---------------------|
| LB Number :             | LB97237              | Operator :        | Jaswal              |
| Lab Sample ID :         | J4353-13             | Instrumnet Name : | P8                  |
| Client Sample ID :      | 96-13-FL2-BACK-RM-BR | Dilution Factor : | 1                   |
| Date & Time Acquired :: | 2018-08-10 14:35:03  | DataFile Name :   | 045SMPL_P8081018-MS |

| Parameter  | Mass  | ConRep1  | ConRep2  | ConRep3  | Avg. Conc. | ConcRSD | Units |
|------------|-------|----------|----------|----------|------------|---------|-------|
| Manganese  | 55-2  | 13.21    | 12.80    | 11.58    | 12.53      | 6.73    | ppb   |
| Molybdenum | 94-1  | 0.42     | 0.36     | 0.34     | 0.37       | 10.83   | ppb   |
| Molybdenum | 95-1  | 0.10     | 0.09     | 0.07     | 0.09       | 17.06   | ppb   |
| Molybdenum | 96-1  | 0.12     | 0.15     | 0.14     | 0.14       | 11.56   | ppb   |
| Molybdenum | 97-1  | 0.12     | 0.05     | 0.11     | 0.09       | 40.31   | ppb   |
| Molybdenum | 98-1  | 0.13     | 0.11     | 0.15     | 0.13       | 14.01   | ppb   |
| Neodymium  | 150-1 |          |          |          |            |         | cps   |
| Neodymium  | 150-2 |          |          |          |            |         | cps   |
| Nickel     | 60-2  | 1.45     | 1.68     | 1.31     | 1.48       | 12.46   | ppb   |
| Phosphorus | 31-2  | 863.73   | 748.05   | 781.88   | 797.89     | 7.45    | ppb   |
| Potassium  | 39-2  | 555.54   | 536.57   | 456.97   | 516.36     | 10.13   | ppb   |
| Rhodium    | 103-1 |          |          |          | 113        |         | %     |
| Rhodium    | 103-2 |          |          |          | 110        |         | %     |
| Scandium   | 45-1  |          |          |          | 110        |         | %     |
| Scandium   | 45-2  |          |          |          | 101        |         | %     |
| Selenium   | 77-2  | 0.00     | 5.99     | 0.00     | 2.00       | 173.21  | ppb   |
| Selenium   | 78-2  | 2.87     | 0.00     | 0.91     | 1.26       | 116.52  | ppb   |
| Selenium   | 82-1  | 0.75     | -0.38    | 0.01     | 0.13       | 449.49  | ppb   |
| Silicon    | 28-1  | 877.23   | 834.08   | 867.16   | 859.49     | 2.63    | ppb   |
| Silver     | 109-1 | 0.08     | 0.09     | 0.08     | 0.08       | 5.43    | ppb   |
| Silver     | 107-1 | 0.07     | 0.10     | 0.08     | 0.08       | 15.94   | ppb   |
| Sodium     | 23-2  | 11758.93 | 11638.89 | 10846.90 | 11414.91   | 4.34    | ppb   |
| Strontium  | 86-1  | 18.67    | 18.54    | 19.03    | 18.75      | 1.36    | ppb   |
| Strontium  | 88-1  | 19.13    | 19.02    | 19.35    | 19.17      | 0.88    | ppb   |
| Sulfur     | 34-1  | -1267.87 | -1571.36 | -1190.05 | -1343.09   |         | ppb   |
| Terbium    | 159-1 |          |          |          | 117        |         | %     |
| Terbium    | 159-2 |          |          |          | 112        |         | %     |
| Thallium   | 203-1 | 0.02     | 0.02     | 0.02     | 0.02       | 14.14   | ppb   |
| Thallium   | 205-1 | 0.03     | 0.03     | 0.03     | 0.03       | 14.07   | ppb   |
| Tin        | 118-1 | 0.19     | 0.23     | 0.21     | 0.21       | 8.32    | ppb   |
| Titanium   | 47-1  | 0.37     | 0.36     | 0.40     | 0.38       | 5.19    | ppb   |
| Uranium    | 238-1 | 0.01     | 0.01     | 0.01     | 0.01       | 6.95    | ppb   |
| Vanadium   | 51-2  | 0.07     | 0.13     | 0.08     | 0.10       | 36.27   | ppb   |
| Yttrium    | 89-1  |          |          |          | 113        |         | %     |
| Yttrium    | 89-2  |          |          |          | 106        |         | %     |
| Zinc       | 66-2  | 34.61    | 34.36    | 32.72    | 33.90      | 3.04    | ppb   |



|                         |                      |                   |                     |
|-------------------------|----------------------|-------------------|---------------------|
| LB Number :             | LB97237              | Operator :        | Jaswal              |
| Lab Sample ID :         | J4353-13             | Instrumnet Name : | P8                  |
| Client Sample ID :      | 96-13-FL2-BACK-RM-BR | Dilution Factor : | 1                   |
| Date & Time Acquired :: | 2018-08-10 14:35:03  | DataFile Name :   | 045SMPL_P8081018-MS |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|-----------|------|---------|---------|---------|------------|---------|-------|
| Zirconium | 90-1 | 0.21    | 0.18    | 0.17    | 0.18       | 11.71   | ppb   |
| Zirconium | 91-1 | 0.24    | 0.16    | 0.19    | 0.20       | 22.91   | ppb   |

|                         |                      |                   |                     |
|-------------------------|----------------------|-------------------|---------------------|
| LB Number :             | LB97237              | Operator :        | Jaswal              |
| Lab Sample ID :         | J4353-14             | Instrumnet Name : | P8                  |
| Client Sample ID :      | 96-14-FL3-OUTSIDE-RM | Dilution Factor : | 1                   |
| Date & Time Acquired :: | 2018-08-10 14:38:24  | DataFile Name :   | 046SMPL_P8081018-MS |

| Parameter  | Mass  | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|------------|-------|---------|---------|---------|------------|---------|-------|
| Aluminium  | 27-2  | 12.09   | 15.46   | 17.20   | 14.92      | 17.44   | ppb   |
| Antimony   | 121-1 | 0.30    | 0.28    | 0.30    | 0.29       | 3.66    | ppb   |
| Arsenic    | 75-2  | 0.30    | 0.29    | 0.33    | 0.31       | 7.21    | ppb   |
| Barium     | 135-1 | 23.46   | 22.68   | 22.49   | 22.88      | 2.25    | ppb   |
| Barium     | 137-1 | 23.74   | 22.42   | 22.22   | 22.79      | 3.63    | ppb   |
| Beryllium  | 9-1   | 0.10    | -0.01   | 0.05    | 0.05       | 112.16  | ppb   |
| Bismuth    | 209-1 |         |         |         | 113        |         | %     |
| Bismuth    | 209-2 |         |         |         | 115        |         | %     |
| Boron      | 10-1  | 8.94    | 8.54    | 7.74    | 8.41       | 7.24    | ppb   |
| Boron      | 11-1  | 7.90    | 8.24    | 8.98    | 8.37       | 6.57    | ppb   |
| Cadmium    | 111-1 | -0.12   | 0.00    | 0.01    | -0.04      |         | ppb   |
| Cadmium    | 106-1 | -1.71   | -0.16   | 0.01    | -0.62      |         | ppb   |
| Cadmium    | 108-1 | 0.11    | 0.04    | 0.01    | 0.05       | 85.82   | ppb   |
| Calcium    | 43-1  | 7446.26 | 7376.07 | 7131.77 | 7318.03    | 2.26    | ppb   |
| Calcium    | 44-1  | 7622.24 | 7448.36 | 7228.92 | 7433.17    | 2.65    | ppb   |
| Chromium   | 52-2  | 1.69    | 1.63    | 1.91    | 1.74       | 8.24    | ppb   |
| Cobalt     | 59-2  | 0.09    | 0.07    | 0.07    | 0.08       | 13.82   | ppb   |
| Copper     | 63-2  | 2.99    | 3.00    | 3.07    | 3.02       | 1.50    | ppb   |
| Dysprosium | 156-1 |         |         |         |            |         | cps   |
| Dysprosium | 156-2 |         |         |         |            |         | cps   |
| Erbium     | 164-1 |         |         |         |            |         | cps   |
| Erbium     | 164-2 |         |         |         |            |         | cps   |
| Gadolinium | 160-1 |         |         |         |            |         | cps   |
| Gadolinium | 160-2 |         |         |         |            |         | cps   |
| Holmium    | 165-1 |         |         |         | 112        |         | %     |
| Holmium    | 165-2 |         |         |         | 114        |         | %     |
| Indium     | 115-1 |         |         |         | 110        |         | %     |
| Indium     | 115-2 |         |         |         | 107        |         | %     |
| Iron       | 56-2  | 11.91   | 12.31   | 11.56   | 11.93      | 3.14    | ppb   |
| Iron       | 57-2  | 15.96   | 17.54   | 17.84   | 17.12      | 5.89    | ppb   |
| Krypton    | 83-1  |         |         |         |            |         | cps   |
| Lead       | 206-1 | 0.16    | 0.13    | 0.13    | 0.14       | 11.41   | ppb   |
| Lead       | 207-1 | 0.11    | 0.13    | 0.13    | 0.12       | 8.27    | ppb   |
| Lead       | 208-1 | 0.12    | 0.12    | 0.13    | 0.12       | 3.66    | ppb   |
| Lithium    | 6-1   |         |         |         | 110        |         | %     |
| Magnesium  | 24-2  | 1820.58 | 1902.66 | 1904.01 | 1875.75    | 2.55    | ppb   |

|                         |                      |                   |                     |
|-------------------------|----------------------|-------------------|---------------------|
| LB Number :             | LB97237              | Operator :        | Jaswal              |
| Lab Sample ID :         | J4353-14             | Instrumnet Name : | P8                  |
| Client Sample ID :      | 96-14-FL3-OUTSIDE-RM | Dilution Factor : | 1                   |
| Date & Time Acquired :: | 2018-08-10 14:38:24  | DataFile Name :   | 046SMPL_P8081018-MS |

| Parameter  | Mass  | ConRep1  | ConRep2  | ConRep3  | Avg. Conc. | ConcRSD | Units |
|------------|-------|----------|----------|----------|------------|---------|-------|
| Manganese  | 55-2  | 31.97    | 34.21    | 33.63    | 33.27      | 3.49    | ppb   |
| Molybdenum | 94-1  | 0.28     | 0.23     | 0.20     | 0.24       | 16.33   | ppb   |
| Molybdenum | 95-1  | 0.10     | 0.05     | 0.07     | 0.07       | 30.06   | ppb   |
| Molybdenum | 96-1  | 0.12     | 0.11     | 0.10     | 0.11       | 9.14    | ppb   |
| Molybdenum | 97-1  | 0.07     | 0.07     | 0.04     | 0.06       | 27.74   | ppb   |
| Molybdenum | 98-1  | 0.09     | 0.08     | 0.09     | 0.09       | 5.30    | ppb   |
| Neodymium  | 150-1 |          |          |          |            |         | cps   |
| Neodymium  | 150-2 |          |          |          |            |         | cps   |
| Nickel     | 60-2  | 2.64     | 2.51     | 2.63     | 2.59       | 2.81    | ppb   |
| Phosphorus | 31-2  | 1103.07  | 1380.92  | 1047.12  | 1177.04    | 15.19   | ppb   |
| Potassium  | 39-2  | 769.96   | 822.04   | 792.14   | 794.71     | 3.29    | ppb   |
| Rhodium    | 103-1 |          |          |          | 107        |         | %     |
| Rhodium    | 103-2 |          |          |          | 109        |         | %     |
| Scandium   | 45-1  |          |          |          | 104        |         | %     |
| Scandium   | 45-2  |          |          |          | 102        |         | %     |
| Selenium   | 77-2  | 0.00     | 0.00     | 0.00     | 0.00       | N/A     | ppb   |
| Selenium   | 78-2  | 0.00     | 0.00     | 0.00     | 0.00       | N/A     | ppb   |
| Selenium   | 82-1  | 0.30     | 0.01     | -0.13    | 0.06       | 356.03  | ppb   |
| Silicon    | 28-1  | 3266.29  | 3249.80  | 3157.97  | 3224.69    | 1.81    | ppb   |
| Silver     | 109-1 | 0.06     | 0.06     | 0.07     | 0.06       | 5.56    | ppb   |
| Silver     | 107-1 | 0.07     | 0.06     | 0.07     | 0.07       | 6.83    | ppb   |
| Sodium     | 23-2  | 10674.27 | 10842.85 | 11042.47 | 10853.19   | 1.70    | ppb   |
| Strontium  | 86-1  | 29.03    | 27.20    | 27.56    | 27.93      | 3.46    | ppb   |
| Strontium  | 88-1  | 29.44    | 28.44    | 28.08    | 28.65      | 2.46    | ppb   |
| Sulfur     | 34-1  | -1024.51 | -1382.22 | -1578.39 | -1328.37   |         | ppb   |
| Terbium    | 159-1 |          |          |          | 112        |         | %     |
| Terbium    | 159-2 |          |          |          | 113        |         | %     |
| Thallium   | 203-1 | 0.01     | 0.02     | 0.02     | 0.02       | 14.74   | ppb   |
| Thallium   | 205-1 | 0.03     | 0.03     | 0.02     | 0.03       | 14.14   | ppb   |
| Tin        | 118-1 | 0.11     | 0.13     | 0.11     | 0.12       | 10.99   | ppb   |
| Titanium   | 47-1  | 0.46     | 0.56     | 0.55     | 0.53       | 10.49   | ppb   |
| Uranium    | 238-1 | 0.00     | 0.00     | 0.00     | 0.00       |         | ppb   |
| Vanadium   | 51-2  | 0.03     | 0.06     | 0.02     | 0.04       | 62.48   | ppb   |
| Yttrium    | 89-1  |          |          |          | 108        |         | %     |
| Yttrium    | 89-2  |          |          |          | 105        |         | %     |
| Zinc       | 66-2  | 21.60    | 23.29    | 23.69    | 22.86      | 4.85    | ppb   |

|                         |                      |                   |                     |
|-------------------------|----------------------|-------------------|---------------------|
| LB Number :             | LB97237              | Operator :        | Jaswal              |
| Lab Sample ID :         | J4353-14             | Instrumnet Name : | P8                  |
| Client Sample ID :      | 96-14-FL3-OUTSIDE-RM | Dilution Factor : | 1                   |
| Date & Time Acquired :: | 2018-08-10 14:38:24  | DataFile Name :   | 046SMPL_P8081018-MS |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|-----------|------|---------|---------|---------|------------|---------|-------|
| Zirconium | 90-1 | 0.16    | 0.13    | 0.13    | 0.14       | 14.17   | ppb   |
| Zirconium | 91-1 | 0.15    | 0.15    | 0.17    | 0.16       | 8.50    | ppb   |

LB Number : LB97237 Operator : Jaswal  
 Lab Sample ID : J4353-15 Instrumnet Name : P8  
 Client Sample ID : 96-15-FL3-INSIDE-RM-V Dilution Factor : 1  
 Date & Time Acquired :: 2018-08-10 14:41:44 DataFile Name : 047SMPL\_P8081018-MS

| Parameter  | Mass  | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|------------|-------|---------|---------|---------|------------|---------|-------|
| Aluminium  | 27-2  | 10.58   | 15.35   | 10.52   | 12.15      | 22.79   | ppb   |
| Antimony   | 121-1 | 0.25    | 0.23    | 0.28    | 0.25       | 8.94    | ppb   |
| Arsenic    | 75-2  | 0.64    | 0.36    | 0.38    | 0.46       | 33.99   | ppb   |
| Barium     | 135-1 | 19.68   | 19.69   | 20.94   | 20.11      | 3.61    | ppb   |
| Barium     | 137-1 | 19.85   | 20.03   | 21.42   | 20.43      | 4.22    | ppb   |
| Beryllium  | 9-1   | 0.04    | 0.06    | 0.06    | 0.05       | 27.38   | ppb   |
| Bismuth    | 209-1 |         |         |         | 115        |         | %     |
| Bismuth    | 209-2 |         |         |         | 113        |         | %     |
| Boron      | 10-1  | 9.24    | 10.34   | 11.31   | 10.30      | 10.06   | ppb   |
| Boron      | 11-1  | 9.93    | 9.61    | 10.18   | 9.91       | 2.90    | ppb   |
| Cadmium    | 111-1 | -0.03   | -0.04   | -0.03   | -0.03      |         | ppb   |
| Cadmium    | 106-1 | -0.43   | -0.56   | -0.50   | -0.50      |         | ppb   |
| Cadmium    | 108-1 | 0.04    | 0.04    | -0.01   | 0.02       | 134.73  | ppb   |
| Calcium    | 43-1  | 5220.60 | 5456.03 | 5744.14 | 5473.59    | 4.79    | ppb   |
| Calcium    | 44-1  | 5400.91 | 5573.45 | 5927.52 | 5633.96    | 4.77    | ppb   |
| Chromium   | 52-2  | 1.03    | 1.20    | 1.29    | 1.17       | 11.30   | ppb   |
| Cobalt     | 59-2  | 0.13    | 0.16    | 0.13    | 0.14       | 9.85    | ppb   |
| Copper     | 63-2  | 1.85    | 1.92    | 1.73    | 1.83       | 5.21    | 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 |         |         |         | 113        |         | %     |
| Holmium    | 165-2 |         |         |         | 112        |         | %     |
| Indium     | 115-1 |         |         |         | 110        |         | %     |
| Indium     | 115-2 |         |         |         | 106        |         | %     |
| Iron       | 56-2  | 10.69   | 12.46   | 12.67   | 11.94      | 9.11    | ppb   |
| Iron       | 57-2  | 15.07   | 11.90   | 9.52    | 12.16      | 22.90   | ppb   |
| Krypton    | 83-1  |         |         |         |            |         | cps   |
| Lead       | 206-1 | 0.08    | 0.08    | 0.09    | 0.08       | 8.84    | ppb   |
| Lead       | 207-1 | 0.08    | 0.06    | 0.08    | 0.07       | 13.66   | ppb   |
| Lead       | 208-1 | 0.07    | 0.07    | 0.08    | 0.08       | 8.62    | ppb   |
| Lithium    | 6-1   |         |         |         | 110        |         | %     |
| Magnesium  | 24-2  | 1359.00 | 1326.15 | 1422.80 | 1369.31    | 3.59    | ppb   |

|                         |                       |                   |                     |
|-------------------------|-----------------------|-------------------|---------------------|
| LB Number :             | LB97237               | Operator :        | Jaswal              |
| Lab Sample ID :         | J4353-15              | Instrumnet Name : | P8                  |
| Client Sample ID :      | 96-15-FL3-INSIDE-RM-V | Dilution Factor : | 1                   |
| Date & Time Acquired :: | 2018-08-10 14:41:44   | DataFile Name :   | 047SMPL_P8081018-MS |

| Parameter  | Mass  | ConRep1  | ConRep2  | ConRep3  | Avg. Conc. | ConcRSD | Units |
|------------|-------|----------|----------|----------|------------|---------|-------|
| Manganese  | 55-2  | 35.69    | 36.79    | 38.27    | 36.92      | 3.50    | ppb   |
| Molybdenum | 94-1  | 0.19     | 0.10     | 0.16     | 0.15       | 31.17   | ppb   |
| Molybdenum | 95-1  | 0.02     | 0.07     | 0.03     | 0.04       | 59.47   | ppb   |
| Molybdenum | 96-1  | 0.06     | 0.07     | 0.04     | 0.06       | 27.74   | ppb   |
| Molybdenum | 97-1  | 0.04     | 0.05     | 0.08     | 0.06       | 38.81   | ppb   |
| Molybdenum | 98-1  | 0.07     | 0.04     | 0.08     | 0.06       | 33.91   | ppb   |
| Neodymium  | 150-1 |          |          |          |            |         | cps   |
| Neodymium  | 150-2 |          |          |          |            |         | cps   |
| Nickel     | 60-2  | 1.42     | 1.51     | 1.68     | 1.54       | 8.68    | ppb   |
| Phosphorus | 31-2  | 924.57   | 807.66   | 1070.63  | 934.29     | 14.10   | ppb   |
| Potassium  | 39-2  | 560.04   | 607.68   | 612.26   | 593.32     | 4.87    | ppb   |
| Rhodium    | 103-1 |          |          |          | 108        |         | %     |
| Rhodium    | 103-2 |          |          |          | 108        |         | %     |
| Scandium   | 45-1  |          |          |          | 104        |         | %     |
| Scandium   | 45-2  |          |          |          | 99         |         | %     |
| Selenium   | 77-2  | 0.00     | 0.00     | 0.00     | 0.00       | N/A     | ppb   |
| Selenium   | 78-2  | 0.95     | 0.00     | 0.00     | 0.32       | 173.21  | ppb   |
| Selenium   | 82-1  | 0.41     | -0.31    | -0.09    | 0.00       | 7538.90 | ppb   |
| Silicon    | 28-1  | 1590.84  | 1601.19  | 1736.38  | 1642.80    | 4.94    | ppb   |
| Silver     | 109-1 | 0.05     | 0.07     | 0.07     | 0.06       | 18.93   | ppb   |
| Silver     | 107-1 | 0.05     | 0.06     | 0.07     | 0.06       | 18.19   | ppb   |
| Sodium     | 23-2  | 10980.01 | 11217.72 | 11309.89 | 11169.20   | 1.52    | ppb   |
| Strontium  | 86-1  | 21.25    | 21.37    | 21.68    | 21.44      | 1.03    | ppb   |
| Strontium  | 88-1  | 21.15    | 21.40    | 22.67    | 21.74      | 3.74    | ppb   |
| Sulfur     | 34-1  | -2246.91 | -1932.68 | -1256.16 | -1811.92   |         | ppb   |
| Terbium    | 159-1 |          |          |          | 113        |         | %     |
| Terbium    | 159-2 |          |          |          | 112        |         | %     |
| Thallium   | 203-1 | 0.01     | 0.02     | 0.01     | 0.01       | 35.80   | ppb   |
| Thallium   | 205-1 | 0.02     | 0.02     | 0.02     | 0.02       | 9.46    | ppb   |
| Tin        | 118-1 | 0.07     | 0.02     | 0.04     | 0.04       | 51.19   | ppb   |
| Titanium   | 47-1  | 0.75     | 0.68     | 0.59     | 0.67       | 12.27   | ppb   |
| Uranium    | 238-1 | 0.00     | 0.00     | 0.00     | 0.00       |         | ppb   |
| Vanadium   | 51-2  | 0.05     | 0.12     | 0.06     | 0.08       | 42.61   | ppb   |
| Yttrium    | 89-1  |          |          |          | 108        |         | %     |
| Yttrium    | 89-2  |          |          |          | 104        |         | %     |
| Zinc       | 66-2  | 17.25    | 18.37    | 18.04    | 17.89      | 3.22    | ppb   |

|                         |                       |                   |                     |
|-------------------------|-----------------------|-------------------|---------------------|
| LB Number :             | LB97237               | Operator :        | Jaswal              |
| Lab Sample ID :         | J4353-15              | Instrumnet Name : | P8                  |
| Client Sample ID :      | 96-15-FL3-INSIDE-RM-V | Dilution Factor : | 1                   |
| Date & Time Acquired :: | 2018-08-10 14:41:44   | DataFile Name :   | 047SMPL_P8081018-MS |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|-----------|------|---------|---------|---------|------------|---------|-------|
| Zirconium | 90-1 | 0.09    | 0.09    | 0.09    | 0.09       | 4.38    | ppb   |
| Zirconium | 91-1 | 0.12    | 0.11    | 0.11    | 0.11       | 3.64    | ppb   |

LB Number : LB97237 Operator : Jaswal  
 Lab Sample ID : J4353-16 Instrumnet Name : P8  
 Client Sample ID : 96-16-FL4-HALLWAY-WC Dilution Factor : 1  
 Date & Time Acquired :: 2018-08-10 14:45:05 DataFile Name : 048SMPL\_P8081018-MS

| Parameter  | Mass  | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|------------|-------|---------|---------|---------|------------|---------|-------|
| Aluminium  | 27-2  | 11.60   | 15.69   | 9.01    | 12.10      | 27.81   | ppb   |
| Antimony   | 121-1 | 0.22    | 0.23    | 0.25    | 0.23       | 7.63    | ppb   |
| Arsenic    | 75-2  | 0.54    | 0.45    | 0.56    | 0.52       | 10.56   | ppb   |
| Barium     | 135-1 | 16.63   | 15.69   | 15.49   | 15.93      | 3.83    | ppb   |
| Barium     | 137-1 | 17.11   | 16.22   | 16.04   | 16.46      | 3.50    | ppb   |
| Beryllium  | 9-1   | 0.03    | 0.01    | 0.04    | 0.03       | 74.43   | ppb   |
| Bismuth    | 209-1 |         |         |         | 115        |         | %     |
| Bismuth    | 209-2 |         |         |         | 111        |         | %     |
| Boron      | 10-1  | 6.10    | 8.19    | 7.69    | 7.33       | 14.89   | ppb   |
| Boron      | 11-1  | 8.20    | 8.02    | 7.68    | 7.96       | 3.33    | ppb   |
| Cadmium    | 111-1 | -0.02   | -0.06   | -0.04   | -0.04      |         | ppb   |
| Cadmium    | 106-1 | -0.21   | -0.94   | -0.61   | -0.59      |         | ppb   |
| Cadmium    | 108-1 | 0.05    | 0.04    | -0.04   | 0.01       | 345.01  | ppb   |
| Calcium    | 43-1  | 6005.95 | 5650.70 | 5456.69 | 5704.45    | 4.88    | ppb   |
| Calcium    | 44-1  | 6186.87 | 5791.19 | 5634.25 | 5870.77    | 4.85    | ppb   |
| Chromium   | 52-2  | 1.04    | 1.11    | 1.17    | 1.11       | 5.58    | ppb   |
| Cobalt     | 59-2  | 0.01    | 0.01    | 0.01    | 0.01       | 2.37    | ppb   |
| Copper     | 63-2  | 3.90    | 3.71    | 4.01    | 3.87       | 3.97    | ppb   |
| Dysprosium | 156-1 |         |         |         |            |         | cps   |
| Dysprosium | 156-2 |         |         |         |            |         | cps   |
| Erbium     | 164-1 |         |         |         |            |         | cps   |
| Erbium     | 164-2 |         |         |         |            |         | cps   |
| Gadolinium | 160-1 |         |         |         |            |         | cps   |
| Gadolinium | 160-2 |         |         |         |            |         | cps   |
| Holmium    | 165-1 |         |         |         | 113        |         | %     |
| Holmium    | 165-2 |         |         |         | 111        |         | %     |
| Indium     | 115-1 |         |         |         | 111        |         | %     |
| Indium     | 115-2 |         |         |         | 104        |         | %     |
| Iron       | 56-2  | 12.12   | 13.04   | 13.21   | 12.79      | 4.61    | ppb   |
| Iron       | 57-2  | 12.63   | 15.29   | 10.05   | 12.66      | 20.70   | ppb   |
| Krypton    | 83-1  |         |         |         |            |         | cps   |
| Lead       | 206-1 | 0.11    | 0.08    | 0.10    | 0.09       | 17.54   | ppb   |
| Lead       | 207-1 | 0.07    | 0.08    | 0.05    | 0.07       | 28.18   | ppb   |
| Lead       | 208-1 | 0.09    | 0.08    | 0.07    | 0.08       | 9.34    | ppb   |
| Lithium    | 6-1   |         |         |         | 108        |         | %     |
| Magnesium  | 24-2  | 1312.67 | 1345.83 | 1312.65 | 1323.72    | 1.45    | ppb   |



|                         |                      |                   |                     |
|-------------------------|----------------------|-------------------|---------------------|
| LB Number :             | LB97237              | Operator :        | Jaswal              |
| Lab Sample ID :         | J4353-16             | Instrumnet Name : | P8                  |
| Client Sample ID :      | 96-16-FL4-HALLWAY-WC | Dilution Factor : | 1                   |
| Date & Time Acquired :: | 2018-08-10 14:45:05  | DataFile Name :   | 048SMPL_P8081018-MS |

| Parameter  | Mass  | ConRep1  | ConRep2  | ConRep3  | Avg. Conc. | ConcRSD | Units |
|------------|-------|----------|----------|----------|------------|---------|-------|
| Manganese  | 55-2  | 25.94    | 26.32    | 26.20    | 26.15      | 0.74    | ppb   |
| Molybdenum | 94-1  | 0.18     | 0.15     | 0.13     | 0.15       | 18.99   | ppb   |
| Molybdenum | 95-1  | 0.01     | 0.04     | 0.02     | 0.02       | 44.18   | ppb   |
| Molybdenum | 96-1  | 0.05     | 0.04     | 0.05     | 0.05       | 8.95    | ppb   |
| Molybdenum | 97-1  | 0.04     | 0.02     | 0.06     | 0.04       | 46.54   | ppb   |
| Molybdenum | 98-1  | 0.08     | 0.07     | 0.04     | 0.06       | 30.04   | ppb   |
| Neodymium  | 150-1 |          |          |          |            |         | cps   |
| Neodymium  | 150-2 |          |          |          |            |         | cps   |
| Nickel     | 60-2  | 2.80     | 2.66     | 2.66     | 2.71       | 3.05    | ppb   |
| Phosphorus | 31-2  | 1494.38  | 1806.20  | 1965.80  | 1755.46    | 13.66   | ppb   |
| Potassium  | 39-2  | 568.62   | 612.95   | 653.16   | 611.58     | 6.91    | ppb   |
| Rhodium    | 103-1 |          |          |          | 109        |         | %     |
| Rhodium    | 103-2 |          |          |          | 106        |         | %     |
| Scandium   | 45-1  |          |          |          | 104        |         | %     |
| Scandium   | 45-2  |          |          |          | 98         |         | %     |
| Selenium   | 77-2  | 0.00     | 0.00     | 6.21     | 2.07       | 173.21  | ppb   |
| Selenium   | 78-2  | 0.96     | 0.00     | 0.99     | 0.65       | 86.64   | ppb   |
| Selenium   | 82-1  | 0.11     | -0.28    | 0.30     | 0.04       | 683.80  | ppb   |
| Silicon    | 28-1  | 1858.13  | 1759.78  | 1715.60  | 1777.84    | 4.10    | ppb   |
| Silver     | 109-1 | 0.04     | 0.04     | 0.05     | 0.05       | 16.20   | ppb   |
| Silver     | 107-1 | 0.06     | 0.05     | 0.05     | 0.05       | 16.15   | ppb   |
| Sodium     | 23-2  | 10773.52 | 11078.35 | 11033.68 | 10961.85   | 1.50    | ppb   |
| Strontium  | 86-1  | 21.82    | 21.11    | 20.54    | 21.15      | 3.03    | ppb   |
| Strontium  | 88-1  | 22.54    | 21.26    | 20.94    | 21.58      | 3.92    | ppb   |
| Sulfur     | 34-1  | -490.07  | -1151.41 | -1349.70 | -997.06    |         | ppb   |
| Terbium    | 159-1 |          |          |          | 114        |         | %     |
| Terbium    | 159-2 |          |          |          | 110        |         | %     |
| Thallium   | 203-1 | 0.00     | 0.01     | 0.01     | 0.01       | 57.36   | ppb   |
| Thallium   | 205-1 | 0.02     | 0.02     | 0.02     | 0.02       | 0.95    | ppb   |
| Tin        | 118-1 | 0.07     | 0.09     | 0.04     | 0.06       | 40.17   | ppb   |
| Titanium   | 47-1  | 0.70     | 0.58     | 0.48     | 0.59       | 18.66   | ppb   |
| Uranium    | 238-1 | 0.00     | 0.00     | 0.00     | 0.00       | 493.39  | ppb   |
| Vanadium   | 51-2  | 0.09     | 0.04     | 0.05     | 0.06       | 39.21   | ppb   |
| Yttrium    | 89-1  |          |          |          | 109        |         | %     |
| Yttrium    | 89-2  |          |          |          | 102        |         | %     |
| Zinc       | 66-2  | 20.41    | 17.16    | 17.97    | 18.51      | 9.13    | ppb   |

|                         |                      |                   |                     |
|-------------------------|----------------------|-------------------|---------------------|
| LB Number :             | LB97237              | Operator :        | Jaswal              |
| Lab Sample ID :         | J4353-16             | Instrumnet Name : | P8                  |
| Client Sample ID :      | 96-16-FL4-HALLWAY-WC | Dilution Factor : | 1                   |
| Date & Time Acquired :: | 2018-08-10 14:45:05  | DataFile Name :   | 048SMPL_P8081018-MS |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|-----------|------|---------|---------|---------|------------|---------|-------|
| Zirconium | 90-1 | 0.07    | 0.08    | 0.08    | 0.08       | 4.33    | ppb   |
| Zirconium | 91-1 | 0.09    | 0.08    | 0.05    | 0.08       | 24.83   | ppb   |

|                         |                      |                   |                     |
|-------------------------|----------------------|-------------------|---------------------|
| LB Number :             | LB97237              | Operator :        | Jaswal              |
| Lab Sample ID :         | J4353-17             | Instrumnet Name : | P8                  |
| Client Sample ID :      | 96-17-FL5-BACK-RM-WC | Dilution Factor : | 1                   |
| Date & Time Acquired :: | 2018-08-10 14:48:25  | DataFile Name :   | 049SMPL_P8081018-MS |

| Parameter  | Mass  | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|------------|-------|---------|---------|---------|------------|---------|-------|
| Aluminium  | 27-2  | 19.21   | 15.09   | 15.95   | 16.75      | 12.99   | ppb   |
| Antimony   | 121-1 | 0.24    | 0.24    | 0.26    | 0.25       | 5.49    | ppb   |
| Arsenic    | 75-2  | 0.80    | 1.04    | 0.86    | 0.90       | 14.05   | ppb   |
| Barium     | 135-1 | 26.63   | 27.89   | 25.90   | 26.81      | 3.76    | ppb   |
| Barium     | 137-1 | 26.66   | 27.98   | 26.47   | 27.04      | 3.04    | ppb   |
| Beryllium  | 9-1   | 0.01    | 0.07    | 0.00    | 0.03       | 138.86  | ppb   |
| Bismuth    | 209-1 |         |         |         | 111        |         | %     |
| Bismuth    | 209-2 |         |         |         | 113        |         | %     |
| Boron      | 10-1  | 15.50   | 17.04   | 15.14   | 15.90      | 6.35    | ppb   |
| Boron      | 11-1  | 15.15   | 17.23   | 16.66   | 16.35      | 6.56    | ppb   |
| Cadmium    | 111-1 | 0.01    | -0.13   | -0.02   | -0.05      |         | ppb   |
| Cadmium    | 106-1 | -0.04   | -2.00   | -0.35   | -0.80      |         | ppb   |
| Cadmium    | 108-1 | 0.05    | -0.01   | 0.02    | 0.02       | 177.77  | ppb   |
| Calcium    | 43-1  | 7018.39 | 7449.72 | 6966.08 | 7144.73    | 3.71    | ppb   |
| Calcium    | 44-1  | 7147.71 | 7581.91 | 7223.09 | 7317.57    | 3.17    | ppb   |
| Chromium   | 52-2  | 0.60    | 0.74    | 0.94    | 0.76       | 22.40   | ppb   |
| Cobalt     | 59-2  | 0.02    | 0.02    | 0.02    | 0.02       | 6.15    | ppb   |
| Copper     | 63-2  | 3.46    | 2.92    | 3.74    | 3.37       | 12.34   | ppb   |
| Dysprosium | 156-1 |         |         |         |            |         | cps   |
| Dysprosium | 156-2 |         |         |         |            |         | cps   |
| Erbium     | 164-1 |         |         |         |            |         | cps   |
| Erbium     | 164-2 |         |         |         |            |         | cps   |
| Gadolinium | 160-1 |         |         |         |            |         | cps   |
| Gadolinium | 160-2 |         |         |         |            |         | cps   |
| Holmium    | 165-1 |         |         |         | 109        |         | %     |
| Holmium    | 165-2 |         |         |         | 111        |         | %     |
| Indium     | 115-1 |         |         |         | 106        |         | %     |
| Indium     | 115-2 |         |         |         | 104        |         | %     |
| Iron       | 56-2  | 12.91   | 13.15   | 14.49   | 13.52      | 6.29    | ppb   |
| Iron       | 57-2  | 14.74   | 14.68   | 13.98   | 14.47      | 2.91    | ppb   |
| Krypton    | 83-1  |         |         |         |            |         | cps   |
| Lead       | 206-1 | 0.31    | 0.35    | 0.28    | 0.32       | 10.98   | ppb   |
| Lead       | 207-1 | 0.28    | 0.30    | 0.28    | 0.29       | 4.95    | ppb   |
| Lead       | 208-1 | 0.29    | 0.31    | 0.29    | 0.30       | 5.13    | ppb   |
| Lithium    | 6-1   |         |         |         | 105        |         | %     |
| Magnesium  | 24-2  | 1574.54 | 1502.47 | 1627.36 | 1568.12    | 4.00    | ppb   |

|                         |                      |                   |                     |
|-------------------------|----------------------|-------------------|---------------------|
| LB Number :             | LB97237              | Operator :        | Jaswal              |
| Lab Sample ID :         | J4353-17             | Instrumnet Name : | P8                  |
| Client Sample ID :      | 96-17-FL5-BACK-RM-WC | Dilution Factor : | 1                   |
| Date & Time Acquired :: | 2018-08-10 14:48:25  | DataFile Name :   | 049SMPL_P8081018-MS |

| Parameter  | Mass  | ConRep1  | ConRep2 | ConRep3  | Avg. Conc. | ConcRSD | Units |
|------------|-------|----------|---------|----------|------------|---------|-------|
| Manganese  | 55-2  | 41.21    | 37.39   | 41.15    | 39.92      | 5.49    | ppb   |
| Molybdenum | 94-1  | 0.14     | 0.18    | 0.14     | 0.15       | 14.18   | ppb   |
| Molybdenum | 95-1  | 0.04     | 0.04    | 0.02     | 0.03       | 25.85   | ppb   |
| Molybdenum | 96-1  | 0.05     | 0.04    | 0.06     | 0.05       | 11.72   | ppb   |
| Molybdenum | 97-1  | 0.06     | 0.08    | 0.05     | 0.06       | 22.35   | ppb   |
| Molybdenum | 98-1  | 0.06     | 0.09    | 0.06     | 0.07       | 21.85   | ppb   |
| Neodymium  | 150-1 |          |         |          |            |         | cps   |
| Neodymium  | 150-2 |          |         |          |            |         | cps   |
| Nickel     | 60-2  | 1.51     | 1.29    | 1.26     | 1.35       | 9.90    | ppb   |
| Phosphorus | 31-2  | 2558.85  | 1929.68 | 2033.82  | 2174.12    | 15.51   | ppb   |
| Potassium  | 39-2  | 792.92   | 660.07  | 822.45   | 758.48     | 11.40   | ppb   |
| Rhodium    | 103-1 |          |         |          | 104        |         | %     |
| Rhodium    | 103-2 |          |         |          | 107        |         | %     |
| Scandium   | 45-1  |          |         |          | 99         |         | %     |
| Scandium   | 45-2  |          |         |          | 99         |         | %     |
| Selenium   | 77-2  | 0.00     | 0.00    | 0.00     | 0.00       | N/A     | ppb   |
| Selenium   | 78-2  | 0.98     | 0.00    | 1.00     | 0.66       | 86.62   | ppb   |
| Selenium   | 82-1  | 0.15     | -0.32   | 0.49     | 0.11       | 379.15  | ppb   |
| Silicon    | 28-1  | 3500.80  | 3700.12 | 3481.74  | 3560.89    | 3.40    | ppb   |
| Silver     | 109-1 | 0.59     | 0.66    | 0.59     | 0.62       | 6.51    | ppb   |
| Silver     | 107-1 | 0.61     | 0.63    | 0.58     | 0.60       | 4.09    | ppb   |
| Sodium     | 23-2  | 10197.10 | 9493.37 | 10308.54 | 9999.67    | 4.42    | ppb   |
| Strontium  | 86-1  | 31.00    | 31.74   | 30.39    | 31.05      | 2.17    | ppb   |
| Strontium  | 88-1  | 31.32    | 32.62   | 30.86    | 31.60      | 2.90    | ppb   |
| Sulfur     | 34-1  | -64.75   | 772.53  | 10.54    | 239.44     | 193.45  | ppb   |
| Terbium    | 159-1 |          |         |          | 109        |         | %     |
| Terbium    | 159-2 |          |         |          | 111        |         | %     |
| Thallium   | 203-1 | 0.00     | 0.01    | 0.00     | 0.00       | 76.12   | ppb   |
| Thallium   | 205-1 | 0.01     | 0.02    | 0.01     | 0.01       | 25.12   | ppb   |
| Tin        | 118-1 | 0.01     | 0.07    | 0.03     | 0.04       | 93.48   | ppb   |
| Titanium   | 47-1  | 1.02     | 0.99    | 0.94     | 0.98       | 4.20    | ppb   |
| Uranium    | 238-1 | 0.00     | 0.00    | 0.00     | 0.00       |         | ppb   |
| Vanadium   | 51-2  | 0.04     | 0.00    | 0.02     | 0.02       | 90.77   | ppb   |
| Yttrium    | 89-1  |          |         |          | 104        |         | %     |
| Yttrium    | 89-2  |          |         |          | 102        |         | %     |
| Zinc       | 66-2  | 48.74    | 43.79   | 52.01    | 48.18      | 8.59    | ppb   |

|                         |                      |                   |                     |
|-------------------------|----------------------|-------------------|---------------------|
| LB Number :             | LB97237              | Operator :        | Jaswal              |
| Lab Sample ID :         | J4353-17             | Instrumnet Name : | P8                  |
| Client Sample ID :      | 96-17-FL5-BACK-RM-WC | Dilution Factor : | 1                   |
| Date & Time Acquired :: | 2018-08-10 14:48:25  | DataFile Name :   | 049SMPL_P8081018-MS |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|-----------|------|---------|---------|---------|------------|---------|-------|
| Zirconium | 90-1 | 0.08    | 0.07    | 0.06    | 0.07       | 11.46   | ppb   |
| Zirconium | 91-1 | 0.07    | 0.05    | 0.10    | 0.08       | 30.12   | ppb   |

LB Number : LB97237 Operator : Jaswal  
 Lab Sample ID : J4353-18 Instrumnet Name : P8  
 Client Sample ID : 96-18-FL6-HALLWAY-WC Dilution Factor : 1  
 Date & Time Acquired :: 2018-08-10 14:51:45 DataFile Name : 050SMPL\_P8081018-MS

| Parameter  | Mass  | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|------------|-------|---------|---------|---------|------------|---------|-------|
| Aluminium  | 27-2  | 11.90   | 13.61   | 4.57    | 10.03      | 47.91   | ppb   |
| Antimony   | 121-1 | 0.24    | 0.27    | 0.26    | 0.26       | 7.41    | ppb   |
| Arsenic    | 75-2  | 0.74    | 0.78    | 0.82    | 0.78       | 5.14    | ppb   |
| Barium     | 135-1 | 23.37   | 21.99   | 22.88   | 22.75      | 3.06    | ppb   |
| Barium     | 137-1 | 22.77   | 22.49   | 22.23   | 22.50      | 1.21    | ppb   |
| Beryllium  | 9-1   | 0.06    | 0.02    | 0.02    | 0.03       | 78.86   | ppb   |
| Bismuth    | 209-1 |         |         |         | 117        |         | %     |
| Bismuth    | 209-2 |         |         |         | 111        |         | %     |
| Boron      | 10-1  | 8.87    | 8.59    | 8.32    | 8.59       | 3.24    | ppb   |
| Boron      | 11-1  | 8.44    | 8.35    | 8.94    | 8.57       | 3.72    | ppb   |
| Cadmium    | 111-1 | -0.15   | -0.04   | -0.06   | -0.08      |         | ppb   |
| Cadmium    | 106-1 | -1.99   | -0.47   | -0.86   | -1.11      |         | ppb   |
| Cadmium    | 108-1 | 0.04    | 0.07    | -0.01   | 0.03       | 133.62  | ppb   |
| Calcium    | 43-1  | 7102.52 | 7083.62 | 7148.34 | 7111.49    | 0.47    | ppb   |
| Calcium    | 44-1  | 7130.51 | 7196.17 | 7320.22 | 7215.63    | 1.34    | ppb   |
| Chromium   | 52-2  | 0.76    | 0.53    | 0.57    | 0.62       | 20.35   | ppb   |
| Cobalt     | 59-2  | 0.56    | 0.48    | 0.52    | 0.52       | 7.71    | ppb   |
| Copper     | 63-2  | 9.01    | 9.00    | 9.42    | 9.14       | 2.58    | 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 |         |         |         | 114        |         | %     |
| Holmium    | 165-2 |         |         |         | 110        |         | %     |
| Indium     | 115-1 |         |         |         | 111        |         | %     |
| Indium     | 115-2 |         |         |         | 103        |         | %     |
| Iron       | 56-2  | 7.62    | 7.08    | 7.60    | 7.43       | 4.16    | ppb   |
| Iron       | 57-2  | 7.73    | 8.53    | 11.88   | 9.38       | 23.49   | ppb   |
| Krypton    | 83-1  |         |         |         |            |         | cps   |
| Lead       | 206-1 | 0.03    | 0.02    | 0.03    | 0.03       | 20.25   | ppb   |
| Lead       | 207-1 | 0.04    | 0.03    | 0.05    | 0.04       | 29.41   | ppb   |
| Lead       | 208-1 | 0.04    | 0.04    | 0.04    | 0.04       | 2.24    | ppb   |
| Lithium    | 6-1   |         |         |         | 109        |         | %     |
| Magnesium  | 24-2  | 1700.05 | 1678.75 | 1689.22 | 1689.34    | 0.63    | ppb   |

LB Number : LB97237 Operator : Jaswal  
 Lab Sample ID : J4353-18 Instrumnet Name : P8  
 Client Sample ID : 96-18-FL6-HALLWAY-WC Dilution Factor : 1  
 Date & Time Acquired :: 2018-08-10 14:51:45 DataFile Name : 050SMPL\_P8081018-MS

| Parameter  | Mass  | ConRep1  | ConRep2  | ConRep3  | Avg. Conc. | ConcRSD | Units |
|------------|-------|----------|----------|----------|------------|---------|-------|
| Manganese  | 55-2  | 243.54   | 237.98   | 241.74   | 241.09     | 1.18    | ppb   |
| Molybdenum | 94-1  | 0.01     | 0.07     | 0.07     | 0.05       | 67.21   | ppb   |
| Molybdenum | 95-1  | 0.03     | 0.02     | 0.02     | 0.02       | 21.67   | ppb   |
| Molybdenum | 96-1  | 0.03     | 0.03     | 0.05     | 0.03       | 28.46   | ppb   |
| Molybdenum | 97-1  | 0.01     | 0.04     | 0.02     | 0.02       | 56.73   | ppb   |
| Molybdenum | 98-1  | 0.04     | 0.05     | 0.05     | 0.04       | 8.81    | ppb   |
| Neodymium  | 150-1 |          |          |          |            |         | cps   |
| Neodymium  | 150-2 |          |          |          |            |         | cps   |
| Nickel     | 60-2  | 2.85     | 2.75     | 2.61     | 2.74       | 4.35    | ppb   |
| Phosphorus | 31-2  | 2993.21  | 2418.33  | 2091.66  | 2501.07    | 18.25   | ppb   |
| Potassium  | 39-2  | 950.15   | 836.39   | 883.95   | 890.16     | 6.42    | ppb   |
| Rhodium    | 103-1 |          |          |          | 108        |         | %     |
| Rhodium    | 103-2 |          |          |          | 106        |         | %     |
| Scandium   | 45-1  |          |          |          | 104        |         | %     |
| Scandium   | 45-2  |          |          |          | 96         |         | %     |
| Selenium   | 77-2  | 6.18     | 0.00     | 0.00     | 2.06       | 173.21  | ppb   |
| Selenium   | 78-2  | 0.00     | 0.00     | 1.99     | 0.66       | 173.21  | ppb   |
| Selenium   | 82-1  | -0.65    | 0.27     | 0.29     | -0.03      |         | ppb   |
| Silicon    | 28-1  | 3514.14  | 3545.04  | 3601.90  | 3553.70    | 1.25    | ppb   |
| Silver     | 109-1 | 0.05     | 0.05     | 0.05     | 0.05       | 5.00    | ppb   |
| Silver     | 107-1 | 0.04     | 0.04     | 0.05     | 0.04       | 14.99   | ppb   |
| Sodium     | 23-2  | 11191.33 | 10798.35 | 11023.26 | 11004.31   | 1.79    | ppb   |
| Strontium  | 86-1  | 26.93    | 26.77    | 27.51    | 27.07      | 1.44    | ppb   |
| Strontium  | 88-1  | 27.64    | 27.73    | 27.82    | 27.73      | 0.32    | ppb   |
| Sulfur     | 34-1  | -1368.92 | -1236.16 | -1093.88 | -1232.99   |         | ppb   |
| Terbium    | 159-1 |          |          |          | 115        |         | %     |
| Terbium    | 159-2 |          |          |          | 110        |         | %     |
| Thallium   | 203-1 | 0.01     | 0.00     | 0.01     | 0.00       | 189.87  | ppb   |
| Thallium   | 205-1 | 0.01     | 0.01     | 0.01     | 0.01       | 6.39    | ppb   |
| Tin        | 118-1 | 0.00     | 0.04     | 0.01     | 0.02       | 142.40  | ppb   |
| Titanium   | 47-1  | 0.91     | 0.70     | 0.93     | 0.85       | 15.32   | ppb   |
| Uranium    | 238-1 | 0.00     | 0.00     | 0.00     | 0.00       |         | ppb   |
| Vanadium   | 51-2  | 0.07     | 0.03     | 0.06     | 0.05       | 36.92   | ppb   |
| Yttrium    | 89-1  |          |          |          | 109        |         | %     |
| Yttrium    | 89-2  |          |          |          | 100        |         | %     |
| Zinc       | 66-2  | 36.76    | 36.27    | 38.19    | 37.07      | 2.69    | ppb   |

|                         |                      |                   |                     |
|-------------------------|----------------------|-------------------|---------------------|
| LB Number :             | LB97237              | Operator :        | Jaswal              |
| Lab Sample ID :         | J4353-18             | Instrumnet Name : | P8                  |
| Client Sample ID :      | 96-18-FL6-HALLWAY-WC | Dilution Factor : | 1                   |
| Date & Time Acquired :: | 2018-08-10 14:51:45  | DataFile Name :   | 050SMPL_P8081018-MS |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|-----------|------|---------|---------|---------|------------|---------|-------|
| Zirconium | 90-1 | 0.06    | 0.06    | 0.05    | 0.05       | 12.38   | ppb   |
| Zirconium | 91-1 | 0.04    | 0.08    | 0.04    | 0.05       | 35.14   | ppb   |



LB Number : LB97237 Operator : Jaswal  
 Lab Sample ID : J4353-19 Instrumnet Name : P8  
 Client Sample ID : 96-19-FL7-HALLWAY-WC Dilution Factor : 1  
 Date & Time Acquired :: 2018-08-10 14:55:05 DataFile Name : 051SMPL\_P8081018-MS

| Parameter  | Mass  | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|------------|-------|---------|---------|---------|------------|---------|-------|
| Aluminium  | 27-2  | 13.60   | 10.46   | 13.41   | 12.49      | 14.09   | ppb   |
| Antimony   | 121-1 | 0.21    | 0.18    | 0.22    | 0.20       | 9.51    | ppb   |
| Arsenic    | 75-2  | 0.39    | 0.37    | 0.40    | 0.39       | 4.26    | ppb   |
| Barium     | 135-1 | 28.58   | 28.60   | 28.50   | 28.56      | 0.20    | ppb   |
| Barium     | 137-1 | 28.01   | 28.75   | 28.88   | 28.54      | 1.63    | ppb   |
| Beryllium  | 9-1   | 0.01    | 0.01    | 0.01    | 0.01       | 9.40    | ppb   |
| Bismuth    | 209-1 |         |         |         | 116        |         | %     |
| Bismuth    | 209-2 |         |         |         | 111        |         | %     |
| Boron      | 10-1  | 9.85    | 10.40   | 10.08   | 10.11      | 2.71    | ppb   |
| Boron      | 11-1  | 9.92    | 10.32   | 8.80    | 9.68       | 8.14    | ppb   |
| Cadmium    | 111-1 | -0.05   | -0.06   | -0.07   | -0.06      |         | ppb   |
| Cadmium    | 106-1 | -0.83   | -0.92   | -0.93   | -0.89      |         | ppb   |
| Cadmium    | 108-1 | 0.04    | 0.01    | 0.04    | 0.03       | 51.35   | ppb   |
| Calcium    | 43-1  | 6986.71 | 6854.85 | 6978.19 | 6939.92    | 1.06    | ppb   |
| Calcium    | 44-1  | 7125.50 | 7048.03 | 7127.65 | 7100.39    | 0.64    | ppb   |
| Chromium   | 52-2  | 0.74    | 0.71    | 0.83    | 0.76       | 7.65    | ppb   |
| Cobalt     | 59-2  | 0.00    | 0.02    | -0.02   | 0.00       | 4840.91 | ppb   |
| Copper     | 63-2  | 0.68    | 0.81    | 0.90    | 0.80       | 13.50   | ppb   |
| Dysprosium | 156-1 |         |         |         |            |         | cps   |
| Dysprosium | 156-2 |         |         |         |            |         | cps   |
| Erbium     | 164-1 |         |         |         |            |         | cps   |
| Erbium     | 164-2 |         |         |         |            |         | cps   |
| Gadolinium | 160-1 |         |         |         |            |         | cps   |
| Gadolinium | 160-2 |         |         |         |            |         | cps   |
| Holmium    | 165-1 |         |         |         | 115        |         | %     |
| Holmium    | 165-2 |         |         |         | 110        |         | %     |
| Indium     | 115-1 |         |         |         | 111        |         | %     |
| Indium     | 115-2 |         |         |         | 103        |         | %     |
| Iron       | 56-2  | 7.86    | 7.15    | 7.61    | 7.54       | 4.77    | ppb   |
| Iron       | 57-2  | 7.48    | 12.02   | 10.33   | 9.95       | 23.08   | ppb   |
| Krypton    | 83-1  |         |         |         |            |         | cps   |
| Lead       | 206-1 | 0.26    | 0.29    | 0.29    | 0.28       | 7.93    | ppb   |
| Lead       | 207-1 | 0.24    | 0.26    | 0.26    | 0.25       | 4.88    | ppb   |
| Lead       | 208-1 | 0.24    | 0.27    | 0.26    | 0.26       | 5.97    | ppb   |
| Lithium    | 6-1   |         |         |         | 108        |         | %     |
| Magnesium  | 24-2  | 1887.91 | 1937.79 | 1947.55 | 1924.41    | 1.66    | ppb   |

|                         |                      |                   |                     |
|-------------------------|----------------------|-------------------|---------------------|
| LB Number :             | LB97237              | Operator :        | Jaswal              |
| Lab Sample ID :         | J4353-19             | Instrumnet Name : | P8                  |
| Client Sample ID :      | 96-19-FL7-HALLWAY-WC | Dilution Factor : | 1                   |
| Date & Time Acquired :: | 2018-08-10 14:55:05  | DataFile Name :   | 051SMPL_P8081018-MS |

| Parameter  | Mass  | ConRep1  | ConRep2  | ConRep3  | Avg. Conc. | ConcRSD | Units |
|------------|-------|----------|----------|----------|------------|---------|-------|
| Manganese  | 55-2  | 4.96     | 4.48     | 5.14     | 4.86       | 7.04    | ppb   |
| Molybdenum | 94-1  | 0.12     | 0.12     | 0.16     | 0.13       | 15.93   | ppb   |
| Molybdenum | 95-1  | 0.02     | 0.03     | -0.01    | 0.01       | 169.77  | ppb   |
| Molybdenum | 96-1  | 0.03     | 0.03     | 0.03     | 0.03       | 12.87   | ppb   |
| Molybdenum | 97-1  | 0.03     | 0.02     | 0.03     | 0.02       | 33.97   | ppb   |
| Molybdenum | 98-1  | 0.06     | 0.06     | 0.06     | 0.06       | 6.12    | ppb   |
| Neodymium  | 150-1 |          |          |          |            |         | cps   |
| Neodymium  | 150-2 |          |          |          |            |         | cps   |
| Nickel     | 60-2  | 0.53     | 0.52     | 0.54     | 0.53       | 1.87    | ppb   |
| Phosphorus | 31-2  | 905.16   | 953.72   | 1210.71  | 1023.20    | 16.05   | ppb   |
| Potassium  | 39-2  | 957.31   | 921.29   | 937.14   | 938.58     | 1.92    | ppb   |
| Rhodium    | 103-1 |          |          |          | 109        |         | %     |
| Rhodium    | 103-2 |          |          |          | 106        |         | %     |
| Scandium   | 45-1  |          |          |          | 104        |         | %     |
| Scandium   | 45-2  |          |          |          | 97         |         | %     |
| Selenium   | 77-2  | 0.00     | 0.00     | 0.00     | 0.00       | N/A     | ppb   |
| Selenium   | 78-2  | 0.98     | 0.00     | 2.00     | 1.00       | 100.58  | ppb   |
| Selenium   | 82-1  | -0.04    | -0.30    | -0.24    | -0.19      |         | ppb   |
| Silicon    | 28-1  | 2570.78  | 2605.07  | 2584.30  | 2586.72    | 0.67    | ppb   |
| Silver     | 109-1 | 0.06     | 0.05     | 0.05     | 0.05       | 13.92   | ppb   |
| Silver     | 107-1 | 0.06     | 0.06     | 0.05     | 0.06       | 12.12   | ppb   |
| Sodium     | 23-2  | 11618.70 | 11371.89 | 11782.29 | 11590.96   | 1.78    | ppb   |
| Strontium  | 86-1  | 29.28    | 30.68    | 30.26    | 30.07      | 2.39    | ppb   |
| Strontium  | 88-1  | 29.88    | 30.52    | 30.41    | 30.27      | 1.13    | ppb   |
| Sulfur     | 34-1  | -2457.50 | -2255.03 | -2405.32 | -2372.62   |         | ppb   |
| Terbium    | 159-1 |          |          |          | 114        |         | %     |
| Terbium    | 159-2 |          |          |          | 110        |         | %     |
| Thallium   | 203-1 | 0.00     | 0.00     | 0.00     | 0.00       | 68.03   | ppb   |
| Thallium   | 205-1 | 0.01     | 0.01     | 0.01     | 0.01       | 31.89   | ppb   |
| Tin        | 118-1 | -0.03    | -0.01    | 0.00     | -0.01      |         | ppb   |
| Titanium   | 47-1  | 0.56     | 0.41     | 0.44     | 0.47       | 16.89   | ppb   |
| Uranium    | 238-1 | 0.00     | 0.00     | 0.00     | 0.00       |         | ppb   |
| Vanadium   | 51-2  | 0.08     | 0.04     | 0.09     | 0.07       | 34.30   | ppb   |
| Yttrium    | 89-1  |          |          |          | 108        |         | %     |
| Yttrium    | 89-2  |          |          |          | 100        |         | %     |
| Zinc       | 66-2  | 16.43    | 16.66    | 15.27    | 16.12      | 4.62    | ppb   |

|                         |                      |                   |                     |
|-------------------------|----------------------|-------------------|---------------------|
| LB Number :             | LB97237              | Operator :        | Jaswal              |
| Lab Sample ID :         | J4353-19             | Instrumnet Name : | P8                  |
| Client Sample ID :      | 96-19-FL7-HALLWAY-WC | Dilution Factor : | 1                   |
| Date & Time Acquired :: | 2018-08-10 14:55:05  | DataFile Name :   | 051SMPL_P8081018-MS |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|-----------|------|---------|---------|---------|------------|---------|-------|
| Zirconium | 90-1 | 0.04    | 0.05    | 0.05    | 0.05       | 8.29    | ppb   |
| Zirconium | 91-1 | 0.05    | 0.07    | 0.06    | 0.06       | 19.31   | ppb   |

|                         |                      |                   |                     |
|-------------------------|----------------------|-------------------|---------------------|
| LB Number :             | LB97237              | Operator :        | Jaswal              |
| Lab Sample ID :         | J4353-20             | Instrumnet Name : | P8                  |
| Client Sample ID :      | 96-20-FL7-BACK-RM-BR | Dilution Factor : | 1                   |
| Date & Time Acquired :: | 2018-08-10 14:58:25  | DataFile Name :   | 052SMPL_P8081018-MS |

| Parameter  | Mass  | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|------------|-------|---------|---------|---------|------------|---------|-------|
| Aluminium  | 27-2  | 11.02   | 14.64   | 13.16   | 12.94      | 14.05   | ppb   |
| Antimony   | 121-1 | 0.97    | 1.06    | 1.01    | 1.01       | 4.43    | ppb   |
| Arsenic    | 75-2  | 0.31    | 0.18    | 0.18    | 0.23       | 32.89   | ppb   |
| Barium     | 135-1 | 17.71   | 17.69   | 16.48   | 17.29      | 4.07    | ppb   |
| Barium     | 137-1 | 17.31   | 17.96   | 16.78   | 17.35      | 3.41    | ppb   |
| Beryllium  | 9-1   | 0.02    | 0.01    | 0.00    | 0.01       | 122.52  | ppb   |
| Bismuth    | 209-1 |         |         |         | 112        |         | %     |
| Bismuth    | 209-2 |         |         |         | 112        |         | %     |
| Boron      | 10-1  | 8.17    | 7.42    | 7.69    | 7.76       | 4.91    | ppb   |
| Boron      | 11-1  | 7.24    | 8.13    | 6.83    | 7.40       | 8.99    | ppb   |
| Cadmium    | 111-1 | 0.06    | -0.03   | 0.05    | 0.03       | 209.06  | ppb   |
| Cadmium    | 106-1 | 0.42    | -0.97   | -0.09   | -0.21      |         | ppb   |
| Cadmium    | 108-1 | 0.07    | 0.08    | 0.04    | 0.07       | 30.21   | ppb   |
| Calcium    | 43-1  | 5068.14 | 5721.35 | 4980.20 | 5256.57    | 7.70    | ppb   |
| Calcium    | 44-1  | 5280.14 | 5806.47 | 5271.77 | 5452.79    | 5.62    | ppb   |
| Chromium   | 52-2  | 0.05    | 0.06    | 0.11    | 0.08       | 45.52   | ppb   |
| Cobalt     | 59-2  | 0.10    | 0.08    | 0.07    | 0.08       | 15.67   | ppb   |
| Copper     | 63-2  | 306.96  | 307.24  | 319.83  | 311.34     | 2.36    | ppb   |
| Dysprosium | 156-1 |         |         |         |            |         | cps   |
| Dysprosium | 156-2 |         |         |         |            |         | cps   |
| Erbium     | 164-1 |         |         |         |            |         | cps   |
| Erbium     | 164-2 |         |         |         |            |         | cps   |
| Gadolinium | 160-1 |         |         |         |            |         | cps   |
| Gadolinium | 160-2 |         |         |         |            |         | cps   |
| Holmium    | 165-1 |         |         |         | 111        |         | %     |
| Holmium    | 165-2 |         |         |         | 112        |         | %     |
| Indium     | 115-1 |         |         |         | 109        |         | %     |
| Indium     | 115-2 |         |         |         | 105        |         | %     |
| Iron       | 56-2  | 21.46   | 20.29   | 20.98   | 20.91      | 2.81    | ppb   |
| Iron       | 57-2  | 24.92   | 17.24   | 17.39   | 19.85      | 22.12   | ppb   |
| Krypton    | 83-1  |         |         |         |            |         | cps   |
| Lead       | 206-1 | 1.30    | 1.46    | 1.26    | 1.34       | 7.67    | ppb   |
| Lead       | 207-1 | 1.21    | 1.31    | 1.17    | 1.23       | 5.49    | ppb   |
| Lead       | 208-1 | 1.25    | 1.36    | 1.24    | 1.28       | 5.43    | ppb   |
| Lithium    | 6-1   |         |         |         | 106        |         | %     |
| Magnesium  | 24-2  | 1089.10 | 1094.65 | 1107.55 | 1097.10    | 0.86    | ppb   |

|                         |                      |                   |                     |
|-------------------------|----------------------|-------------------|---------------------|
| LB Number :             | LB97237              | Operator :        | Jaswal              |
| Lab Sample ID :         | J4353-20             | Instrumnet Name : | P8                  |
| Client Sample ID :      | 96-20-FL7-BACK-RM-BR | Dilution Factor : | 1                   |
| Date & Time Acquired :: | 2018-08-10 14:58:25  | DataFile Name :   | 052SMPL_P8081018-MS |

| Parameter  | Mass  | ConRep1  | ConRep2 | ConRep3  | Avg. Conc. | ConcRSD | Units |
|------------|-------|----------|---------|----------|------------|---------|-------|
| Manganese  | 55-2  | 5.31     | 5.48    | 5.24     | 5.34       | 2.27    | ppb   |
| Molybdenum | 94-1  | 0.07     | 0.16    | 0.17     | 0.13       | 42.06   | ppb   |
| Molybdenum | 95-1  | 0.01     | 0.02    | 0.05     | 0.03       | 69.21   | ppb   |
| Molybdenum | 96-1  | 0.03     | 0.06    | 0.02     | 0.04       | 51.62   | ppb   |
| Molybdenum | 97-1  | 0.03     | 0.06    | 0.04     | 0.04       | 33.08   | ppb   |
| Molybdenum | 98-1  | 0.06     | 0.06    | 0.05     | 0.06       | 5.23    | ppb   |
| Neodymium  | 150-1 |          |         |          |            |         | cps   |
| Neodymium  | 150-2 |          |         |          |            |         | cps   |
| Nickel     | 60-2  | 12.08    | 12.06   | 12.63    | 12.26      | 2.65    | ppb   |
| Phosphorus | 31-2  | 169.86   | 362.44  | 234.96   | 255.75     | 38.30   | ppb   |
| Potassium  | 39-2  | 498.57   | 413.51  | 496.29   | 469.45     | 10.32   | ppb   |
| Rhodium    | 103-1 |          |         |          | 106        |         | %     |
| Rhodium    | 103-2 |          |         |          | 107        |         | %     |
| Scandium   | 45-1  |          |         |          | 100        |         | %     |
| Scandium   | 45-2  |          |         |          | 99         |         | %     |
| Selenium   | 77-2  | 0.00     | 0.00    | 6.18     | 2.06       | 173.21  | ppb   |
| Selenium   | 78-2  | 0.96     | 0.97    | 1.97     | 1.30       | 44.82   | ppb   |
| Selenium   | 82-1  | 0.51     | 0.28    | 0.29     | 0.36       | 35.75   | ppb   |
| Silicon    | 28-1  | 987.58   | 1112.42 | 976.97   | 1025.66    | 7.34    | ppb   |
| Silver     | 109-1 | 0.08     | 0.08    | 0.07     | 0.08       | 3.98    | ppb   |
| Silver     | 107-1 | 0.07     | 0.07    | 0.07     | 0.07       | 2.25    | ppb   |
| Sodium     | 23-2  | 10079.72 | 9952.39 | 10359.45 | 10130.52   | 2.06    | ppb   |
| Strontium  | 86-1  | 17.87    | 19.59   | 18.29    | 18.58      | 4.82    | ppb   |
| Strontium  | 88-1  | 18.13    | 19.65   | 18.04    | 18.61      | 4.86    | ppb   |
| Sulfur     | 34-1  | -1454.31 | -134.48 | -1372.56 | -987.12    |         | ppb   |
| Terbium    | 159-1 |          |         |          | 111        |         | %     |
| Terbium    | 159-2 |          |         |          | 111        |         | %     |
| Thallium   | 203-1 | 0.02     | 0.01    | 0.01     | 0.01       | 51.06   | ppb   |
| Thallium   | 205-1 | 0.02     | 0.02    | 0.02     | 0.02       | 12.19   | ppb   |
| Tin        | 118-1 | 0.54     | 0.53    | 0.49     | 0.52       | 4.98    | ppb   |
| Titanium   | 47-1  | 0.16     | 0.35    | 0.25     | 0.25       | 38.29   | ppb   |
| Uranium    | 238-1 | 0.01     | 0.01    | 0.00     | 0.00       | 38.32   | ppb   |
| Vanadium   | 51-2  | 0.04     | 0.03    | 0.06     | 0.05       | 32.61   | ppb   |
| Yttrium    | 89-1  |          |         |          | 105        |         | %     |
| Yttrium    | 89-2  |          |         |          | 102        |         | %     |
| Zinc       | 66-2  | 358.04   | 360.85  | 374.30   | 364.40     | 2.38    | ppb   |

|                         |                      |                   |                     |
|-------------------------|----------------------|-------------------|---------------------|
| LB Number :             | LB97237              | Operator :        | Jaswal              |
| Lab Sample ID :         | J4353-20             | Instrumnet Name : | P8                  |
| Client Sample ID :      | 96-20-FL7-BACK-RM-BR | Dilution Factor : | 1                   |
| Date & Time Acquired :: | 2018-08-10 14:58:25  | DataFile Name :   | 052SMPL_P8081018-MS |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|-----------|------|---------|---------|---------|------------|---------|-------|
| Zirconium | 90-1 | 0.07    | 0.06    | 0.06    | 0.06       | 10.15   | ppb   |
| Zirconium | 91-1 | 0.07    | 0.08    | 0.05    | 0.07       | 18.00   | ppb   |

|                         |                     |                   |                      |
|-------------------------|---------------------|-------------------|----------------------|
| LB Number :             | LB97237             | Operator :        | Jaswal               |
| Lab Sample ID :         | CCV93               | Instrumnet Name : | P8                   |
| Client Sample ID :      | CCV93               | Dilution Factor : | 1                    |
| Date & Time Acquired :: | 2018-08-10 15:01:45 | DataFile Name :   | 053CCV_P8081018-MS.I |

| Parameter  | Mass  | ConRep1   | ConRep2   | ConRep3   | Avg. Conc. | ConcRSD | Units |
|------------|-------|-----------|-----------|-----------|------------|---------|-------|
| Aluminium  | 27-2  | 52177.36  | 53364.32  | 53987.90  | 53176.53   | 1.73    | ppb   |
| Antimony   | 121-1 | 472.42    | 470.39    | 486.94    | 476.58     | 1.89    | ppb   |
| Arsenic    | 75-2  | 496.99    | 495.77    | 498.50    | 497.09     | 0.28    | ppb   |
| Barium     | 135-1 | 2454.57   | 2467.60   | 2474.11   | 2465.43    | 0.40    | ppb   |
| Barium     | 137-1 | 2441.45   | 2432.45   | 2482.72   | 2452.21    | 1.09    | ppb   |
| Beryllium  | 9-1   | 492.05    | 489.53    | 487.64    | 489.74     | 0.45    | ppb   |
| Bismuth    | 209-1 |           |           |           | 102        |         | %     |
| Bismuth    | 209-2 |           |           |           | 100        |         | %     |
| Boron      | 10-1  | 463.80    | 489.57    | 487.07    | 480.15     | 2.96    | ppb   |
| Boron      | 11-1  | 476.99    | 479.21    | 491.19    | 482.46     | 1.58    | ppb   |
| Cadmium    | 111-1 | 469.66    | 468.96    | 475.18    | 471.27     | 0.72    | ppb   |
| Cadmium    | 106-1 | 485.21    | 481.52    | 477.75    | 481.49     | 0.77    | ppb   |
| Cadmium    | 108-1 | 480.55    | 468.13    | 474.97    | 474.55     | 1.31    | ppb   |
| Calcium    | 43-1  | 238716.41 | 236592.66 | 243726.96 | 239678.67  | 1.53    | ppb   |
| Calcium    | 44-1  | 237473.56 | 234946.90 | 239945.03 | 237455.17  | 1.05    | ppb   |
| Chromium   | 52-2  | 513.32    | 525.64    | 531.14    | 523.36     | 1.74    | ppb   |
| Cobalt     | 59-2  | 495.24    | 507.71    | 509.17    | 504.04     | 1.52    | ppb   |
| Copper     | 63-2  | 974.82    | 991.76    | 998.02    | 988.20     | 1.21    | 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 |           |           |           | 108        |         | %     |
| Holmium    | 165-2 |           |           |           | 108        |         | %     |
| Indium     | 115-1 |           |           |           | 102        |         | %     |
| Indium     | 115-2 |           |           |           | 99         |         | %     |
| Iron       | 56-2  | 132349.57 | 135291.21 | 136105.35 | 134582.04  | 1.47    | ppb   |
| Iron       | 57-2  | 132413.25 | 136243.89 | 137553.95 | 135403.70  | 1.97    | ppb   |
| Krypton    | 83-1  |           |           |           |            |         | cps   |
| Lead       | 206-1 | 512.19    | 510.64    | 512.49    | 511.77     | 0.19    | ppb   |
| Lead       | 207-1 | 516.67    | 507.23    | 519.93    | 514.61     | 1.28    | ppb   |
| Lead       | 208-1 | 509.62    | 506.68    | 510.69    | 509.00     | 0.41    | ppb   |
| Lithium    | 6-1   |           |           |           | 100        |         | %     |
| Magnesium  | 24-2  | 251993.63 | 255183.51 | 259562.17 | 255579.77  | 1.49    | ppb   |

|                         |                     |                   |                      |
|-------------------------|---------------------|-------------------|----------------------|
| LB Number :             | LB97237             | Operator :        | Jaswal               |
| Lab Sample ID :         | CCV93               | Instrumnet Name : | P8                   |
| Client Sample ID :      | CCV93               | Dilution Factor : | 1                    |
| Date & Time Acquired :: | 2018-08-10 15:01:45 | DataFile Name :   | 053CCV_P8081018-MS.I |

| Parameter  | Mass  | ConRep1   | ConRep2   | ConRep3   | Avg. Conc. | ConcRSD | Units |
|------------|-------|-----------|-----------|-----------|------------|---------|-------|
| Manganese  | 55-2  | 995.60    | 1020.85   | 1032.46   | 1016.30    | 1.85    | ppb   |
| Molybdenum | 94-1  | 2469.62   | 2496.17   | 2521.73   | 2495.84    | 1.04    | ppb   |
| Molybdenum | 95-1  | 2486.90   | 2508.12   | 2498.07   | 2497.70    | 0.42    | ppb   |
| Molybdenum | 96-1  | 2471.06   | 2494.46   | 2503.80   | 2489.77    | 0.68    | ppb   |
| Molybdenum | 97-1  | 2471.09   | 2510.66   | 2531.76   | 2504.50    | 1.23    | ppb   |
| Molybdenum | 98-1  | 2478.89   | 2522.16   | 2504.85   | 2501.97    | 0.87    | ppb   |
| Neodymium  | 150-1 |           |           |           |            |         | cps   |
| Neodymium  | 150-2 |           |           |           |            |         | cps   |
| Nickel     | 60-2  | 501.77    | 512.77    | 523.15    | 512.56     | 2.09    | ppb   |
| Phosphorus | 31-2  | 10720.85  | 10204.09  | 10893.41  | 10606.12   | 3.38    | ppb   |
| Potassium  | 39-2  | 124754.96 | 126549.73 | 128032.49 | 126445.73  | 1.30    | ppb   |
| Rhodium    | 103-1 |           |           |           | 98         |         | %     |
| Rhodium    | 103-2 |           |           |           | 98         |         | %     |
| Scandium   | 45-1  |           |           |           | 102        |         | %     |
| Scandium   | 45-2  |           |           |           | 98         |         | %     |
| Selenium   | 77-2  | 479.11    | 413.09    | 447.22    | 446.48     | 7.39    | ppb   |
| Selenium   | 78-2  | 511.16    | 450.18    | 481.25    | 480.86     | 6.34    | ppb   |
| Selenium   | 82-1  | 476.86    | 490.95    | 485.92    | 484.57     | 1.47    | ppb   |
| Silicon    | 28-1  | 555.51    | 551.50    | 570.61    | 559.21     | 1.80    | ppb   |
| Silver     | 109-1 | 478.02    | 477.61    | 486.88    | 480.84     | 1.09    | ppb   |
| Silver     | 107-1 | 480.46    | 477.94    | 485.07    | 481.16     | 0.75    | ppb   |
| Sodium     | 23-2  | 249125.02 | 254709.13 | 257338.79 | 253724.32  | 1.65    | ppb   |
| Strontium  | 86-1  | 483.32    | 487.72    | 489.99    | 487.01     | 0.70    | ppb   |
| Strontium  | 88-1  | 495.28    | 496.50    | 502.20    | 498.00     | 0.74    | ppb   |
| Sulfur     | 34-1  | 9033.68   | 8524.23   | 9343.97   | 8967.29    | 4.62    | ppb   |
| Terbium    | 159-1 |           |           |           | 108        |         | %     |
| Terbium    | 159-2 |           |           |           | 107        |         | %     |
| Thallium   | 203-1 | 513.76    | 507.67    | 518.10    | 513.18     | 1.02    | ppb   |
| Thallium   | 205-1 | 503.93    | 502.46    | 509.23    | 505.21     | 0.70    | ppb   |
| Tin        | 118-1 | 496.68    | 488.71    | 501.32    | 495.57     | 1.29    | ppb   |
| Titanium   | 47-1  | 2505.29   | 2475.48   | 2539.08   | 2506.62    | 1.27    | ppb   |
| Uranium    | 238-1 | 507.49    | 504.92    | 513.21    | 508.54     | 0.83    | ppb   |
| Vanadium   | 51-2  | 500.49    | 513.68    | 519.36    | 511.18     | 1.89    | ppb   |
| Yttrium    | 89-1  |           |           |           | 104        |         | %     |
| Yttrium    | 89-2  |           |           |           | 101        |         | %     |
| Zinc       | 66-2  | 978.13    | 1000.60   | 998.25    | 992.33     | 1.24    | ppb   |



|                         |                     |                   |                      |
|-------------------------|---------------------|-------------------|----------------------|
| LB Number :             | LB97237             | Operator :        | Jaswal               |
| Lab Sample ID :         | CCV93               | Instrumnet Name : | P8                   |
| Client Sample ID :      | CCV93               | Dilution Factor : | 1                    |
| Date & Time Acquired :: | 2018-08-10 15:01:45 | DataFile Name :   | 053CCV_P8081018-MS.I |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|-----------|------|---------|---------|---------|------------|---------|-------|
| Zirconium | 90-1 | 500.52  | 499.64  | 500.90  | 500.35     | 0.13    | ppb   |
| Zirconium | 91-1 | 491.45  | 503.34  | 500.31  | 498.37     | 1.24    | ppb   |

|                         |                     |                   |                     |
|-------------------------|---------------------|-------------------|---------------------|
| LB Number :             | LB97237             | Operator :        | Jaswal              |
| Lab Sample ID :         | CCB93               | Instrumnet Name : | P8                  |
| Client Sample ID :      | CCB93               | Dilution Factor : | 1                   |
| Date & Time Acquired :: | 2018-08-10 15:04:55 | DataFile Name :   | 054CCBE_P8081018-M5 |

| Parameter  | Mass  | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|------------|-------|---------|---------|---------|------------|---------|-------|
| Aluminium  | 27-2  | 2.77    | 1.68    | 2.28    | 2.24       | 24.22   | ppb   |
| Antimony   | 121-1 | 1.12    | 1.06    | 1.03    | 1.07       | 4.31    | ppb   |
| Arsenic    | 75-2  | 0.16    | 0.04    | 0.09    | 0.10       | 59.87   | ppb   |
| Barium     | 135-1 | 0.07    | 0.06    | 0.05    | 0.06       | 20.21   | ppb   |
| Barium     | 137-1 | 0.03    | 0.05    | 0.06    | 0.04       | 32.28   | ppb   |
| Beryllium  | 9-1   | 0.28    | 0.18    | 0.22    | 0.23       | 21.38   | ppb   |
| Bismuth    | 209-1 |         |         |         | 105        |         | %     |
| Bismuth    | 209-2 |         |         |         | 108        |         | %     |
| Boron      | 10-1  | 18.04   | 16.37   | 14.05   | 16.15      | 12.42   | ppb   |
| Boron      | 11-1  | 16.76   | 15.55   | 14.26   | 15.52      | 8.03    | ppb   |
| Cadmium    | 111-1 | 0.10    | 0.05    | 0.03    | 0.06       | 65.83   | ppb   |
| Cadmium    | 106-1 | 0.54    | -0.02   | -0.10   | 0.14       | 245.57  | ppb   |
| Cadmium    | 108-1 | 0.14    | 0.02    | 0.08    | 0.08       | 75.93   | ppb   |
| Calcium    | 43-1  | 7.91    | 5.19    | 4.15    | 5.75       | 33.77   | ppb   |
| Calcium    | 44-1  | -1.83   | -1.39   | 2.77    | -0.15      |         | ppb   |
| Chromium   | 52-2  | -0.05   | -0.05   | -0.06   | -0.05      |         | ppb   |
| Cobalt     | 59-2  | 0.00    | 0.00    | 0.00    | 0.00       |         | ppb   |
| Copper     | 63-2  | -0.42   | -0.43   | -0.47   | -0.44      |         | 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 |         |         |         | 106        |         | %     |
| Holmium    | 165-2 |         |         |         | 109        |         | %     |
| Indium     | 115-1 |         |         |         | 104        |         | %     |
| Indium     | 115-2 |         |         |         | 105        |         | %     |
| Iron       | 56-2  | 5.35    | 4.42    | 4.26    | 4.68       | 12.64   | ppb   |
| Iron       | 57-2  | 4.14    | 4.92    | 7.63    | 5.56       | 32.93   | ppb   |
| Krypton    | 83-1  |         |         |         |            |         | cps   |
| Lead       | 206-1 | 0.03    | 0.02    | 0.03    | 0.03       | 22.34   | ppb   |
| Lead       | 207-1 | 0.02    | 0.01    | 0.04    | 0.02       | 53.29   | ppb   |
| Lead       | 208-1 | 0.02    | 0.02    | 0.03    | 0.02       | 19.75   | ppb   |
| Lithium    | 6-1   |         |         |         | 102        |         | %     |
| Magnesium  | 24-2  | 10.02   | 6.24    | 7.66    | 7.97       | 23.93   | ppb   |

|                         |                     |                   |                     |
|-------------------------|---------------------|-------------------|---------------------|
| LB Number :             | LB97237             | Operator :        | Jaswal              |
| Lab Sample ID :         | CCB93               | Instrumnet Name : | P8                  |
| Client Sample ID :      | CCB93               | Dilution Factor : | 1                   |
| Date & Time Acquired :: | 2018-08-10 15:04:55 | DataFile Name :   | 054CCBE_P8081018-MS |

| Parameter  | Mass  | ConRep1  | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD  | Units |
|------------|-------|----------|---------|---------|------------|----------|-------|
| Manganese  | 55-2  | -0.26    | -0.27   | -0.31   | -0.28      |          | ppb   |
| Molybdenum | 94-1  | 1.02     | 0.88    | 0.90    | 0.93       | 8.01     | ppb   |
| Molybdenum | 95-1  | 1.12     | 1.04    | 0.86    | 1.00       | 13.28    | ppb   |
| Molybdenum | 96-1  | 1.03     | 0.99    | 0.86    | 0.96       | 9.25     | ppb   |
| Molybdenum | 97-1  | 1.08     | 0.91    | 0.89    | 0.96       | 10.97    | ppb   |
| Molybdenum | 98-1  | 1.05     | 0.88    | 0.89    | 0.94       | 10.28    | ppb   |
| Neodymium  | 150-1 |          |         |         |            |          | cps   |
| Neodymium  | 150-2 |          |         |         |            |          | cps   |
| Nickel     | 60-2  | -0.11    | -0.19   | -0.12   | -0.14      |          | ppb   |
| Phosphorus | 31-2  | 9.01     | -17.95  | 9.01    | 0.03       | 57329.25 | ppb   |
| Potassium  | 39-2  | 22.63    | 1.72    | 8.83    | 11.06      | 96.13    | ppb   |
| Rhodium    | 103-1 |          |         |         | 103        |          | %     |
| Rhodium    | 103-2 |          |         |         | 106        |          | %     |
| Scandium   | 45-1  |          |         |         | 101        |          | %     |
| Scandium   | 45-2  |          |         |         | 102        |          | %     |
| Selenium   | 77-2  | 0.00     | 0.00    | 0.00    | 0.00       | N/A      | ppb   |
| Selenium   | 78-2  | 0.00     | 0.00    | 2.94    | 0.98       | 173.21   | ppb   |
| Selenium   | 82-1  | -0.10    | 0.29    | 0.37    | 0.18       | 137.58   | ppb   |
| Silicon    | 28-1  | 11.57    | 11.76   | 14.77   | 12.70      | 14.15    | ppb   |
| Silver     | 109-1 | 0.07     | 0.06    | 0.08    | 0.07       | 15.16    | ppb   |
| Silver     | 107-1 | 0.06     | 0.06    | 0.05    | 0.06       | 6.35     | ppb   |
| Sodium     | 23-2  | 33.73    | 30.78   | 28.64   | 31.05      | 8.23     | ppb   |
| Strontium  | 86-1  | -0.04    | 0.00    | 0.03    | 0.00       |          | ppb   |
| Strontium  | 88-1  | 0.01     | 0.01    | 0.01    | 0.01       | 16.90    | ppb   |
| Sulfur     | 34-1  | -1209.48 | -968.55 | -691.62 | -956.55    |          | ppb   |
| Terbium    | 159-1 |          |         |         | 106        |          | %     |
| Terbium    | 159-2 |          |         |         | 108        |          | %     |
| Thallium   | 203-1 | 0.14     | 0.10    | 0.12    | 0.12       | 16.11    | ppb   |
| Thallium   | 205-1 | 0.13     | 0.12    | 0.11    | 0.12       | 8.12     | ppb   |
| Tin        | 118-1 | 0.38     | 0.38    | 0.36    | 0.38       | 3.07     | ppb   |
| Titanium   | 47-1  | 0.12     | 0.04    | 0.10    | 0.09       | 47.45    | ppb   |
| Uranium    | 238-1 | 0.01     | 0.01    | 0.02    | 0.01       | 15.86    | ppb   |
| Vanadium   | 51-2  | 0.03     | 0.03    | 0.01    | 0.02       | 51.61    | ppb   |
| Yttrium    | 89-1  |          |         |         | 103        |          | %     |
| Yttrium    | 89-2  |          |         |         | 103        |          | %     |
| Zinc       | 66-2  | 0.58     | 0.31    | 0.23    | 0.37       | 49.72    | ppb   |

|                         |                     |                   |                     |
|-------------------------|---------------------|-------------------|---------------------|
| LB Number :             | LB97237             | Operator :        | Jaswal              |
| Lab Sample ID :         | CCB93               | Instrumnet Name : | P8                  |
| Client Sample ID :      | CCB93               | Dilution Factor : | 1                   |
| Date & Time Acquired :: | 2018-08-10 15:04:55 | DataFile Name :   | 054CCBE_P8081018-MS |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|-----------|------|---------|---------|---------|------------|---------|-------|
| Zirconium | 90-1 | 0.16    | 0.21    | 0.19    | 0.19       | 13.22   | ppb   |
| Zirconium | 91-1 | 0.20    | 0.18    | 0.18    | 0.19       | 6.26    | ppb   |

LB Number : LB97237 Operator : Jaswal  
 Lab Sample ID : J4353-23 Instrumnet Name : P8  
 Client Sample ID : 96-23-FL6-BACK-RM-BR Dilution Factor : 1  
 Date & Time Acquired :: 2018-08-10 15:08:16 DataFile Name : 055SMPL\_P8081018-MS

| Parameter  | Mass  | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|------------|-------|---------|---------|---------|------------|---------|-------|
| Aluminium  | 27-2  | 16.96   | 14.36   | 13.15   | 14.82      | 13.12   | ppb   |
| Antimony   | 121-1 | 0.62    | 0.56    | 0.56    | 0.58       | 6.11    | ppb   |
| Arsenic    | 75-2  | 0.25    | 0.21    | 0.32    | 0.26       | 21.09   | ppb   |
| Barium     | 135-1 | 16.99   | 15.32   | 15.21   | 15.84      | 6.29    | ppb   |
| Barium     | 137-1 | 16.66   | 15.48   | 15.26   | 15.80      | 4.78    | ppb   |
| Beryllium  | 9-1   | 0.08    | 0.14    | 0.07    | 0.10       | 42.34   | ppb   |
| Bismuth    | 209-1 |         |         |         | 115        |         | %     |
| Bismuth    | 209-2 |         |         |         | 115        |         | %     |
| Boron      | 10-1  | 13.60   | 11.74   | 10.95   | 12.10      | 11.24   | ppb   |
| Boron      | 11-1  | 11.92   | 11.20   | 10.00   | 11.04      | 8.78    | ppb   |
| Cadmium    | 111-1 | 0.10    | 0.15    | 0.10    | 0.12       | 23.50   | ppb   |
| Cadmium    | 106-1 | -0.27   | 0.38    | -0.34   | -0.08      |         | ppb   |
| Cadmium    | 108-1 | 0.53    | 0.32    | 0.35    | 0.40       | 27.92   | ppb   |
| Calcium    | 43-1  | 5726.40 | 5192.97 | 5051.03 | 5323.47    | 6.69    | ppb   |
| Calcium    | 44-1  | 5785.07 | 5231.52 | 5153.67 | 5390.09    | 6.39    | ppb   |
| Chromium   | 52-2  | 0.00    | 0.00    | 0.08    | 0.03       | 171.56  | ppb   |
| Cobalt     | 59-2  | 0.06    | 0.05    | 0.07    | 0.06       | 11.79   | ppb   |
| Copper     | 63-2  | 195.22  | 191.87  | 194.63  | 193.91     | 0.92    | ppb   |
| Dysprosium | 156-1 |         |         |         |            |         | cps   |
| Dysprosium | 156-2 |         |         |         |            |         | cps   |
| Erbium     | 164-1 |         |         |         |            |         | cps   |
| Erbium     | 164-2 |         |         |         |            |         | cps   |
| Gadolinium | 160-1 |         |         |         |            |         | cps   |
| Gadolinium | 160-2 |         |         |         |            |         | cps   |
| Holmium    | 165-1 |         |         |         | 115        |         | %     |
| Holmium    | 165-2 |         |         |         | 115        |         | %     |
| Indium     | 115-1 |         |         |         | 114        |         | %     |
| Indium     | 115-2 |         |         |         | 110        |         | %     |
| Iron       | 56-2  | 28.00   | 27.10   | 27.58   | 27.56      | 1.63    | ppb   |
| Iron       | 57-2  | 24.34   | 24.48   | 24.36   | 24.39      | 0.30    | ppb   |
| Krypton    | 83-1  |         |         |         |            |         | cps   |
| Lead       | 206-1 | 4.62    | 4.24    | 4.08    | 4.31       | 6.44    | ppb   |
| Lead       | 207-1 | 4.33    | 3.94    | 3.79    | 4.02       | 6.97    | ppb   |
| Lead       | 208-1 | 4.40    | 4.08    | 3.91    | 4.13       | 6.08    | ppb   |
| Lithium    | 6-1   |         |         |         | 111        |         | %     |
| Magnesium  | 24-2  | 1178.92 | 1216.41 | 1171.60 | 1188.98    | 2.02    | ppb   |

|                         |                      |                   |                     |
|-------------------------|----------------------|-------------------|---------------------|
| LB Number :             | LB97237              | Operator :        | Jaswal              |
| Lab Sample ID :         | J4353-23             | Instrumnet Name : | P8                  |
| Client Sample ID :      | 96-23-FL6-BACK-RM-BR | Dilution Factor : | 1                   |
| Date & Time Acquired :: | 2018-08-10 15:08:16  | DataFile Name :   | 055SMPL_P8081018-MS |

| Parameter  | Mass  | ConRep1  | ConRep2  | ConRep3  | Avg. Conc. | ConcRSD | Units |
|------------|-------|----------|----------|----------|------------|---------|-------|
| Manganese  | 55-2  | 9.74     | 9.59     | 10.04    | 9.79       | 2.30    | ppb   |
| Molybdenum | 94-1  | 1.65     | 1.17     | 1.03     | 1.28       | 25.43   | ppb   |
| Molybdenum | 95-1  | 0.28     | 0.23     | 0.25     | 0.25       | 10.29   | ppb   |
| Molybdenum | 96-1  | 0.53     | 0.38     | 0.32     | 0.41       | 26.25   | ppb   |
| Molybdenum | 97-1  | 0.34     | 0.30     | 0.21     | 0.28       | 24.25   | ppb   |
| Molybdenum | 98-1  | 0.37     | 0.29     | 0.26     | 0.31       | 18.58   | ppb   |
| Neodymium  | 150-1 |          |          |          |            |         | cps   |
| Neodymium  | 150-2 |          |          |          |            |         | cps   |
| Nickel     | 60-2  | 4.14     | 4.14     | 4.45     | 4.24       | 4.28    | ppb   |
| Phosphorus | 31-2  | 586.06   | 681.97   | 849.28   | 705.77     | 18.88   | ppb   |
| Potassium  | 39-2  | 509.91   | 483.19   | 512.95   | 502.02     | 3.26    | ppb   |
| Rhodium    | 103-1 |          |          |          | 112        |         | %     |
| Rhodium    | 103-2 |          |          |          | 111        |         | %     |
| Scandium   | 45-1  |          |          |          | 109        |         | %     |
| Scandium   | 45-2  |          |          |          | 104        |         | %     |
| Selenium   | 77-2  | 0.00     | 5.76     | 0.00     | 1.92       | 173.21  | ppb   |
| Selenium   | 78-2  | 0.92     | 0.00     | 0.00     | 0.31       | 173.21  | ppb   |
| Selenium   | 82-1  | 0.66     | 0.28     | 0.35     | 0.43       | 47.45   | ppb   |
| Silicon    | 28-1  | 997.80   | 898.02   | 868.66   | 921.49     | 7.35    | ppb   |
| Silver     | 109-1 | 0.12     | 0.10     | 0.12     | 0.12       | 9.92    | ppb   |
| Silver     | 107-1 | 0.12     | 0.12     | 0.12     | 0.12       | 1.49    | ppb   |
| Sodium     | 23-2  | 11286.04 | 11141.26 | 11128.74 | 11185.35   | 0.78    | ppb   |
| Strontium  | 86-1  | 19.66    | 18.27    | 17.41    | 18.45      | 6.15    | ppb   |
| Strontium  | 88-1  | 19.76    | 18.43    | 17.94    | 18.71      | 5.03    | ppb   |
| Sulfur     | 34-1  | -195.68  | -1128.58 | -1423.08 | -915.78    |         | ppb   |
| Terbium    | 159-1 |          |          |          | 115        |         | %     |
| Terbium    | 159-2 |          |          |          | 115        |         | %     |
| Thallium   | 203-1 | 0.14     | 0.10     | 0.09     | 0.11       | 26.40   | ppb   |
| Thallium   | 205-1 | 0.13     | 0.11     | 0.08     | 0.11       | 22.67   | ppb   |
| Tin        | 118-1 | 0.22     | 0.23     | 0.19     | 0.22       | 9.45    | ppb   |
| Titanium   | 47-1  | 0.55     | 0.40     | 0.32     | 0.43       | 27.53   | ppb   |
| Uranium    | 238-1 | 0.01     | 0.01     | 0.01     | 0.01       | 3.58    | ppb   |
| Vanadium   | 51-2  | 0.10     | 0.06     | 0.04     | 0.07       | 42.74   | ppb   |
| Yttrium    | 89-1  |          |          |          | 112        |         | %     |
| Yttrium    | 89-2  |          |          |          | 107        |         | %     |
| Zinc       | 66-2  | 598.79   | 584.76   | 597.01   | 593.52     | 1.29    | ppb   |

|                         |                      |                   |                     |
|-------------------------|----------------------|-------------------|---------------------|
| LB Number :             | LB97237              | Operator :        | Jaswal              |
| Lab Sample ID :         | J4353-23             | Instrumnet Name : | P8                  |
| Client Sample ID :      | 96-23-FL6-BACK-RM-BR | Dilution Factor : | 1                   |
| Date & Time Acquired :: | 2018-08-10 15:08:16  | DataFile Name :   | 055SMPL_P8081018-MS |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|-----------|------|---------|---------|---------|------------|---------|-------|
| Zirconium | 90-1 | 0.95    | 0.67    | 0.57    | 0.73       | 26.49   | ppb   |
| Zirconium | 91-1 | 0.97    | 0.58    | 0.55    | 0.70       | 33.49   | ppb   |

LB Number : LB97237 Operator : Jaswal  
 Lab Sample ID : J4353-22 Instrumnet Name : P8  
 Client Sample ID : 96-22-FL4-FRONT-RM-B Dilution Factor : 1  
 Date & Time Acquired :: 2018-08-10 15:11:36 DataFile Name : 056SMPL\_P8081018-MS

| Parameter  | Mass  | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|------------|-------|---------|---------|---------|------------|---------|-------|
| Aluminium  | 27-2  | 23.64   | 20.98   | 20.21   | 21.61      | 8.31    | ppb   |
| Antimony   | 121-1 | 1.60    | 1.63    | 1.61    | 1.61       | 0.85    | ppb   |
| Arsenic    | 75-2  | 0.19    | 0.24    | 0.31    | 0.25       | 24.03   | ppb   |
| Barium     | 135-1 | 22.08   | 22.83   | 22.33   | 22.41      | 1.70    | ppb   |
| Barium     | 137-1 | 21.77   | 22.32   | 22.56   | 22.21      | 1.83    | ppb   |
| Beryllium  | 9-1   | 0.03    | 0.10    | 0.05    | 0.06       | 64.02   | ppb   |
| Bismuth    | 209-1 |         |         |         | 116        |         | %     |
| Bismuth    | 209-2 |         |         |         | 113        |         | %     |
| Boron      | 10-1  | 10.13   | 9.94    | 10.25   | 10.11      | 1.58    | ppb   |
| Boron      | 11-1  | 9.40    | 9.68    | 9.53    | 9.54       | 1.51    | ppb   |
| Cadmium    | 111-1 | 0.27    | 0.20    | 0.22    | 0.23       | 16.21   | ppb   |
| Cadmium    | 106-1 | 1.42    | 0.23    | 0.12    | 0.59       | 121.99  | ppb   |
| Cadmium    | 108-1 | 0.94    | 0.79    | 0.67    | 0.80       | 17.17   | ppb   |
| Calcium    | 43-1  | 5850.17 | 5809.87 | 5774.95 | 5811.66    | 0.65    | ppb   |
| Calcium    | 44-1  | 5829.51 | 5985.19 | 5974.68 | 5929.79    | 1.47    | ppb   |
| Chromium   | 52-2  | 0.30    | 0.26    | 0.35    | 0.30       | 15.06   | ppb   |
| Cobalt     | 59-2  | 0.35    | 0.43    | 0.36    | 0.38       | 10.44   | ppb   |
| Copper     | 63-2  | 218.47  | 224.32  | 218.84  | 220.54     | 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 |         |         |         | 117        |         | %     |
| Holmium    | 165-2 |         |         |         | 113        |         | %     |
| Indium     | 115-1 |         |         |         | 114        |         | %     |
| Indium     | 115-2 |         |         |         | 107        |         | %     |
| Iron       | 56-2  | 41.67   | 41.27   | 41.13   | 41.36      | 0.68    | ppb   |
| Iron       | 57-2  | 33.56   | 48.68   | 36.69   | 39.64      | 20.13   | ppb   |
| Krypton    | 83-1  |         |         |         |            |         | cps   |
| Lead       | 206-1 | 7.74    | 7.82    | 7.70    | 7.75       | 0.81    | ppb   |
| Lead       | 207-1 | 6.98    | 7.11    | 7.08    | 7.06       | 0.98    | ppb   |
| Lead       | 208-1 | 7.25    | 7.42    | 7.36    | 7.34       | 1.17    | ppb   |
| Lithium    | 6-1   |         |         |         | 112        |         | %     |
| Magnesium  | 24-2  | 1253.95 | 1199.97 | 1200.12 | 1218.01    | 2.55    | ppb   |



|                         |                      |                   |                     |
|-------------------------|----------------------|-------------------|---------------------|
| LB Number :             | LB97237              | Operator :        | Jaswal              |
| Lab Sample ID :         | J4353-22             | Instrumnet Name : | P8                  |
| Client Sample ID :      | 96-22-FL4-FRONT-RM-B | Dilution Factor : | 1                   |
| Date & Time Acquired :: | 2018-08-10 15:11:36  | DataFile Name :   | 056SMPL_P8081018-MS |

| Parameter  | Mass  | ConRep1  | ConRep2  | ConRep3  | Avg. Conc. | ConcRSD | Units |
|------------|-------|----------|----------|----------|------------|---------|-------|
| Manganese  | 55-2  | 19.66    | 19.67    | 19.57    | 19.64      | 0.27    | ppb   |
| Molybdenum | 94-1  | 0.54     | 0.54     | 0.47     | 0.51       | 7.73    | ppb   |
| Molybdenum | 95-1  | 0.12     | 0.13     | 0.14     | 0.13       | 7.58    | ppb   |
| Molybdenum | 96-1  | 0.19     | 0.20     | 0.22     | 0.20       | 5.86    | ppb   |
| Molybdenum | 97-1  | 0.17     | 0.12     | 0.17     | 0.15       | 19.65   | ppb   |
| Molybdenum | 98-1  | 0.13     | 0.17     | 0.15     | 0.15       | 11.61   | ppb   |
| Neodymium  | 150-1 |          |          |          |            |         | cps   |
| Neodymium  | 150-2 |          |          |          |            |         | cps   |
| Nickel     | 60-2  | 42.50    | 43.66    | 43.10    | 43.09      | 1.34    | ppb   |
| Phosphorus | 31-2  | 349.69   | 523.63   | 329.73   | 401.02     | 26.59   | ppb   |
| Potassium  | 39-2  | 595.61   | 536.89   | 566.92   | 566.48     | 5.18    | ppb   |
| Rhodium    | 103-1 |          |          |          | 112        |         | %     |
| Rhodium    | 103-2 |          |          |          | 110        |         | %     |
| Scandium   | 45-1  |          |          |          | 109        |         | %     |
| Scandium   | 45-2  |          |          |          | 102        |         | %     |
| Selenium   | 77-2  | 0.00     | 0.00     | 0.00     | 0.00       | N/A     | ppb   |
| Selenium   | 78-2  | 0.00     | 0.95     | 0.00     | 0.32       | 173.21  | ppb   |
| Selenium   | 82-1  | 0.55     | 0.10     | 0.01     | 0.22       | 132.84  | ppb   |
| Silicon    | 28-1  | 1025.58  | 996.14   | 981.55   | 1001.09    | 2.24    | ppb   |
| Silver     | 109-1 | 0.16     | 0.17     | 0.17     | 0.17       | 3.78    | ppb   |
| Silver     | 107-1 | 0.16     | 0.17     | 0.17     | 0.17       | 2.60    | ppb   |
| Sodium     | 23-2  | 10966.70 | 11170.48 | 10982.06 | 11039.75   | 1.03    | ppb   |
| Strontium  | 86-1  | 19.91    | 19.98    | 20.31    | 20.07      | 1.08    | ppb   |
| Strontium  | 88-1  | 20.26    | 20.52    | 20.43    | 20.41      | 0.64    | ppb   |
| Sulfur     | 34-1  | -1265.48 | -1008.31 | -943.86  | -1072.55   |         | ppb   |
| Terbium    | 159-1 |          |          |          | 116        |         | %     |
| Terbium    | 159-2 |          |          |          | 113        |         | %     |
| Thallium   | 203-1 | 0.04     | 0.03     | 0.04     | 0.04       | 13.72   | ppb   |
| Thallium   | 205-1 | 0.05     | 0.03     | 0.03     | 0.04       | 17.71   | ppb   |
| Tin        | 118-1 | 0.12     | 0.16     | 0.14     | 0.14       | 11.89   | ppb   |
| Titanium   | 47-1  | 0.39     | 0.34     | 0.26     | 0.33       | 20.71   | ppb   |
| Uranium    | 238-1 | 0.02     | 0.02     | 0.02     | 0.02       | 3.77    | ppb   |
| Vanadium   | 51-2  | 0.04     | 0.04     | 0.01     | 0.03       | 46.40   | ppb   |
| Yttrium    | 89-1  |          |          |          | 113        |         | %     |
| Yttrium    | 89-2  |          |          |          | 105        |         | %     |
| Zinc       | 66-2  | 2202.56  | 2266.63  | 2229.68  | 2232.96    | 1.44    | ppb   |

|                         |                      |                   |                     |
|-------------------------|----------------------|-------------------|---------------------|
| LB Number :             | LB97237              | Operator :        | Jaswal              |
| Lab Sample ID :         | J4353-22             | Instrumnet Name : | P8                  |
| Client Sample ID :      | 96-22-FL4-FRONT-RM-B | Dilution Factor : | 1                   |
| Date & Time Acquired :: | 2018-08-10 15:11:36  | DataFile Name :   | 056SMPL_P8081018-MS |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|-----------|------|---------|---------|---------|------------|---------|-------|
| Zirconium | 90-1 | 0.33    | 0.31    | 0.26    | 0.30       | 12.78   | ppb   |
| Zirconium | 91-1 | 0.36    | 0.36    | 0.29    | 0.34       | 12.75   | ppb   |

LB Number : LB97237 Operator : Jaswal  
 Lab Sample ID : J4353-21 Instrumnet Name : P8  
 Client Sample ID : 96-21-FL5-BACK-RM-BR Dilution Factor : 1  
 Date & Time Acquired :: 2018-08-10 15:14:56 DataFile Name : 057SMPL\_P8081018-MS

| Parameter  | Mass  | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|------------|-------|---------|---------|---------|------------|---------|-------|
| Aluminium  | 27-2  | 15.20   | 22.18   | 20.58   | 19.32      | 18.90   | ppb   |
| Antimony   | 121-1 | 0.32    | 0.31    | 0.32    | 0.31       | 2.57    | ppb   |
| Arsenic    | 75-2  | 0.26    | 0.26    | 0.36    | 0.29       | 18.91   | ppb   |
| Barium     | 135-1 | 16.26   | 15.69   | 15.44   | 15.80      | 2.66    | ppb   |
| Barium     | 137-1 | 16.12   | 15.53   | 15.84   | 15.83      | 1.84    | ppb   |
| Beryllium  | 9-1   | 0.07    | 0.04    | 0.08    | 0.06       | 29.93   | ppb   |
| Bismuth    | 209-1 |         |         |         | 116        |         | %     |
| Bismuth    | 209-2 |         |         |         | 113        |         | %     |
| Boron      | 10-1  | 8.89    | 7.41    | 7.22    | 7.84       | 11.66   | ppb   |
| Boron      | 11-1  | 8.02    | 8.15    | 8.36    | 8.18       | 2.10    | ppb   |
| Cadmium    | 111-1 | -0.03   | 0.01    | 0.05    | 0.01       | 394.38  | ppb   |
| Cadmium    | 106-1 | -0.81   | -0.12   | 0.35    | -0.19      |         | ppb   |
| Cadmium    | 108-1 | 0.07    | -0.02   | -0.02   | 0.01       | 363.09  | ppb   |
| Calcium    | 43-1  | 5524.08 | 5229.42 | 5380.38 | 5377.96    | 2.74    | ppb   |
| Calcium    | 44-1  | 5649.39 | 5369.06 | 5500.36 | 5506.27    | 2.55    | ppb   |
| Chromium   | 52-2  | 0.02    | -0.01   | 0.02    | 0.01       | 131.21  | ppb   |
| Cobalt     | 59-2  | 0.01    | 0.01    | 0.03    | 0.01       | 84.82   | ppb   |
| Copper     | 63-2  | 172.05  | 172.54  | 179.45  | 174.68     | 2.37    | ppb   |
| Dysprosium | 156-1 |         |         |         |            |         | cps   |
| Dysprosium | 156-2 |         |         |         |            |         | cps   |
| Erbium     | 164-1 |         |         |         |            |         | cps   |
| Erbium     | 164-2 |         |         |         |            |         | cps   |
| Gadolinium | 160-1 |         |         |         |            |         | cps   |
| Gadolinium | 160-2 |         |         |         |            |         | cps   |
| Holmium    | 165-1 |         |         |         | 115        |         | %     |
| Holmium    | 165-2 |         |         |         | 113        |         | %     |
| Indium     | 115-1 |         |         |         | 113        |         | %     |
| Indium     | 115-2 |         |         |         | 107        |         | %     |
| Iron       | 56-2  | 24.07   | 27.71   | 24.73   | 25.51      | 7.61    | ppb   |
| Iron       | 57-2  | 18.72   | 19.95   | 23.78   | 20.82      | 12.67   | ppb   |
| Krypton    | 83-1  |         |         |         |            |         | cps   |
| Lead       | 206-1 | 3.45    | 3.10    | 3.30    | 3.29       | 5.35    | ppb   |
| Lead       | 207-1 | 3.08    | 2.97    | 3.14    | 3.06       | 2.79    | ppb   |
| Lead       | 208-1 | 3.25    | 3.03    | 3.14    | 3.14       | 3.45    | ppb   |
| Lithium    | 6-1   |         |         |         | 111        |         | %     |
| Magnesium  | 24-2  | 1132.12 | 1172.39 | 1186.50 | 1163.67    | 2.42    | ppb   |

|                         |                      |                   |                     |
|-------------------------|----------------------|-------------------|---------------------|
| LB Number :             | LB97237              | Operator :        | Jaswal              |
| Lab Sample ID :         | J4353-21             | Instrumnet Name : | P8                  |
| Client Sample ID :      | 96-21-FL5-BACK-RM-BR | Dilution Factor : | 1                   |
| Date & Time Acquired :: | 2018-08-10 15:14:56  | DataFile Name :   | 057SMPL_P8081018-MS |

| Parameter  | Mass  | ConRep1  | ConRep2  | ConRep3  | Avg. Conc. | ConcRSD | Units |
|------------|-------|----------|----------|----------|------------|---------|-------|
| Manganese  | 55-2  | 12.65    | 12.84    | 13.72    | 13.07      | 4.36    | ppb   |
| Molybdenum | 94-1  | 0.38     | 0.36     | 0.38     | 0.37       | 3.26    | ppb   |
| Molybdenum | 95-1  | 0.09     | 0.08     | 0.08     | 0.08       | 7.62    | ppb   |
| Molybdenum | 96-1  | 0.15     | 0.13     | 0.11     | 0.13       | 16.44   | ppb   |
| Molybdenum | 97-1  | 0.13     | 0.11     | 0.07     | 0.10       | 30.28   | ppb   |
| Molybdenum | 98-1  | 0.09     | 0.13     | 0.09     | 0.10       | 24.35   | ppb   |
| Neodymium  | 150-1 |          |          |          |            |         | cps   |
| Neodymium  | 150-2 |          |          |          |            |         | cps   |
| Nickel     | 60-2  | 0.78     | 0.85     | 1.11     | 0.92       | 18.97   | ppb   |
| Phosphorus | 31-2  | 724.22   | 480.45   | 525.77   | 576.81     | 22.48   | ppb   |
| Potassium  | 39-2  | 473.41   | 464.46   | 452.23   | 463.37     | 2.29    | ppb   |
| Rhodium    | 103-1 |          |          |          | 110        |         | %     |
| Rhodium    | 103-2 |          |          |          | 109        |         | %     |
| Scandium   | 45-1  |          |          |          | 106        |         | %     |
| Scandium   | 45-2  |          |          |          | 102        |         | %     |
| Selenium   | 77-2  | 0.00     | 0.00     | 0.00     | 0.00       | N/A     | ppb   |
| Selenium   | 78-2  | 0.94     | 0.00     | 0.00     | 0.31       | 173.21  | ppb   |
| Selenium   | 82-1  | 0.51     | 0.25     | 0.50     | 0.42       | 34.86   | ppb   |
| Silicon    | 28-1  | 908.98   | 859.91   | 868.07   | 878.99     | 2.99    | ppb   |
| Silver     | 109-1 | 0.07     | 0.08     | 0.08     | 0.08       | 9.00    | ppb   |
| Silver     | 107-1 | 0.08     | 0.08     | 0.07     | 0.08       | 3.47    | ppb   |
| Sodium     | 23-2  | 11079.14 | 10884.49 | 11319.14 | 11094.26   | 1.96    | ppb   |
| Strontium  | 86-1  | 19.30    | 18.30    | 18.52    | 18.70      | 2.80    | ppb   |
| Strontium  | 88-1  | 19.28    | 18.75    | 18.63    | 18.89      | 1.83    | ppb   |
| Sulfur     | 34-1  | -695.63  | -1144.03 | -942.75  | -927.47    |         | ppb   |
| Terbium    | 159-1 |          |          |          | 115        |         | %     |
| Terbium    | 159-2 |          |          |          | 111        |         | %     |
| Thallium   | 203-1 | 0.02     | 0.01     | 0.01     | 0.01       | 42.55   | ppb   |
| Thallium   | 205-1 | 0.02     | 0.02     | 0.02     | 0.02       | 9.55    | ppb   |
| Tin        | 118-1 | 0.08     | 0.08     | 0.06     | 0.07       | 15.90   | ppb   |
| Titanium   | 47-1  | 0.41     | 0.48     | 0.46     | 0.45       | 8.76    | ppb   |
| Uranium    | 238-1 | 0.01     | 0.01     | 0.01     | 0.01       | 26.22   | ppb   |
| Vanadium   | 51-2  | 0.10     | 0.10     | 0.07     | 0.09       | 16.92   | ppb   |
| Yttrium    | 89-1  |          |          |          | 110        |         | %     |
| Yttrium    | 89-2  |          |          |          | 104        |         | %     |
| Zinc       | 66-2  | 67.19    | 64.93    | 66.56    | 66.23      | 1.76    | ppb   |

|                         |                      |                   |                     |
|-------------------------|----------------------|-------------------|---------------------|
| LB Number :             | LB97237              | Operator :        | Jaswal              |
| Lab Sample ID :         | J4353-21             | Instrumnet Name : | P8                  |
| Client Sample ID :      | 96-21-FL5-BACK-RM-BR | Dilution Factor : | 1                   |
| Date & Time Acquired :: | 2018-08-10 15:14:56  | DataFile Name :   | 057SMPL_P8081018-MS |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|-----------|------|---------|---------|---------|------------|---------|-------|
| Zirconium | 90-1 | 0.22    | 0.19    | 0.21    | 0.21       | 8.79    | ppb   |
| Zirconium | 91-1 | 0.24    | 0.20    | 0.20    | 0.21       | 10.54   | ppb   |

|                         |                     |                   |                     |
|-------------------------|---------------------|-------------------|---------------------|
| LB Number :             | LB97237             | Operator :        | Jaswal              |
| Lab Sample ID :         | PB111872BL          | Instrumnet Name : | P8                  |
| Client Sample ID :      | PB111872BL          | Dilution Factor : | 1                   |
| Date & Time Acquired :: | 2018-08-10 15:18:16 | DataFile Name :   | 058SMPL_P8081018-MS |

| Parameter  | Mass  | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD  | Units |
|------------|-------|---------|---------|---------|------------|----------|-------|
| Aluminium  | 27-2  | -0.62   | 0.88    | 0.96    | 0.41       | 219.31   | ppb   |
| Antimony   | 121-1 | 0.09    | 0.12    | 0.13    | 0.11       | 16.70    | ppb   |
| Arsenic    | 75-2  | 0.02    | -0.05   | 0.09    | 0.02       | 307.10   | ppb   |
| Barium     | 135-1 | -0.01   | 0.01    | -0.02   | -0.01      |          | ppb   |
| Barium     | 137-1 | 0.00    | -0.01   | 0.00    | 0.00       |          | ppb   |
| Beryllium  | 9-1   | 0.08    | 0.02    | 0.06    | 0.06       | 50.44    | ppb   |
| Bismuth    | 209-1 |         |         |         | 101        |          | %     |
| Bismuth    | 209-2 |         |         |         | 107        |          | %     |
| Boron      | 10-1  | 4.20    | 3.59    | 4.32    | 4.04       | 9.67     | ppb   |
| Boron      | 11-1  | 4.58    | 4.16    | 4.40    | 4.38       | 4.75     | ppb   |
| Cadmium    | 111-1 | 0.01    | 0.08    | -0.08   | 0.00       | 5215.48  | ppb   |
| Cadmium    | 106-1 | 0.01    | 1.15    | -1.16   | 0.00       | 70207.60 | ppb   |
| Cadmium    | 108-1 | 0.05    | 0.11    | 0.03    | 0.06       | 68.43    | ppb   |
| Calcium    | 43-1  | 3.40    | 12.90   | 3.84    | 6.71       | 79.88    | ppb   |
| Calcium    | 44-1  | -4.06   | -6.00   | 1.82    | -2.75      |          | ppb   |
| Chromium   | 52-2  | -0.10   | 0.03    | 0.02    | -0.02      |          | ppb   |
| Cobalt     | 59-2  | -0.03   | -0.02   | -0.03   | -0.02      |          | ppb   |
| Copper     | 63-2  | -0.26   | -0.40   | -0.33   | -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 |         |         |         | 101        |          | %     |
| Holmium    | 165-2 |         |         |         | 108        |          | %     |
| Indium     | 115-1 |         |         |         | 99         |          | %     |
| Indium     | 115-2 |         |         |         | 103        |          | %     |
| Iron       | 56-2  | 0.80    | 0.15    | 0.36    | 0.44       | 75.71    | ppb   |
| Iron       | 57-2  | 1.30    | 0.24    | 0.32    | 0.62       | 95.74    | ppb   |
| Krypton    | 83-1  |         |         |         |            |          | cps   |
| Lead       | 206-1 | 0.00    | 0.00    | 0.01    | 0.00       | 42.02    | ppb   |
| Lead       | 207-1 | 0.01    | 0.01    | 0.01    | 0.01       | 10.06    | ppb   |
| Lead       | 208-1 | -0.01   | 0.00    | 0.00    | 0.00       |          | ppb   |
| Lithium    | 6-1   |         |         |         | 97         |          | %     |
| Magnesium  | 24-2  | 0.25    | 5.38    | 2.57    | 2.73       | 93.88    | ppb   |

|                         |                     |                   |                     |
|-------------------------|---------------------|-------------------|---------------------|
| LB Number :             | LB97237             | Operator :        | Jaswal              |
| Lab Sample ID :         | PB111872BL          | Instrumnet Name : | P8                  |
| Client Sample ID :      | PB111872BL          | Dilution Factor : | 1                   |
| Date & Time Acquired :: | 2018-08-10 15:18:16 | DataFile Name :   | 058SMPL_P8081018-MS |

| Parameter  | Mass  | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|------------|-------|---------|---------|---------|------------|---------|-------|
| Manganese  | 55-2  | -0.26   | -0.30   | -0.29   | -0.29      |         | ppb   |
| Molybdenum | 94-1  | 0.03    | 0.03    | 0.01    | 0.02       | 41.48   | ppb   |
| Molybdenum | 95-1  | 0.02    | 0.05    | 0.05    | 0.04       | 39.84   | ppb   |
| Molybdenum | 96-1  | 0.05    | 0.05    | 0.03    | 0.05       | 22.57   | ppb   |
| Molybdenum | 97-1  | 0.07    | 0.02    | 0.08    | 0.06       | 50.03   | ppb   |
| Molybdenum | 98-1  | 0.04    | 0.05    | 0.06    | 0.05       | 17.59   | ppb   |
| Neodymium  | 150-1 |         |         |         |            |         | cps   |
| Neodymium  | 150-2 |         |         |         |            |         | cps   |
| Nickel     | 60-2  | -0.18   | -0.19   | -0.07   | -0.15      |         | ppb   |
| Phosphorus | 31-2  | 10.14   | 9.87    | 39.54   | 19.85      | 85.88   | ppb   |
| Potassium  | 39-2  | -5.24   | 15.10   | -2.78   | 2.36       | 470.61  | ppb   |
| Rhodium    | 103-1 |         |         |         | 99         |         | %     |
| Rhodium    | 103-2 |         |         |         | 105        |         | %     |
| Scandium   | 45-1  |         |         |         | 95         |         | %     |
| Scandium   | 45-2  |         |         |         | 96         |         | %     |
| Selenium   | 77-2  | 0.00    | 0.00    | 0.00    | 0.00       | N/A     | ppb   |
| Selenium   | 78-2  | 0.97    | 0.98    | 0.00    | 0.65       | 86.60   | ppb   |
| Selenium   | 82-1  | 0.15    | 0.06    | -0.13   | 0.03       | 519.52  | ppb   |
| Silicon    | 28-1  | 0.25    | -0.65   | 15.27   | 4.95       | 180.49  | ppb   |
| Silver     | 109-1 | 0.03    | 0.04    | 0.03    | 0.03       | 17.44   | ppb   |
| Silver     | 107-1 | 0.03    | 0.03    | 0.04    | 0.03       | 20.71   | ppb   |
| Sodium     | 23-2  | -1.43   | 1.62    | 10.15   | 3.45       | 174.14  | ppb   |
| Strontium  | 86-1  | 0.02    | 0.02    | 0.08    | 0.04       | 94.33   | ppb   |
| Strontium  | 88-1  | 0.00    | 0.01    | 0.01    | 0.01       | 45.76   | ppb   |
| Sulfur     | 34-1  | -897.85 | -998.04 | 1114.23 | -260.55    |         | ppb   |
| Terbium    | 159-1 |         |         |         | 101        |         | %     |
| Terbium    | 159-2 |         |         |         | 107        |         | %     |
| Thallium   | 203-1 | 0.00    | 0.01    | 0.01    | 0.01       | 43.52   | ppb   |
| Thallium   | 205-1 | 0.01    | 0.01    | 0.02    | 0.01       | 37.17   | ppb   |
| Tin        | 118-1 | 0.03    | 0.05    | 0.09    | 0.06       | 57.60   | ppb   |
| Titanium   | 47-1  | 0.00    | -0.03   | -0.05   | -0.03      |         | ppb   |
| Uranium    | 238-1 | 0.00    | 0.00    | 0.00    | 0.00       |         | ppb   |
| Vanadium   | 51-2  | 0.00    | 0.02    | 0.00    | 0.00       | 207.52  | ppb   |
| Yttrium    | 89-1  |         |         |         | 98         |         | %     |
| Yttrium    | 89-2  |         |         |         | 101        |         | %     |
| Zinc       | 66-2  | 0.74    | 0.24    | 0.59    | 0.52       | 49.35   | ppb   |

|                         |                     |                   |                     |
|-------------------------|---------------------|-------------------|---------------------|
| LB Number :             | LB97237             | Operator :        | Jaswal              |
| Lab Sample ID :         | PB111872BL          | Instrumnet Name : | P8                  |
| Client Sample ID :      | PB111872BL          | Dilution Factor : | 1                   |
| Date & Time Acquired :: | 2018-08-10 15:18:16 | DataFile Name :   | 058SMPL_P8081018-MS |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|-----------|------|---------|---------|---------|------------|---------|-------|
| Zirconium | 90-1 | -0.01   | 0.00    | 0.01    | 0.00       |         | ppb   |
| Zirconium | 91-1 | 0.02    | 0.01    | 0.00    | 0.01       | 115.44  | ppb   |



|                         |                     |                   |                     |
|-------------------------|---------------------|-------------------|---------------------|
| LB Number :             | LB97237             | Operator :        | Jaswal              |
| Lab Sample ID :         | PB111872BS          | Instrumnet Name : | P8                  |
| Client Sample ID :      | PB111872BS          | Dilution Factor : | 1                   |
| Date & Time Acquired :: | 2018-08-10 15:21:36 | DataFile Name :   | 059SMPL_P8081018-MS |

| Parameter  | Mass  | ConRep1  | ConRep2  | ConRep3  | Avg. Conc. | ConcRSD | Units |
|------------|-------|----------|----------|----------|------------|---------|-------|
| Aluminium  | 27-2  | 9594.22  | 9706.92  | 9763.45  | 9688.19    | 0.89    | ppb   |
| Antimony   | 121-1 | 488.40   | 503.01   | 500.60   | 497.33     | 1.57    | ppb   |
| Arsenic    | 75-2  | 484.79   | 495.68   | 490.39   | 490.29     | 1.11    | ppb   |
| Barium     | 135-1 | 2442.31  | 2486.51  | 2510.47  | 2479.76    | 1.39    | ppb   |
| Barium     | 137-1 | 2428.01  | 2486.50  | 2466.08  | 2460.20    | 1.21    | ppb   |
| Beryllium  | 9-1   | 475.91   | 483.36   | 479.26   | 479.51     | 0.78    | ppb   |
| Bismuth    | 209-1 |          |          |          | 106        |         | %     |
| Bismuth    | 209-2 |          |          |          | 106        |         | %     |
| Boron      | 10-1  | 436.62   | 459.76   | 465.97   | 454.12     | 3.41    | ppb   |
| Boron      | 11-1  | 437.69   | 462.32   | 471.68   | 457.23     | 3.84    | ppb   |
| Cadmium    | 111-1 | 479.47   | 492.01   | 490.66   | 487.38     | 1.41    | ppb   |
| Cadmium    | 106-1 | 485.58   | 493.99   | 483.21   | 487.59     | 1.16    | ppb   |
| Cadmium    | 108-1 | 480.76   | 491.16   | 492.36   | 488.09     | 1.31    | ppb   |
| Calcium    | 43-1  | 46920.83 | 47848.13 | 48034.67 | 47601.21   | 1.25    | ppb   |
| Calcium    | 44-1  | 46992.85 | 48359.80 | 48297.10 | 47883.25   | 1.61    | ppb   |
| Chromium   | 52-2  | 489.61   | 500.87   | 500.99   | 497.16     | 1.32    | ppb   |
| Cobalt     | 59-2  | 494.67   | 499.73   | 502.23   | 498.87     | 0.77    | ppb   |
| Copper     | 63-2  | 999.42   | 1015.67  | 1017.29  | 1010.79    | 0.98    | ppb   |
| Dysprosium | 156-1 |          |          |          |            |         | cps   |
| Dysprosium | 156-2 |          |          |          |            |         | cps   |
| Erbium     | 164-1 |          |          |          |            |         | cps   |
| Erbium     | 164-2 |          |          |          |            |         | cps   |
| Gadolinium | 160-1 |          |          |          |            |         | cps   |
| Gadolinium | 160-2 |          |          |          |            |         | cps   |
| Holmium    | 165-1 |          |          |          | 108        |         | %     |
| Holmium    | 165-2 |          |          |          | 110        |         | %     |
| Indium     | 115-1 |          |          |          | 104        |         | %     |
| Indium     | 115-2 |          |          |          | 101        |         | %     |
| Iron       | 56-2  | 26428.44 | 26601.81 | 26638.66 | 26556.30   | 0.42    | ppb   |
| Iron       | 57-2  | 25813.98 | 26373.58 | 26193.86 | 26127.14   | 1.09    | ppb   |
| Krypton    | 83-1  |          |          |          |            |         | cps   |
| Lead       | 206-1 | 492.36   | 509.18   | 502.61   | 501.38     | 1.69    | ppb   |
| Lead       | 207-1 | 492.53   | 515.20   | 509.75   | 505.83     | 2.34    | ppb   |
| Lead       | 208-1 | 488.13   | 508.54   | 503.30   | 499.99     | 2.12    | ppb   |
| Lithium    | 6-1   |          |          |          | 102        |         | %     |
| Magnesium  | 24-2  | 50687.62 | 50974.47 | 51626.23 | 51096.11   | 0.94    | ppb   |

|                         |                     |                   |                     |
|-------------------------|---------------------|-------------------|---------------------|
| LB Number :             | LB97237             | Operator :        | Jaswal              |
| Lab Sample ID :         | PB111872BS          | Instrumnet Name : | P8                  |
| Client Sample ID :      | PB111872BS          | Dilution Factor : | 1                   |
| Date & Time Acquired :: | 2018-08-10 15:21:36 | DataFile Name :   | 059SMPL_P8081018-MS |

| Parameter  | Mass  | ConRep1  | ConRep2  | ConRep3  | Avg. Conc. | ConcRSD | Units |
|------------|-------|----------|----------|----------|------------|---------|-------|
| Manganese  | 55-2  | 980.33   | 995.58   | 990.31   | 988.74     | 0.78    | ppb   |
| Molybdenum | 94-1  | 2403.55  | 2490.35  | 2487.73  | 2460.54    | 2.01    | ppb   |
| Molybdenum | 95-1  | 2392.46  | 2487.64  | 2501.96  | 2460.69    | 2.42    | ppb   |
| Molybdenum | 96-1  | 2394.63  | 2472.36  | 2479.71  | 2448.90    | 1.93    | ppb   |
| Molybdenum | 97-1  | 2413.47  | 2500.98  | 2498.99  | 2471.15    | 2.02    | ppb   |
| Molybdenum | 98-1  | 2399.54  | 2514.85  | 2496.23  | 2470.21    | 2.51    | ppb   |
| Neodymium  | 150-1 |          |          |          |            |         | cps   |
| Neodymium  | 150-2 |          |          |          |            |         | cps   |
| Nickel     | 60-2  | 506.87   | 510.18   | 506.37   | 507.81     | 0.41    | ppb   |
| Phosphorus | 31-2  | 10021.28 | 10098.70 | 11331.49 | 10483.82   | 7.01    | ppb   |
| Potassium  | 39-2  | 23990.34 | 24001.70 | 24231.24 | 24074.43   | 0.56    | ppb   |
| Rhodium    | 103-1 |          |          |          | 101        |         | %     |
| Rhodium    | 103-2 |          |          |          | 102        |         | %     |
| Scandium   | 45-1  |          |          |          | 102        |         | %     |
| Scandium   | 45-2  |          |          |          | 99         |         | %     |
| Selenium   | 77-2  | 467.38   | 420.12   | 482.63   | 456.71     | 7.14    | ppb   |
| Selenium   | 78-2  | 424.81   | 496.41   | 460.67   | 460.63     | 7.77    | ppb   |
| Selenium   | 82-1  | 479.88   | 499.36   | 498.59   | 492.61     | 2.24    | ppb   |
| Silicon    | 28-1  | 521.59   | 540.37   | 541.81   | 534.59     | 2.11    | ppb   |
| Silver     | 109-1 | 493.16   | 507.79   | 502.58   | 501.18     | 1.48    | ppb   |
| Silver     | 107-1 | 489.35   | 507.13   | 503.04   | 499.84     | 1.86    | ppb   |
| Sodium     | 23-2  | 50934.60 | 50707.51 | 51761.77 | 51134.63   | 1.09    | ppb   |
| Strontium  | 86-1  | 471.27   | 489.38   | 489.42   | 483.36     | 2.17    | ppb   |
| Strontium  | 88-1  | 481.19   | 500.17   | 501.63   | 494.33     | 2.31    | ppb   |
| Sulfur     | 34-1  | 8142.56  | 9093.24  | 8628.38  | 8621.39    | 5.51    | ppb   |
| Terbium    | 159-1 |          |          |          | 108        |         | %     |
| Terbium    | 159-2 |          |          |          | 109        |         | %     |
| Thallium   | 203-1 | 490.26   | 507.95   | 502.22   | 500.15     | 1.80    | ppb   |
| Thallium   | 205-1 | 483.77   | 503.37   | 499.64   | 495.59     | 2.10    | ppb   |
| Tin        | 118-1 | 491.62   | 505.67   | 505.83   | 501.04     | 1.63    | ppb   |
| Titanium   | 47-1  | 2452.71  | 2493.09  | 2477.28  | 2474.36    | 0.82    | ppb   |
| Uranium    | 238-1 | 475.11   | 499.86   | 493.65   | 489.54     | 2.63    | ppb   |
| Vanadium   | 51-2  | 492.66   | 498.61   | 498.53   | 496.60     | 0.69    | ppb   |
| Yttrium    | 89-1  |          |          |          | 105        |         | %     |
| Yttrium    | 89-2  |          |          |          | 102        |         | %     |
| Zinc       | 66-2  | 979.36   | 1020.80  | 1012.74  | 1004.30    | 2.19    | ppb   |

|                         |                     |                   |                     |
|-------------------------|---------------------|-------------------|---------------------|
| LB Number :             | LB97237             | Operator :        | Jaswal              |
| Lab Sample ID :         | PB111872BS          | Instrumnet Name : | P8                  |
| Client Sample ID :      | PB111872BS          | Dilution Factor : | 1                   |
| Date & Time Acquired :: | 2018-08-10 15:21:36 | DataFile Name :   | 059SMPL_P8081018-MS |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|-----------|------|---------|---------|---------|------------|---------|-------|
| Zirconium | 90-1 | 481.14  | 501.59  | 498.00  | 493.58     | 2.21    | ppb   |
| Zirconium | 91-1 | 478.28  | 488.81  | 490.12  | 485.74     | 1.34    | ppb   |

|                         |                     |                   |                     |
|-------------------------|---------------------|-------------------|---------------------|
| LB Number :             | LB97237             | Operator :        | Jaswal              |
| Lab Sample ID :         | J4354-01            | Instrumnet Name : | P8                  |
| Client Sample ID :      | 67-1-CAFE-WC-BSMT   | Dilution Factor : | 1                   |
| Date & Time Acquired :: | 2018-08-10 15:24:48 | DataFile Name :   | 060SMPL_P8081018-MS |

| Parameter  | Mass  | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|------------|-------|---------|---------|---------|------------|---------|-------|
| Aluminium  | 27-2  | 13.02   | 14.36   | 13.97   | 13.78      | 5.01    | ppb   |
| Antimony   | 121-1 | 0.96    | 0.84    | 0.83    | 0.88       | 8.43    | ppb   |
| Arsenic    | 75-2  | 0.17    | 0.20    | 0.60    | 0.32       | 74.06   | ppb   |
| Barium     | 135-1 | 15.01   | 14.77   | 14.63   | 14.81      | 1.30    | ppb   |
| Barium     | 137-1 | 15.24   | 14.94   | 14.54   | 14.90      | 2.38    | ppb   |
| Beryllium  | 9-1   | 0.18    | 0.24    | 0.17    | 0.20       | 18.44   | ppb   |
| Bismuth    | 209-1 |         |         |         | 118        |         | %     |
| Bismuth    | 209-2 |         |         |         | 114        |         | %     |
| Boron      | 10-1  | 20.20   | 19.15   | 16.10   | 18.48      | 11.52   | ppb   |
| Boron      | 11-1  | 20.62   | 18.84   | 17.97   | 19.14      | 7.08    | ppb   |
| Cadmium    | 111-1 | 0.06    | 0.04    | 0.04    | 0.05       | 27.20   | ppb   |
| Cadmium    | 106-1 | -0.06   | -0.23   | -0.41   | -0.23      |         | ppb   |
| Cadmium    | 108-1 | 0.13    | 0.18    | 0.12    | 0.15       | 22.74   | ppb   |
| Calcium    | 43-1  | 5415.95 | 5249.31 | 5155.96 | 5273.74    | 2.50    | ppb   |
| Calcium    | 44-1  | 5452.24 | 5402.16 | 5271.72 | 5375.37    | 1.73    | ppb   |
| Chromium   | 52-2  | 0.29    | 0.20    | 0.19    | 0.23       | 23.21   | ppb   |
| Cobalt     | 59-2  | 0.01    | 0.01    | 0.01    | 0.01       | 32.21   | ppb   |
| Copper     | 63-2  | 6.48    | 6.08    | 6.09    | 6.22       | 3.60    | ppb   |
| Dysprosium | 156-1 |         |         |         |            |         | cps   |
| Dysprosium | 156-2 |         |         |         |            |         | cps   |
| Erbium     | 164-1 |         |         |         |            |         | cps   |
| Erbium     | 164-2 |         |         |         |            |         | cps   |
| Gadolinium | 160-1 |         |         |         |            |         | cps   |
| Gadolinium | 160-2 |         |         |         |            |         | cps   |
| Holmium    | 165-1 |         |         |         | 117        |         | %     |
| Holmium    | 165-2 |         |         |         | 113        |         | %     |
| Indium     | 115-1 |         |         |         | 114        |         | %     |
| Indium     | 115-2 |         |         |         | 107        |         | %     |
| Iron       | 56-2  | 6.54    | 6.32    | 6.14    | 6.33       | 3.16    | ppb   |
| Iron       | 57-2  | 5.12    | 8.02    | 5.61    | 6.25       | 24.86   | ppb   |
| Krypton    | 83-1  |         |         |         |            |         | cps   |
| Lead       | 206-1 | 0.10    | 0.09    | 0.08    | 0.09       | 12.80   | ppb   |
| Lead       | 207-1 | 0.09    | 0.09    | 0.08    | 0.09       | 5.77    | ppb   |
| Lead       | 208-1 | 0.10    | 0.08    | 0.08    | 0.09       | 8.82    | ppb   |
| Lithium    | 6-1   |         |         |         | 112        |         | %     |
| Magnesium  | 24-2  | 1188.31 | 1149.79 | 1168.72 | 1168.94    | 1.65    | ppb   |

|                         |                     |                   |                     |
|-------------------------|---------------------|-------------------|---------------------|
| LB Number :             | LB97237             | Operator :        | Jaswal              |
| Lab Sample ID :         | J4354-01            | Instrumnet Name : | P8                  |
| Client Sample ID :      | 67-1-CAFE-WC-BSMT   | Dilution Factor : | 1                   |
| Date & Time Acquired :: | 2018-08-10 15:24:48 | DataFile Name :   | 060SMPL_P8081018-MS |

| Parameter  | Mass  | ConRep1  | ConRep2  | ConRep3  | Avg. Conc. | ConcRSD | Units |
|------------|-------|----------|----------|----------|------------|---------|-------|
| Manganese  | 55-2  | 5.11     | 5.39     | 5.96     | 5.48       | 7.90    | ppb   |
| Molybdenum | 94-1  | 1.42     | 1.30     | 0.98     | 1.23       | 18.72   | ppb   |
| Molybdenum | 95-1  | 1.06     | 0.79     | 0.73     | 0.86       | 20.35   | ppb   |
| Molybdenum | 96-1  | 1.16     | 0.88     | 0.80     | 0.95       | 19.91   | ppb   |
| Molybdenum | 97-1  | 0.96     | 0.77     | 0.70     | 0.81       | 16.92   | ppb   |
| Molybdenum | 98-1  | 0.98     | 0.88     | 0.75     | 0.87       | 13.37   | ppb   |
| Neodymium  | 150-1 |          |          |          |            |         | cps   |
| Neodymium  | 150-2 |          |          |          |            |         | cps   |
| Nickel     | 60-2  | 0.93     | 0.78     | 1.00     | 0.90       | 12.02   | ppb   |
| Phosphorus | 31-2  | 681.63   | 889.83   | 1083.87  | 885.11     | 22.73   | ppb   |
| Potassium  | 39-2  | 523.39   | 504.59   | 507.51   | 511.83     | 1.98    | ppb   |
| Rhodium    | 103-1 |          |          |          | 112        |         | %     |
| Rhodium    | 103-2 |          |          |          | 109        |         | %     |
| Scandium   | 45-1  |          |          |          | 108        |         | %     |
| Scandium   | 45-2  |          |          |          | 101        |         | %     |
| Selenium   | 77-2  | 0.00     | 5.96     | 0.00     | 1.99       | 173.21  | ppb   |
| Selenium   | 78-2  | 0.00     | 0.00     | 0.00     | 0.00       | N/A     | ppb   |
| Selenium   | 82-1  | -0.35    | 0.63     | 0.14     | 0.14       | 350.93  | ppb   |
| Silicon    | 28-1  | 1164.91  | 1132.22  | 1113.90  | 1137.01    | 2.27    | ppb   |
| Silver     | 109-1 | 0.09     | 0.07     | 0.09     | 0.08       | 8.91    | ppb   |
| Silver     | 107-1 | 0.10     | 0.09     | 0.09     | 0.10       | 2.06    | ppb   |
| Sodium     | 23-2  | 10813.44 | 10680.86 | 10665.44 | 10719.91   | 0.76    | ppb   |
| Strontium  | 86-1  | 18.79    | 18.67    | 18.62    | 18.69      | 0.48    | ppb   |
| Strontium  | 88-1  | 18.99    | 18.74    | 18.56    | 18.76      | 1.16    | ppb   |
| Sulfur     | 34-1  | -1026.23 | -1023.23 | -1290.43 | -1113.30   |         | ppb   |
| Terbium    | 159-1 |          |          |          | 116        |         | %     |
| Terbium    | 159-2 |          |          |          | 112        |         | %     |
| Thallium   | 203-1 | 0.17     | 0.14     | 0.09     | 0.14       | 32.88   | ppb   |
| Thallium   | 205-1 | 0.18     | 0.13     | 0.11     | 0.14       | 24.06   | ppb   |
| Tin        | 118-1 | 0.38     | 0.32     | 0.31     | 0.33       | 11.22   | ppb   |
| Titanium   | 47-1  | 0.48     | 0.31     | 0.43     | 0.41       | 21.33   | ppb   |
| Uranium    | 238-1 | 0.02     | 0.01     | 0.01     | 0.01       | 33.50   | ppb   |
| Vanadium   | 51-2  | 0.03     | 0.02     | 0.03     | 0.03       | 25.32   | ppb   |
| Yttrium    | 89-1  |          |          |          | 112        |         | %     |
| Yttrium    | 89-2  |          |          |          | 104        |         | %     |
| Zinc       | 66-2  | 22.98    | 21.01    | 20.80    | 21.60      | 5.56    | ppb   |

|                         |                     |                   |                     |
|-------------------------|---------------------|-------------------|---------------------|
| LB Number :             | LB97237             | Operator :        | Jaswal              |
| Lab Sample ID :         | J4354-01            | Instrumnet Name : | P8                  |
| Client Sample ID :      | 67-1-CAFE-WC-BSMT   | Dilution Factor : | 1                   |
| Date & Time Acquired :: | 2018-08-10 15:24:48 | DataFile Name :   | 060SMPL_P8081018-MS |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|-----------|------|---------|---------|---------|------------|---------|-------|
| Zirconium | 90-1 | 0.50    | 0.47    | 0.39    | 0.45       | 12.81   | ppb   |
| Zirconium | 91-1 | 0.51    | 0.50    | 0.34    | 0.45       | 21.82   | ppb   |

|                         |                     |                   |                     |
|-------------------------|---------------------|-------------------|---------------------|
| LB Number :             | LB97237             | Operator :        | Jaswal              |
| Lab Sample ID :         | J4354-01DUP         | Instrumnet Name : | P8                  |
| Client Sample ID :      | 67-1-CAFE-WC-BSMTDL | Dilution Factor : | 1                   |
| Date & Time Acquired :: | 2018-08-10 15:28:08 | DataFile Name :   | 061SMPL_P8081018-MS |

| Parameter  | Mass  | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|------------|-------|---------|---------|---------|------------|---------|-------|
| Aluminium  | 27-2  | 11.38   | 18.39   | 13.19   | 14.32      | 25.41   | ppb   |
| Antimony   | 121-1 | 0.35    | 0.38    | 0.35    | 0.36       | 4.87    | ppb   |
| Arsenic    | 75-2  | 0.29    | 0.51    | 0.44    | 0.41       | 28.17   | ppb   |
| Barium     | 135-1 | 15.27   | 14.78   | 14.77   | 14.94      | 1.93    | ppb   |
| Barium     | 137-1 | 14.68   | 15.15   | 14.90   | 14.91      | 1.58    | ppb   |
| Beryllium  | 9-1   | 0.10    | 0.09    | 0.12    | 0.10       | 14.77   | ppb   |
| Bismuth    | 209-1 |         |         |         | 117        |         | %     |
| Bismuth    | 209-2 |         |         |         | 110        |         | %     |
| Boron      | 10-1  | 10.03   | 10.24   | 9.88    | 10.05      | 1.81    | ppb   |
| Boron      | 11-1  | 10.81   | 10.15   | 9.60    | 10.19      | 5.94    | ppb   |
| Cadmium    | 111-1 | 0.04    | -0.03   | -0.06   | -0.02      |         | ppb   |
| Cadmium    | 106-1 | 0.23    | -0.75   | -1.17   | -0.56      |         | ppb   |
| Cadmium    | 108-1 | 0.13    | -0.02   | 0.16    | 0.09       | 102.51  | ppb   |
| Calcium    | 43-1  | 5347.90 | 5160.62 | 5338.77 | 5282.43    | 2.00    | ppb   |
| Calcium    | 44-1  | 5509.29 | 5267.49 | 5345.65 | 5374.15    | 2.30    | ppb   |
| Chromium   | 52-2  | 0.19    | 0.29    | 0.17    | 0.22       | 30.62   | ppb   |
| Cobalt     | 59-2  | 0.01    | 0.01    | 0.01    | 0.01       | 5.20    | ppb   |
| Copper     | 63-2  | 5.68    | 6.54    | 6.26    | 6.16       | 7.12    | 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 |         |         |         | 115        |         | %     |
| Holmium    | 165-2 |         |         |         | 109        |         | %     |
| Indium     | 115-1 |         |         |         | 113        |         | %     |
| Indium     | 115-2 |         |         |         | 103        |         | %     |
| Iron       | 56-2  | 5.70    | 6.38    | 5.93    | 6.00       | 5.83    | ppb   |
| Iron       | 57-2  | 4.04    | 8.92    | 7.03    | 6.66       | 36.92   | ppb   |
| Krypton    | 83-1  |         |         |         |            |         | cps   |
| Lead       | 206-1 | 0.05    | 0.06    | 0.06    | 0.06       | 8.82    | ppb   |
| Lead       | 207-1 | 0.06    | 0.07    | 0.07    | 0.06       | 6.13    | ppb   |
| Lead       | 208-1 | 0.06    | 0.06    | 0.06    | 0.06       | 2.97    | ppb   |
| Lithium    | 6-1   |         |         |         | 111        |         | %     |
| Magnesium  | 24-2  | 1171.13 | 1216.69 | 1250.82 | 1212.88    | 3.30    | ppb   |

|                         |                     |                   |                     |
|-------------------------|---------------------|-------------------|---------------------|
| LB Number :             | LB97237             | Operator :        | Jaswal              |
| Lab Sample ID :         | J4354-01DUP         | Instrumnet Name : | P8                  |
| Client Sample ID :      | 67-1-CAFE-WC-BSMTDL | Dilution Factor : | 1                   |
| Date & Time Acquired :: | 2018-08-10 15:28:08 | DataFile Name :   | 061SMPL_P8081018-MS |

| Parameter  | Mass  | ConRep1  | ConRep2  | ConRep3  | Avg. Conc. | ConcRSD | Units |
|------------|-------|----------|----------|----------|------------|---------|-------|
| Manganese  | 55-2  | 5.35     | 6.51     | 6.11     | 5.99       | 9.77    | ppb   |
| Molybdenum | 94-1  | 0.49     | 0.49     | 0.42     | 0.47       | 8.06    | ppb   |
| Molybdenum | 95-1  | 0.28     | 0.22     | 0.23     | 0.24       | 13.54   | ppb   |
| Molybdenum | 96-1  | 0.29     | 0.23     | 0.24     | 0.25       | 13.10   | ppb   |
| Molybdenum | 97-1  | 0.29     | 0.27     | 0.25     | 0.27       | 8.52    | ppb   |
| Molybdenum | 98-1  | 0.31     | 0.24     | 0.23     | 0.26       | 16.36   | ppb   |
| Neodymium  | 150-1 |          |          |          |            |         | cps   |
| Neodymium  | 150-2 |          |          |          |            |         | cps   |
| Nickel     | 60-2  | 1.09     | 1.03     | 0.90     | 1.01       | 9.25    | ppb   |
| Phosphorus | 31-2  | 964.71   | 707.56   | 939.34   | 870.53     | 16.28   | ppb   |
| Potassium  | 39-2  | 518.60   | 576.58   | 503.67   | 532.95     | 7.23    | ppb   |
| Rhodium    | 103-1 |          |          |          | 111        |         | %     |
| Rhodium    | 103-2 |          |          |          | 106        |         | %     |
| Scandium   | 45-1  |          |          |          | 106        |         | %     |
| Scandium   | 45-2  |          |          |          | 97         |         | %     |
| Selenium   | 77-2  | 0.00     | 0.00     | 0.00     | 0.00       | N/A     | ppb   |
| Selenium   | 78-2  | 0.00     | 1.04     | 3.94     | 1.66       | 123.06  | ppb   |
| Selenium   | 82-1  | -0.02    | -0.39    | -0.32    | -0.24      |         | ppb   |
| Silicon    | 28-1  | 1164.80  | 1127.16  | 1152.78  | 1148.25    | 1.67    | ppb   |
| Silver     | 109-1 | 0.11     | 0.06     | 0.06     | 0.08       | 35.22   | ppb   |
| Silver     | 107-1 | 0.05     | 0.07     | 0.06     | 0.06       | 9.32    | ppb   |
| Sodium     | 23-2  | 10600.58 | 11391.25 | 11126.26 | 11039.36   | 3.65    | ppb   |
| Strontium  | 86-1  | 18.86    | 18.77    | 18.14    | 18.59      | 2.13    | ppb   |
| Strontium  | 88-1  | 19.15    | 18.63    | 18.76    | 18.85      | 1.44    | ppb   |
| Sulfur     | 34-1  | -933.92  | -1316.01 | -1027.19 | -1092.37   |         | ppb   |
| Terbium    | 159-1 |          |          |          | 115        |         | %     |
| Terbium    | 159-2 |          |          |          | 108        |         | %     |
| Thallium   | 203-1 | 0.03     | 0.02     | 0.02     | 0.02       | 31.01   | ppb   |
| Thallium   | 205-1 | 0.04     | 0.03     | 0.03     | 0.03       | 7.92    | ppb   |
| Tin        | 118-1 | 0.10     | 0.07     | 0.11     | 0.09       | 24.47   | ppb   |
| Titanium   | 47-1  | 0.28     | 0.32     | 0.32     | 0.31       | 6.70    | ppb   |
| Uranium    | 238-1 | 0.00     | 0.00     | 0.00     | 0.00       | 30.92   | ppb   |
| Vanadium   | 51-2  | 0.04     | 0.04     | 0.03     | 0.04       | 15.33   | ppb   |
| Yttrium    | 89-1  |          |          |          | 111        |         | %     |
| Yttrium    | 89-2  |          |          |          | 100        |         | %     |
| Zinc       | 66-2  | 19.15    | 22.86    | 22.36    | 21.46      | 9.38    | ppb   |



|                         |                     |                   |                     |
|-------------------------|---------------------|-------------------|---------------------|
| LB Number :             | LB97237             | Operator :        | Jaswal              |
| Lab Sample ID :         | J4354-01DUP         | Instrumnet Name : | P8                  |
| Client Sample ID :      | 67-1-CAFE-WC-BSMTDL | Dilution Factor : | 1                   |
| Date & Time Acquired :: | 2018-08-10 15:28:08 | DataFile Name :   | 061SMPL_P8081018-MS |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|-----------|------|---------|---------|---------|------------|---------|-------|
| Zirconium | 90-1 | 0.23    | 0.21    | 0.17    | 0.21       | 15.10   | ppb   |
| Zirconium | 91-1 | 0.25    | 0.28    | 0.17    | 0.23       | 24.36   | ppb   |

|                         |                     |                   |                     |
|-------------------------|---------------------|-------------------|---------------------|
| LB Number :             | LB97237             | Operator :        | Jaswal              |
| Lab Sample ID :         | J4354-01LX5         | Instrumnet Name : | P8                  |
| Client Sample ID :      | 67-1-CAFE-WC-BSMTL  | Dilution Factor : | 5                   |
| Date & Time Acquired :: | 2018-08-10 15:31:28 | DataFile Name :   | 062SMPL_P8081018-MS |

| Parameter  | Mass  | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|------------|-------|---------|---------|---------|------------|---------|-------|
| Aluminium  | 27-2  | 3.63    | 4.14    | 0.47    | 2.75       | 72.40   | ppb   |
| Antimony   | 121-1 | 0.19    | 0.22    | 0.21    | 0.20       | 8.12    | ppb   |
| Arsenic    | 75-2  | 0.10    | 0.09    | 0.03    | 0.07       | 54.99   | ppb   |
| Barium     | 135-1 | 3.11    | 2.81    | 2.89    | 2.94       | 5.29    | ppb   |
| Barium     | 137-1 | 2.87    | 2.63    | 2.93    | 2.81       | 5.58    | ppb   |
| Beryllium  | 9-1   | 0.10    | 0.04    | 0.09    | 0.08       | 37.95   | ppb   |
| Bismuth    | 209-1 |         |         |         | 107        |         | %     |
| Bismuth    | 209-2 |         |         |         | 105        |         | %     |
| Boron      | 10-1  | 6.15    | 6.04    | 6.42    | 6.20       | 3.15    | ppb   |
| Boron      | 11-1  | 6.91    | 6.80    | 6.66    | 6.79       | 1.82    | ppb   |
| Cadmium    | 111-1 | -0.01   | -0.04   | -0.07   | -0.04      |         | ppb   |
| Cadmium    | 106-1 | -0.36   | -0.57   | -1.00   | -0.64      |         | ppb   |
| Cadmium    | 108-1 | 0.02    | 0.20    | 0.05    | 0.09       | 109.21  | ppb   |
| Calcium    | 43-1  | 1042.61 | 1048.75 | 1023.86 | 1038.41    | 1.25    | ppb   |
| Calcium    | 44-1  | 989.87  | 990.07  | 1027.08 | 1002.34    | 2.14    | ppb   |
| Chromium   | 52-2  | 0.01    | 0.09    | 0.07    | 0.06       | 73.92   | ppb   |
| Cobalt     | 59-2  | -0.01   | -0.02   | -0.02   | -0.02      |         | ppb   |
| Copper     | 63-2  | 0.95    | 0.98    | 1.03    | 0.99       | 4.34    | 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 |         |         |         | 107        |         | %     |
| Holmium    | 165-2 |         |         |         | 106        |         | %     |
| Indium     | 115-1 |         |         |         | 104        |         | %     |
| Indium     | 115-2 |         |         |         | 100        |         | %     |
| Iron       | 56-2  | 1.76    | 1.24    | 1.52    | 1.51       | 17.12   | ppb   |
| Iron       | 57-2  | 1.42    | 3.54    | 0.35    | 1.77       | 91.68   | ppb   |
| Krypton    | 83-1  |         |         |         |            |         | cps   |
| Lead       | 206-1 | 0.01    | 0.02    | 0.00    | 0.01       | 84.43   | ppb   |
| Lead       | 207-1 | 0.01    | 0.01    | 0.02    | 0.01       | 40.75   | ppb   |
| Lead       | 208-1 | 0.01    | 0.01    | 0.01    | 0.01       | 27.56   | ppb   |
| Lithium    | 6-1   |         |         |         | 101        |         | %     |
| Magnesium  | 24-2  | 242.09  | 220.18  | 249.05  | 237.11     | 6.35    | ppb   |

|                         |                     |                   |                     |
|-------------------------|---------------------|-------------------|---------------------|
| LB Number :             | LB97237             | Operator :        | Jaswal              |
| Lab Sample ID :         | J4354-01LX5         | Instrumnet Name : | P8                  |
| Client Sample ID :      | 67-1-CAFE-WC-BSMTL  | Dilution Factor : | 5                   |
| Date & Time Acquired :: | 2018-08-10 15:31:28 | DataFile Name :   | 062SMPL_P8081018-MS |

| Parameter  | Mass  | ConRep1  | ConRep2  | ConRep3 | Avg. Conc. | ConcRSD | Units |
|------------|-------|----------|----------|---------|------------|---------|-------|
| Manganese  | 55-2  | 0.71     | 0.89     | 0.88    | 0.83       | 12.12   | ppb   |
| Molybdenum | 94-1  | 0.12     | 0.17     | 0.11    | 0.13       | 21.37   | ppb   |
| Molybdenum | 95-1  | 0.12     | 0.10     | 0.12    | 0.11       | 10.37   | ppb   |
| Molybdenum | 96-1  | 0.09     | 0.14     | 0.15    | 0.12       | 24.20   | ppb   |
| Molybdenum | 97-1  | 0.13     | 0.14     | 0.10    | 0.13       | 15.89   | ppb   |
| Molybdenum | 98-1  | 0.09     | 0.10     | 0.14    | 0.11       | 22.22   | ppb   |
| Neodymium  | 150-1 |          |          |         |            |         | cps   |
| Neodymium  | 150-2 |          |          |         |            |         | cps   |
| Nickel     | 60-2  | 0.21     | 0.16     | 0.04    | 0.14       | 65.32   | ppb   |
| Phosphorus | 31-2  | 40.15    | 97.74    | 40.25   | 59.38      | 55.94   | ppb   |
| Potassium  | 39-2  | 99.83    | 96.72    | 100.25  | 98.93      | 1.95    | ppb   |
| Rhodium    | 103-1 |          |          |         | 103        |         | %     |
| Rhodium    | 103-2 |          |          |         | 102        |         | %     |
| Scandium   | 45-1  |          |          |         | 100        |         | %     |
| Scandium   | 45-2  |          |          |         | 94         |         | %     |
| Selenium   | 77-2  | 0.00     | 0.00     | 0.00    | 0.00       | N/A     | ppb   |
| Selenium   | 78-2  | 1.01     | 1.00     | 0.00    | 0.67       | 86.61   | ppb   |
| Selenium   | 82-1  | -0.16    | -0.13    | -0.30   | -0.20      |         | ppb   |
| Silicon    | 28-1  | 225.57   | 252.94   | 262.53  | 247.01     | 7.76    | ppb   |
| Silver     | 109-1 | 0.04     | 0.03     | 0.04    | 0.04       | 20.56   | ppb   |
| Silver     | 107-1 | 0.04     | 0.02     | 0.03    | 0.03       | 31.28   | ppb   |
| Sodium     | 23-2  | 2064.80  | 2065.73  | 2088.45 | 2072.99    | 0.65    | ppb   |
| Strontium  | 86-1  | 3.46     | 3.56     | 3.31    | 3.44       | 3.70    | ppb   |
| Strontium  | 88-1  | 3.58     | 3.65     | 3.69    | 3.64       | 1.53    | ppb   |
| Sulfur     | 34-1  | -1177.25 | -1206.14 | -766.49 | -1049.96   |         | ppb   |
| Terbium    | 159-1 |          |          |         | 107        |         | %     |
| Terbium    | 159-2 |          |          |         | 104        |         | %     |
| Thallium   | 203-1 | 0.01     | 0.01     | 0.01    | 0.01       | 29.16   | ppb   |
| Thallium   | 205-1 | 0.01     | 0.02     | 0.01    | 0.01       | 20.98   | ppb   |
| Tin        | 118-1 | 0.11     | 0.15     | 0.08    | 0.11       | 28.46   | ppb   |
| Titanium   | 47-1  | 0.02     | 0.14     | 0.08    | 0.08       | 68.53   | ppb   |
| Uranium    | 238-1 | 0.00     | 0.00     | 0.00    | 0.00       |         | ppb   |
| Vanadium   | 51-2  | 0.03     | 0.02     | 0.06    | 0.04       | 48.94   | ppb   |
| Yttrium    | 89-1  |          |          |         | 102        |         | %     |
| Yttrium    | 89-2  |          |          |         | 98         |         | %     |
| Zinc       | 66-2  | 4.01     | 4.81     | 3.95    | 4.26       | 11.27   | ppb   |

|                         |                     |                   |                     |
|-------------------------|---------------------|-------------------|---------------------|
| LB Number :             | LB97237             | Operator :        | Jaswal              |
| Lab Sample ID :         | J4354-01LX5         | Instrumnet Name : | P8                  |
| Client Sample ID :      | 67-1-CAFE-WC-BSMTL  | Dilution Factor : | 5                   |
| Date & Time Acquired :: | 2018-08-10 15:31:28 | DataFile Name :   | 062SMPL_P8081018-MS |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|-----------|------|---------|---------|---------|------------|---------|-------|
| Zirconium | 90-1 | 0.03    | 0.02    | 0.04    | 0.03       | 36.81   | ppb   |
| Zirconium | 91-1 | 0.02    | 0.02    | 0.04    | 0.03       | 36.43   | ppb   |

LB Number : LB97237 Operator : Jaswal  
 Lab Sample ID : J4354-01MS Instrumnet Name : P8  
 Client Sample ID : 67-1-CAFE-WC-BSMTM Dilution Factor : 1  
 Date & Time Acquired :: 2018-08-10 15:34:49 DataFile Name : 063SMPL\_P8081018-MS

| Parameter  | Mass  | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|------------|-------|---------|---------|---------|------------|---------|-------|
| Aluminium  | 27-2  | 2103.17 | 1935.87 | 1923.17 | 1987.40    | 5.05    | ppb   |
| Antimony   | 121-1 | 712.40  | 733.31  | 692.53  | 712.75     | 2.86    | ppb   |
| Arsenic    | 75-2  | 825.49  | 787.37  | 785.81  | 799.56     | 2.81    | ppb   |
| Barium     | 135-1 | 210.54  | 220.05  | 209.52  | 213.37     | 2.72    | ppb   |
| Barium     | 137-1 | 213.17  | 217.36  | 211.93  | 214.15     | 1.33    | ppb   |
| Beryllium  | 9-1   | 185.28  | 192.84  | 182.94  | 187.02     | 2.77    | ppb   |
| Bismuth    | 209-1 |         |         |         | 116        |         | %     |
| Bismuth    | 209-2 |         |         |         | 107        |         | %     |
| Boron      | 10-1  | 269.44  | 272.00  | 274.30  | 271.91     | 0.89    | ppb   |
| Boron      | 11-1  | 264.52  | 274.85  | 268.85  | 269.41     | 1.93    | ppb   |
| Cadmium    | 111-1 | 192.52  | 200.92  | 191.36  | 194.93     | 2.67    | ppb   |
| Cadmium    | 106-1 | 162.07  | 171.80  | 163.15  | 165.67     | 3.22    | ppb   |
| Cadmium    | 108-1 | 176.16  | 183.81  | 176.26  | 178.74     | 2.46    | ppb   |
| Calcium    | 43-1  | 6096.93 | 6455.17 | 6195.89 | 6249.33    | 2.96    | ppb   |
| Calcium    | 44-1  | 6286.61 | 6651.84 | 6191.45 | 6376.64    | 3.81    | ppb   |
| Chromium   | 52-2  | 443.86  | 411.49  | 404.73  | 420.02     | 4.98    | ppb   |
| Cobalt     | 59-2  | 228.59  | 212.30  | 208.48  | 216.46     | 4.93    | ppb   |
| Copper     | 63-2  | 365.37  | 341.83  | 335.65  | 347.62     | 4.51    | ppb   |
| Dysprosium | 156-1 |         |         |         |            |         | cps   |
| Dysprosium | 156-2 |         |         |         |            |         | cps   |
| Erbium     | 164-1 |         |         |         |            |         | cps   |
| Erbium     | 164-2 |         |         |         |            |         | cps   |
| Gadolinium | 160-1 |         |         |         |            |         | cps   |
| Gadolinium | 160-2 |         |         |         |            |         | cps   |
| Holmium    | 165-1 |         |         |         | 114        |         | %     |
| Holmium    | 165-2 |         |         |         | 107        |         | %     |
| Indium     | 115-1 |         |         |         | 111        |         | %     |
| Indium     | 115-2 |         |         |         | 98         |         | %     |
| Iron       | 56-2  | 3644.55 | 3372.21 | 3369.96 | 3462.24    | 4.56    | ppb   |
| Iron       | 57-2  | 3518.81 | 3256.74 | 3221.66 | 3332.40    | 4.87    | ppb   |
| Krypton    | 83-1  |         |         |         |            |         | cps   |
| Lead       | 206-1 | 976.57  | 997.27  | 955.08  | 976.31     | 2.16    | ppb   |
| Lead       | 207-1 | 950.49  | 984.02  | 938.67  | 957.73     | 2.46    | ppb   |
| Lead       | 208-1 | 960.48  | 994.86  | 945.63  | 966.99     | 2.61    | ppb   |
| Lithium    | 6-1   |         |         |         | 109        |         | %     |
| Magnesium  | 24-2  | 3508.92 | 3224.62 | 3238.58 | 3324.04    | 4.82    | ppb   |

|                         |                     |                   |                     |
|-------------------------|---------------------|-------------------|---------------------|
| LB Number :             | LB97237             | Operator :        | Jaswal              |
| Lab Sample ID :         | J4354-01MS          | Instrumnet Name : | P8                  |
| Client Sample ID :      | 67-1-CAFE-WC-BSMTM  | Dilution Factor : | 1                   |
| Date & Time Acquired :: | 2018-08-10 15:34:49 | DataFile Name :   | 063SMPL_P8081018-MS |

| Parameter  | Mass  | ConRep1  | ConRep2  | ConRep3  | Avg. Conc. | ConcRSD | Units |
|------------|-------|----------|----------|----------|------------|---------|-------|
| Manganese  | 55-2  | 222.15   | 202.19   | 202.65   | 209.00     | 5.45    | ppb   |
| Molybdenum | 94-1  | 268.55   | 278.57   | 267.29   | 271.47     | 2.28    | ppb   |
| Molybdenum | 95-1  | 389.44   | 405.68   | 393.28   | 396.13     | 2.14    | ppb   |
| Molybdenum | 96-1  | 379.38   | 392.20   | 379.52   | 383.70     | 1.92    | ppb   |
| Molybdenum | 97-1  | 380.62   | 395.57   | 379.85   | 385.35     | 2.30    | ppb   |
| Molybdenum | 98-1  | 394.87   | 407.06   | 390.24   | 397.39     | 2.19    | ppb   |
| Neodymium  | 150-1 |          |          |          |            |         | cps   |
| Neodymium  | 150-2 |          |          |          |            |         | cps   |
| Nickel     | 60-2  | 581.33   | 541.04   | 533.79   | 552.05     | 4.64    | ppb   |
| Phosphorus | 31-2  | 7582.63  | 7302.98  | 7259.07  | 7381.56    | 2.38    | ppb   |
| Potassium  | 39-2  | 11013.51 | 10463.11 | 10211.77 | 10562.80   | 3.88    | ppb   |
| Rhodium    | 103-1 |          |          |          | 110        |         | %     |
| Rhodium    | 103-2 |          |          |          | 104        |         | %     |
| Scandium   | 45-1  |          |          |          | 106        |         | %     |
| Scandium   | 45-2  |          |          |          | 94         |         | %     |
| Selenium   | 77-2  | 2296.46  | 1984.39  | 2040.39  | 2107.08    | 7.90    | ppb   |
| Selenium   | 78-2  | 2033.49  | 2032.43  | 1943.94  | 2003.29    | 2.57    | ppb   |
| Selenium   | 82-1  | 1965.66  | 2045.76  | 1965.57  | 1992.33    | 2.32    | ppb   |
| Silicon    | 28-1  | 2117.25  | 2183.37  | 2090.60  | 2130.40    | 2.24    | ppb   |
| Silver     | 109-1 | 72.94    | 76.17    | 73.29    | 74.13      | 2.39    | ppb   |
| Silver     | 107-1 | 72.76    | 74.78    | 71.87    | 73.13      | 2.04    | ppb   |
| Sodium     | 23-2  | 15054.29 | 13946.67 | 13742.14 | 14247.70   | 4.95    | ppb   |
| Strontium  | 86-1  | 208.18   | 214.83   | 209.20   | 210.74     | 1.70    | ppb   |
| Strontium  | 88-1  | 215.80   | 224.86   | 213.19   | 217.95     | 2.81    | ppb   |
| Sulfur     | 34-1  | -1273.80 | -934.99  | -1697.43 | -1302.07   |         | ppb   |
| Terbium    | 159-1 |          |          |          | 115        |         | %     |
| Terbium    | 159-2 |          |          |          | 105        |         | %     |
| Thallium   | 203-1 | 1931.36  | 1985.65  | 1903.76  | 1940.26    | 2.15    | ppb   |
| Thallium   | 205-1 | 1943.40  | 2008.51  | 1915.19  | 1955.70    | 2.45    | ppb   |
| Tin        | 118-1 | 665.93   | 703.57   | 665.80   | 678.44     | 3.21    | ppb   |
| Titanium   | 47-1  | 195.45   | 203.87   | 192.76   | 197.36     | 2.94    | ppb   |
| Uranium    | 238-1 | 0.00     | 0.00     | 0.00     | 0.00       | 18.10   | ppb   |
| Vanadium   | 51-2  | 330.17   | 302.72   | 300.11   | 311.00     | 5.35    | ppb   |
| Yttrium    | 89-1  |          |          |          | 110        |         | %     |
| Yttrium    | 89-2  |          |          |          | 98         |         | %     |
| Zinc       | 66-2  | 255.70   | 235.67   | 234.93   | 242.10     | 4.87    | ppb   |

|                         |                     |                   |                     |
|-------------------------|---------------------|-------------------|---------------------|
| LB Number :             | LB97237             | Operator :        | Jaswal              |
| Lab Sample ID :         | J4354-01MS          | Instrumnet Name : | P8                  |
| Client Sample ID :      | 67-1-CAFE-WC-BSMTM  | Dilution Factor : | 1                   |
| Date & Time Acquired :: | 2018-08-10 15:34:49 | DataFile Name :   | 063SMPL_P8081018-MS |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|-----------|------|---------|---------|---------|------------|---------|-------|
| Zirconium | 90-1 | 0.81    | 0.64    | 0.58    | 0.68       | 17.50   | ppb   |
| Zirconium | 91-1 | 1.05    | 0.81    | 0.75    | 0.87       | 18.40   | ppb   |

|                         |                     |                   |                     |
|-------------------------|---------------------|-------------------|---------------------|
| LB Number :             | LB97237             | Operator :        | Jaswal              |
| Lab Sample ID :         | J4354-01MSD         | Instrumnet Name : | P8                  |
| Client Sample ID :      | 67-1-CAFE-WC-BSMTM  | Dilution Factor : | 1                   |
| Date & Time Acquired :: | 2018-08-10 15:38:05 | DataFile Name :   | 064SMPL_P8081018-MS |

| Parameter  | Mass  | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|------------|-------|---------|---------|---------|------------|---------|-------|
| Aluminium  | 27-2  | 2015.91 | 1855.82 | 1898.01 | 1923.24    | 4.31    | ppb   |
| Antimony   | 121-1 | 725.12  | 718.62  | 719.32  | 721.02     | 0.49    | ppb   |
| Arsenic    | 75-2  | 807.53  | 762.23  | 771.16  | 780.31     | 3.07    | ppb   |
| Barium     | 135-1 | 214.61  | 214.14  | 216.32  | 215.02     | 0.53    | ppb   |
| Barium     | 137-1 | 218.86  | 212.89  | 218.60  | 216.78     | 1.56    | ppb   |
| Beryllium  | 9-1   | 191.03  | 184.53  | 186.41  | 187.32     | 1.79    | ppb   |
| Bismuth    | 209-1 |         |         |         | 115        |         | %     |
| Bismuth    | 209-2 |         |         |         | 109        |         | %     |
| Boron      | 10-1  | 277.93  | 275.11  | 297.04  | 283.36     | 4.21    | ppb   |
| Boron      | 11-1  | 269.43  | 275.16  | 283.50  | 276.03     | 2.56    | ppb   |
| Cadmium    | 111-1 | 197.72  | 196.41  | 197.63  | 197.25     | 0.37    | ppb   |
| Cadmium    | 106-1 | 164.79  | 163.38  | 163.15  | 163.77     | 0.54    | ppb   |
| Cadmium    | 108-1 | 177.83  | 176.83  | 180.70  | 178.46     | 1.13    | ppb   |
| Calcium    | 43-1  | 6328.80 | 6264.97 | 6389.09 | 6327.62    | 0.98    | ppb   |
| Calcium    | 44-1  | 6483.47 | 6453.58 | 6398.49 | 6445.18    | 0.67    | ppb   |
| Chromium   | 52-2  | 430.65  | 393.55  | 404.76  | 409.65     | 4.65    | ppb   |
| Cobalt     | 59-2  | 223.43  | 203.73  | 208.40  | 211.85     | 4.86    | ppb   |
| Copper     | 63-2  | 356.42  | 327.53  | 338.52  | 340.82     | 4.28    | 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 |         |         |         | 114        |         | %     |
| Holmium    | 165-2 |         |         |         | 110        |         | %     |
| Indium     | 115-1 |         |         |         | 109        |         | %     |
| Indium     | 115-2 |         |         |         | 100        |         | %     |
| Iron       | 56-2  | 3563.43 | 3166.63 | 3250.11 | 3326.72    | 6.29    | ppb   |
| Iron       | 57-2  | 3479.24 | 3146.05 | 3193.03 | 3272.77    | 5.51    | ppb   |
| Krypton    | 83-1  |         |         |         |            |         | cps   |
| Lead       | 206-1 | 987.62  | 964.94  | 988.72  | 980.43     | 1.37    | ppb   |
| Lead       | 207-1 | 976.75  | 952.90  | 970.67  | 966.78     | 1.28    | ppb   |
| Lead       | 208-1 | 977.79  | 966.55  | 984.38  | 976.24     | 0.92    | ppb   |
| Lithium    | 6-1   |         |         |         | 107        |         | %     |
| Magnesium  | 24-2  | 3524.48 | 3131.54 | 3215.78 | 3290.60    | 6.29    | ppb   |



|                         |                     |                   |                     |
|-------------------------|---------------------|-------------------|---------------------|
| LB Number :             | LB97237             | Operator :        | Jaswal              |
| Lab Sample ID :         | J4354-01MSD         | Instrumnet Name : | P8                  |
| Client Sample ID :      | 67-1-CAFE-WC-BSMTM  | Dilution Factor : | 1                   |
| Date & Time Acquired :: | 2018-08-10 15:38:05 | DataFile Name :   | 064SMPL_P8081018-MS |

| Parameter  | Mass  | ConRep1  | ConRep2  | ConRep3  | Avg. Conc. | ConcRSD | Units |
|------------|-------|----------|----------|----------|------------|---------|-------|
| Manganese  | 55-2  | 216.31   | 198.84   | 202.65   | 205.93     | 4.46    | ppb   |
| Molybdenum | 94-1  | 274.42   | 273.15   | 275.28   | 274.29     | 0.39    | ppb   |
| Molybdenum | 95-1  | 405.37   | 393.20   | 398.49   | 399.02     | 1.53    | ppb   |
| Molybdenum | 96-1  | 386.53   | 383.30   | 385.52   | 385.11     | 0.43    | ppb   |
| Molybdenum | 97-1  | 392.05   | 387.86   | 393.55   | 391.15     | 0.75    | ppb   |
| Molybdenum | 98-1  | 403.08   | 398.75   | 405.36   | 402.40     | 0.83    | ppb   |
| Neodymium  | 150-1 |          |          |          |            |         | cps   |
| Neodymium  | 150-2 |          |          |          |            |         | cps   |
| Nickel     | 60-2  | 569.84   | 521.24   | 534.52   | 541.86     | 4.64    | ppb   |
| Phosphorus | 31-2  | 7754.34  | 6716.89  | 6945.41  | 7138.88    | 7.64    | ppb   |
| Potassium  | 39-2  | 10827.96 | 10031.86 | 10053.09 | 10304.30   | 4.40    | ppb   |
| Rhodium    | 103-1 |          |          |          | 108        |         | %     |
| Rhodium    | 103-2 |          |          |          | 105        |         | %     |
| Scandium   | 45-1  |          |          |          | 103        |         | %     |
| Scandium   | 45-2  |          |          |          | 95         |         | %     |
| Selenium   | 77-2  | 2148.53  | 1923.69  | 2016.28  | 2029.50    | 5.57    | ppb   |
| Selenium   | 78-2  | 2022.55  | 1912.93  | 1895.14  | 1943.54    | 3.55    | ppb   |
| Selenium   | 82-1  | 2012.39  | 2003.72  | 2017.32  | 2011.14    | 0.34    | ppb   |
| Silicon    | 28-1  | 2134.11  | 2122.50  | 2148.99  | 2135.20    | 0.62    | ppb   |
| Silver     | 109-1 | 75.35    | 73.72    | 74.70    | 74.59      | 1.10    | ppb   |
| Silver     | 107-1 | 74.57    | 72.80    | 73.70    | 73.69      | 1.21    | ppb   |
| Sodium     | 23-2  | 14895.10 | 13558.16 | 13950.84 | 14134.70   | 4.86    | ppb   |
| Strontium  | 86-1  | 214.65   | 212.71   | 213.66   | 213.67     | 0.45    | ppb   |
| Strontium  | 88-1  | 219.89   | 218.33   | 219.59   | 219.27     | 0.38    | ppb   |
| Sulfur     | 34-1  | -1619.24 | -1643.96 | -1605.43 | -1622.88   |         | ppb   |
| Terbium    | 159-1 |          |          |          | 113        |         | %     |
| Terbium    | 159-2 |          |          |          | 109        |         | %     |
| Thallium   | 203-1 | 1966.82  | 1947.86  | 1982.31  | 1965.66    | 0.88    | ppb   |
| Thallium   | 205-1 | 1961.35  | 1952.23  | 2000.03  | 1971.20    | 1.29    | ppb   |
| Tin        | 118-1 | 695.07   | 684.71   | 693.58   | 691.12     | 0.81    | ppb   |
| Titanium   | 47-1  | 197.75   | 198.92   | 200.63   | 199.10     | 0.73    | ppb   |
| Uranium    | 238-1 | 0.01     | 0.00     | 0.00     | 0.00       | 34.49   | ppb   |
| Vanadium   | 51-2  | 322.80   | 294.92   | 300.44   | 306.05     | 4.82    | ppb   |
| Yttrium    | 89-1  |          |          |          | 108        |         | %     |
| Yttrium    | 89-2  |          |          |          | 99         |         | %     |
| Zinc       | 66-2  | 247.73   | 229.82   | 235.20   | 237.58     | 3.87    | ppb   |

|                         |                     |                   |                     |
|-------------------------|---------------------|-------------------|---------------------|
| LB Number :             | LB97237             | Operator :        | Jaswal              |
| Lab Sample ID :         | J4354-01MSD         | Instrumnet Name : | P8                  |
| Client Sample ID :      | 67-1-CAFE-WC-BSMTM  | Dilution Factor : | 1                   |
| Date & Time Acquired :: | 2018-08-10 15:38:05 | DataFile Name :   | 064SMPL_P8081018-MS |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|-----------|------|---------|---------|---------|------------|---------|-------|
| Zirconium | 90-1 | 0.33    | 0.28    | 0.29    | 0.30       | 9.09    | ppb   |
| Zirconium | 91-1 | 0.56    | 0.49    | 0.45    | 0.50       | 11.05   | ppb   |

|                         |                     |                   |                      |
|-------------------------|---------------------|-------------------|----------------------|
| LB Number :             | LB97237             | Operator :        | Jaswal               |
| Lab Sample ID :         | CCV94               | Instrumnet Name : | P8                   |
| Client Sample ID :      | CCV94               | Dilution Factor : | 1                    |
| Date & Time Acquired :: | 2018-08-10 15:41:20 | DataFile Name :   | 065CCV_P8081018-MS.I |

| Parameter  | Mass  | ConRep1   | ConRep2   | ConRep3   | Avg. Conc. | ConcRSD | Units |
|------------|-------|-----------|-----------|-----------|------------|---------|-------|
| Aluminium  | 27-2  | 53223.82  | 55155.36  | 52032.01  | 53470.39   | 2.95    | ppb   |
| Antimony   | 121-1 | 486.55    | 484.56    | 495.06    | 488.72     | 1.14    | ppb   |
| Arsenic    | 75-2  | 490.31    | 528.99    | 489.88    | 503.06     | 4.46    | ppb   |
| Barium     | 135-1 | 2477.15   | 2473.33   | 2507.30   | 2485.93    | 0.75    | ppb   |
| Barium     | 137-1 | 2486.56   | 2466.29   | 2506.30   | 2486.38    | 0.80    | ppb   |
| Beryllium  | 9-1   | 497.99    | 495.64    | 510.76    | 501.47     | 1.62    | ppb   |
| Bismuth    | 209-1 |           |           |           | 100        |         | %     |
| Bismuth    | 209-2 |           |           |           | 96         |         | %     |
| Boron      | 10-1  | 498.73    | 503.46    | 523.44    | 508.54     | 2.58    | ppb   |
| Boron      | 11-1  | 488.55    | 501.83    | 528.84    | 506.41     | 4.05    | ppb   |
| Cadmium    | 111-1 | 477.20    | 475.73    | 482.51    | 478.48     | 0.74    | ppb   |
| Cadmium    | 106-1 | 479.69    | 478.52    | 475.76    | 477.99     | 0.42    | ppb   |
| Cadmium    | 108-1 | 475.34    | 478.63    | 486.90    | 480.29     | 1.24    | ppb   |
| Calcium    | 43-1  | 242038.93 | 241509.27 | 248596.70 | 244048.30  | 1.62    | ppb   |
| Calcium    | 44-1  | 240027.97 | 238917.38 | 247703.04 | 242216.13  | 1.98    | ppb   |
| Chromium   | 52-2  | 526.55    | 549.74    | 516.69    | 530.99     | 3.20    | ppb   |
| Cobalt     | 59-2  | 504.66    | 526.97    | 495.56    | 509.06     | 3.18    | ppb   |
| Copper     | 63-2  | 986.50    | 1035.06   | 981.22    | 1000.93    | 2.96    | 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 |           |           |           | 105        |         | %     |
| Holmium    | 165-2 |           |           |           | 104        |         | %     |
| Indium     | 115-1 |           |           |           | 99         |         | %     |
| Indium     | 115-2 |           |           |           | 94         |         | %     |
| Iron       | 56-2  | 134483.99 | 139229.14 | 132239.17 | 135317.43  | 2.64    | ppb   |
| Iron       | 57-2  | 134599.27 | 139341.70 | 129785.11 | 134575.36  | 3.55    | ppb   |
| Krypton    | 83-1  |           |           |           |            |         | cps   |
| Lead       | 206-1 | 515.87    | 506.25    | 525.25    | 515.79     | 1.84    | ppb   |
| Lead       | 207-1 | 516.67    | 513.49    | 524.23    | 518.13     | 1.06    | ppb   |
| Lead       | 208-1 | 511.21    | 507.53    | 521.83    | 513.53     | 1.45    | ppb   |
| Lithium    | 6-1   |           |           |           | 97         |         | %     |
| Magnesium  | 24-2  | 253486.37 | 268378.02 | 252108.92 | 257991.11  | 3.50    | ppb   |

|                         |                     |                   |                      |
|-------------------------|---------------------|-------------------|----------------------|
| LB Number :             | LB97237             | Operator :        | Jaswal               |
| Lab Sample ID :         | CCV94               | Instrumnet Name : | P8                   |
| Client Sample ID :      | CCV94               | Dilution Factor : | 1                    |
| Date & Time Acquired :: | 2018-08-10 15:41:20 | DataFile Name :   | 065CCV_P8081018-MS.I |

| Parameter  | Mass  | ConRep1   | ConRep2   | ConRep3   | Avg. Conc. | ConcRSD | Units |
|------------|-------|-----------|-----------|-----------|------------|---------|-------|
| Manganese  | 55-2  | 1008.26   | 1047.15   | 998.44    | 1017.95    | 2.53    | ppb   |
| Molybdenum | 94-1  | 2489.03   | 2502.55   | 2523.46   | 2505.01    | 0.69    | ppb   |
| Molybdenum | 95-1  | 2506.21   | 2477.03   | 2543.44   | 2508.89    | 1.33    | ppb   |
| Molybdenum | 96-1  | 2494.35   | 2485.14   | 2521.48   | 2500.32    | 0.76    | ppb   |
| Molybdenum | 97-1  | 2518.08   | 2484.99   | 2530.25   | 2511.11    | 0.93    | ppb   |
| Molybdenum | 98-1  | 2536.46   | 2505.57   | 2558.11   | 2533.38    | 1.04    | ppb   |
| Neodymium  | 150-1 |           |           |           |            |         | cps   |
| Neodymium  | 150-2 |           |           |           |            |         | cps   |
| Nickel     | 60-2  | 515.82    | 539.05    | 506.56    | 520.47     | 3.22    | ppb   |
| Phosphorus | 31-2  | 10495.05  | 11111.06  | 9898.46   | 10501.52   | 5.77    | ppb   |
| Potassium  | 39-2  | 127797.47 | 130337.27 | 125045.47 | 127726.74  | 2.07    | ppb   |
| Rhodium    | 103-1 |           |           |           | 95         |         | %     |
| Rhodium    | 103-2 |           |           |           | 93         |         | %     |
| Scandium   | 45-1  |           |           |           | 98         |         | %     |
| Scandium   | 45-2  |           |           |           | 94         |         | %     |
| Selenium   | 77-2  | 470.65    | 475.48    | 498.78    | 481.64     | 3.12    | ppb   |
| Selenium   | 78-2  | 481.64    | 502.46    | 464.01    | 482.70     | 3.99    | ppb   |
| Selenium   | 82-1  | 485.09    | 482.85    | 493.33    | 487.09     | 1.13    | ppb   |
| Silicon    | 28-1  | 549.17    | 545.29    | 565.03    | 553.16     | 1.89    | ppb   |
| Silver     | 109-1 | 485.38    | 491.29    | 487.61    | 488.10     | 0.61    | ppb   |
| Silver     | 107-1 | 479.60    | 487.17    | 490.69    | 485.82     | 1.17    | ppb   |
| Sodium     | 23-2  | 257828.01 | 264956.45 | 252063.74 | 258282.73  | 2.50    | ppb   |
| Strontium  | 86-1  | 493.10    | 490.04    | 496.59    | 493.24     | 0.66    | ppb   |
| Strontium  | 88-1  | 501.50    | 495.73    | 507.22    | 501.48     | 1.15    | ppb   |
| Sulfur     | 34-1  | 9153.42   | 8855.67   | 9427.10   | 9145.40    | 3.13    | ppb   |
| Terbium    | 159-1 |           |           |           | 105        |         | %     |
| Terbium    | 159-2 |           |           |           | 103        |         | %     |
| Thallium   | 203-1 | 513.69    | 504.36    | 526.84    | 514.96     | 2.19    | ppb   |
| Thallium   | 205-1 | 505.07    | 501.93    | 516.03    | 507.68     | 1.46    | ppb   |
| Tin        | 118-1 | 504.37    | 499.90    | 501.74    | 502.00     | 0.45    | ppb   |
| Titanium   | 47-1  | 2536.04   | 2515.48   | 2593.61   | 2548.38    | 1.59    | ppb   |
| Uranium    | 238-1 | 515.01    | 511.18    | 523.86    | 516.68     | 1.26    | ppb   |
| Vanadium   | 51-2  | 508.60    | 524.78    | 502.72    | 512.03     | 2.23    | ppb   |
| Yttrium    | 89-1  |           |           |           | 101        |         | %     |
| Yttrium    | 89-2  |           |           |           | 96         |         | %     |
| Zinc       | 66-2  | 988.23    | 1033.93   | 974.26    | 998.80     | 3.12    | ppb   |

|                         |                     |                   |                      |
|-------------------------|---------------------|-------------------|----------------------|
| LB Number :             | LB97237             | Operator :        | Jaswal               |
| Lab Sample ID :         | CCV94               | Instrumnet Name : | P8                   |
| Client Sample ID :      | CCV94               | Dilution Factor : | 1                    |
| Date & Time Acquired :: | 2018-08-10 15:41:20 | DataFile Name :   | 065CCV_P8081018-MS.I |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|-----------|------|---------|---------|---------|------------|---------|-------|
| Zirconium | 90-1 | 503.11  | 498.41  | 511.30  | 504.27     | 1.29    | ppb   |
| Zirconium | 91-1 | 494.07  | 489.71  | 500.82  | 494.86     | 1.13    | ppb   |

|                         |                     |                   |                     |
|-------------------------|---------------------|-------------------|---------------------|
| LB Number :             | LB97237             | Operator :        | Jaswal              |
| Lab Sample ID :         | CCB94               | Instrumnet Name : | P8                  |
| Client Sample ID :      | CCB94               | Dilution Factor : | 1                   |
| Date & Time Acquired :: | 2018-08-10 15:44:30 | DataFile Name :   | 066CCBE_P8081018-M5 |

| Parameter  | Mass  | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD  | Units |
|------------|-------|---------|---------|---------|------------|----------|-------|
| Aluminium  | 27-2  | 0.84    | -0.65   | -0.17   | 0.01       | 12234.23 | ppb   |
| Antimony   | 121-1 | 1.52    | 1.39    | 1.36    | 1.42       | 6.05     | ppb   |
| Arsenic    | 75-2  | 0.07    | 0.09    | 0.00    | 0.05       | 91.00    | ppb   |
| Barium     | 135-1 | 0.01    | 0.02    | 0.01    | 0.01       | 60.69    | ppb   |
| Barium     | 137-1 | 0.03    | 0.02    | 0.02    | 0.02       | 22.32    | ppb   |
| Beryllium  | 9-1   | 0.33    | 0.30    | 0.31    | 0.31       | 5.52     | ppb   |
| Bismuth    | 209-1 |         |         |         | 107        |          | %     |
| Bismuth    | 209-2 |         |         |         | 108        |          | %     |
| Boron      | 10-1  | 24.63   | 24.80   | 23.19   | 24.21      | 3.65     | ppb   |
| Boron      | 11-1  | 26.35   | 24.18   | 22.46   | 24.33      | 8.02     | ppb   |
| Cadmium    | 111-1 | 0.03    | -0.01   | 0.12    | 0.05       | 139.05   | ppb   |
| Cadmium    | 106-1 | -0.56   | -0.48   | 0.93    | -0.04      |          | ppb   |
| Cadmium    | 108-1 | 0.11    | 0.08    | 0.02    | 0.07       | 67.92    | ppb   |
| Calcium    | 43-1  | 8.65    | -0.98   | 5.84    | 4.50       | 110.01   | ppb   |
| Calcium    | 44-1  | -0.13   | -3.76   | -1.35   | -1.74      |          | ppb   |
| Chromium   | 52-2  | -0.01   | -0.07   | 0.01    | -0.02      |          | ppb   |
| Cobalt     | 59-2  | -0.01   | -0.01   | 0.00    | -0.01      |          | ppb   |
| Copper     | 63-2  | -0.46   | -0.45   | -0.45   | -0.45      |          | ppb   |
| Dysprosium | 156-1 |         |         |         |            |          | cps   |
| Dysprosium | 156-2 |         |         |         |            |          | cps   |
| Erbium     | 164-1 |         |         |         |            |          | cps   |
| Erbium     | 164-2 |         |         |         |            |          | cps   |
| Gadolinium | 160-1 |         |         |         |            |          | cps   |
| Gadolinium | 160-2 |         |         |         |            |          | cps   |
| Holmium    | 165-1 |         |         |         | 108        |          | %     |
| Holmium    | 165-2 |         |         |         | 109        |          | %     |
| Indium     | 115-1 |         |         |         | 106        |          | %     |
| Indium     | 115-2 |         |         |         | 105        |          | %     |
| Iron       | 56-2  | 4.37    | 2.63    | 3.16    | 3.39       | 26.33    | ppb   |
| Iron       | 57-2  | 4.23    | 3.72    | 4.17    | 4.04       | 6.89     | ppb   |
| Krypton    | 83-1  |         |         |         |            |          | cps   |
| Lead       | 206-1 | 0.04    | 0.03    | 0.02    | 0.03       | 25.96    | ppb   |
| Lead       | 207-1 | 0.04    | 0.04    | 0.03    | 0.03       | 15.82    | ppb   |
| Lead       | 208-1 | 0.04    | 0.03    | 0.03    | 0.03       | 11.14    | ppb   |
| Lithium    | 6-1   |         |         |         | 103        |          | %     |
| Magnesium  | 24-2  | 4.47    | 3.44    | 0.65    | 2.86       | 69.32    | ppb   |

|                         |                     |                   |                     |
|-------------------------|---------------------|-------------------|---------------------|
| LB Number :             | LB97237             | Operator :        | Jaswal              |
| Lab Sample ID :         | CCB94               | Instrumnet Name : | P8                  |
| Client Sample ID :      | CCB94               | Dilution Factor : | 1                   |
| Date & Time Acquired :: | 2018-08-10 15:44:30 | DataFile Name :   | 066CCBE_P8081018-MS |

| Parameter  | Mass  | ConRep1  | ConRep2  | ConRep3 | Avg. Conc. | ConcRSD | Units |
|------------|-------|----------|----------|---------|------------|---------|-------|
| Manganese  | 55-2  | -0.17    | -0.19    | -0.24   | -0.20      |         | ppb   |
| Molybdenum | 94-1  | 1.11     | 0.97     | 0.84    | 0.97       | 14.14   | ppb   |
| Molybdenum | 95-1  | 1.01     | 0.94     | 0.80    | 0.92       | 11.45   | ppb   |
| Molybdenum | 96-1  | 1.06     | 0.95     | 0.90    | 0.97       | 8.18    | ppb   |
| Molybdenum | 97-1  | 1.21     | 0.80     | 0.89    | 0.97       | 22.23   | ppb   |
| Molybdenum | 98-1  | 1.15     | 0.99     | 0.86    | 1.00       | 14.87   | ppb   |
| Neodymium  | 150-1 |          |          |         |            |         | cps   |
| Neodymium  | 150-2 |          |          |         |            |         | cps   |
| Nickel     | 60-2  | -0.11    | -0.11    | -0.13   | -0.12      |         | ppb   |
| Phosphorus | 31-2  | -17.95   | -17.95   | 9.13    | -8.92      |         | ppb   |
| Potassium  | 39-2  | 7.71     | 16.19    | 8.86    | 10.92      | 42.14   | ppb   |
| Rhodium    | 103-1 |          |          |         | 105        |         | %     |
| Rhodium    | 103-2 |          |          |         | 106        |         | %     |
| Scandium   | 45-1  |          |          |         | 102        |         | %     |
| Scandium   | 45-2  |          |          |         | 100        |         | %     |
| Selenium   | 77-2  | 0.00     | 0.00     | 0.00    | 0.00       | N/A     | ppb   |
| Selenium   | 78-2  | 0.00     | 2.91     | 0.97    | 1.30       | 114.51  | ppb   |
| Selenium   | 82-1  | 0.61     | 0.52     | 0.93    | 0.68       | 31.46   | ppb   |
| Silicon    | 28-1  | -1.06    | -1.96    | 0.62    | -0.80      |         | ppb   |
| Silver     | 109-1 | 0.04     | 0.06     | 0.05    | 0.05       | 13.83   | ppb   |
| Silver     | 107-1 | 0.05     | 0.05     | 0.03    | 0.04       | 21.08   | ppb   |
| Sodium     | 23-2  | 33.14    | 22.28    | 19.11   | 24.84      | 29.63   | ppb   |
| Strontium  | 86-1  | -0.05    | 0.02     | -0.01   | -0.01      |         | ppb   |
| Strontium  | 88-1  | 0.01     | 0.01     | 0.01    | 0.01       | 29.71   | ppb   |
| Sulfur     | 34-1  | -1211.27 | -1095.06 | -684.13 | -996.82    |         | ppb   |
| Terbium    | 159-1 |          |          |         | 108        |         | %     |
| Terbium    | 159-2 |          |          |         | 108        |         | %     |
| Thallium   | 203-1 | 0.25     | 0.24     | 0.23    | 0.24       | 3.94    | ppb   |
| Thallium   | 205-1 | 0.25     | 0.27     | 0.24    | 0.25       | 6.63    | ppb   |
| Tin        | 118-1 | 0.63     | 0.53     | 0.49    | 0.55       | 13.44   | ppb   |
| Titanium   | 47-1  | 0.16     | 0.07     | 0.05    | 0.09       | 62.22   | ppb   |
| Uranium    | 238-1 | 0.01     | 0.01     | 0.01    | 0.01       | 26.80   | ppb   |
| Vanadium   | 51-2  | 0.02     | 0.00     | 0.01    | 0.01       | 152.45  | ppb   |
| Yttrium    | 89-1  |          |          |         | 104        |         | %     |
| Yttrium    | 89-2  |          |          |         | 102        |         | %     |
| Zinc       | 66-2  | 0.22     | 0.43     | 0.38    | 0.34       | 32.16   | ppb   |

|                         |                     |                   |                     |
|-------------------------|---------------------|-------------------|---------------------|
| LB Number :             | LB97237             | Operator :        | Jaswal              |
| Lab Sample ID :         | CCB94               | Instrumnet Name : | P8                  |
| Client Sample ID :      | CCB94               | Dilution Factor : | 1                   |
| Date & Time Acquired :: | 2018-08-10 15:44:30 | DataFile Name :   | 066CCBE_P8081018-MS |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|-----------|------|---------|---------|---------|------------|---------|-------|
| Zirconium | 90-1 | 0.19    | 0.17    | 0.20    | 0.19       | 9.68    | ppb   |
| Zirconium | 91-1 | 0.25    | 0.21    | 0.19    | 0.22       | 15.21   | ppb   |



|                         |                     |                   |                     |
|-------------------------|---------------------|-------------------|---------------------|
| LB Number :             | LB97237             | Operator :        | Jaswal              |
| Lab Sample ID :         | J4354-01A           | Instrumnet Name : | P8                  |
| Client Sample ID :      | 67-1-CAFE-WC-BSMTA  | Dilution Factor : | 1                   |
| Date & Time Acquired :: | 2018-08-10 15:47:51 | DataFile Name :   | 067SMPL_P8081018-MS |

| Parameter  | Mass  | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|------------|-------|---------|---------|---------|------------|---------|-------|
| Aluminium  | 27-2  | 1972.87 | 2118.45 | 1850.30 | 1980.54    | 6.78    | ppb   |
| Antimony   | 121-1 | 742.73  | 735.17  | 716.86  | 731.59     | 1.82    | ppb   |
| Arsenic    | 75-2  | 794.38  | 852.57  | 769.19  | 805.38     | 5.31    | ppb   |
| Barium     | 135-1 | 216.78  | 218.85  | 215.18  | 216.94     | 0.85    | ppb   |
| Barium     | 137-1 | 218.80  | 218.85  | 215.29  | 217.65     | 0.94    | ppb   |
| Beryllium  | 9-1   | 198.47  | 193.16  | 194.02  | 195.22     | 1.46    | ppb   |
| Bismuth    | 209-1 |         |         |         | 118        |         | %     |
| Bismuth    | 209-2 |         |         |         | 113        |         | %     |
| Boron      | 10-1  | 287.48  | 290.63  | 290.71  | 289.61     | 0.64    | ppb   |
| Boron      | 11-1  | 286.69  | 290.12  | 294.25  | 290.35     | 1.30    | ppb   |
| Cadmium    | 111-1 | 200.53  | 200.25  | 197.84  | 199.54     | 0.74    | ppb   |
| Cadmium    | 106-1 | 177.06  | 173.29  | 169.11  | 173.15     | 2.29    | ppb   |
| Cadmium    | 108-1 | 182.91  | 183.01  | 179.25  | 181.73     | 1.18    | ppb   |
| Calcium    | 43-1  | 6493.65 | 6318.55 | 6214.69 | 6342.30    | 2.22    | ppb   |
| Calcium    | 44-1  | 6600.39 | 6461.41 | 6250.35 | 6437.38    | 2.74    | ppb   |
| Chromium   | 52-2  | 416.09  | 434.27  | 398.34  | 416.24     | 4.32    | ppb   |
| Cobalt     | 59-2  | 212.97  | 223.06  | 204.57  | 213.53     | 4.33    | ppb   |
| Copper     | 63-2  | 340.25  | 357.84  | 327.99  | 342.03     | 4.39    | 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 |         |         |         | 117        |         | %     |
| Holmium    | 165-2 |         |         |         | 113        |         | %     |
| Indium     | 115-1 |         |         |         | 114        |         | %     |
| Indium     | 115-2 |         |         |         | 105        |         | %     |
| Iron       | 56-2  | 3415.90 | 3612.77 | 3338.61 | 3455.76    | 4.09    | ppb   |
| Iron       | 57-2  | 3308.90 | 3472.07 | 3150.61 | 3310.53    | 4.86    | ppb   |
| Krypton    | 83-1  |         |         |         |            |         | cps   |
| Lead       | 206-1 | 984.35  | 988.82  | 962.58  | 978.58     | 1.43    | ppb   |
| Lead       | 207-1 | 977.11  | 969.92  | 952.89  | 966.64     | 1.29    | ppb   |
| Lead       | 208-1 | 986.79  | 986.61  | 956.53  | 976.64     | 1.78    | ppb   |
| Lithium    | 6-1   |         |         |         | 111        |         | %     |
| Magnesium  | 24-2  | 3281.32 | 3401.87 | 3160.67 | 3281.29    | 3.68    | ppb   |

|                         |                     |                   |                     |
|-------------------------|---------------------|-------------------|---------------------|
| LB Number :             | LB97237             | Operator :        | Jaswal              |
| Lab Sample ID :         | J4354-01A           | Instrumnet Name : | P8                  |
| Client Sample ID :      | 67-1-CAFE-WC-BSMTA  | Dilution Factor : | 1                   |
| Date & Time Acquired :: | 2018-08-10 15:47:51 | DataFile Name :   | 067SMPL_P8081018-MS |

| Parameter  | Mass  | ConRep1  | ConRep2  | ConRep3  | Avg. Conc. | ConcRSD | Units |
|------------|-------|----------|----------|----------|------------|---------|-------|
| Manganese  | 55-2  | 208.42   | 218.46   | 200.21   | 209.03     | 4.37    | ppb   |
| Molybdenum | 94-1  | 280.54   | 278.44   | 268.95   | 275.98     | 2.24    | ppb   |
| Molybdenum | 95-1  | 408.06   | 403.44   | 393.06   | 401.52     | 1.91    | ppb   |
| Molybdenum | 96-1  | 395.73   | 391.68   | 377.29   | 388.24     | 2.50    | ppb   |
| Molybdenum | 97-1  | 395.74   | 392.72   | 382.32   | 390.26     | 1.80    | ppb   |
| Molybdenum | 98-1  | 406.53   | 406.30   | 389.63   | 400.82     | 2.42    | ppb   |
| Neodymium  | 150-1 |          |          |          |            |         | cps   |
| Neodymium  | 150-2 |          |          |          |            |         | cps   |
| Nickel     | 60-2  | 536.71   | 565.49   | 521.92   | 541.37     | 4.09    | ppb   |
| Phosphorus | 31-2  | 6875.36  | 7666.60  | 7567.40  | 7369.79    | 5.85    | ppb   |
| Potassium  | 39-2  | 10422.73 | 11260.71 | 9978.14  | 10553.86   | 6.17    | ppb   |
| Rhodium    | 103-1 |          |          |          | 114        |         | %     |
| Rhodium    | 103-2 |          |          |          | 109        |         | %     |
| Scandium   | 45-1  |          |          |          | 111        |         | %     |
| Scandium   | 45-2  |          |          |          | 102        |         | %     |
| Selenium   | 77-2  | 2063.24  | 2024.55  | 1769.99  | 1952.59    | 8.16    | ppb   |
| Selenium   | 78-2  | 1958.96  | 2168.83  | 1872.77  | 2000.18    | 7.61    | ppb   |
| Selenium   | 82-1  | 2054.20  | 2037.00  | 1989.35  | 2026.85    | 1.66    | ppb   |
| Silicon    | 28-1  | 2187.59  | 2148.45  | 2110.69  | 2148.91    | 1.79    | ppb   |
| Silver     | 109-1 | 75.98    | 75.50    | 74.99    | 75.49      | 0.65    | ppb   |
| Silver     | 107-1 | 74.99    | 74.49    | 73.59    | 74.36      | 0.96    | ppb   |
| Sodium     | 23-2  | 14296.88 | 14963.01 | 13533.79 | 14264.56   | 5.01    | ppb   |
| Strontium  | 86-1  | 217.86   | 215.87   | 209.46   | 214.40     | 2.05    | ppb   |
| Strontium  | 88-1  | 221.44   | 223.02   | 215.52   | 219.99     | 1.80    | ppb   |
| Sulfur     | 34-1  | -1193.30 | -1683.77 | -1894.37 | -1590.48   |         | ppb   |
| Terbium    | 159-1 |          |          |          | 118        |         | %     |
| Terbium    | 159-2 |          |          |          | 113        |         | %     |
| Thallium   | 203-1 | 1993.32  | 1963.72  | 1924.45  | 1960.50    | 1.76    | ppb   |
| Thallium   | 205-1 | 1985.95  | 1974.75  | 1926.04  | 1962.24    | 1.62    | ppb   |
| Tin        | 118-1 | 703.25   | 695.58   | 689.43   | 696.08     | 0.99    | ppb   |
| Titanium   | 47-1  | 202.00   | 200.08   | 194.96   | 199.02     | 1.83    | ppb   |
| Uranium    | 238-1 | 0.00     | 0.01     | 0.00     | 0.00       | 31.30   | ppb   |
| Vanadium   | 51-2  | 308.43   | 327.75   | 297.44   | 311.21     | 4.93    | ppb   |
| Yttrium    | 89-1  |          |          |          | 114        |         | %     |
| Yttrium    | 89-2  |          |          |          | 105        |         | %     |
| Zinc       | 66-2  | 240.02   | 254.04   | 227.52   | 240.53     | 5.52    | ppb   |

|                         |                     |                   |                     |
|-------------------------|---------------------|-------------------|---------------------|
| LB Number :             | LB97237             | Operator :        | Jaswal              |
| Lab Sample ID :         | J4354-01A           | Instrumnet Name : | P8                  |
| Client Sample ID :      | 67-1-CAFE-WC-BSMTA  | Dilution Factor : | 1                   |
| Date & Time Acquired :: | 2018-08-10 15:47:51 | DataFile Name :   | 067SMPL_P8081018-MS |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|-----------|------|---------|---------|---------|------------|---------|-------|
| Zirconium | 90-1 | 1.62    | 1.20    | 0.91    | 1.24       | 28.69   | ppb   |
| Zirconium | 91-1 | 1.72    | 1.45    | 1.20    | 1.46       | 17.99   | ppb   |

LB Number : LB97237 Operator : Jaswal  
 Lab Sample ID : J4354-02 Instrumnet Name : P8  
 Client Sample ID : 67-2-BSMT-GIRLS-BR-V Dilution Factor : 1  
 Date & Time Acquired :: 2018-08-10 15:51:08 DataFile Name : 068SMPL\_P8081018-MS

| Parameter  | Mass  | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|------------|-------|---------|---------|---------|------------|---------|-------|
| Aluminium  | 27-2  | 12.30   | 19.46   | 16.76   | 16.17      | 22.33   | ppb   |
| Antimony   | 121-1 | 2.55    | 2.43    | 2.38    | 2.45       | 3.51    | ppb   |
| Arsenic    | 75-2  | 0.24    | 0.33    | 0.35    | 0.31       | 19.08   | ppb   |
| Barium     | 135-1 | 15.01   | 14.31   | 14.74   | 14.68      | 2.41    | ppb   |
| Barium     | 137-1 | 14.75   | 14.44   | 14.69   | 14.63      | 1.12    | ppb   |
| Beryllium  | 9-1   | 0.17    | 0.21    | 0.20    | 0.20       | 9.83    | ppb   |
| Bismuth    | 209-1 |         |         |         | 119        |         | %     |
| Bismuth    | 209-2 |         |         |         | 114        |         | %     |
| Boron      | 10-1  | 23.37   | 23.85   | 22.82   | 23.34      | 2.21    | ppb   |
| Boron      | 11-1  | 24.35   | 23.71   | 22.26   | 23.44      | 4.57    | ppb   |
| Cadmium    | 111-1 | 0.08    | 0.01    | 0.07    | 0.05       | 76.15   | ppb   |
| Cadmium    | 106-1 | -0.01   | -0.79   | -0.25   | -0.35      |         | ppb   |
| Cadmium    | 108-1 | 0.24    | 0.26    | 0.12    | 0.21       | 34.88   | ppb   |
| Calcium    | 43-1  | 5304.25 | 5152.87 | 5263.68 | 5240.27    | 1.50    | ppb   |
| Calcium    | 44-1  | 5352.90 | 5209.61 | 5426.97 | 5329.83    | 2.07    | ppb   |
| Chromium   | 52-2  | 0.15    | 0.27    | 0.19    | 0.20       | 30.26   | ppb   |
| Cobalt     | 59-2  | 0.09    | 0.08    | 0.06    | 0.08       | 19.88   | ppb   |
| Copper     | 63-2  | 172.73  | 170.77  | 170.61  | 171.37     | 0.69    | ppb   |
| Dysprosium | 156-1 |         |         |         |            |         | cps   |
| Dysprosium | 156-2 |         |         |         |            |         | cps   |
| Erbium     | 164-1 |         |         |         |            |         | cps   |
| Erbium     | 164-2 |         |         |         |            |         | cps   |
| Gadolinium | 160-1 |         |         |         |            |         | cps   |
| Gadolinium | 160-2 |         |         |         |            |         | cps   |
| Holmium    | 165-1 |         |         |         | 119        |         | %     |
| Holmium    | 165-2 |         |         |         | 114        |         | %     |
| Indium     | 115-1 |         |         |         | 116        |         | %     |
| Indium     | 115-2 |         |         |         | 108        |         | %     |
| Iron       | 56-2  | 17.67   | 17.84   | 16.90   | 17.47      | 2.86    | ppb   |
| Iron       | 57-2  | 14.79   | 15.71   | 17.86   | 16.12      | 9.79    | ppb   |
| Krypton    | 83-1  |         |         |         |            |         | cps   |
| Lead       | 206-1 | 1.51    | 1.48    | 1.55    | 1.51       | 2.39    | ppb   |
| Lead       | 207-1 | 1.35    | 1.31    | 1.42    | 1.36       | 4.02    | ppb   |
| Lead       | 208-1 | 1.42    | 1.40    | 1.46    | 1.43       | 2.08    | ppb   |
| Lithium    | 6-1   |         |         |         | 111        |         | %     |
| Magnesium  | 24-2  | 1174.10 | 1188.39 | 1183.97 | 1182.15    | 0.62    | ppb   |

|                         |                      |                   |                     |
|-------------------------|----------------------|-------------------|---------------------|
| LB Number :             | LB97237              | Operator :        | Jaswal              |
| Lab Sample ID :         | J4354-02             | Instrumnet Name : | P8                  |
| Client Sample ID :      | 67-2-BSMT-GIRLS-BR-V | Dilution Factor : | 1                   |
| Date & Time Acquired :: | 2018-08-10 15:51:08  | DataFile Name :   | 068SMPL_P8081018-MS |

| Parameter  | Mass  | ConRep1  | ConRep2  | ConRep3  | Avg. Conc. | ConcRSD | Units |
|------------|-------|----------|----------|----------|------------|---------|-------|
| Manganese  | 55-2  | 7.69     | 7.71     | 7.93     | 7.78       | 1.73    | ppb   |
| Molybdenum | 94-1  | 0.36     | 0.40     | 0.29     | 0.35       | 16.35   | ppb   |
| Molybdenum | 95-1  | 0.41     | 0.45     | 0.36     | 0.41       | 11.52   | ppb   |
| Molybdenum | 96-1  | 0.45     | 0.51     | 0.40     | 0.45       | 12.82   | ppb   |
| Molybdenum | 97-1  | 0.38     | 0.43     | 0.41     | 0.41       | 6.08    | ppb   |
| Molybdenum | 98-1  | 0.50     | 0.46     | 0.38     | 0.45       | 13.56   | ppb   |
| Neodymium  | 150-1 |          |          |          |            |         | cps   |
| Neodymium  | 150-2 |          |          |          |            |         | cps   |
| Nickel     | 60-2  | 2.75     | 2.60     | 2.37     | 2.57       | 7.38    | ppb   |
| Phosphorus | 31-2  | 564.67   | 668.57   | 835.41   | 689.55     | 19.81   | ppb   |
| Potassium  | 39-2  | 510.30   | 453.04   | 520.68   | 494.67     | 7.36    | ppb   |
| Rhodium    | 103-1 |          |          |          | 114        |         | %     |
| Rhodium    | 103-2 |          |          |          | 111        |         | %     |
| Scandium   | 45-1  |          |          |          | 109        |         | %     |
| Scandium   | 45-2  |          |          |          | 102        |         | %     |
| Selenium   | 77-2  | 0.00     | 0.00     | 0.00     | 0.00       | N/A     | ppb   |
| Selenium   | 78-2  | 0.94     | 1.87     | 0.00     | 0.94       | 99.79   | ppb   |
| Selenium   | 82-1  | 1.10     | 0.44     | 0.61     | 0.72       | 48.03   | ppb   |
| Silicon    | 28-1  | 906.88   | 879.06   | 913.04   | 899.66     | 2.01    | ppb   |
| Silver     | 109-1 | 0.08     | 0.09     | 0.08     | 0.08       | 3.66    | ppb   |
| Silver     | 107-1 | 0.07     | 0.07     | 0.08     | 0.07       | 12.35   | ppb   |
| Sodium     | 23-2  | 10838.07 | 10725.04 | 10725.12 | 10762.74   | 0.61    | ppb   |
| Strontium  | 86-1  | 17.64    | 17.57    | 18.38    | 17.86      | 2.53    | ppb   |
| Strontium  | 88-1  | 18.15    | 18.15    | 18.36    | 18.22      | 0.69    | ppb   |
| Sulfur     | 34-1  | -1830.67 | -1926.25 | -1678.36 | -1811.76   |         | ppb   |
| Terbium    | 159-1 |          |          |          | 119        |         | %     |
| Terbium    | 159-2 |          |          |          | 113        |         | %     |
| Thallium   | 203-1 | 0.26     | 0.27     | 0.21     | 0.25       | 11.59   | ppb   |
| Thallium   | 205-1 | 0.28     | 0.26     | 0.26     | 0.27       | 4.02    | ppb   |
| Tin        | 118-1 | 0.50     | 0.40     | 0.43     | 0.44       | 11.43   | ppb   |
| Titanium   | 47-1  | 0.41     | 0.31     | 0.44     | 0.38       | 17.89   | ppb   |
| Uranium    | 238-1 | 0.01     | 0.01     | 0.01     | 0.01       | 33.71   | ppb   |
| Vanadium   | 51-2  | 0.08     | 0.08     | 0.04     | 0.07       | 33.22   | ppb   |
| Yttrium    | 89-1  |          |          |          | 114        |         | %     |
| Yttrium    | 89-2  |          |          |          | 105        |         | %     |
| Zinc       | 66-2  | 160.48   | 160.09   | 156.49   | 159.02     | 1.38    | ppb   |

|                         |                      |                   |                     |
|-------------------------|----------------------|-------------------|---------------------|
| LB Number :             | LB97237              | Operator :        | Jaswal              |
| Lab Sample ID :         | J4354-02             | Instrumnet Name : | P8                  |
| Client Sample ID :      | 67-2-BSMT-GIRLS-BR-V | Dilution Factor : | 1                   |
| Date & Time Acquired :: | 2018-08-10 15:51:08  | DataFile Name :   | 068SMPL_P8081018-MS |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|-----------|------|---------|---------|---------|------------|---------|-------|
| Zirconium | 90-1 | 0.03    | 0.03    | 0.05    | 0.04       | 25.34   | ppb   |
| Zirconium | 91-1 | 0.06    | 0.03    | 0.04    | 0.04       | 45.25   | ppb   |

|                         |                      |                   |                     |
|-------------------------|----------------------|-------------------|---------------------|
| LB Number :             | LB97237              | Operator :        | Jaswal              |
| Lab Sample ID :         | J4354-03             | Instrumnet Name : | P8                  |
| Client Sample ID :      | 67-3-BSMT-GIRLS-BR-V | Dilution Factor : | 1                   |
| Date & Time Acquired :: | 2018-08-10 15:54:28  | DataFile Name :   | 069SMPL_P8081018-MS |

| Parameter  | Mass  | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|------------|-------|---------|---------|---------|------------|---------|-------|
| Aluminium  | 27-2  | 9.92    | 14.94   | 13.97   | 12.94      | 20.59   | ppb   |
| Antimony   | 121-1 | 1.24    | 1.15    | 1.13    | 1.17       | 5.07    | ppb   |
| Arsenic    | 75-2  | 0.31    | 0.44    | 0.26    | 0.34       | 28.01   | ppb   |
| Barium     | 135-1 | 16.47   | 15.71   | 14.65   | 15.61      | 5.87    | ppb   |
| Barium     | 137-1 | 16.53   | 14.98   | 14.87   | 15.46      | 6.02    | ppb   |
| Beryllium  | 9-1   | 0.13    | 0.11    | 0.10    | 0.11       | 14.71   | ppb   |
| Bismuth    | 209-1 |         |         |         | 116        |         | %     |
| Bismuth    | 209-2 |         |         |         | 115        |         | %     |
| Boron      | 10-1  | 17.83   | 17.73   | 15.38   | 16.98      | 8.15    | ppb   |
| Boron      | 11-1  | 18.14   | 17.31   | 16.16   | 17.20      | 5.78    | ppb   |
| Cadmium    | 111-1 | 0.05    | -0.03   | 0.09    | 0.04       | 173.36  | ppb   |
| Cadmium    | 106-1 | 0.13    | -1.43   | 0.44    | -0.28      |         | ppb   |
| Cadmium    | 108-1 | 0.14    | 0.13    | 0.21    | 0.16       | 28.77   | ppb   |
| Calcium    | 43-1  | 5858.06 | 5397.98 | 5271.17 | 5509.07    | 5.61    | ppb   |
| Calcium    | 44-1  | 5851.69 | 5486.22 | 5406.54 | 5581.48    | 4.25    | ppb   |
| Chromium   | 52-2  | 0.07    | 0.18    | 0.14    | 0.13       | 46.00   | ppb   |
| Cobalt     | 59-2  | 0.03    | 0.09    | 0.09    | 0.07       | 49.49   | ppb   |
| Copper     | 63-2  | 188.14  | 190.57  | 183.10  | 187.27     | 2.03    | 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 |         |         |         | 116        |         | %     |
| Holmium    | 165-2 |         |         |         | 114        |         | %     |
| Indium     | 115-1 |         |         |         | 112        |         | %     |
| Indium     | 115-2 |         |         |         | 108        |         | %     |
| Iron       | 56-2  | 16.97   | 16.79   | 16.19   | 16.65      | 2.47    | ppb   |
| Iron       | 57-2  | 20.20   | 22.47   | 16.92   | 19.86      | 14.06   | ppb   |
| Krypton    | 83-1  |         |         |         |            |         | cps   |
| Lead       | 206-1 | 1.16    | 1.14    | 1.13    | 1.14       | 1.51    | ppb   |
| Lead       | 207-1 | 1.12    | 1.03    | 0.98    | 1.04       | 6.88    | ppb   |
| Lead       | 208-1 | 1.14    | 1.06    | 1.04    | 1.08       | 5.25    | ppb   |
| Lithium    | 6-1   |         |         |         | 109        |         | %     |
| Magnesium  | 24-2  | 1230.02 | 1286.02 | 1232.12 | 1249.38    | 2.54    | ppb   |

|                         |                      |                   |                     |
|-------------------------|----------------------|-------------------|---------------------|
| LB Number :             | LB97237              | Operator :        | Jaswal              |
| Lab Sample ID :         | J4354-03             | Instrumnet Name : | P8                  |
| Client Sample ID :      | 67-3-BSMT-GIRLS-BR-V | Dilution Factor : | 1                   |
| Date & Time Acquired :: | 2018-08-10 15:54:28  | DataFile Name :   | 069SMPL_P8081018-MS |

| Parameter  | Mass  | ConRep1  | ConRep2  | ConRep3  | Avg. Conc. | ConcRSD | Units |
|------------|-------|----------|----------|----------|------------|---------|-------|
| Manganese  | 55-2  | 6.78     | 7.20     | 6.70     | 6.90       | 3.90    | ppb   |
| Molybdenum | 94-1  | 0.23     | 0.15     | 0.14     | 0.17       | 28.60   | ppb   |
| Molybdenum | 95-1  | 0.19     | 0.15     | 0.20     | 0.18       | 13.42   | ppb   |
| Molybdenum | 96-1  | 0.22     | 0.17     | 0.21     | 0.20       | 12.29   | ppb   |
| Molybdenum | 97-1  | 0.23     | 0.22     | 0.16     | 0.20       | 19.33   | ppb   |
| Molybdenum | 98-1  | 0.24     | 0.23     | 0.22     | 0.23       | 5.27    | ppb   |
| Neodymium  | 150-1 |          |          |          |            |         | cps   |
| Neodymium  | 150-2 |          |          |          |            |         | cps   |
| Nickel     | 60-2  | 6.11     | 5.48     | 5.48     | 5.69       | 6.38    | ppb   |
| Phosphorus | 31-2  | 459.42   | 519.23   | 529.23   | 502.63     | 7.51    | ppb   |
| Potassium  | 39-2  | 520.90   | 508.45   | 475.63   | 501.66     | 4.66    | ppb   |
| Rhodium    | 103-1 |          |          |          | 111        |         | %     |
| Rhodium    | 103-2 |          |          |          | 110        |         | %     |
| Scandium   | 45-1  |          |          |          | 107        |         | %     |
| Scandium   | 45-2  |          |          |          | 103        |         | %     |
| Selenium   | 77-2  | 0.00     | 0.00     | 0.00     | 0.00       | N/A     | ppb   |
| Selenium   | 78-2  | 0.94     | 0.00     | 0.00     | 0.31       | 173.21  | ppb   |
| Selenium   | 82-1  | 0.81     | -0.15    | 0.54     | 0.40       | 123.52  | ppb   |
| Silicon    | 28-1  | 997.09   | 918.38   | 888.20   | 934.55     | 6.02    | ppb   |
| Silver     | 109-1 | 0.08     | 0.06     | 0.08     | 0.07       | 11.06   | ppb   |
| Silver     | 107-1 | 0.06     | 0.07     | 0.08     | 0.07       | 15.60   | ppb   |
| Sodium     | 23-2  | 11031.68 | 11127.09 | 10640.68 | 10933.15   | 2.36    | ppb   |
| Strontium  | 86-1  | 19.78    | 18.74    | 18.00    | 18.84      | 4.75    | ppb   |
| Strontium  | 88-1  | 19.87    | 18.79    | 18.31    | 18.99      | 4.23    | ppb   |
| Sulfur     | 34-1  | -953.16  | -1527.88 | -1795.56 | -1425.54   |         | ppb   |
| Terbium    | 159-1 |          |          |          | 115        |         | %     |
| Terbium    | 159-2 |          |          |          | 113        |         | %     |
| Thallium   | 203-1 | 0.13     | 0.14     | 0.13     | 0.13       | 4.96    | ppb   |
| Thallium   | 205-1 | 0.14     | 0.13     | 0.13     | 0.13       | 4.00    | ppb   |
| Tin        | 118-1 | 0.21     | 0.18     | 0.21     | 0.20       | 9.38    | ppb   |
| Titanium   | 47-1  | 0.38     | 0.30     | 0.26     | 0.31       | 20.13   | ppb   |
| Uranium    | 238-1 | 0.01     | 0.01     | 0.01     | 0.01       | 28.17   | ppb   |
| Vanadium   | 51-2  | 0.10     | 0.11     | 0.02     | 0.07       | 63.04   | ppb   |
| Yttrium    | 89-1  |          |          |          | 110        |         | %     |
| Yttrium    | 89-2  |          |          |          | 105        |         | %     |
| Zinc       | 66-2  | 141.39   | 146.77   | 138.53   | 142.23     | 2.94    | ppb   |



|                         |                      |                   |                     |
|-------------------------|----------------------|-------------------|---------------------|
| LB Number :             | LB97237              | Operator :        | Jaswal              |
| Lab Sample ID :         | J4354-03             | Instrumnet Name : | P8                  |
| Client Sample ID :      | 67-3-BSMT-GIRLS-BR-V | Dilution Factor : | 1                   |
| Date & Time Acquired :: | 2018-08-10 15:54:28  | DataFile Name :   | 069SMPL_P8081018-MS |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|-----------|------|---------|---------|---------|------------|---------|-------|
| Zirconium | 90-1 | 0.05    | 0.05    | 0.03    | 0.04       | 34.75   | ppb   |
| Zirconium | 91-1 | 0.06    | 0.03    | 0.06    | 0.05       | 29.83   | ppb   |

LB Number : LB97237 Operator : Jaswal  
 Lab Sample ID : J4354-04 Instrumnet Name : P8  
 Client Sample ID : 67-4-BSMT-GIRLS-BR-V Dilution Factor : 1  
 Date & Time Acquired :: 2018-08-10 15:57:48 DataFile Name : 070CCBE\_P8081018-MS

| Parameter  | Mass  | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|------------|-------|---------|---------|---------|------------|---------|-------|
| Aluminium  | 27-2  | 39.07   | 28.27   | 38.08   | 35.14      | 16.99   | ppb   |
| Antimony   | 121-1 | 0.79    | 0.80    | 0.87    | 0.82       | 4.97    | ppb   |
| Arsenic    | 75-2  | 0.30    | 0.29    | 0.32    | 0.30       | 5.71    | ppb   |
| Barium     | 135-1 | 14.88   | 14.25   | 15.31   | 14.81      | 3.60    | ppb   |
| Barium     | 137-1 | 15.00   | 14.39   | 14.84   | 14.74      | 2.14    | ppb   |
| Beryllium  | 9-1   | 0.13    | 0.06    | 0.12    | 0.10       | 33.31   | ppb   |
| Bismuth    | 209-1 |         |         |         | 119        |         | %     |
| Bismuth    | 209-2 |         |         |         | 113        |         | %     |
| Boron      | 10-1  | 18.67   | 14.29   | 15.17   | 16.04      | 14.42   | ppb   |
| Boron      | 11-1  | 17.03   | 15.82   | 16.02   | 16.29      | 3.99    | ppb   |
| Cadmium    | 111-1 | 0.06    | -0.02   | 0.05    | 0.03       | 144.93  | ppb   |
| Cadmium    | 106-1 | -0.03   | -0.87   | -0.61   | -0.51      |         | ppb   |
| Cadmium    | 108-1 | 0.10    | 0.31    | 0.07    | 0.16       | 81.99   | ppb   |
| Calcium    | 43-1  | 5326.26 | 4916.54 | 5214.49 | 5152.43    | 4.11    | ppb   |
| Calcium    | 44-1  | 5445.18 | 5061.71 | 5356.06 | 5287.65    | 3.80    | ppb   |
| Chromium   | 52-2  | 0.19    | 0.09    | 0.13    | 0.13       | 37.74   | ppb   |
| Cobalt     | 59-2  | 0.09    | 0.07    | 0.07    | 0.08       | 15.66   | ppb   |
| Copper     | 63-2  | 179.87  | 181.62  | 184.19  | 181.89     | 1.20    | ppb   |
| Dysprosium | 156-1 |         |         |         |            |         | cps   |
| Dysprosium | 156-2 |         |         |         |            |         | cps   |
| Erbium     | 164-1 |         |         |         |            |         | cps   |
| Erbium     | 164-2 |         |         |         |            |         | cps   |
| Gadolinium | 160-1 |         |         |         |            |         | cps   |
| Gadolinium | 160-2 |         |         |         |            |         | cps   |
| Holmium    | 165-1 |         |         |         | 117        |         | %     |
| Holmium    | 165-2 |         |         |         | 113        |         | %     |
| Indium     | 115-1 |         |         |         | 115        |         | %     |
| Indium     | 115-2 |         |         |         | 106        |         | %     |
| Iron       | 56-2  | 17.31   | 19.89   | 18.20   | 18.47      | 7.09    | ppb   |
| Iron       | 57-2  | 18.13   | 14.84   | 14.84   | 15.93      | 11.91   | ppb   |
| Krypton    | 83-1  |         |         |         |            |         | cps   |
| Lead       | 206-1 | 1.09    | 1.04    | 1.11    | 1.08       | 3.30    | ppb   |
| Lead       | 207-1 | 1.01    | 0.92    | 0.96    | 0.96       | 4.91    | ppb   |
| Lead       | 208-1 | 1.04    | 0.97    | 0.99    | 1.00       | 3.55    | ppb   |
| Lithium    | 6-1   |         |         |         | 111        |         | %     |
| Magnesium  | 24-2  | 1219.65 | 1230.34 | 1251.26 | 1233.75    | 1.30    | ppb   |

|                         |                      |                   |                     |
|-------------------------|----------------------|-------------------|---------------------|
| LB Number :             | LB97237              | Operator :        | Jaswal              |
| Lab Sample ID :         | J4354-04             | Instrumnet Name : | P8                  |
| Client Sample ID :      | 67-4-BSMT-GIRLS-BR-V | Dilution Factor : | 1                   |
| Date & Time Acquired :: | 2018-08-10 15:57:48  | DataFile Name :   | 070CCBE_P8081018-MS |

| Parameter  | Mass  | ConRep1  | ConRep2  | ConRep3  | Avg. Conc. | ConcRSD | Units |
|------------|-------|----------|----------|----------|------------|---------|-------|
| Manganese  | 55-2  | 6.59     | 6.49     | 7.07     | 6.72       | 4.57    | ppb   |
| Molybdenum | 94-1  | 0.17     | 0.17     | 0.15     | 0.16       | 7.60    | ppb   |
| Molybdenum | 95-1  | 0.14     | 0.09     | 0.10     | 0.11       | 28.36   | ppb   |
| Molybdenum | 96-1  | 0.12     | 0.13     | 0.14     | 0.13       | 9.02    | ppb   |
| Molybdenum | 97-1  | 0.12     | 0.10     | 0.14     | 0.12       | 17.50   | ppb   |
| Molybdenum | 98-1  | 0.19     | 0.14     | 0.14     | 0.16       | 18.94   | ppb   |
| Neodymium  | 150-1 |          |          |          |            |         | cps   |
| Neodymium  | 150-2 |          |          |          |            |         | cps   |
| Nickel     | 60-2  | 8.16     | 7.83     | 8.60     | 8.20       | 4.72    | ppb   |
| Phosphorus | 31-2  | 773.33   | 486.87   | 747.57   | 669.26     | 23.68   | ppb   |
| Potassium  | 39-2  | 429.91   | 467.14   | 500.22   | 465.76     | 7.55    | ppb   |
| Rhodium    | 103-1 |          |          |          | 113        |         | %     |
| Rhodium    | 103-2 |          |          |          | 109        |         | %     |
| Scandium   | 45-1  |          |          |          | 109        |         | %     |
| Scandium   | 45-2  |          |          |          | 102        |         | %     |
| Selenium   | 77-2  | 0.00     | 0.00     | 6.14     | 2.05       | 173.21  | ppb   |
| Selenium   | 78-2  | 0.93     | 0.95     | 0.98     | 0.95       | 2.60    | ppb   |
| Selenium   | 82-1  | 0.79     | 0.76     | -0.20    | 0.45       | 124.04  | ppb   |
| Silicon    | 28-1  | 920.85   | 838.56   | 871.41   | 876.94     | 4.72    | ppb   |
| Silver     | 109-1 | 0.06     | 0.05     | 0.07     | 0.06       | 17.46   | ppb   |
| Silver     | 107-1 | 0.06     | 0.04     | 0.08     | 0.06       | 27.58   | ppb   |
| Sodium     | 23-2  | 10612.54 | 10582.80 | 10961.00 | 10718.78   | 1.96    | ppb   |
| Strontium  | 86-1  | 19.00    | 16.98    | 17.66    | 17.88      | 5.74    | ppb   |
| Strontium  | 88-1  | 18.69    | 17.67    | 18.43    | 18.26      | 2.89    | ppb   |
| Sulfur     | 34-1  | -1116.18 | -1998.44 | -1419.95 | -1511.52   |         | ppb   |
| Terbium    | 159-1 |          |          |          | 117        |         | %     |
| Terbium    | 159-2 |          |          |          | 112        |         | %     |
| Thallium   | 203-1 | 0.09     | 0.08     | 0.09     | 0.09       | 10.72   | ppb   |
| Thallium   | 205-1 | 0.09     | 0.09     | 0.09     | 0.09       | 0.95    | ppb   |
| Tin        | 118-1 | 0.17     | 0.12     | 0.14     | 0.14       | 17.05   | ppb   |
| Titanium   | 47-1  | 0.34     | 0.36     | 0.33     | 0.34       | 4.36    | ppb   |
| Uranium    | 238-1 | 0.01     | 0.01     | 0.01     | 0.01       | 13.06   | ppb   |
| Vanadium   | 51-2  | 0.05     | 0.12     | 0.07     | 0.08       | 47.00   | ppb   |
| Yttrium    | 89-1  |          |          |          | 113        |         | %     |
| Yttrium    | 89-2  |          |          |          | 104        |         | %     |
| Zinc       | 66-2  | 188.56   | 192.44   | 190.59   | 190.53     | 1.02    | ppb   |

|                         |                      |                   |                     |
|-------------------------|----------------------|-------------------|---------------------|
| LB Number :             | LB97237              | Operator :        | Jaswal              |
| Lab Sample ID :         | J4354-04             | Instrumnet Name : | P8                  |
| Client Sample ID :      | 67-4-BSMT-GIRLS-BR-V | Dilution Factor : | 1                   |
| Date & Time Acquired :: | 2018-08-10 15:57:48  | DataFile Name :   | 070CCBE_P8081018-MS |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|-----------|------|---------|---------|---------|------------|---------|-------|
| Zirconium | 90-1 | 0.04    | 0.03    | 0.05    | 0.04       | 23.48   | ppb   |
| Zirconium | 91-1 | 0.04    | 0.05    | 0.05    | 0.05       | 10.40   | ppb   |

LB Number : LB97237 Operator : Jaswal  
 Lab Sample ID : J4354-05 Instrumnet Name : P8  
 Client Sample ID : 67-5-BSMT-BOYS-BR-W Dilution Factor : 1  
 Date & Time Acquired :: 2018-08-10 16:01:08 DataFile Name : 071LCS6\_P8081018-MS

| Parameter  | Mass  | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|------------|-------|---------|---------|---------|------------|---------|-------|
| Aluminium  | 27-2  | 11.40   | 7.87    | 11.06   | 10.11      | 19.24   | ppb   |
| Antimony   | 121-1 | 0.74    | 0.67    | 0.73    | 0.71       | 5.03    | ppb   |
| Arsenic    | 75-2  | 0.38    | 0.31    | 0.20    | 0.30       | 31.34   | ppb   |
| Barium     | 135-1 | 15.06   | 15.20   | 14.75   | 15.00      | 1.55    | ppb   |
| Barium     | 137-1 | 15.01   | 15.14   | 15.00   | 15.05      | 0.53    | ppb   |
| Beryllium  | 9-1   | 0.08    | 0.06    | 0.07    | 0.07       | 9.97    | ppb   |
| Bismuth    | 209-1 |         |         |         | 121        |         | %     |
| Bismuth    | 209-2 |         |         |         | 115        |         | %     |
| Boron      | 10-1  | 10.47   | 10.04   | 11.95   | 10.82      | 9.27    | ppb   |
| Boron      | 11-1  | 10.39   | 11.27   | 11.04   | 10.90      | 4.21    | ppb   |
| Cadmium    | 111-1 | 0.03    | 0.08    | 0.01    | 0.04       | 99.09   | ppb   |
| Cadmium    | 106-1 | -0.69   | -0.09   | -0.88   | -0.56      |         | ppb   |
| Cadmium    | 108-1 | 0.28    | 0.20    | 0.36    | 0.28       | 28.11   | ppb   |
| Calcium    | 43-1  | 5208.01 | 5272.42 | 5159.60 | 5213.34    | 1.09    | ppb   |
| Calcium    | 44-1  | 5279.74 | 5309.48 | 5265.92 | 5285.05    | 0.42    | ppb   |
| Chromium   | 52-2  | -0.06   | 0.07    | 0.01    | 0.00       | 1715.17 | ppb   |
| Cobalt     | 59-2  | 0.01    | 0.04    | 0.02    | 0.02       | 61.69   | ppb   |
| Copper     | 63-2  | 215.19  | 230.18  | 224.23  | 223.20     | 3.38    | ppb   |
| Dysprosium | 156-1 |         |         |         |            |         | cps   |
| Dysprosium | 156-2 |         |         |         |            |         | cps   |
| Erbium     | 164-1 |         |         |         |            |         | cps   |
| Erbium     | 164-2 |         |         |         |            |         | cps   |
| Gadolinium | 160-1 |         |         |         |            |         | cps   |
| Gadolinium | 160-2 |         |         |         |            |         | cps   |
| Holmium    | 165-1 |         |         |         | 120        |         | %     |
| Holmium    | 165-2 |         |         |         | 114        |         | %     |
| Indium     | 115-1 |         |         |         | 118        |         | %     |
| Indium     | 115-2 |         |         |         | 108        |         | %     |
| Iron       | 56-2  | 14.01   | 17.15   | 15.57   | 15.58      | 10.08   | ppb   |
| Iron       | 57-2  | 14.25   | 16.01   | 12.08   | 14.11      | 13.94   | ppb   |
| Krypton    | 83-1  |         |         |         |            |         | cps   |
| Lead       | 206-1 | 0.99    | 1.05    | 0.99    | 1.01       | 3.59    | ppb   |
| Lead       | 207-1 | 0.90    | 0.98    | 0.92    | 0.94       | 4.52    | ppb   |
| Lead       | 208-1 | 0.94    | 1.00    | 0.95    | 0.96       | 2.99    | ppb   |
| Lithium    | 6-1   |         |         |         | 113        |         | %     |
| Magnesium  | 24-2  | 1124.23 | 1231.16 | 1215.27 | 1190.22    | 4.85    | ppb   |

|                         |                     |                   |                     |
|-------------------------|---------------------|-------------------|---------------------|
| LB Number :             | LB97237             | Operator :        | Jaswal              |
| Lab Sample ID :         | J4354-05            | Instrumnet Name : | P8                  |
| Client Sample ID :      | 67-5-BSMT-BOYS-BR-W | Dilution Factor : | 1                   |
| Date & Time Acquired :: | 2018-08-10 16:01:08 | DataFile Name :   | 071LCS6_P8081018-MS |

| Parameter  | Mass  | ConRep1  | ConRep2  | ConRep3  | Avg. Conc. | ConcRSD | Units |
|------------|-------|----------|----------|----------|------------|---------|-------|
| Manganese  | 55-2  | 4.99     | 5.32     | 4.99     | 5.10       | 3.82    | ppb   |
| Molybdenum | 94-1  | 0.11     | 0.11     | 0.11     | 0.11       | 2.01    | ppb   |
| Molybdenum | 95-1  | 0.10     | 0.06     | 0.07     | 0.07       | 27.59   | ppb   |
| Molybdenum | 96-1  | 0.09     | 0.11     | 0.12     | 0.11       | 15.39   | ppb   |
| Molybdenum | 97-1  | 0.07     | 0.10     | 0.06     | 0.07       | 24.17   | ppb   |
| Molybdenum | 98-1  | 0.08     | 0.09     | 0.11     | 0.09       | 13.75   | ppb   |
| Neodymium  | 150-1 |          |          |          |            |         | cps   |
| Neodymium  | 150-2 |          |          |          |            |         | cps   |
| Nickel     | 60-2  | 5.91     | 6.41     | 6.51     | 6.28       | 5.04    | ppb   |
| Phosphorus | 31-2  | 495.11   | 450.97   | 547.14   | 497.74     | 9.67    | ppb   |
| Potassium  | 39-2  | 485.98   | 525.44   | 507.06   | 506.16     | 3.90    | ppb   |
| Rhodium    | 103-1 |          |          |          | 115        |         | %     |
| Rhodium    | 103-2 |          |          |          | 111        |         | %     |
| Scandium   | 45-1  |          |          |          | 112        |         | %     |
| Scandium   | 45-2  |          |          |          | 102        |         | %     |
| Selenium   | 77-2  | 0.00     | 0.00     | 0.00     | 0.00       | N/A     | ppb   |
| Selenium   | 78-2  | 0.92     | 0.00     | 0.95     | 0.62       | 86.64   | ppb   |
| Selenium   | 82-1  | 0.54     | 0.14     | -0.18    | 0.17       | 216.93  | ppb   |
| Silicon    | 28-1  | 879.97   | 907.45   | 881.83   | 889.75     | 1.73    | ppb   |
| Silver     | 109-1 | 0.06     | 0.06     | 0.05     | 0.06       | 13.76   | ppb   |
| Silver     | 107-1 | 0.06     | 0.06     | 0.06     | 0.06       | 4.79    | ppb   |
| Sodium     | 23-2  | 10668.32 | 11570.20 | 11282.32 | 11173.61   | 4.12    | ppb   |
| Strontium  | 86-1  | 17.89    | 17.93    | 17.33    | 17.72      | 1.87    | ppb   |
| Strontium  | 88-1  | 17.99    | 18.53    | 18.22    | 18.25      | 1.48    | ppb   |
| Sulfur     | 34-1  | -1830.57 | -1772.32 | -1820.50 | -1807.80   |         | ppb   |
| Terbium    | 159-1 |          |          |          | 121        |         | %     |
| Terbium    | 159-2 |          |          |          | 113        |         | %     |
| Thallium   | 203-1 | 0.09     | 0.07     | 0.07     | 0.08       | 15.36   | ppb   |
| Thallium   | 205-1 | 0.08     | 0.08     | 0.09     | 0.08       | 6.74    | ppb   |
| Tin        | 118-1 | 0.11     | 0.21     | 0.09     | 0.14       | 45.77   | ppb   |
| Titanium   | 47-1  | 0.29     | 0.22     | 0.25     | 0.25       | 13.96   | ppb   |
| Uranium    | 238-1 | 0.01     | 0.01     | 0.01     | 0.01       | 15.16   | ppb   |
| Vanadium   | 51-2  | 0.06     | 0.05     | 0.09     | 0.07       | 28.54   | ppb   |
| Yttrium    | 89-1  |          |          |          | 116        |         | %     |
| Yttrium    | 89-2  |          |          |          | 105        |         | %     |
| Zinc       | 66-2  | 781.20   | 831.89   | 826.45   | 813.18     | 3.42    | ppb   |

|                         |                     |                   |                     |
|-------------------------|---------------------|-------------------|---------------------|
| LB Number :             | LB97237             | Operator :        | Jaswal              |
| Lab Sample ID :         | J4354-05            | Instrumnet Name : | P8                  |
| Client Sample ID :      | 67-5-BSMT-BOYS-BR-W | Dilution Factor : | 1                   |
| Date & Time Acquired :: | 2018-08-10 16:01:08 | DataFile Name :   | 071LCS6_P8081018-MS |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|-----------|------|---------|---------|---------|------------|---------|-------|
| Zirconium | 90-1 | 0.04    | 0.03    | 0.02    | 0.03       | 38.26   | ppb   |
| Zirconium | 91-1 | 0.05    | 0.03    | 0.04    | 0.04       | 20.33   | ppb   |

|                         |                     |                   |                     |
|-------------------------|---------------------|-------------------|---------------------|
| LB Number :             | LB97237             | Operator :        | Jaswal              |
| Lab Sample ID :         | J4354-06            | Instrumnet Name : | P8                  |
| Client Sample ID :      | 67-6-BSMT-BOYS-BR-W | Dilution Factor : | 1                   |
| Date & Time Acquired :: | 2018-08-10 16:14:09 | DataFile Name :   | 072SMPL_P8081018-MS |

| Parameter  | Mass  | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|------------|-------|---------|---------|---------|------------|---------|-------|
| Aluminium  | 27-2  | 11.81   | 12.37   | 10.46   | 11.55      | 8.50    | ppb   |
| Antimony   | 121-1 | 0.61    | 0.61    | 0.58    | 0.60       | 3.01    | ppb   |
| Arsenic    | 75-2  | 0.24    | 0.27    | 0.27    | 0.26       | 6.47    | ppb   |
| Barium     | 135-1 | 15.85   | 15.94   | 15.10   | 15.63      | 2.96    | ppb   |
| Barium     | 137-1 | 15.49   | 16.22   | 14.77   | 15.49      | 4.67    | ppb   |
| Beryllium  | 9-1   | 0.05    | 0.09    | 0.04    | 0.06       | 45.98   | ppb   |
| Bismuth    | 209-1 |         |         |         | 113        |         | %     |
| Bismuth    | 209-2 |         |         |         | 112        |         | %     |
| Boron      | 10-1  | 11.09   | 10.93   | 10.77   | 10.93      | 1.46    | ppb   |
| Boron      | 11-1  | 10.41   | 10.87   | 9.17    | 10.15      | 8.67    | ppb   |
| Cadmium    | 111-1 | -0.04   | 0.07    | -0.07   | -0.01      |         | ppb   |
| Cadmium    | 106-1 | -1.16   | 0.17    | -1.84   | -0.94      |         | ppb   |
| Cadmium    | 108-1 | 0.13    | -0.01   | 0.07    | 0.06       | 115.08  | ppb   |
| Calcium    | 43-1  | 5388.66 | 5571.53 | 5394.33 | 5451.51    | 1.91    | ppb   |
| Calcium    | 44-1  | 5547.95 | 5731.67 | 5521.73 | 5600.45    | 2.04    | ppb   |
| Chromium   | 52-2  | 0.16    | 0.13    | 0.17    | 0.15       | 15.06   | ppb   |
| Cobalt     | 59-2  | 0.04    | 0.05    | 0.02    | 0.03       | 34.94   | ppb   |
| Copper     | 63-2  | 210.85  | 216.04  | 218.12  | 215.00     | 1.74    | ppb   |
| Dysprosium | 156-1 |         |         |         |            |         | cps   |
| Dysprosium | 156-2 |         |         |         |            |         | cps   |
| Erbium     | 164-1 |         |         |         |            |         | cps   |
| Erbium     | 164-2 |         |         |         |            |         | cps   |
| Gadolinium | 160-1 |         |         |         |            |         | cps   |
| Gadolinium | 160-2 |         |         |         |            |         | cps   |
| Holmium    | 165-1 |         |         |         | 112        |         | %     |
| Holmium    | 165-2 |         |         |         | 111        |         | %     |
| Indium     | 115-1 |         |         |         | 110        |         | %     |
| Indium     | 115-2 |         |         |         | 106        |         | %     |
| Iron       | 56-2  | 15.16   | 15.48   | 15.34   | 15.33      | 1.06    | ppb   |
| Iron       | 57-2  | 17.21   | 23.62   | 15.62   | 18.82      | 22.53   | ppb   |
| Krypton    | 83-1  |         |         |         |            |         | cps   |
| Lead       | 206-1 | 0.87    | 0.79    | 0.82    | 0.83       | 4.73    | ppb   |
| Lead       | 207-1 | 0.78    | 0.79    | 0.81    | 0.79       | 2.00    | ppb   |
| Lead       | 208-1 | 0.81    | 0.80    | 0.80    | 0.80       | 0.79    | ppb   |
| Lithium    | 6-1   |         |         |         | 106        |         | %     |
| Magnesium  | 24-2  | 1170.15 | 1200.98 | 1189.86 | 1187.00    | 1.32    | ppb   |



|                         |                     |                   |                     |
|-------------------------|---------------------|-------------------|---------------------|
| LB Number :             | LB97237             | Operator :        | Jaswal              |
| Lab Sample ID :         | J4354-06            | Instrumnet Name : | P8                  |
| Client Sample ID :      | 67-6-BSMT-BOYS-BR-W | Dilution Factor : | 1                   |
| Date & Time Acquired :: | 2018-08-10 16:14:09 | DataFile Name :   | 072SMPL_P8081018-MS |

| Parameter  | Mass  | ConRep1  | ConRep2  | ConRep3  | Avg. Conc. | ConcRSD | Units |
|------------|-------|----------|----------|----------|------------|---------|-------|
| Manganese  | 55-2  | 8.40     | 9.15     | 8.18     | 8.58       | 5.92    | ppb   |
| Molybdenum | 94-1  | 0.19     | 0.12     | 0.15     | 0.15       | 22.14   | ppb   |
| Molybdenum | 95-1  | 0.05     | 0.04     | 0.04     | 0.05       | 12.60   | ppb   |
| Molybdenum | 96-1  | 0.07     | 0.07     | 0.08     | 0.07       | 4.03    | ppb   |
| Molybdenum | 97-1  | 0.07     | 0.08     | 0.03     | 0.06       | 40.76   | ppb   |
| Molybdenum | 98-1  | 0.07     | 0.09     | 0.07     | 0.08       | 18.91   | ppb   |
| Neodymium  | 150-1 |          |          |          |            |         | cps   |
| Neodymium  | 150-2 |          |          |          |            |         | cps   |
| Nickel     | 60-2  | 3.36     | 3.79     | 3.60     | 3.58       | 6.00    | ppb   |
| Phosphorus | 31-2  | 669.85   | 505.60   | 731.78   | 635.74     | 18.39   | ppb   |
| Potassium  | 39-2  | 499.90   | 499.24   | 500.14   | 499.76     | 0.09    | ppb   |
| Rhodium    | 103-1 |          |          |          | 108        |         | %     |
| Rhodium    | 103-2 |          |          |          | 109        |         | %     |
| Scandium   | 45-1  |          |          |          | 104        |         | %     |
| Scandium   | 45-2  |          |          |          | 100        |         | %     |
| Selenium   | 77-2  | 5.96     | 0.00     | 0.00     | 1.99       | 173.21  | ppb   |
| Selenium   | 78-2  | 1.90     | 0.00     | 0.00     | 0.63       | 173.21  | ppb   |
| Selenium   | 82-1  | 0.47     | 0.57     | -0.17    | 0.29       | 138.53  | ppb   |
| Silicon    | 28-1  | 938.03   | 949.12   | 930.80   | 939.32     | 0.98    | ppb   |
| Silver     | 109-1 | 0.06     | 0.09     | 0.09     | 0.08       | 19.11   | ppb   |
| Silver     | 107-1 | 0.07     | 0.06     | 0.08     | 0.07       | 12.17   | ppb   |
| Sodium     | 23-2  | 10732.50 | 10987.51 | 11086.15 | 10935.39   | 1.67    | ppb   |
| Strontium  | 86-1  | 18.42    | 19.19    | 18.55    | 18.72      | 2.20    | ppb   |
| Strontium  | 88-1  | 18.78    | 19.12    | 18.33    | 18.74      | 2.11    | ppb   |
| Sulfur     | 34-1  | -780.82  | -319.36  | -760.01  | -620.06    |         | ppb   |
| Terbium    | 159-1 |          |          |          | 112        |         | %     |
| Terbium    | 159-2 |          |          |          | 110        |         | %     |
| Thallium   | 203-1 | 0.06     | 0.10     | 0.08     | 0.08       | 22.00   | ppb   |
| Thallium   | 205-1 | 0.10     | 0.10     | 0.08     | 0.09       | 10.47   | ppb   |
| Tin        | 118-1 | 0.15     | 0.20     | 0.18     | 0.18       | 13.59   | ppb   |
| Titanium   | 47-1  | 0.34     | 0.39     | 0.48     | 0.40       | 18.22   | ppb   |
| Uranium    | 238-1 | 0.01     | 0.01     | 0.01     | 0.01       | 22.34   | ppb   |
| Vanadium   | 51-2  | 0.05     | 0.03     | 0.04     | 0.04       | 23.43   | ppb   |
| Yttrium    | 89-1  |          |          |          | 108        |         | %     |
| Yttrium    | 89-2  |          |          |          | 103        |         | %     |
| Zinc       | 66-2  | 155.35   | 160.77   | 160.44   | 158.85     | 1.91    | ppb   |

|                         |                     |                   |                     |
|-------------------------|---------------------|-------------------|---------------------|
| LB Number :             | LB97237             | Operator :        | Jaswal              |
| Lab Sample ID :         | J4354-06            | Instrumnet Name : | P8                  |
| Client Sample ID :      | 67-6-BSMT-BOYS-BR-W | Dilution Factor : | 1                   |
| Date & Time Acquired :: | 2018-08-10 16:14:09 | DataFile Name :   | 072SMPL_P8081018-MS |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|-----------|------|---------|---------|---------|------------|---------|-------|
| Zirconium | 90-1 | 0.07    | 0.09    | 0.07    | 0.07       | 16.81   | ppb   |
| Zirconium | 91-1 | 0.10    | 0.07    | 0.09    | 0.09       | 21.13   | ppb   |

|                         |                     |                   |                     |
|-------------------------|---------------------|-------------------|---------------------|
| LB Number :             | LB97237             | Operator :        | Jaswal              |
| Lab Sample ID :         | J4354-07            | Instrumnet Name : | P8                  |
| Client Sample ID :      | 67-7-FL2-WC         | Dilution Factor : | 1                   |
| Date & Time Acquired :: | 2018-08-10 16:17:29 | DataFile Name :   | 073SMPL_P8081018-MS |

| Parameter  | Mass  | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|------------|-------|---------|---------|---------|------------|---------|-------|
| Aluminium  | 27-2  | 11.60   | 18.57   | 15.06   | 15.08      | 23.11   | ppb   |
| Antimony   | 121-1 | 0.36    | 0.34    | 0.33    | 0.34       | 3.01    | ppb   |
| Arsenic    | 75-2  | 0.43    | 0.32    | 0.48    | 0.41       | 19.94   | ppb   |
| Barium     | 135-1 | 21.37   | 21.12   | 21.18   | 21.22      | 0.60    | ppb   |
| Barium     | 137-1 | 20.73   | 20.96   | 21.39   | 21.03      | 1.58    | ppb   |
| Beryllium  | 9-1   | 0.07    | 0.08    | 0.04    | 0.07       | 32.37   | ppb   |
| Bismuth    | 209-1 |         |         |         | 115        |         | %     |
| Bismuth    | 209-2 |         |         |         | 111        |         | %     |
| Boron      | 10-1  | 8.45    | 6.91    | 8.02    | 7.79       | 10.22   | ppb   |
| Boron      | 11-1  | 6.96    | 6.72    | 7.16    | 6.95       | 3.17    | ppb   |
| Cadmium    | 111-1 | -0.05   | -0.02   | 0.03    | -0.01      |         | ppb   |
| Cadmium    | 106-1 | -1.11   | -0.61   | -0.25   | -0.66      |         | ppb   |
| Cadmium    | 108-1 | 0.04    | 0.13    | -0.01   | 0.05       | 137.84  | ppb   |
| Calcium    | 43-1  | 5908.08 | 5983.00 | 6122.08 | 6004.39    | 1.81    | ppb   |
| Calcium    | 44-1  | 6193.22 | 6078.13 | 6201.06 | 6157.47    | 1.12    | ppb   |
| Chromium   | 52-2  | 0.03    | 0.20    | 0.08    | 0.10       | 84.79   | ppb   |
| Cobalt     | 59-2  | 0.03    | -0.01   | 0.02    | 0.01       | 129.20  | ppb   |
| Copper     | 63-2  | 4.21    | 3.76    | 3.54    | 3.84       | 8.87    | ppb   |
| Dysprosium | 156-1 |         |         |         |            |         | cps   |
| Dysprosium | 156-2 |         |         |         |            |         | cps   |
| Erbium     | 164-1 |         |         |         |            |         | cps   |
| Erbium     | 164-2 |         |         |         |            |         | cps   |
| Gadolinium | 160-1 |         |         |         |            |         | cps   |
| Gadolinium | 160-2 |         |         |         |            |         | cps   |
| Holmium    | 165-1 |         |         |         | 114        |         | %     |
| Holmium    | 165-2 |         |         |         | 111        |         | %     |
| Indium     | 115-1 |         |         |         | 112        |         | %     |
| Indium     | 115-2 |         |         |         | 104        |         | %     |
| Iron       | 56-2  | 14.03   | 13.78   | 12.50   | 13.44      | 6.09    | ppb   |
| Iron       | 57-2  | 15.80   | 11.54   | 17.65   | 15.00      | 20.88   | ppb   |
| Krypton    | 83-1  |         |         |         |            |         | cps   |
| Lead       | 206-1 | 0.06    | 0.07    | 0.07    | 0.06       | 8.34    | ppb   |
| Lead       | 207-1 | 0.06    | 0.06    | 0.06    | 0.06       | 3.37    | ppb   |
| Lead       | 208-1 | 0.06    | 0.06    | 0.06    | 0.06       | 6.10    | ppb   |
| Lithium    | 6-1   |         |         |         | 108        |         | %     |
| Magnesium  | 24-2  | 1491.46 | 1504.44 | 1463.54 | 1486.48    | 1.41    | ppb   |

|                         |                     |                   |                     |
|-------------------------|---------------------|-------------------|---------------------|
| LB Number :             | LB97237             | Operator :        | Jaswal              |
| Lab Sample ID :         | J4354-07            | Instrumnet Name : | P8                  |
| Client Sample ID :      | 67-7-FL2-WC         | Dilution Factor : | 1                   |
| Date & Time Acquired :: | 2018-08-10 16:17:29 | DataFile Name :   | 073SMPL_P8081018-MS |

| Parameter  | Mass  | ConRep1  | ConRep2  | ConRep3  | Avg. Conc. | ConcRSD | Units |
|------------|-------|----------|----------|----------|------------|---------|-------|
| Manganese  | 55-2  | 13.55    | 13.52    | 13.49    | 13.52      | 0.22    | ppb   |
| Molybdenum | 94-1  | 0.08     | 0.03     | 0.08     | 0.07       | 50.56   | ppb   |
| Molybdenum | 95-1  | 0.03     | 0.01     | 0.03     | 0.02       | 34.85   | ppb   |
| Molybdenum | 96-1  | 0.05     | 0.02     | 0.02     | 0.03       | 51.38   | ppb   |
| Molybdenum | 97-1  | 0.01     | 0.05     | 0.03     | 0.03       | 74.49   | ppb   |
| Molybdenum | 98-1  | 0.01     | 0.03     | 0.02     | 0.02       | 51.53   | ppb   |
| Neodymium  | 150-1 |          |          |          |            |         | cps   |
| Neodymium  | 150-2 |          |          |          |            |         | cps   |
| Nickel     | 60-2  | 0.83     | 0.93     | 0.74     | 0.83       | 11.41   | ppb   |
| Phosphorus | 31-2  | 1524.79  | 1150.70  | 1036.89  | 1237.46    | 20.63   | ppb   |
| Potassium  | 39-2  | 574.32   | 560.42   | 607.25   | 580.67     | 4.14    | ppb   |
| Rhodium    | 103-1 |          |          |          | 110        |         | %     |
| Rhodium    | 103-2 |          |          |          | 107        |         | %     |
| Scandium   | 45-1  |          |          |          | 106        |         | %     |
| Scandium   | 45-2  |          |          |          | 98         |         | %     |
| Selenium   | 77-2  | 0.00     | 0.00     | 0.00     | 0.00       | N/A     | ppb   |
| Selenium   | 78-2  | 0.00     | 1.95     | 0.00     | 0.65       | 173.21  | ppb   |
| Selenium   | 82-1  | -0.26    | -0.17    | -0.02    | -0.15      |         | ppb   |
| Silicon    | 28-1  | 2021.72  | 2007.03  | 2031.23  | 2019.99    | 0.60    | ppb   |
| Silver     | 109-1 | 0.13     | 0.16     | 0.16     | 0.15       | 12.99   | ppb   |
| Silver     | 107-1 | 0.16     | 0.15     | 0.15     | 0.15       | 2.70    | ppb   |
| Sodium     | 23-2  | 10723.35 | 10578.05 | 10213.78 | 10505.06   | 2.50    | ppb   |
| Strontium  | 86-1  | 23.22    | 23.14    | 23.42    | 23.26      | 0.62    | ppb   |
| Strontium  | 88-1  | 23.50    | 23.20    | 23.32    | 23.34      | 0.66    | ppb   |
| Sulfur     | 34-1  | -599.76  | -517.79  | -690.43  | -602.66    |         | ppb   |
| Terbium    | 159-1 |          |          |          | 113        |         | %     |
| Terbium    | 159-2 |          |          |          | 110        |         | %     |
| Thallium   | 203-1 | 0.03     | 0.04     | 0.05     | 0.04       | 25.29   | ppb   |
| Thallium   | 205-1 | 0.04     | 0.04     | 0.05     | 0.04       | 8.77    | ppb   |
| Tin        | 118-1 | 0.01     | 0.00     | 0.05     | 0.02       | 161.51  | ppb   |
| Titanium   | 47-1  | 0.51     | 0.51     | 0.46     | 0.49       | 5.27    | ppb   |
| Uranium    | 238-1 | 0.00     | 0.00     | 0.00     | 0.00       |         | ppb   |
| Vanadium   | 51-2  | 0.01     | 0.04     | 0.03     | 0.03       | 56.28   | ppb   |
| Yttrium    | 89-1  |          |          |          | 110        |         | %     |
| Yttrium    | 89-2  |          |          |          | 102        |         | %     |
| Zinc       | 66-2  | 77.08    | 74.42    | 70.98    | 74.16      | 4.13    | ppb   |

|                         |                     |                   |                     |
|-------------------------|---------------------|-------------------|---------------------|
| LB Number :             | LB97237             | Operator :        | Jaswal              |
| Lab Sample ID :         | J4354-07            | Instrumnet Name : | P8                  |
| Client Sample ID :      | 67-7-FL2-WC         | Dilution Factor : | 1                   |
| Date & Time Acquired :: | 2018-08-10 16:17:29 | DataFile Name :   | 073SMPL_P8081018-MS |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|-----------|------|---------|---------|---------|------------|---------|-------|
| Zirconium | 90-1 | 0.02    | 0.03    | 0.03    | 0.03       | 19.18   | ppb   |
| Zirconium | 91-1 | 0.04    | 0.04    | 0.03    | 0.04       | 8.99    | ppb   |

|                         |                     |                   |                     |
|-------------------------|---------------------|-------------------|---------------------|
| LB Number :             | LB97237             | Operator :        | Jaswal              |
| Lab Sample ID :         | J4354-08            | Instrumnet Name : | P8                  |
| Client Sample ID :      | 67-8-FL2-BR-W2-S1   | Dilution Factor : | 1                   |
| Date & Time Acquired :: | 2018-08-10 16:20:49 | DataFile Name :   | 074SMPL_P8081018-MS |

| Parameter  | Mass  | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|------------|-------|---------|---------|---------|------------|---------|-------|
| Aluminium  | 27-2  | 17.65   | 15.32   | 22.41   | 18.46      | 19.59   | ppb   |
| Antimony   | 121-1 | 0.99    | 1.03    | 1.01    | 1.01       | 2.00    | ppb   |
| Arsenic    | 75-2  | 0.27    | 0.18    | 0.09    | 0.18       | 47.83   | ppb   |
| Barium     | 135-1 | 17.96   | 18.88   | 17.98   | 18.27      | 2.87    | ppb   |
| Barium     | 137-1 | 18.42   | 18.41   | 17.95   | 18.26      | 1.47    | ppb   |
| Beryllium  | 9-1   | 0.05    | 0.08    | 0.04    | 0.05       | 37.44   | ppb   |
| Bismuth    | 209-1 |         |         |         | 114        |         | %     |
| Bismuth    | 209-2 |         |         |         | 111        |         | %     |
| Boron      | 10-1  | 11.90   | 11.84   | 10.94   | 11.56      | 4.65    | ppb   |
| Boron      | 11-1  | 10.50   | 11.14   | 11.91   | 11.18      | 6.33    | ppb   |
| Cadmium    | 111-1 | 0.14    | 0.15    | 0.10    | 0.13       | 21.19   | ppb   |
| Cadmium    | 106-1 | 0.02    | 0.34    | -0.63   | -0.09      |         | ppb   |
| Cadmium    | 108-1 | 1.04    | 1.10    | 0.98    | 1.04       | 5.77    | ppb   |
| Calcium    | 43-1  | 5122.57 | 5199.39 | 4948.20 | 5090.05    | 2.53    | ppb   |
| Calcium    | 44-1  | 5281.10 | 5378.89 | 5072.60 | 5244.20    | 2.98    | ppb   |
| Chromium   | 52-2  | -0.02   | 0.09    | 0.08    | 0.05       | 115.05  | ppb   |
| Cobalt     | 59-2  | 0.10    | 0.09    | 0.06    | 0.08       | 22.22   | ppb   |
| Copper     | 63-2  | 339.55  | 341.52  | 349.69  | 343.59     | 1.56    | ppb   |
| Dysprosium | 156-1 |         |         |         |            |         | cps   |
| Dysprosium | 156-2 |         |         |         |            |         | cps   |
| Erbium     | 164-1 |         |         |         |            |         | cps   |
| Erbium     | 164-2 |         |         |         |            |         | cps   |
| Gadolinium | 160-1 |         |         |         |            |         | cps   |
| Gadolinium | 160-2 |         |         |         |            |         | cps   |
| Holmium    | 165-1 |         |         |         | 114        |         | %     |
| Holmium    | 165-2 |         |         |         | 111        |         | %     |
| Indium     | 115-1 |         |         |         | 112        |         | %     |
| Indium     | 115-2 |         |         |         | 104        |         | %     |
| Iron       | 56-2  | 15.77   | 16.46   | 16.05   | 16.09      | 2.14    | ppb   |
| Iron       | 57-2  | 25.84   | 13.39   | 15.88   | 18.37      | 35.86   | ppb   |
| Krypton    | 83-1  |         |         |         |            |         | cps   |
| Lead       | 206-1 | 3.89    | 4.02    | 3.97    | 3.96       | 1.70    | ppb   |
| Lead       | 207-1 | 3.59    | 3.77    | 3.52    | 3.62       | 3.58    | ppb   |
| Lead       | 208-1 | 3.72    | 3.85    | 3.70    | 3.75       | 2.16    | ppb   |
| Lithium    | 6-1   |         |         |         | 108        |         | %     |
| Magnesium  | 24-2  | 1197.40 | 1219.63 | 1254.40 | 1223.81    | 2.35    | ppb   |

|                         |                     |                   |                     |
|-------------------------|---------------------|-------------------|---------------------|
| LB Number :             | LB97237             | Operator :        | Jaswal              |
| Lab Sample ID :         | J4354-08            | Instrumnet Name : | P8                  |
| Client Sample ID :      | 67-8-FL2-BR-W2-S1   | Dilution Factor : | 1                   |
| Date & Time Acquired :: | 2018-08-10 16:20:49 | DataFile Name :   | 074SMPL_P8081018-MS |

| Parameter  | Mass  | ConRep1  | ConRep2  | ConRep3  | Avg. Conc. | ConcRSD | Units |
|------------|-------|----------|----------|----------|------------|---------|-------|
| Manganese  | 55-2  | 11.30    | 11.52    | 10.47    | 11.09      | 4.98    | ppb   |
| Molybdenum | 94-1  | 0.07     | 0.12     | 0.10     | 0.10       | 24.84   | ppb   |
| Molybdenum | 95-1  | 0.02     | 0.08     | 0.04     | 0.05       | 67.85   | ppb   |
| Molybdenum | 96-1  | 0.07     | 0.05     | 0.08     | 0.06       | 25.47   | ppb   |
| Molybdenum | 97-1  | 0.05     | 0.10     | 0.07     | 0.07       | 32.91   | ppb   |
| Molybdenum | 98-1  | 0.07     | 0.06     | 0.06     | 0.06       | 6.38    | ppb   |
| Neodymium  | 150-1 |          |          |          |            |         | cps   |
| Neodymium  | 150-2 |          |          |          |            |         | cps   |
| Nickel     | 60-2  | 6.13     | 6.52     | 6.37     | 6.34       | 3.14    | ppb   |
| Phosphorus | 31-2  | 199.98   | 558.82   | 376.57   | 378.46     | 47.41   | ppb   |
| Potassium  | 39-2  | 509.81   | 509.18   | 507.67   | 508.89     | 0.22    | ppb   |
| Rhodium    | 103-1 |          |          |          | 110        |         | %     |
| Rhodium    | 103-2 |          |          |          | 107        |         | %     |
| Scandium   | 45-1  |          |          |          | 105        |         | %     |
| Scandium   | 45-2  |          |          |          | 98         |         | %     |
| Selenium   | 77-2  | 0.00     | 0.00     | 0.00     | 0.00       | N/A     | ppb   |
| Selenium   | 78-2  | 0.00     | 0.00     | 0.00     | 0.00       | N/A     | ppb   |
| Selenium   | 82-1  | 0.53     | 0.34     | 0.55     | 0.47       | 24.88   | ppb   |
| Silicon    | 28-1  | 966.49   | 987.84   | 947.59   | 967.31     | 2.08    | ppb   |
| Silver     | 109-1 | 0.07     | 0.07     | 0.06     | 0.07       | 7.04    | ppb   |
| Silver     | 107-1 | 0.06     | 0.09     | 0.08     | 0.08       | 16.08   | ppb   |
| Sodium     | 23-2  | 10602.39 | 10544.56 | 10869.14 | 10672.03   | 1.62    | ppb   |
| Strontium  | 86-1  | 17.63    | 18.63    | 18.00    | 18.09      | 2.77    | ppb   |
| Strontium  | 88-1  | 18.26    | 18.74    | 17.96    | 18.32      | 2.15    | ppb   |
| Sulfur     | 34-1  | -1041.13 | -802.12  | -1252.05 | -1031.77   |         | ppb   |
| Terbium    | 159-1 |          |          |          | 114        |         | %     |
| Terbium    | 159-2 |          |          |          | 110        |         | %     |
| Thallium   | 203-1 | 0.04     | 0.04     | 0.05     | 0.04       | 15.89   | ppb   |
| Thallium   | 205-1 | 0.06     | 0.05     | 0.05     | 0.05       | 7.12    | ppb   |
| Tin        | 118-1 | 0.04     | 0.08     | 0.09     | 0.07       | 43.38   | ppb   |
| Titanium   | 47-1  | 0.20     | 0.32     | 0.23     | 0.25       | 26.81   | ppb   |
| Uranium    | 238-1 | 0.04     | 0.04     | 0.04     | 0.04       | 9.53    | ppb   |
| Vanadium   | 51-2  | 0.07     | 0.08     | 0.02     | 0.06       | 61.15   | ppb   |
| Yttrium    | 89-1  |          |          |          | 109        |         | %     |
| Yttrium    | 89-2  |          |          |          | 101        |         | %     |
| Zinc       | 66-2  | 3627.79  | 3640.64  | 3689.65  | 3652.69    | 0.89    | ppb   |

|                         |                     |                   |                     |
|-------------------------|---------------------|-------------------|---------------------|
| LB Number :             | LB97237             | Operator :        | Jaswal              |
| Lab Sample ID :         | J4354-08            | Instrumnet Name : | P8                  |
| Client Sample ID :      | 67-8-FL2-BR-W2-S1   | Dilution Factor : | 1                   |
| Date & Time Acquired :: | 2018-08-10 16:20:49 | DataFile Name :   | 074SMPL_P8081018-MS |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|-----------|------|---------|---------|---------|------------|---------|-------|
| Zirconium | 90-1 | 0.06    | 0.04    | 0.02    | 0.04       | 40.66   | ppb   |
| Zirconium | 91-1 | 0.04    | 0.05    | 0.04    | 0.04       | 17.83   | ppb   |



|                         |                       |                   |                     |
|-------------------------|-----------------------|-------------------|---------------------|
| LB Number :             | LB97237               | Operator :        | Jaswal              |
| Lab Sample ID :         | J4354-09              | Instrumnet Name : | P8                  |
| Client Sample ID :      | 67-9-FL3-ADMIN-OFFICI | Dilution Factor : | 1                   |
| Date & Time Acquired :: | 2018-08-10 16:24:09   | DataFile Name :   | 075SMPL_P8081018-MS |

| Parameter  | Mass  | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|------------|-------|---------|---------|---------|------------|---------|-------|
| Aluminium  | 27-2  | 6.47    | 11.67   | 8.65    | 8.93       | 29.21   | ppb   |
| Antimony   | 121-1 | 0.30    | 0.29    | 0.29    | 0.29       | 2.44    | ppb   |
| Arsenic    | 75-2  | 0.23    | 0.55    | 0.35    | 0.38       | 43.36   | ppb   |
| Barium     | 135-1 | 13.02   | 11.74   | 11.53   | 12.10      | 6.66    | ppb   |
| Barium     | 137-1 | 12.79   | 11.76   | 12.03   | 12.19      | 4.40    | ppb   |
| Beryllium  | 9-1   | 0.05    | 0.02    | 0.01    | 0.03       | 76.22   | ppb   |
| Bismuth    | 209-1 |         |         |         | 114        |         | %     |
| Bismuth    | 209-2 |         |         |         | 111        |         | %     |
| Boron      | 10-1  | 20.27   | 18.56   | 20.29   | 19.71      | 5.04    | ppb   |
| Boron      | 11-1  | 20.82   | 20.32   | 20.16   | 20.43      | 1.69    | ppb   |
| Cadmium    | 111-1 | 0.68    | 0.55    | 0.56    | 0.60       | 12.43   | ppb   |
| Cadmium    | 106-1 | 0.04    | -0.91   | 0.01    | -0.29      |         | ppb   |
| Cadmium    | 108-1 | 0.63    | 0.58    | 0.71    | 0.64       | 10.05   | ppb   |
| Calcium    | 43-1  | 5526.10 | 5116.48 | 5015.55 | 5219.38    | 5.18    | ppb   |
| Calcium    | 44-1  | 5577.95 | 5228.20 | 5156.04 | 5320.73    | 4.24    | ppb   |
| Chromium   | 52-2  | 0.49    | 0.58    | 0.60    | 0.56       | 11.06   | ppb   |
| Cobalt     | 59-2  | 0.08    | 0.07    | 0.06    | 0.07       | 15.97   | ppb   |
| Copper     | 63-2  | 0.73    | 0.87    | 0.80    | 0.80       | 8.93    | ppb   |
| Dysprosium | 156-1 |         |         |         |            |         | cps   |
| Dysprosium | 156-2 |         |         |         |            |         | cps   |
| Erbium     | 164-1 |         |         |         |            |         | cps   |
| Erbium     | 164-2 |         |         |         |            |         | cps   |
| Gadolinium | 160-1 |         |         |         |            |         | cps   |
| Gadolinium | 160-2 |         |         |         |            |         | cps   |
| Holmium    | 165-1 |         |         |         | 112        |         | %     |
| Holmium    | 165-2 |         |         |         | 110        |         | %     |
| Indium     | 115-1 |         |         |         | 110        |         | %     |
| Indium     | 115-2 |         |         |         | 103        |         | %     |
| Iron       | 56-2  | 13.44   | 12.99   | 13.53   | 13.32      | 2.17    | ppb   |
| Iron       | 57-2  | 14.18   | 13.29   | 12.32   | 13.26      | 7.02    | ppb   |
| Krypton    | 83-1  |         |         |         |            |         | cps   |
| Lead       | 206-1 | 0.03    | 0.04    | 0.04    | 0.04       | 23.40   | ppb   |
| Lead       | 207-1 | 0.04    | 0.04    | 0.03    | 0.04       | 16.72   | ppb   |
| Lead       | 208-1 | 0.04    | 0.03    | 0.03    | 0.03       | 6.10    | ppb   |
| Lithium    | 6-1   |         |         |         | 107        |         | %     |
| Magnesium  | 24-2  | 1255.48 | 1265.11 | 1300.44 | 1273.68    | 1.86    | ppb   |

|                         |                       |                   |                     |
|-------------------------|-----------------------|-------------------|---------------------|
| LB Number :             | LB97237               | Operator :        | Jaswal              |
| Lab Sample ID :         | J4354-09              | Instrumnet Name : | P8                  |
| Client Sample ID :      | 67-9-FL3-ADMIN-OFFICI | Dilution Factor : | 1                   |
| Date & Time Acquired :: | 2018-08-10 16:24:09   | DataFile Name :   | 075SMPL_P8081018-MS |

| Parameter  | Mass  | ConRep1  | ConRep2  | ConRep3  | Avg. Conc. | ConcRSD | Units |
|------------|-------|----------|----------|----------|------------|---------|-------|
| Manganese  | 55-2  | 49.43    | 49.99    | 48.13    | 49.18      | 1.94    | ppb   |
| Molybdenum | 94-1  | 0.07     | 0.07     | 0.02     | 0.05       | 47.16   | ppb   |
| Molybdenum | 95-1  | 0.01     | 0.01     | 0.01     | 0.01       | 35.08   | ppb   |
| Molybdenum | 96-1  | 0.03     | 0.02     | 0.03     | 0.03       | 26.69   | ppb   |
| Molybdenum | 97-1  | 0.01     | 0.01     | 0.02     | 0.01       | 26.91   | ppb   |
| Molybdenum | 98-1  | 0.01     | 0.03     | 0.03     | 0.02       | 46.43   | ppb   |
| Neodymium  | 150-1 |          |          |          |            |         | cps   |
| Neodymium  | 150-2 |          |          |          |            |         | cps   |
| Nickel     | 60-2  | 11.64    | 11.44    | 11.35    | 11.48      | 1.31    | ppb   |
| Phosphorus | 31-2  | 401.16   | 630.47   | 577.02   | 536.22     | 22.38   | ppb   |
| Potassium  | 39-2  | 645.68   | 678.21   | 697.48   | 673.79     | 3.89    | ppb   |
| Rhodium    | 103-1 |          |          |          | 107        |         | %     |
| Rhodium    | 103-2 |          |          |          | 107        |         | %     |
| Scandium   | 45-1  |          |          |          | 103        |         | %     |
| Scandium   | 45-2  |          |          |          | 96         |         | %     |
| Selenium   | 77-2  | 0.00     | 0.00     | 0.00     | 0.00       | N/A     | ppb   |
| Selenium   | 78-2  | 0.00     | 0.98     | 1.00     | 0.66       | 86.61   | ppb   |
| Selenium   | 82-1  | 0.16     | 0.35     | 0.27     | 0.26       | 35.97   | ppb   |
| Silicon    | 28-1  | 1910.43  | 1783.56  | 1793.93  | 1829.31    | 3.85    | ppb   |
| Silver     | 109-1 | 0.18     | 0.18     | 0.16     | 0.17       | 4.23    | ppb   |
| Silver     | 107-1 | 0.16     | 0.15     | 0.19     | 0.16       | 12.13   | ppb   |
| Sodium     | 23-2  | 10926.14 | 10997.50 | 11011.00 | 10978.21   | 0.42    | ppb   |
| Strontium  | 86-1  | 21.51    | 20.15    | 20.21    | 20.62      | 3.71    | ppb   |
| Strontium  | 88-1  | 22.15    | 20.61    | 20.20    | 20.99      | 4.89    | ppb   |
| Sulfur     | 34-1  | 935.59   | 100.84   | 104.95   | 380.46     | 126.36  | ppb   |
| Terbium    | 159-1 |          |          |          | 112        |         | %     |
| Terbium    | 159-2 |          |          |          | 109        |         | %     |
| Thallium   | 203-1 | 0.03     | 0.02     | 0.03     | 0.02       | 22.31   | ppb   |
| Thallium   | 205-1 | 0.03     | 0.03     | 0.03     | 0.03       | 4.08    | ppb   |
| Tin        | 118-1 | 0.06     | 0.02     | -0.04    | 0.01       | 379.04  | ppb   |
| Titanium   | 47-1  | 0.21     | 0.37     | 0.24     | 0.27       | 32.40   | ppb   |
| Uranium    | 238-1 | 0.00     | 0.00     | 0.00     | 0.00       |         | ppb   |
| Vanadium   | 51-2  | 0.01     | 0.00     | 0.02     | 0.01       | 89.43   | ppb   |
| Yttrium    | 89-1  |          |          |          | 108        |         | %     |
| Yttrium    | 89-2  |          |          |          | 100        |         | %     |
| Zinc       | 66-2  | 213.52   | 215.98   | 209.27   | 212.92     | 1.59    | ppb   |

|                         |                       |                   |                     |
|-------------------------|-----------------------|-------------------|---------------------|
| LB Number :             | LB97237               | Operator :        | Jaswal              |
| Lab Sample ID :         | J4354-09              | Instrumnet Name : | P8                  |
| Client Sample ID :      | 67-9-FL3-ADMIN-OFFICI | Dilution Factor : | 1                   |
| Date & Time Acquired :: | 2018-08-10 16:24:09   | DataFile Name :   | 075SMPL_P8081018-MS |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|-----------|------|---------|---------|---------|------------|---------|-------|
| Zirconium | 90-1 | 0.03    | 0.02    | 0.01    | 0.02       | 50.45   | ppb   |
| Zirconium | 91-1 | 0.07    | 0.04    | 0.03    | 0.05       | 42.26   | ppb   |

|                         |                       |                   |                     |
|-------------------------|-----------------------|-------------------|---------------------|
| LB Number :             | LB97237               | Operator :        | Jaswal              |
| Lab Sample ID :         | J4354-10              | Instrumnet Name : | P8                  |
| Client Sample ID :      | 67-10-FL3-ADMIN-OFF-V | Dilution Factor : | 1                   |
| Date & Time Acquired :: | 2018-08-10 16:27:29   | DataFile Name :   | 076SMPL_P8081018-MS |

| Parameter  | Mass  | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|------------|-------|---------|---------|---------|------------|---------|-------|
| Aluminium  | 27-2  | 14.24   | 7.95    | 7.79    | 9.99       | 36.83   | ppb   |
| Antimony   | 121-1 | 0.37    | 0.39    | 0.44    | 0.40       | 9.58    | ppb   |
| Arsenic    | 75-2  | 0.18    | 0.31    | 0.29    | 0.26       | 27.54   | ppb   |
| Barium     | 135-1 | 20.39   | 20.61   | 20.79   | 20.60      | 0.99    | ppb   |
| Barium     | 137-1 | 20.50   | 20.56   | 20.64   | 20.57      | 0.35    | ppb   |
| Beryllium  | 9-1   | 0.02    | 0.06    | 0.02    | 0.04       | 55.87   | ppb   |
| Bismuth    | 209-1 |         |         |         | 118        |         | %     |
| Bismuth    | 209-2 |         |         |         | 110        |         | %     |
| Boron      | 10-1  | 7.42    | 8.45    | 9.74    | 8.54       | 13.61   | ppb   |
| Boron      | 11-1  | 8.69    | 9.27    | 8.50    | 8.82       | 4.55    | ppb   |
| Cadmium    | 111-1 | 2.30    | 2.29    | 2.54    | 2.38       | 5.93    | ppb   |
| Cadmium    | 106-1 | 1.07    | 1.99    | 3.01    | 2.03       | 47.91   | ppb   |
| Cadmium    | 108-1 | 2.53    | 2.22    | 2.33    | 2.36       | 6.66    | ppb   |
| Calcium    | 43-1  | 5439.78 | 5476.99 | 5583.35 | 5500.04    | 1.35    | ppb   |
| Calcium    | 44-1  | 5547.49 | 5651.40 | 5765.85 | 5654.92    | 1.93    | ppb   |
| Chromium   | 52-2  | 0.25    | 0.03    | 0.00    | 0.10       | 141.75  | ppb   |
| Cobalt     | 59-2  | 0.10    | 0.09    | 0.05    | 0.08       | 28.00   | ppb   |
| Copper     | 63-2  | 168.31  | 147.34  | 135.81  | 150.49     | 10.95   | 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 |         |         |         | 117        |         | %     |
| Holmium    | 165-2 |         |         |         | 110        |         | %     |
| Indium     | 115-1 |         |         |         | 115        |         | %     |
| Indium     | 115-2 |         |         |         | 103        |         | %     |
| Iron       | 56-2  | 1704.96 | 1479.94 | 1382.71 | 1522.54    | 10.86   | ppb   |
| Iron       | 57-2  | 1747.84 | 1455.63 | 1432.07 | 1545.18    | 11.38   | ppb   |
| Krypton    | 83-1  |         |         |         |            |         | cps   |
| Lead       | 206-1 | 0.77    | 0.76    | 0.80    | 0.78       | 2.42    | ppb   |
| Lead       | 207-1 | 0.65    | 0.73    | 0.67    | 0.68       | 6.22    | ppb   |
| Lead       | 208-1 | 0.71    | 0.72    | 0.73    | 0.72       | 1.38    | ppb   |
| Lithium    | 6-1   |         |         |         | 111        |         | %     |
| Magnesium  | 24-2  | 1547.73 | 1328.47 | 1267.67 | 1381.29    | 10.67   | ppb   |

|                         |                       |                   |                     |
|-------------------------|-----------------------|-------------------|---------------------|
| LB Number :             | LB97237               | Operator :        | Jaswal              |
| Lab Sample ID :         | J4354-10              | Instrumnet Name : | P8                  |
| Client Sample ID :      | 67-10-FL3-ADMIN-OFF-V | Dilution Factor : | 1                   |
| Date & Time Acquired :: | 2018-08-10 16:27:29   | DataFile Name :   | 076SMPL_P8081018-MS |

| Parameter  | Mass  | ConRep1  | ConRep2  | ConRep3  | Avg. Conc. | ConcRSD | Units |
|------------|-------|----------|----------|----------|------------|---------|-------|
| Manganese  | 55-2  | 9.60     | 8.83     | 7.62     | 8.68       | 11.50   | ppb   |
| Molybdenum | 94-1  | 0.09     | 0.06     | 0.07     | 0.07       | 19.61   | ppb   |
| Molybdenum | 95-1  | 0.01     | 0.02     | 0.03     | 0.02       | 38.23   | ppb   |
| Molybdenum | 96-1  | 0.03     | 0.04     | 0.07     | 0.04       | 44.61   | ppb   |
| Molybdenum | 97-1  | 0.04     | 0.03     | 0.05     | 0.04       | 37.45   | ppb   |
| Molybdenum | 98-1  | 0.03     | 0.04     | 0.04     | 0.04       | 15.67   | ppb   |
| Neodymium  | 150-1 |          |          |          |            |         | cps   |
| Neodymium  | 150-2 |          |          |          |            |         | cps   |
| Nickel     | 60-2  | 61.00    | 53.18    | 50.27    | 54.82      | 10.12   | ppb   |
| Phosphorus | 31-2  | 575.46   | 371.21   | 423.46   | 456.71     | 23.23   | ppb   |
| Potassium  | 39-2  | 674.18   | 534.01   | 472.21   | 560.13     | 18.48   | ppb   |
| Rhodium    | 103-1 |          |          |          | 113        |         | %     |
| Rhodium    | 103-2 |          |          |          | 107        |         | %     |
| Scandium   | 45-1  |          |          |          | 108        |         | %     |
| Scandium   | 45-2  |          |          |          | 96         |         | %     |
| Selenium   | 77-2  | 0.00     | 5.94     | 0.00     | 1.98       | 173.21  | ppb   |
| Selenium   | 78-2  | 1.05     | 0.00     | 0.95     | 0.67       | 86.91   | ppb   |
| Selenium   | 82-1  | 0.46     | -0.31    | -0.02    | 0.04       | 911.48  | ppb   |
| Silicon    | 28-1  | 964.13   | 987.88   | 1002.51  | 984.84     | 1.97    | ppb   |
| Silver     | 109-1 | 0.04     | 0.05     | 0.06     | 0.05       | 18.09   | ppb   |
| Silver     | 107-1 | 0.05     | 0.05     | 0.05     | 0.05       | 5.32    | ppb   |
| Sodium     | 23-2  | 12823.63 | 11097.52 | 10403.23 | 11441.46   | 10.89   | ppb   |
| Strontium  | 86-1  | 20.27    | 20.19    | 20.80    | 20.42      | 1.63    | ppb   |
| Strontium  | 88-1  | 20.45    | 20.66    | 20.87    | 20.66      | 1.01    | ppb   |
| Sulfur     | 34-1  | -1130.93 | -831.34  | -668.34  | -876.87    |         | ppb   |
| Terbium    | 159-1 |          |          |          | 118        |         | %     |
| Terbium    | 159-2 |          |          |          | 110        |         | %     |
| Thallium   | 203-1 | 0.03     | 0.01     | 0.03     | 0.02       | 59.94   | ppb   |
| Thallium   | 205-1 | 0.03     | 0.04     | 0.04     | 0.04       | 12.94   | ppb   |
| Tin        | 118-1 | 0.03     | 0.04     | 0.02     | 0.03       | 28.83   | ppb   |
| Titanium   | 47-1  | 0.28     | 0.29     | 0.26     | 0.27       | 4.26    | ppb   |
| Uranium    | 238-1 | 0.00     | 0.01     | 0.01     | 0.01       | 24.23   | ppb   |
| Vanadium   | 51-2  | 0.00     | 0.03     | 0.04     | 0.02       | 74.60   | ppb   |
| Yttrium    | 89-1  |          |          |          | 112        |         | %     |
| Yttrium    | 89-2  |          |          |          | 101        |         | %     |
| Zinc       | 66-2  | 1230.10  | 1081.13  | 995.10   | 1102.11    | 10.79   | ppb   |

|                         |                       |                   |                     |
|-------------------------|-----------------------|-------------------|---------------------|
| LB Number :             | LB97237               | Operator :        | Jaswal              |
| Lab Sample ID :         | J4354-10              | Instrumnet Name : | P8                  |
| Client Sample ID :      | 67-10-FL3-ADMIN-OFF-V | Dilution Factor : | 1                   |
| Date & Time Acquired :: | 2018-08-10 16:27:29   | DataFile Name :   | 076SMPL_P8081018-MS |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|-----------|------|---------|---------|---------|------------|---------|-------|
| Zirconium | 90-1 | 0.04    | 0.04    | 0.03    | 0.04       | 11.12   | ppb   |
| Zirconium | 91-1 | 0.04    | 0.07    | 0.06    | 0.06       | 28.47   | ppb   |

|                         |                     |                   |                      |
|-------------------------|---------------------|-------------------|----------------------|
| LB Number :             | LB97237             | Operator :        | Jaswal               |
| Lab Sample ID :         | CCV95               | Instrumnet Name : | P8                   |
| Client Sample ID :      | CCV95               | Dilution Factor : | 1                    |
| Date & Time Acquired :: | 2018-08-10 16:30:48 | DataFile Name :   | 077CCV_P8081018-MS.I |

| Parameter  | Mass  | ConRep1   | ConRep2   | ConRep3   | Avg. Conc. | ConcRSD | Units |
|------------|-------|-----------|-----------|-----------|------------|---------|-------|
| Aluminium  | 27-2  | 52836.36  | 50871.29  | 53041.81  | 52249.82   | 2.29    | ppb   |
| Antimony   | 121-1 | 485.47    | 512.16    | 487.29    | 494.97     | 3.01    | ppb   |
| Arsenic    | 75-2  | 489.45    | 489.79    | 495.28    | 491.51     | 0.67    | ppb   |
| Barium     | 135-1 | 2502.74   | 2665.69   | 2504.98   | 2557.80    | 3.65    | ppb   |
| Barium     | 137-1 | 2489.47   | 2606.92   | 2496.85   | 2531.08    | 2.60    | ppb   |
| Beryllium  | 9-1   | 509.61    | 531.30    | 504.08    | 515.00     | 2.79    | ppb   |
| Bismuth    | 209-1 |           |           |           | 99         |         | %     |
| Bismuth    | 209-2 |           |           |           | 103        |         | %     |
| Boron      | 10-1  | 480.52    | 520.22    | 505.09    | 501.94     | 3.99    | ppb   |
| Boron      | 11-1  | 484.05    | 529.18    | 508.84    | 507.36     | 4.45    | ppb   |
| Cadmium    | 111-1 | 479.94    | 505.21    | 481.66    | 488.94     | 2.89    | ppb   |
| Cadmium    | 106-1 | 491.98    | 514.62    | 491.01    | 499.20     | 2.68    | ppb   |
| Cadmium    | 108-1 | 481.03    | 506.92    | 486.39    | 491.45     | 2.78    | ppb   |
| Calcium    | 43-1  | 245529.75 | 253346.96 | 245363.94 | 248080.21  | 1.84    | ppb   |
| Calcium    | 44-1  | 242899.16 | 252658.25 | 243249.27 | 246268.89  | 2.25    | ppb   |
| Chromium   | 52-2  | 516.93    | 502.45    | 519.80    | 513.06     | 1.81    | ppb   |
| Cobalt     | 59-2  | 494.90    | 484.06    | 498.49    | 492.49     | 1.53    | ppb   |
| Copper     | 63-2  | 972.41    | 947.30    | 980.05    | 966.59     | 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 |           |           |           | 105        |         | %     |
| Holmium    | 165-2 |           |           |           | 109        |         | %     |
| Indium     | 115-1 |           |           |           | 98         |         | %     |
| Indium     | 115-2 |           |           |           | 99         |         | %     |
| Iron       | 56-2  | 132422.05 | 129099.25 | 132809.40 | 131443.57  | 1.55    | ppb   |
| Iron       | 57-2  | 135130.04 | 128896.67 | 135119.12 | 133048.61  | 2.70    | ppb   |
| Krypton    | 83-1  |           |           |           |            |         | cps   |
| Lead       | 206-1 | 517.87    | 538.61    | 522.46    | 526.31     | 2.07    | ppb   |
| Lead       | 207-1 | 524.16    | 539.79    | 519.97    | 527.97     | 1.98    | ppb   |
| Lead       | 208-1 | 514.52    | 535.97    | 518.83    | 523.11     | 2.17    | ppb   |
| Lithium    | 6-1   |           |           |           | 97         |         | %     |
| Magnesium  | 24-2  | 252874.21 | 247037.76 | 253829.96 | 251247.31  | 1.46    | ppb   |

|                         |                     |                   |                      |
|-------------------------|---------------------|-------------------|----------------------|
| LB Number :             | LB97237             | Operator :        | Jaswal               |
| Lab Sample ID :         | CCV95               | Instrumnet Name : | P8                   |
| Client Sample ID :      | CCV95               | Dilution Factor : | 1                    |
| Date & Time Acquired :: | 2018-08-10 16:30:48 | DataFile Name :   | 077CCV_P8081018-MS.I |

| Parameter  | Mass  | ConRep1   | ConRep2   | ConRep3   | Avg. Conc. | ConcRSD | Units |
|------------|-------|-----------|-----------|-----------|------------|---------|-------|
| Manganese  | 55-2  | 990.22    | 969.68    | 1001.97   | 987.29     | 1.66    | ppb   |
| Molybdenum | 94-1  | 2515.89   | 2668.73   | 2551.87   | 2578.83    | 3.10    | ppb   |
| Molybdenum | 95-1  | 2522.15   | 2655.02   | 2551.45   | 2576.21    | 2.71    | ppb   |
| Molybdenum | 96-1  | 2498.37   | 2625.47   | 2556.40   | 2560.08    | 2.49    | ppb   |
| Molybdenum | 97-1  | 2519.51   | 2654.50   | 2569.32   | 2581.11    | 2.64    | ppb   |
| Molybdenum | 98-1  | 2553.53   | 2658.23   | 2575.48   | 2595.75    | 2.13    | ppb   |
| Neodymium  | 150-1 |           |           |           |            |         | cps   |
| Neodymium  | 150-2 |           |           |           |            |         | cps   |
| Nickel     | 60-2  | 507.07    | 492.03    | 509.93    | 503.01     | 1.91    | ppb   |
| Phosphorus | 31-2  | 11156.09  | 9449.53   | 10441.56  | 10349.06   | 8.28    | ppb   |
| Potassium  | 39-2  | 124132.65 | 122252.81 | 125863.48 | 124082.98  | 1.46    | ppb   |
| Rhodium    | 103-1 |           |           |           | 96         |         | %     |
| Rhodium    | 103-2 |           |           |           | 98         |         | %     |
| Scandium   | 45-1  |           |           |           | 99         |         | %     |
| Scandium   | 45-2  |           |           |           | 100        |         | %     |
| Selenium   | 77-2  | 480.85    | 402.57    | 376.76    | 420.06     | 12.90   | ppb   |
| Selenium   | 78-2  | 513.01    | 476.47    | 524.82    | 504.77     | 4.99    | ppb   |
| Selenium   | 82-1  | 489.34    | 515.96    | 500.22    | 501.84     | 2.67    | ppb   |
| Silicon    | 28-1  | 540.78    | 575.56    | 553.32    | 556.56     | 3.16    | ppb   |
| Silver     | 109-1 | 493.53    | 518.59    | 491.01    | 501.04     | 3.04    | ppb   |
| Silver     | 107-1 | 489.79    | 515.24    | 490.35    | 498.46     | 2.92    | ppb   |
| Sodium     | 23-2  | 254480.79 | 245565.80 | 255373.35 | 251806.65  | 2.15    | ppb   |
| Strontium  | 86-1  | 491.05    | 519.66    | 497.40    | 502.70     | 2.99    | ppb   |
| Strontium  | 88-1  | 505.03    | 533.24    | 508.75    | 515.67     | 2.97    | ppb   |
| Sulfur     | 34-1  | 9366.76   | 10509.56  | 9620.66   | 9832.33    | 6.10    | ppb   |
| Terbium    | 159-1 |           |           |           | 105        |         | %     |
| Terbium    | 159-2 |           |           |           | 108        |         | %     |
| Thallium   | 203-1 | 519.80    | 544.28    | 522.25    | 528.78     | 2.55    | ppb   |
| Thallium   | 205-1 | 511.05    | 534.99    | 514.26    | 520.10     | 2.50    | ppb   |
| Tin        | 118-1 | 501.91    | 529.04    | 498.46    | 509.80     | 3.29    | ppb   |
| Titanium   | 47-1  | 2566.39   | 2641.16   | 2555.60   | 2587.72    | 1.80    | ppb   |
| Uranium    | 238-1 | 515.25    | 532.22    | 517.90    | 521.79     | 1.75    | ppb   |
| Vanadium   | 51-2  | 503.62    | 491.31    | 505.31    | 500.08     | 1.53    | ppb   |
| Yttrium    | 89-1  |           |           |           | 101        |         | %     |
| Yttrium    | 89-2  |           |           |           | 101        |         | %     |
| Zinc       | 66-2  | 972.08    | 952.11    | 987.39    | 970.53     | 1.82    | ppb   |



|                         |                     |                   |                      |
|-------------------------|---------------------|-------------------|----------------------|
| LB Number :             | LB97237             | Operator :        | Jaswal               |
| Lab Sample ID :         | CCV95               | Instrumnet Name : | P8                   |
| Client Sample ID :      | CCV95               | Dilution Factor : | 1                    |
| Date & Time Acquired :: | 2018-08-10 16:30:48 | DataFile Name :   | 077CCV_P8081018-MS.I |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|-----------|------|---------|---------|---------|------------|---------|-------|
| Zirconium | 90-1 | 507.30  | 531.84  | 515.80  | 518.31     | 2.40    | ppb   |
| Zirconium | 91-1 | 494.08  | 528.94  | 512.59  | 511.87     | 3.41    | ppb   |

|                         |                     |                   |                     |
|-------------------------|---------------------|-------------------|---------------------|
| LB Number :             | LB97237             | Operator :        | Jaswal              |
| Lab Sample ID :         | CCB95               | Instrumnet Name : | P8                  |
| Client Sample ID :      | CCB95               | Dilution Factor : | 1                   |
| Date & Time Acquired :: | 2018-08-10 16:33:58 | DataFile Name :   | 078CCBE_P8081018-M5 |

| Parameter  | Mass  | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|------------|-------|---------|---------|---------|------------|---------|-------|
| Aluminium  | 27-2  | -0.66   | -0.65   | 0.37    | -0.32      |         | ppb   |
| Antimony   | 121-1 | 1.13    | 1.08    | 0.98    | 1.06       | 6.86    | ppb   |
| Arsenic    | 75-2  | 0.05    | 0.00    | -0.02   | 0.01       | 508.85  | ppb   |
| Barium     | 135-1 | 0.06    | 0.03    | 0.02    | 0.04       | 50.84   | ppb   |
| Barium     | 137-1 | 0.02    | 0.02    | 0.00    | 0.02       | 64.86   | ppb   |
| Beryllium  | 9-1   | 0.22    | 0.26    | 0.15    | 0.21       | 26.63   | ppb   |
| Bismuth    | 209-1 |         |         |         | 107        |         | %     |
| Bismuth    | 209-2 |         |         |         | 107        |         | %     |
| Boron      | 10-1  | 16.88   | 16.38   | 13.13   | 15.46      | 13.19   | ppb   |
| Boron      | 11-1  | 18.74   | 16.72   | 15.24   | 16.90      | 10.41   | ppb   |
| Cadmium    | 111-1 | 0.01    | 0.04    | -0.03   | 0.00       | 693.80  | ppb   |
| Cadmium    | 106-1 | -0.43   | 0.06    | -0.77   | -0.38      |         | ppb   |
| Cadmium    | 108-1 | 0.02    | -0.01   | 0.05    | 0.02       | 172.90  | ppb   |
| Calcium    | 43-1  | 7.19    | 2.84    | 6.86    | 5.63       | 42.96   | ppb   |
| Calcium    | 44-1  | 0.48    | -2.57   | -1.65   | -1.25      |         | ppb   |
| Chromium   | 52-2  | 0.04    | 0.07    | -0.02   | 0.03       | 143.03  | ppb   |
| Cobalt     | 59-2  | 0.00    | -0.02   | -0.02   | -0.01      |         | ppb   |
| Copper     | 63-2  | -0.48   | -0.49   | -0.54   | -0.50      |         | ppb   |
| Dysprosium | 156-1 |         |         |         |            |         | cps   |
| Dysprosium | 156-2 |         |         |         |            |         | cps   |
| Erbium     | 164-1 |         |         |         |            |         | cps   |
| Erbium     | 164-2 |         |         |         |            |         | cps   |
| Gadolinium | 160-1 |         |         |         |            |         | cps   |
| Gadolinium | 160-2 |         |         |         |            |         | cps   |
| Holmium    | 165-1 |         |         |         | 106        |         | %     |
| Holmium    | 165-2 |         |         |         | 108        |         | %     |
| Indium     | 115-1 |         |         |         | 105        |         | %     |
| Indium     | 115-2 |         |         |         | 103        |         | %     |
| Iron       | 56-2  | 3.40    | 2.93    | 2.97    | 3.10       | 8.43    | ppb   |
| Iron       | 57-2  | 5.19    | 0.18    | 2.78    | 2.72       | 92.11   | ppb   |
| Krypton    | 83-1  |         |         |         |            |         | cps   |
| Lead       | 206-1 | 0.03    | 0.01    | 0.01    | 0.02       | 64.70   | ppb   |
| Lead       | 207-1 | 0.01    | 0.02    | 0.02    | 0.02       | 36.54   | ppb   |
| Lead       | 208-1 | 0.02    | 0.02    | 0.02    | 0.02       | 17.03   | ppb   |
| Lithium    | 6-1   |         |         |         | 103        |         | %     |
| Magnesium  | 24-2  | 3.71    | 8.86    | 12.89   | 8.49       | 54.24   | ppb   |

|                         |                     |                   |                     |
|-------------------------|---------------------|-------------------|---------------------|
| LB Number :             | LB97237             | Operator :        | Jaswal              |
| Lab Sample ID :         | CCB95               | Instrumnet Name : | P8                  |
| Client Sample ID :      | CCB95               | Dilution Factor : | 1                   |
| Date & Time Acquired :: | 2018-08-10 16:33:58 | DataFile Name :   | 078CCBE_P8081018-MS |

| Parameter  | Mass  | ConRep1 | ConRep2  | ConRep3 | Avg. Conc. | ConcRSD | Units |
|------------|-------|---------|----------|---------|------------|---------|-------|
| Manganese  | 55-2  | -0.24   | -0.34    | -0.32   | -0.30      |         | ppb   |
| Molybdenum | 94-1  | 1.01    | 1.01     | 0.86    | 0.96       | 9.04    | ppb   |
| Molybdenum | 95-1  | 1.12    | 0.85     | 0.86    | 0.94       | 16.38   | ppb   |
| Molybdenum | 96-1  | 1.09    | 0.93     | 0.83    | 0.95       | 14.10   | ppb   |
| Molybdenum | 97-1  | 1.15    | 0.90     | 0.84    | 0.97       | 16.90   | ppb   |
| Molybdenum | 98-1  | 1.07    | 0.97     | 0.85    | 0.96       | 11.25   | ppb   |
| Neodymium  | 150-1 |         |          |         |            |         | cps   |
| Neodymium  | 150-2 |         |          |         |            |         | cps   |
| Nickel     | 60-2  | 0.20    | 0.19     | 0.17    | 0.19       | 7.34    | ppb   |
| Phosphorus | 31-2  | -17.95  | -17.95   | -17.95  | -17.95     |         | ppb   |
| Potassium  | 39-2  | 27.06   | -6.68    | 7.54    | 9.31       | 182.04  | ppb   |
| Rhodium    | 103-1 |         |          |         | 104        |         | %     |
| Rhodium    | 103-2 |         |          |         | 105        |         | %     |
| Scandium   | 45-1  |         |          |         | 101        |         | %     |
| Scandium   | 45-2  |         |          |         | 99         |         | %     |
| Selenium   | 77-2  | 0.00    | 0.00     | 0.00    | 0.00       | N/A     | ppb   |
| Selenium   | 78-2  | 0.98    | 0.97     | 0.97    | 0.97       | 0.46    | ppb   |
| Selenium   | 82-1  | 0.21    | 0.78     | 0.39    | 0.46       | 63.18   | ppb   |
| Silicon    | 28-1  | 0.12    | -0.64    | -0.62   | -0.38      |         | ppb   |
| Silver     | 109-1 | 0.05    | 0.05     | 0.04    | 0.05       | 8.97    | ppb   |
| Silver     | 107-1 | 0.05    | 0.06     | 0.04    | 0.05       | 15.83   | ppb   |
| Sodium     | 23-2  | 21.00   | 15.14    | 16.81   | 17.65      | 17.09   | ppb   |
| Strontium  | 86-1  | -0.03   | -0.04    | -0.03   | -0.03      |         | ppb   |
| Strontium  | 88-1  | 0.02    | 0.00     | 0.01    | 0.01       | 71.72   | ppb   |
| Sulfur     | 34-1  | -821.63 | -1105.60 | -840.25 | -922.49    |         | ppb   |
| Terbium    | 159-1 |         |          |         | 107        |         | %     |
| Terbium    | 159-2 |         |          |         | 108        |         | %     |
| Thallium   | 203-1 | 0.14    | 0.12     | 0.10    | 0.12       | 17.76   | ppb   |
| Thallium   | 205-1 | 0.14    | 0.13     | 0.12    | 0.13       | 7.44    | ppb   |
| Tin        | 118-1 | 0.45    | 0.44     | 0.32    | 0.40       | 17.64   | ppb   |
| Titanium   | 47-1  | 0.09    | 0.10     | 0.09    | 0.09       | 9.52    | ppb   |
| Uranium    | 238-1 | 0.02    | 0.02     | 0.01    | 0.01       | 26.57   | ppb   |
| Vanadium   | 51-2  | 0.02    | 0.02     | 0.01    | 0.01       | 27.07   | ppb   |
| Yttrium    | 89-1  |         |          |         | 103        |         | %     |
| Yttrium    | 89-2  |         |          |         | 102        |         | %     |
| Zinc       | 66-2  | 0.48    | 0.03     | 0.35    | 0.29       | 79.04   | ppb   |

|                         |                     |                   |                     |
|-------------------------|---------------------|-------------------|---------------------|
| LB Number :             | LB97237             | Operator :        | Jaswal              |
| Lab Sample ID :         | CCB95               | Instrumnet Name : | P8                  |
| Client Sample ID :      | CCB95               | Dilution Factor : | 1                   |
| Date & Time Acquired :: | 2018-08-10 16:33:58 | DataFile Name :   | 078CCBE_P8081018-MS |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|-----------|------|---------|---------|---------|------------|---------|-------|
| Zirconium | 90-1 | 0.20    | 0.20    | 0.18    | 0.19       | 5.79    | ppb   |
| Zirconium | 91-1 | 0.17    | 0.19    | 0.21    | 0.19       | 9.79    | ppb   |

LB Number : LB97237 Operator : Jaswal  
 Lab Sample ID : J4354-11 Instrumnet Name : P8  
 Client Sample ID : 67-11-FL3-ADMIN-OFF-E Dilution Factor : 1  
 Date & Time Acquired :: 2018-08-10 16:37:19 DataFile Name : 079SMPL\_P8081018-MS

| Parameter  | Mass  | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|------------|-------|---------|---------|---------|------------|---------|-------|
| Aluminium  | 27-2  | 19.98   | 21.54   | 22.42   | 21.31      | 5.80    | ppb   |
| Antimony   | 121-1 | 0.67    | 0.65    | 0.73    | 0.68       | 5.98    | ppb   |
| Arsenic    | 75-2  | 0.23    | 0.15    | 0.19    | 0.19       | 22.00   | ppb   |
| Barium     | 135-1 | 30.20   | 29.36   | 29.59   | 29.71      | 1.46    | ppb   |
| Barium     | 137-1 | 30.64   | 29.69   | 29.63   | 29.99      | 1.90    | ppb   |
| Beryllium  | 9-1   | 0.10    | 0.09    | 0.07    | 0.09       | 21.33   | ppb   |
| Bismuth    | 209-1 |         |         |         | 117        |         | %     |
| Bismuth    | 209-2 |         |         |         | 115        |         | %     |
| Boron      | 10-1  | 14.47   | 14.87   | 12.92   | 14.09      | 7.30    | ppb   |
| Boron      | 11-1  | 14.35   | 13.76   | 12.91   | 13.67      | 5.31    | ppb   |
| Cadmium    | 111-1 | 1.58    | 1.44    | 1.51    | 1.51       | 4.37    | ppb   |
| Cadmium    | 106-1 | 3.44    | 1.63    | 1.02    | 2.03       | 61.82   | ppb   |
| Cadmium    | 108-1 | 1.45    | 1.56    | 1.44    | 1.48       | 4.48    | ppb   |
| Calcium    | 43-1  | 8958.67 | 8775.06 | 8699.77 | 8811.17    | 1.51    | ppb   |
| Calcium    | 44-1  | 9135.06 | 9084.60 | 8685.07 | 8968.24    | 2.75    | ppb   |
| Chromium   | 52-2  | 0.03    | 0.04    | -0.07   | 0.00       |         | ppb   |
| Cobalt     | 59-2  | 0.09    | 0.09    | 0.09    | 0.09       | 3.50    | ppb   |
| Copper     | 63-2  | 478.86  | 493.39  | 478.53  | 483.59     | 1.75    | 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 |         |         |         | 116        |         | %     |
| Holmium    | 165-2 |         |         |         | 116        |         | %     |
| Indium     | 115-1 |         |         |         | 114        |         | %     |
| Indium     | 115-2 |         |         |         | 109        |         | %     |
| Iron       | 56-2  | 224.40  | 230.69  | 225.83  | 226.97     | 1.45    | ppb   |
| Iron       | 57-2  | 224.25  | 233.50  | 205.43  | 221.06     | 6.47    | ppb   |
| Krypton    | 83-1  |         |         |         |            |         | cps   |
| Lead       | 206-1 | 0.80    | 0.75    | 0.72    | 0.76       | 5.48    | ppb   |
| Lead       | 207-1 | 0.71    | 0.69    | 0.70    | 0.70       | 1.65    | ppb   |
| Lead       | 208-1 | 0.73    | 0.72    | 0.70    | 0.72       | 2.02    | ppb   |
| Lithium    | 6-1   |         |         |         | 111        |         | %     |
| Magnesium  | 24-2  | 1975.19 | 2045.20 | 1939.44 | 1986.61    | 2.71    | ppb   |

|                         |                       |                   |                     |
|-------------------------|-----------------------|-------------------|---------------------|
| LB Number :             | LB97237               | Operator :        | Jaswal              |
| Lab Sample ID :         | J4354-11              | Instrumnet Name : | P8                  |
| Client Sample ID :      | 67-11-FL3-ADMIN-OFF-E | Dilution Factor : | 1                   |
| Date & Time Acquired :: | 2018-08-10 16:37:19   | DataFile Name :   | 079SMPL_P8081018-MS |

| Parameter  | Mass  | ConRep1  | ConRep2  | ConRep3  | Avg. Conc. | ConcRSD | Units |
|------------|-------|----------|----------|----------|------------|---------|-------|
| Manganese  | 55-2  | 20.37    | 20.21    | 19.54    | 20.04      | 2.20    | ppb   |
| Molybdenum | 94-1  | 1.92     | 1.54     | 1.24     | 1.57       | 21.73   | ppb   |
| Molybdenum | 95-1  | 0.30     | 0.26     | 0.21     | 0.26       | 16.91   | ppb   |
| Molybdenum | 96-1  | 0.49     | 0.43     | 0.39     | 0.44       | 11.65   | ppb   |
| Molybdenum | 97-1  | 0.28     | 0.30     | 0.25     | 0.28       | 9.55    | ppb   |
| Molybdenum | 98-1  | 0.33     | 0.28     | 0.26     | 0.29       | 12.65   | ppb   |
| Neodymium  | 150-1 |          |          |          |            |         | cps   |
| Neodymium  | 150-2 |          |          |          |            |         | cps   |
| Nickel     | 60-2  | 33.21    | 34.37    | 33.25    | 33.61      | 1.97    | ppb   |
| Phosphorus | 31-2  | 137.32   | 168.24   | 163.89   | 156.48     | 10.70   | ppb   |
| Potassium  | 39-2  | 533.15   | 575.94   | 515.44   | 541.51     | 5.74    | ppb   |
| Rhodium    | 103-1 |          |          |          | 112        |         | %     |
| Rhodium    | 103-2 |          |          |          | 112        |         | %     |
| Scandium   | 45-1  |          |          |          | 110        |         | %     |
| Scandium   | 45-2  |          |          |          | 104        |         | %     |
| Selenium   | 77-2  | 0.00     | 0.00     | 0.00     | 0.00       | N/A     | ppb   |
| Selenium   | 78-2  | 0.00     | 0.00     | 0.00     | 0.00       | N/A     | ppb   |
| Selenium   | 82-1  | 0.56     | -0.18    | 0.31     | 0.23       | 164.63  | ppb   |
| Silicon    | 28-1  | 1269.05  | 1251.96  | 1212.35  | 1244.45    | 2.34    | ppb   |
| Silver     | 109-1 | 0.11     | 0.12     | 0.12     | 0.12       | 4.05    | ppb   |
| Silver     | 107-1 | 0.16     | 0.11     | 0.11     | 0.13       | 21.30   | ppb   |
| Sodium     | 23-2  | 10864.10 | 11143.27 | 10831.95 | 10946.44   | 1.56    | ppb   |
| Strontium  | 86-1  | 31.53    | 30.74    | 30.52    | 30.93      | 1.72    | ppb   |
| Strontium  | 88-1  | 31.99    | 31.00    | 30.73    | 31.24      | 2.13    | ppb   |
| Sulfur     | 34-1  | -178.21  | -265.83  | -616.48  | -353.51    |         | ppb   |
| Terbium    | 159-1 |          |          |          | 116        |         | %     |
| Terbium    | 159-2 |          |          |          | 115        |         | %     |
| Thallium   | 203-1 | 0.14     | 0.12     | 0.08     | 0.11       | 26.84   | ppb   |
| Thallium   | 205-1 | 0.16     | 0.14     | 0.12     | 0.14       | 16.83   | ppb   |
| Tin        | 118-1 | 0.78     | 0.75     | 0.81     | 0.78       | 3.91    | ppb   |
| Titanium   | 47-1  | 0.18     | 0.18     | 0.12     | 0.16       | 23.10   | ppb   |
| Uranium    | 238-1 | 0.01     | 0.00     | 0.00     | 0.01       | 20.68   | ppb   |
| Vanadium   | 51-2  | 0.04     | 0.05     | 0.03     | 0.04       | 27.09   | ppb   |
| Yttrium    | 89-1  |          |          |          | 113        |         | %     |
| Yttrium    | 89-2  |          |          |          | 107        |         | %     |
| Zinc       | 66-2  | 717.72   | 732.65   | 722.01   | 724.12     | 1.06    | ppb   |

|                         |                       |                   |                     |
|-------------------------|-----------------------|-------------------|---------------------|
| LB Number :             | LB97237               | Operator :        | Jaswal              |
| Lab Sample ID :         | J4354-11              | Instrumnet Name : | P8                  |
| Client Sample ID :      | 67-11-FL3-ADMIN-OFF-E | Dilution Factor : | 1                   |
| Date & Time Acquired :: | 2018-08-10 16:37:19   | DataFile Name :   | 079SMPL_P8081018-MS |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|-----------|------|---------|---------|---------|------------|---------|-------|
| Zirconium | 90-1 | 1.11    | 0.84    | 0.74    | 0.90       | 21.05   | ppb   |
| Zirconium | 91-1 | 1.10    | 0.85    | 0.69    | 0.88       | 23.57   | ppb   |

LB Number : LB97237 Operator : Jaswal  
 Lab Sample ID : J4354-12 Instrumnet Name : P8  
 Client Sample ID : 67-12-FL3-HALL-N-WC1 Dilution Factor : 1  
 Date & Time Acquired :: 2018-08-10 16:40:39 DataFile Name : 080SMPL\_P8081018-MS

| Parameter  | Mass  | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|------------|-------|---------|---------|---------|------------|---------|-------|
| Aluminium  | 27-2  | 14.98   | 16.03   | 23.07   | 18.03      | 24.41   | ppb   |
| Antimony   | 121-1 | 0.44    | 0.43    | 0.47    | 0.44       | 4.35    | ppb   |
| Arsenic    | 75-2  | 0.55    | 0.38    | 0.61    | 0.51       | 23.43   | ppb   |
| Barium     | 135-1 | 15.21   | 15.65   | 15.79   | 15.55      | 1.97    | ppb   |
| Barium     | 137-1 | 15.78   | 15.64   | 15.86   | 15.76      | 0.70    | ppb   |
| Beryllium  | 9-1   | 0.06    | 0.08    | 0.07    | 0.07       | 16.73   | ppb   |
| Bismuth    | 209-1 |         |         |         | 119        |         | %     |
| Bismuth    | 209-2 |         |         |         | 115        |         | %     |
| Boron      | 10-1  | 10.38   | 10.12   | 9.53    | 10.01      | 4.36    | ppb   |
| Boron      | 11-1  | 9.72    | 10.14   | 9.57    | 9.81       | 3.04    | ppb   |
| Cadmium    | 111-1 | 0.02    | 0.06    | 0.02    | 0.03       | 62.41   | ppb   |
| Cadmium    | 106-1 | -0.53   | 0.30    | -0.20   | -0.14      |         | ppb   |
| Cadmium    | 108-1 | 0.18    | 0.26    | 0.24    | 0.23       | 17.99   | ppb   |
| Calcium    | 43-1  | 6692.74 | 6707.57 | 6819.18 | 6739.83    | 1.03    | ppb   |
| Calcium    | 44-1  | 6977.53 | 6952.89 | 6925.07 | 6951.83    | 0.38    | ppb   |
| Chromium   | 52-2  | 0.66    | 0.66    | 0.53    | 0.62       | 11.60   | ppb   |
| Cobalt     | 59-2  | 0.00    | 0.01    | 0.01    | 0.01       | 55.55   | ppb   |
| Copper     | 63-2  | 13.05   | 13.05   | 13.31   | 13.14      | 1.16    | ppb   |
| Dysprosium | 156-1 |         |         |         |            |         | cps   |
| Dysprosium | 156-2 |         |         |         |            |         | cps   |
| Erbium     | 164-1 |         |         |         |            |         | cps   |
| Erbium     | 164-2 |         |         |         |            |         | cps   |
| Gadolinium | 160-1 |         |         |         |            |         | cps   |
| Gadolinium | 160-2 |         |         |         |            |         | cps   |
| Holmium    | 165-1 |         |         |         | 116        |         | %     |
| Holmium    | 165-2 |         |         |         | 113        |         | %     |
| Indium     | 115-1 |         |         |         | 115        |         | %     |
| Indium     | 115-2 |         |         |         | 106        |         | %     |
| Iron       | 56-2  | 14.10   | 13.85   | 13.39   | 13.78      | 2.60    | ppb   |
| Iron       | 57-2  | 14.07   | 13.64   | 20.79   | 16.17      | 24.78   | ppb   |
| Krypton    | 83-1  |         |         |         |            |         | cps   |
| Lead       | 206-1 | 0.16    | 0.20    | 0.21    | 0.19       | 12.73   | ppb   |
| Lead       | 207-1 | 0.17    | 0.17    | 0.17    | 0.17       | 2.17    | ppb   |
| Lead       | 208-1 | 0.17    | 0.17    | 0.18    | 0.17       | 4.15    | ppb   |
| Lithium    | 6-1   |         |         |         | 112        |         | %     |
| Magnesium  | 24-2  | 1724.56 | 1756.30 | 1681.96 | 1720.94    | 2.17    | ppb   |



|                         |                      |                   |                     |
|-------------------------|----------------------|-------------------|---------------------|
| LB Number :             | LB97237              | Operator :        | Jaswal              |
| Lab Sample ID :         | J4354-12             | Instrumnet Name : | P8                  |
| Client Sample ID :      | 67-12-FL3-HALL-N-WC1 | Dilution Factor : | 1                   |
| Date & Time Acquired :: | 2018-08-10 16:40:39  | DataFile Name :   | 080SMPL_P8081018-MS |

| Parameter  | Mass  | ConRep1  | ConRep2  | ConRep3  | Avg. Conc. | ConcRSD | Units |
|------------|-------|----------|----------|----------|------------|---------|-------|
| Manganese  | 55-2  | 9.95     | 9.21     | 9.41     | 9.52       | 4.05    | ppb   |
| Molybdenum | 94-1  | 0.49     | 0.47     | 0.37     | 0.44       | 14.03   | ppb   |
| Molybdenum | 95-1  | 0.13     | 0.12     | 0.10     | 0.11       | 14.68   | ppb   |
| Molybdenum | 96-1  | 0.12     | 0.18     | 0.15     | 0.15       | 22.61   | ppb   |
| Molybdenum | 97-1  | 0.15     | 0.17     | 0.14     | 0.15       | 9.61    | ppb   |
| Molybdenum | 98-1  | 0.12     | 0.10     | 0.15     | 0.12       | 19.39   | ppb   |
| Neodymium  | 150-1 |          |          |          |            |         | cps   |
| Neodymium  | 150-2 |          |          |          |            |         | cps   |
| Nickel     | 60-2  | 4.42     | 3.94     | 4.17     | 4.17       | 5.77    | ppb   |
| Phosphorus | 31-2  | 1543.21  | 1631.33  | 1261.18  | 1478.57    | 13.08   | ppb   |
| Potassium  | 39-2  | 711.13   | 703.76   | 717.98   | 710.96     | 1.00    | ppb   |
| Rhodium    | 103-1 |          |          |          | 112        |         | %     |
| Rhodium    | 103-2 |          |          |          | 110        |         | %     |
| Scandium   | 45-1  |          |          |          | 109        |         | %     |
| Scandium   | 45-2  |          |          |          | 100        |         | %     |
| Selenium   | 77-2  | 0.00     | 5.99     | 0.00     | 2.00       | 173.21  | ppb   |
| Selenium   | 78-2  | 0.00     | 0.00     | 0.00     | 0.00       | N/A     | ppb   |
| Selenium   | 82-1  | 0.16     | 0.37     | 0.55     | 0.36       | 53.22   | ppb   |
| Silicon    | 28-1  | 2263.47  | 2269.90  | 2309.28  | 2280.89    | 1.09    | ppb   |
| Silver     | 109-1 | 0.05     | 0.06     | 0.05     | 0.06       | 13.09   | ppb   |
| Silver     | 107-1 | 0.06     | 0.06     | 0.06     | 0.06       | 5.70    | ppb   |
| Sodium     | 23-2  | 12147.44 | 12061.12 | 11953.88 | 12054.15   | 0.80    | ppb   |
| Strontium  | 86-1  | 25.97    | 25.15    | 25.04    | 25.39      | 2.01    | ppb   |
| Strontium  | 88-1  | 26.39    | 26.27    | 26.02    | 26.22      | 0.72    | ppb   |
| Sulfur     | 34-1  | -718.47  | -856.97  | -876.91  | -817.45    |         | ppb   |
| Terbium    | 159-1 |          |          |          | 117        |         | %     |
| Terbium    | 159-2 |          |          |          | 113        |         | %     |
| Thallium   | 203-1 | 0.04     | 0.03     | 0.04     | 0.04       | 11.76   | ppb   |
| Thallium   | 205-1 | 0.04     | 0.04     | 0.05     | 0.04       | 13.72   | ppb   |
| Tin        | 118-1 | 0.42     | 0.43     | 0.40     | 0.42       | 4.84    | ppb   |
| Titanium   | 47-1  | 0.66     | 0.61     | 0.59     | 0.62       | 5.33    | ppb   |
| Uranium    | 238-1 | 0.00     | 0.00     | 0.00     | 0.00       | 79.69   | ppb   |
| Vanadium   | 51-2  | 0.07     | 0.09     | 0.15     | 0.10       | 39.64   | ppb   |
| Yttrium    | 89-1  |          |          |          | 113        |         | %     |
| Yttrium    | 89-2  |          |          |          | 104        |         | %     |
| Zinc       | 66-2  | 279.70   | 286.94   | 282.19   | 282.94     | 1.30    | ppb   |

|                         |                      |                   |                     |
|-------------------------|----------------------|-------------------|---------------------|
| LB Number :             | LB97237              | Operator :        | Jaswal              |
| Lab Sample ID :         | J4354-12             | Instrumnet Name : | P8                  |
| Client Sample ID :      | 67-12-FL3-HALL-N-WC1 | Dilution Factor : | 1                   |
| Date & Time Acquired :: | 2018-08-10 16:40:39  | DataFile Name :   | 080SMPL_P8081018-MS |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|-----------|------|---------|---------|---------|------------|---------|-------|
| Zirconium | 90-1 | 0.27    | 0.24    | 0.22    | 0.24       | 10.14   | ppb   |
| Zirconium | 91-1 | 0.26    | 0.22    | 0.24    | 0.24       | 9.83    | ppb   |

|                         |                       |                   |                     |
|-------------------------|-----------------------|-------------------|---------------------|
| LB Number :             | LB97237               | Operator :        | Jaswal              |
| Lab Sample ID :         | J4354-13              | Instrumnet Name : | P8                  |
| Client Sample ID :      | 67-13-FL3-HALL-S-FTN1 | Dilution Factor : | 1                   |
| Date & Time Acquired :: | 2018-08-10 16:43:59   | DataFile Name :   | 081SMPL_P8081018-MS |

| Parameter  | Mass  | ConRep1  | ConRep2  | ConRep3  | Avg. Conc. | ConcRSD | Units |
|------------|-------|----------|----------|----------|------------|---------|-------|
| Aluminium  | 27-2  | 11.63    | 13.94    | 11.53    | 12.37      | 11.01   | ppb   |
| Antimony   | 121-1 | 1.15     | 1.09     | 1.10     | 1.12       | 2.67    | ppb   |
| Arsenic    | 75-2  | 1.12     | 0.86     | 1.14     | 1.04       | 15.30   | ppb   |
| Barium     | 135-1 | 36.41    | 36.01    | 36.08    | 36.17      | 0.59    | ppb   |
| Barium     | 137-1 | 36.25    | 35.90    | 36.33    | 36.16      | 0.63    | ppb   |
| Beryllium  | 9-1   | 0.13     | 0.06     | 0.08     | 0.09       | 45.89   | ppb   |
| Bismuth    | 209-1 |          |          |          | 116        |         | %     |
| Bismuth    | 209-2 |          |          |          | 112        |         | %     |
| Boron      | 10-1  | 19.65    | 22.02    | 21.01    | 20.89      | 5.68    | ppb   |
| Boron      | 11-1  | 20.92    | 21.21    | 22.07    | 21.40      | 2.79    | ppb   |
| Cadmium    | 111-1 | 0.89     | 0.69     | 0.83     | 0.81       | 12.76   | ppb   |
| Cadmium    | 106-1 | 2.35     | 0.60     | 1.66     | 1.53       | 57.37   | ppb   |
| Cadmium    | 108-1 | 2.53     | 1.64     | 2.74     | 2.30       | 25.44   | ppb   |
| Calcium    | 43-1  | 10722.36 | 10557.12 | 10662.01 | 10647.16   | 0.79    | ppb   |
| Calcium    | 44-1  | 11034.26 | 10668.66 | 10786.16 | 10829.69   | 1.72    | ppb   |
| Chromium   | 52-2  | 0.11     | 0.14     | 0.05     | 0.10       | 43.71   | ppb   |
| Cobalt     | 59-2  | 0.65     | 0.68     | 0.68     | 0.67       | 2.80    | ppb   |
| Copper     | 63-2  | 2353.61  | 2295.21  | 2309.94  | 2319.59    | 1.31    | ppb   |
| Dysprosium | 156-1 |          |          |          |            |         | cps   |
| Dysprosium | 156-2 |          |          |          |            |         | cps   |
| Erbium     | 164-1 |          |          |          |            |         | cps   |
| Erbium     | 164-2 |          |          |          |            |         | cps   |
| Gadolinium | 160-1 |          |          |          |            |         | cps   |
| Gadolinium | 160-2 |          |          |          |            |         | cps   |
| Holmium    | 165-1 |          |          |          | 116        |         | %     |
| Holmium    | 165-2 |          |          |          | 113        |         | %     |
| Indium     | 115-1 |          |          |          | 112        |         | %     |
| Indium     | 115-2 |          |          |          | 104        |         | %     |
| Iron       | 56-2  | 55.72    | 54.84    | 53.85    | 54.80      | 1.70    | ppb   |
| Iron       | 57-2  | 64.67    | 46.74    | 53.82    | 55.07      | 16.40   | ppb   |
| Krypton    | 83-1  |          |          |          |            |         | cps   |
| Lead       | 206-1 | 20.23    | 19.95    | 19.93    | 20.04      | 0.84    | ppb   |
| Lead       | 207-1 | 18.72    | 18.68    | 18.59    | 18.66      | 0.35    | ppb   |
| Lead       | 208-1 | 19.33    | 19.24    | 19.26    | 19.28      | 0.25    | ppb   |
| Lithium    | 6-1   |          |          |          | 111        |         | %     |
| Magnesium  | 24-2  | 2386.50  | 2291.48  | 2363.89  | 2347.29    | 2.11    | ppb   |

|                         |                       |                   |                     |
|-------------------------|-----------------------|-------------------|---------------------|
| LB Number :             | LB97237               | Operator :        | Jaswal              |
| Lab Sample ID :         | J4354-13              | Instrumnet Name : | P8                  |
| Client Sample ID :      | 67-13-FL3-HALL-S-FTN1 | Dilution Factor : | 1                   |
| Date & Time Acquired :: | 2018-08-10 16:43:59   | DataFile Name :   | 081SMPL_P8081018-MS |

| Parameter  | Mass  | ConRep1  | ConRep2  | ConRep3  | Avg. Conc. | ConcRSD | Units |
|------------|-------|----------|----------|----------|------------|---------|-------|
| Manganese  | 55-2  | 454.18   | 450.73   | 449.23   | 451.38     | 0.56    | ppb   |
| Molybdenum | 94-1  | 0.36     | 0.30     | 0.36     | 0.34       | 9.91    | ppb   |
| Molybdenum | 95-1  | 0.13     | 0.13     | 0.15     | 0.14       | 8.32    | ppb   |
| Molybdenum | 96-1  | 0.17     | 0.19     | 0.17     | 0.18       | 4.81    | ppb   |
| Molybdenum | 97-1  | 0.16     | 0.12     | 0.15     | 0.14       | 15.19   | ppb   |
| Molybdenum | 98-1  | 0.14     | 0.18     | 0.16     | 0.16       | 13.78   | ppb   |
| Neodymium  | 150-1 |          |          |          |            |         | cps   |
| Neodymium  | 150-2 |          |          |          |            |         | cps   |
| Nickel     | 60-2  | 52.25    | 51.63    | 53.48    | 52.46      | 1.79    | ppb   |
| Phosphorus | 31-2  | 1472.39  | 1310.40  | 1320.77  | 1367.85    | 6.63    | ppb   |
| Potassium  | 39-2  | 963.77   | 959.68   | 948.62   | 957.36     | 0.82    | ppb   |
| Rhodium    | 103-1 |          |          |          | 111        |         | %     |
| Rhodium    | 103-2 |          |          |          | 108        |         | %     |
| Scandium   | 45-1  |          |          |          | 106        |         | %     |
| Scandium   | 45-2  |          |          |          | 97         |         | %     |
| Selenium   | 77-2  | 0.00     | 0.00     | 0.00     | 0.00       | N/A     | ppb   |
| Selenium   | 78-2  | 0.00     | 0.00     | 0.00     | 0.00       | N/A     | ppb   |
| Selenium   | 82-1  | 0.34     | -0.28    | 0.37     | 0.15       | 254.04  | ppb   |
| Silicon    | 28-1  | 5586.09  | 5469.93  | 5478.06  | 5511.36    | 1.18    | ppb   |
| Silver     | 109-1 | 0.13     | 0.14     | 0.14     | 0.14       | 4.69    | ppb   |
| Silver     | 107-1 | 0.13     | 0.12     | 0.12     | 0.12       | 3.91    | ppb   |
| Sodium     | 23-2  | 12151.69 | 11845.59 | 11928.17 | 11975.15   | 1.32    | ppb   |
| Strontium  | 86-1  | 38.78    | 38.96    | 38.86    | 38.87      | 0.23    | ppb   |
| Strontium  | 88-1  | 39.78    | 39.57    | 39.54    | 39.63      | 0.34    | ppb   |
| Sulfur     | 34-1  | 258.06   | -36.84   | 74.20    | 98.47      | 151.25  | ppb   |
| Terbium    | 159-1 |          |          |          | 115        |         | %     |
| Terbium    | 159-2 |          |          |          | 112        |         | %     |
| Thallium   | 203-1 | 0.04     | 0.04     | 0.04     | 0.04       | 4.93    | ppb   |
| Thallium   | 205-1 | 0.05     | 0.06     | 0.05     | 0.05       | 11.86   | ppb   |
| Tin        | 118-1 | 0.32     | 0.28     | 0.35     | 0.32       | 11.42   | ppb   |
| Titanium   | 47-1  | 0.69     | 0.83     | 0.83     | 0.78       | 10.40   | ppb   |
| Uranium    | 238-1 | 0.00     | 0.00     | 0.00     | 0.00       | 5.09    | ppb   |
| Vanadium   | 51-2  | 0.10     | 0.13     | 0.11     | 0.11       | 11.35   | ppb   |
| Yttrium    | 89-1  |          |          |          | 110        |         | %     |
| Yttrium    | 89-2  |          |          |          | 102        |         | %     |
| Zinc       | 66-2  | 7843.76  | 7674.73  | 7724.97  | 7747.82    | 1.12    | ppb   |

|                         |                       |                   |                     |
|-------------------------|-----------------------|-------------------|---------------------|
| LB Number :             | LB97237               | Operator :        | Jaswal              |
| Lab Sample ID :         | J4354-13              | Instrumnet Name : | P8                  |
| Client Sample ID :      | 67-13-FL3-HALL-S-FTN1 | Dilution Factor : | 1                   |
| Date & Time Acquired :: | 2018-08-10 16:43:59   | DataFile Name :   | 081SMPL_P8081018-MS |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|-----------|------|---------|---------|---------|------------|---------|-------|
| Zirconium | 90-1 | 0.16    | 0.14    | 0.17    | 0.16       | 10.66   | ppb   |
| Zirconium | 91-1 | 0.19    | 0.18    | 0.17    | 0.18       | 7.30    | ppb   |

LB Number : LB97237 Operator : Jaswal  
 Lab Sample ID : J4354-14 Instrumnet Name : P8  
 Client Sample ID : 67-14-FL3-HALL-S-FTN2 Dilution Factor : 1  
 Date & Time Acquired :: 2018-08-10 16:47:18 DataFile Name : 082SMPL\_P8081018-MS

| Parameter  | Mass  | ConRep1  | ConRep2  | ConRep3  | Avg. Conc. | ConcRSD | Units |
|------------|-------|----------|----------|----------|------------|---------|-------|
| Aluminium  | 27-2  | 21.36    | 17.69    | 20.74    | 19.93      | 9.86    | ppb   |
| Antimony   | 121-1 | 0.74     | 0.77     | 0.82     | 0.77       | 5.02    | ppb   |
| Arsenic    | 75-2  | 0.96     | 0.66     | 0.50     | 0.71       | 32.57   | ppb   |
| Barium     | 135-1 | 28.08    | 27.92    | 28.16    | 28.05      | 0.44    | ppb   |
| Barium     | 137-1 | 28.93    | 27.56    | 28.37    | 28.28      | 2.43    | ppb   |
| Beryllium  | 9-1   | 0.01     | 0.06     | 0.06     | 0.04       | 70.58   | ppb   |
| Bismuth    | 209-1 |          |          |          | 117        |         | %     |
| Bismuth    | 209-2 |          |          |          | 112        |         | %     |
| Boron      | 10-1  | 25.09    | 27.42    | 25.18    | 25.90      | 5.09    | ppb   |
| Boron      | 11-1  | 25.21    | 24.89    | 27.14    | 25.75      | 4.71    | ppb   |
| Cadmium    | 111-1 | 0.24     | 0.19     | 0.30     | 0.24       | 23.51   | ppb   |
| Cadmium    | 106-1 | 0.66     | -0.53    | 0.71     | 0.28       | 249.50  | ppb   |
| Cadmium    | 108-1 | 0.86     | 0.57     | 0.68     | 0.70       | 20.33   | ppb   |
| Calcium    | 43-1  | 10015.56 | 9727.11  | 10344.71 | 10029.13   | 3.08    | ppb   |
| Calcium    | 44-1  | 10145.75 | 10070.93 | 10604.52 | 10273.73   | 2.81    | ppb   |
| Chromium   | 52-2  | 0.35     | 0.32     | 0.37     | 0.35       | 6.54    | ppb   |
| Cobalt     | 59-2  | 0.32     | 0.34     | 0.35     | 0.33       | 4.83    | ppb   |
| Copper     | 63-2  | 520.68   | 518.83   | 528.92   | 522.81     | 1.03    | ppb   |
| Dysprosium | 156-1 |          |          |          |            |         | cps   |
| Dysprosium | 156-2 |          |          |          |            |         | cps   |
| Erbium     | 164-1 |          |          |          |            |         | cps   |
| Erbium     | 164-2 |          |          |          |            |         | cps   |
| Gadolinium | 160-1 |          |          |          |            |         | cps   |
| Gadolinium | 160-2 |          |          |          |            |         | cps   |
| Holmium    | 165-1 |          |          |          | 116        |         | %     |
| Holmium    | 165-2 |          |          |          | 111        |         | %     |
| Indium     | 115-1 |          |          |          | 113        |         | %     |
| Indium     | 115-2 |          |          |          | 104        |         | %     |
| Iron       | 56-2  | 32.44    | 33.35    | 33.71    | 33.17      | 1.99    | ppb   |
| Iron       | 57-2  | 29.90    | 30.26    | 29.43    | 29.86      | 1.39    | ppb   |
| Krypton    | 83-1  |          |          |          |            |         | cps   |
| Lead       | 206-1 | 4.73     | 4.72     | 4.88     | 4.78       | 1.95    | ppb   |
| Lead       | 207-1 | 4.38     | 4.39     | 4.44     | 4.40       | 0.77    | ppb   |
| Lead       | 208-1 | 4.54     | 4.49     | 4.61     | 4.55       | 1.35    | ppb   |
| Lithium    | 6-1   |          |          |          | 109        |         | %     |
| Magnesium  | 24-2  | 2262.03  | 2275.20  | 2286.76  | 2274.66    | 0.54    | ppb   |

LB Number : LB97237 Operator : Jaswal  
 Lab Sample ID : J4354-14 Instrumnet Name : P8  
 Client Sample ID : 67-14-FL3-HALL-S-FTN2 Dilution Factor : 1  
 Date & Time Acquired :: 2018-08-10 16:47:18 DataFile Name : 082SMPL\_P8081018-MS

| Parameter  | Mass  | ConRep1  | ConRep2  | ConRep3  | Avg. Conc. | ConcRSD | Units |
|------------|-------|----------|----------|----------|------------|---------|-------|
| Manganese  | 55-2  | 109.08   | 109.35   | 114.82   | 111.08     | 2.92    | ppb   |
| Molybdenum | 94-1  | 0.30     | 0.31     | 0.29     | 0.30       | 2.66    | ppb   |
| Molybdenum | 95-1  | 0.15     | 0.11     | 0.14     | 0.13       | 18.70   | ppb   |
| Molybdenum | 96-1  | 0.20     | 0.15     | 0.13     | 0.16       | 21.46   | ppb   |
| Molybdenum | 97-1  | 0.12     | 0.17     | 0.19     | 0.16       | 21.08   | ppb   |
| Molybdenum | 98-1  | 0.12     | 0.16     | 0.16     | 0.15       | 14.24   | ppb   |
| Neodymium  | 150-1 |          |          |          |            |         | cps   |
| Neodymium  | 150-2 |          |          |          |            |         | cps   |
| Nickel     | 60-2  | 38.87    | 40.09    | 40.29    | 39.75      | 1.94    | ppb   |
| Phosphorus | 31-2  | 1248.53  | 1298.44  | 1157.13  | 1234.70    | 5.80    | ppb   |
| Potassium  | 39-2  | 999.05   | 986.69   | 974.62   | 986.79     | 1.24    | ppb   |
| Rhodium    | 103-1 |          |          |          | 110        |         | %     |
| Rhodium    | 103-2 |          |          |          | 107        |         | %     |
| Scandium   | 45-1  |          |          |          | 105        |         | %     |
| Scandium   | 45-2  |          |          |          | 96         |         | %     |
| Selenium   | 77-2  | 0.00     | 0.00     | 0.00     | 0.00       | N/A     | ppb   |
| Selenium   | 78-2  | 0.98     | 1.96     | 0.98     | 1.30       | 43.26   | ppb   |
| Selenium   | 82-1  | -0.12    | -0.39    | 0.42     | -0.03      |         | ppb   |
| Silicon    | 28-1  | 4566.76  | 4522.17  | 4711.16  | 4600.03    | 2.15    | ppb   |
| Silver     | 109-1 | 0.06     | 0.05     | 0.07     | 0.06       | 14.80   | ppb   |
| Silver     | 107-1 | 0.08     | 0.08     | 0.07     | 0.07       | 6.97    | ppb   |
| Sodium     | 23-2  | 11375.03 | 11256.41 | 11374.82 | 11335.42   | 0.60    | ppb   |
| Strontium  | 86-1  | 36.71    | 36.41    | 37.42    | 36.85      | 1.40    | ppb   |
| Strontium  | 88-1  | 36.98    | 36.45    | 38.19    | 37.21      | 2.39    | ppb   |
| Sulfur     | 34-1  | -552.71  | -856.06  | -82.08   | -496.95    |         | ppb   |
| Terbium    | 159-1 |          |          |          | 116        |         | %     |
| Terbium    | 159-2 |          |          |          | 111        |         | %     |
| Thallium   | 203-1 | 0.03     | 0.02     | 0.02     | 0.02       | 15.70   | ppb   |
| Thallium   | 205-1 | 0.03     | 0.03     | 0.03     | 0.03       | 3.50    | ppb   |
| Tin        | 118-1 | 0.47     | 0.41     | 0.42     | 0.43       | 7.27    | ppb   |
| Titanium   | 47-1  | 0.80     | 0.82     | 0.69     | 0.77       | 9.01    | ppb   |
| Uranium    | 238-1 | 0.00     | 0.00     | 0.00     | 0.00       | 9.69    | ppb   |
| Vanadium   | 51-2  | 0.28     | 0.24     | 0.24     | 0.25       | 9.71    | ppb   |
| Yttrium    | 89-1  |          |          |          | 110        |         | %     |
| Yttrium    | 89-2  |          |          |          | 101        |         | %     |
| Zinc       | 66-2  | 1971.09  | 1979.49  | 2015.87  | 1988.82    | 1.20    | ppb   |

|                         |                       |                   |                     |
|-------------------------|-----------------------|-------------------|---------------------|
| LB Number :             | LB97237               | Operator :        | Jaswal              |
| Lab Sample ID :         | J4354-14              | Instrumnet Name : | P8                  |
| Client Sample ID :      | 67-14-FL3-HALL-S-FTN2 | Dilution Factor : | 1                   |
| Date & Time Acquired :: | 2018-08-10 16:47:18   | DataFile Name :   | 082SMPL_P8081018-MS |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|-----------|------|---------|---------|---------|------------|---------|-------|
| Zirconium | 90-1 | 0.14    | 0.11    | 0.12    | 0.13       | 10.15   | ppb   |
| Zirconium | 91-1 | 0.15    | 0.16    | 0.12    | 0.14       | 15.88   | ppb   |



LB Number : LB97237 Operator : Jaswal  
 Lab Sample ID : J4354-15 Instrumnet Name : P8  
 Client Sample ID : 67-15-FL3-HALL-S-WC2 Dilution Factor : 1  
 Date & Time Acquired :: 2018-08-10 16:50:38 DataFile Name : 083SMPL\_P8081018-MS

| Parameter  | Mass  | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|------------|-------|---------|---------|---------|------------|---------|-------|
| Aluminium  | 27-2  | 8.98    | 9.56    | 8.11    | 8.88       | 8.20    | ppb   |
| Antimony   | 121-1 | 0.28    | 0.30    | 0.31    | 0.30       | 4.77    | ppb   |
| Arsenic    | 75-2  | 0.61    | 0.90    | 0.46    | 0.66       | 34.02   | ppb   |
| Barium     | 135-1 | 20.74   | 20.23   | 20.78   | 20.58      | 1.50    | ppb   |
| Barium     | 137-1 | 21.05   | 20.33   | 20.25   | 20.54      | 2.14    | ppb   |
| Beryllium  | 9-1   | 0.05    | 0.05    | 0.12    | 0.07       | 50.86   | ppb   |
| Bismuth    | 209-1 |         |         |         | 117        |         | %     |
| Bismuth    | 209-2 |         |         |         | 113        |         | %     |
| Boron      | 10-1  | 10.05   | 9.49    | 8.75    | 9.43       | 6.94    | ppb   |
| Boron      | 11-1  | 8.93    | 8.78    | 9.26    | 8.99       | 2.73    | ppb   |
| Cadmium    | 111-1 | 0.03    | -0.03   | 0.00    | 0.00       |         | ppb   |
| Cadmium    | 106-1 | 0.07    | -0.84   | -0.47   | -0.41      |         | ppb   |
| Cadmium    | 108-1 | 0.13    | 0.13    | 0.04    | 0.10       | 49.54   | ppb   |
| Calcium    | 43-1  | 6335.00 | 6203.02 | 6467.20 | 6335.07    | 2.09    | ppb   |
| Calcium    | 44-1  | 6454.84 | 6249.42 | 6568.57 | 6424.28    | 2.52    | ppb   |
| Chromium   | 52-2  | 0.71    | 0.65    | 0.64    | 0.66       | 5.83    | ppb   |
| Cobalt     | 59-2  | 0.01    | 0.02    | 0.02    | 0.02       | 41.32   | ppb   |
| Copper     | 63-2  | 6.07    | 6.45    | 6.35    | 6.29       | 3.14    | 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 |         |         |         | 115        |         | %     |
| Holmium    | 165-2 |         |         |         | 112        |         | %     |
| Indium     | 115-1 |         |         |         | 114        |         | %     |
| Indium     | 115-2 |         |         |         | 105        |         | %     |
| Iron       | 56-2  | 5.36    | 5.78    | 5.41    | 5.52       | 4.20    | ppb   |
| Iron       | 57-2  | 6.01    | 3.36    | 4.98    | 4.78       | 27.91   | ppb   |
| Krypton    | 83-1  |         |         |         |            |         | cps   |
| Lead       | 206-1 | 0.03    | 0.02    | 0.04    | 0.03       | 21.39   | ppb   |
| Lead       | 207-1 | 0.02    | 0.04    | 0.03    | 0.03       | 31.82   | ppb   |
| Lead       | 208-1 | 0.03    | 0.03    | 0.03    | 0.03       | 6.55    | ppb   |
| Lithium    | 6-1   |         |         |         | 109        |         | %     |
| Magnesium  | 24-2  | 1420.65 | 1511.83 | 1533.54 | 1488.67    | 4.02    | ppb   |

LB Number : LB97237 Operator : Jaswal  
 Lab Sample ID : J4354-15 Instrumnet Name : P8  
 Client Sample ID : 67-15-FL3-HALL-S-WC2 Dilution Factor : 1  
 Date & Time Acquired :: 2018-08-10 16:50:38 DataFile Name : 083SMPL\_P8081018-MS

| Parameter  | Mass  | ConRep1 | ConRep2  | ConRep3  | Avg. Conc. | ConcRSD | Units |
|------------|-------|---------|----------|----------|------------|---------|-------|
| Manganese  | 55-2  | 85.52   | 91.15    | 88.98    | 88.55      | 3.21    | ppb   |
| Molybdenum | 94-1  | 0.21    | 0.18     | 0.20     | 0.20       | 7.94    | ppb   |
| Molybdenum | 95-1  | 0.03    | 0.04     | 0.05     | 0.04       | 29.15   | ppb   |
| Molybdenum | 96-1  | 0.06    | 0.05     | 0.09     | 0.07       | 29.13   | ppb   |
| Molybdenum | 97-1  | 0.04    | 0.05     | 0.03     | 0.04       | 18.40   | ppb   |
| Molybdenum | 98-1  | 0.06    | 0.06     | 0.05     | 0.05       | 8.66    | ppb   |
| Neodymium  | 150-1 |         |          |          |            |         | cps   |
| Neodymium  | 150-2 |         |          |          |            |         | cps   |
| Nickel     | 60-2  | 2.11    | 2.36     | 2.03     | 2.17       | 8.11    | ppb   |
| Phosphorus | 31-2  | 1603.58 | 1889.07  | 2413.79  | 1968.81    | 20.87   | ppb   |
| Potassium  | 39-2  | 583.96  | 611.75   | 614.54   | 603.42     | 2.80    | ppb   |
| Rhodium    | 103-1 |         |          |          | 111        |         | %     |
| Rhodium    | 103-2 |         |          |          | 108        |         | %     |
| Scandium   | 45-1  |         |          |          | 105        |         | %     |
| Scandium   | 45-2  |         |          |          | 98         |         | %     |
| Selenium   | 77-2  | 0.00    | 0.00     | 0.00     | 0.00       | N/A     | ppb   |
| Selenium   | 78-2  | 0.94    | 0.99     | 0.00     | 0.64       | 86.67   | ppb   |
| Selenium   | 82-1  | -0.41   | 0.36     | 0.02     | -0.01      |         | ppb   |
| Silicon    | 28-1  | 2216.18 | 2121.38  | 2261.47  | 2199.67    | 3.25    | ppb   |
| Silver     | 109-1 | 0.05    | 0.04     | 0.06     | 0.05       | 21.32   | ppb   |
| Silver     | 107-1 | 0.03    | 0.04     | 0.05     | 0.04       | 18.96   | ppb   |
| Sodium     | 23-2  | 9926.37 | 10435.37 | 10559.83 | 10307.19   | 3.26    | ppb   |
| Strontium  | 86-1  | 23.45   | 22.85    | 24.08    | 23.46      | 2.62    | ppb   |
| Strontium  | 88-1  | 23.86   | 23.10    | 23.83    | 23.60      | 1.83    | ppb   |
| Sulfur     | 34-1  | -927.40 | -1570.27 | -911.44  | -1136.37   |         | ppb   |
| Terbium    | 159-1 |         |          |          | 115        |         | %     |
| Terbium    | 159-2 |         |          |          | 111        |         | %     |
| Thallium   | 203-1 | 0.02    | 0.02     | 0.01     | 0.01       | 42.23   | ppb   |
| Thallium   | 205-1 | 0.02    | 0.02     | 0.02     | 0.02       | 3.96    | ppb   |
| Tin        | 118-1 | 0.03    | -0.02    | 0.05     | 0.02       | 178.52  | ppb   |
| Titanium   | 47-1  | 0.53    | 0.69     | 0.78     | 0.67       | 18.43   | ppb   |
| Uranium    | 238-1 | 0.00    | 0.00     | 0.00     | 0.00       | 199.65  | ppb   |
| Vanadium   | 51-2  | 0.01    | 0.08     | 0.03     | 0.04       | 80.01   | ppb   |
| Yttrium    | 89-1  |         |          |          | 110        |         | %     |
| Yttrium    | 89-2  |         |          |          | 102        |         | %     |
| Zinc       | 66-2  | 39.76   | 46.29    | 46.56    | 44.20      | 8.72    | ppb   |

|                         |                      |                   |                     |
|-------------------------|----------------------|-------------------|---------------------|
| LB Number :             | LB97237              | Operator :        | Jaswal              |
| Lab Sample ID :         | J4354-15             | Instrumnet Name : | P8                  |
| Client Sample ID :      | 67-15-FL3-HALL-S-WC2 | Dilution Factor : | 1                   |
| Date & Time Acquired :: | 2018-08-10 16:50:38  | DataFile Name :   | 083SMPL_P8081018-MS |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|-----------|------|---------|---------|---------|------------|---------|-------|
| Zirconium | 90-1 | 0.11    | 0.10    | 0.10    | 0.10       | 4.24    | ppb   |
| Zirconium | 91-1 | 0.10    | 0.14    | 0.11    | 0.12       | 19.77   | ppb   |

LB Number : LB97237 Operator : Jaswal  
 Lab Sample ID : J4354-16 Instrumnet Name : P8  
 Client Sample ID : 67-16-FL3-BOYS-BR-W4 Dilution Factor : 1  
 Date & Time Acquired :: 2018-08-10 16:53:58 DataFile Name : 084SMPL\_P8081018-MS

| Parameter  | Mass  | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|------------|-------|---------|---------|---------|------------|---------|-------|
| Aluminium  | 27-2  | 86.28   | 84.82   | 78.18   | 83.09      | 5.20    | ppb   |
| Antimony   | 121-1 | 0.87    | 0.91    | 0.91    | 0.90       | 2.56    | ppb   |
| Arsenic    | 75-2  | 0.23    | 0.36    | 0.13    | 0.24       | 47.33   | ppb   |
| Barium     | 135-1 | 18.21   | 18.27   | 18.48   | 18.32      | 0.77    | ppb   |
| Barium     | 137-1 | 17.92   | 18.39   | 18.18   | 18.16      | 1.28    | ppb   |
| Beryllium  | 9-1   | 0.01    | 0.01    | -0.01   | 0.01       | 193.25  | ppb   |
| Bismuth    | 209-1 |         |         |         | 118        |         | %     |
| Bismuth    | 209-2 |         |         |         | 112        |         | %     |
| Boron      | 10-1  | 7.43    | 9.45    | 9.43    | 8.77       | 13.26   | ppb   |
| Boron      | 11-1  | 7.74    | 8.16    | 7.95    | 7.95       | 2.64    | ppb   |
| Cadmium    | 111-1 | 0.04    | 0.12    | 0.03    | 0.06       | 76.74   | ppb   |
| Cadmium    | 106-1 | -0.48   | -0.24   | -1.34   | -0.69      |         | ppb   |
| Cadmium    | 108-1 | 0.67    | 0.35    | 0.38    | 0.47       | 37.83   | ppb   |
| Calcium    | 43-1  | 5001.53 | 5263.63 | 5343.78 | 5202.98    | 3.44    | ppb   |
| Calcium    | 44-1  | 5202.85 | 5437.05 | 5348.71 | 5329.53    | 2.22    | ppb   |
| Chromium   | 52-2  | 0.17    | 0.10    | -0.01   | 0.09       | 106.47  | ppb   |
| Cobalt     | 59-2  | 0.16    | 0.12    | 0.08    | 0.12       | 34.56   | ppb   |
| Copper     | 63-2  | 370.63  | 351.26  | 349.37  | 357.09     | 3.30    | ppb   |
| Dysprosium | 156-1 |         |         |         |            |         | cps   |
| Dysprosium | 156-2 |         |         |         |            |         | cps   |
| Erbium     | 164-1 |         |         |         |            |         | cps   |
| Erbium     | 164-2 |         |         |         |            |         | cps   |
| Gadolinium | 160-1 |         |         |         |            |         | cps   |
| Gadolinium | 160-2 |         |         |         |            |         | cps   |
| Holmium    | 165-1 |         |         |         | 118        |         | %     |
| Holmium    | 165-2 |         |         |         | 113        |         | %     |
| Indium     | 115-1 |         |         |         | 114        |         | %     |
| Indium     | 115-2 |         |         |         | 105        |         | %     |
| Iron       | 56-2  | 22.29   | 20.22   | 21.10   | 21.20      | 4.90    | ppb   |
| Iron       | 57-2  | 25.18   | 18.89   | 21.87   | 21.98      | 14.32   | ppb   |
| Krypton    | 83-1  |         |         |         |            |         | cps   |
| Lead       | 206-1 | 7.32    | 7.35    | 7.29    | 7.32       | 0.42    | ppb   |
| Lead       | 207-1 | 6.56    | 6.86    | 6.81    | 6.74       | 2.34    | ppb   |
| Lead       | 208-1 | 6.85    | 6.98    | 7.00    | 6.94       | 1.20    | ppb   |
| Lithium    | 6-1   |         |         |         | 109        |         | %     |
| Magnesium  | 24-2  | 1190.18 | 1133.34 | 1132.77 | 1152.09    | 2.86    | ppb   |

|                         |                      |                   |                     |
|-------------------------|----------------------|-------------------|---------------------|
| LB Number :             | LB97237              | Operator :        | Jaswal              |
| Lab Sample ID :         | J4354-16             | Instrumnet Name : | P8                  |
| Client Sample ID :      | 67-16-FL3-BOYS-BR-W4 | Dilution Factor : | 1                   |
| Date & Time Acquired :: | 2018-08-10 16:53:58  | DataFile Name :   | 084SMPL_P8081018-MS |

| Parameter  | Mass  | ConRep1  | ConRep2  | ConRep3  | Avg. Conc. | ConcRSD | Units |
|------------|-------|----------|----------|----------|------------|---------|-------|
| Manganese  | 55-2  | 11.73    | 11.38    | 11.16    | 11.43      | 2.50    | ppb   |
| Molybdenum | 94-1  | 0.19     | 0.20     | 0.13     | 0.17       | 24.48   | ppb   |
| Molybdenum | 95-1  | 0.01     | 0.06     | 0.04     | 0.04       | 67.04   | ppb   |
| Molybdenum | 96-1  | 0.05     | 0.07     | 0.07     | 0.06       | 14.45   | ppb   |
| Molybdenum | 97-1  | 0.05     | 0.06     | 0.04     | 0.05       | 14.20   | ppb   |
| Molybdenum | 98-1  | 0.04     | 0.03     | 0.05     | 0.04       | 26.52   | ppb   |
| Neodymium  | 150-1 |          |          |          |            |         | cps   |
| Neodymium  | 150-2 |          |          |          |            |         | cps   |
| Nickel     | 60-2  | 50.07    | 48.83    | 48.65    | 49.18      | 1.57    | ppb   |
| Phosphorus | 31-2  | 554.98   | 146.20   | 391.51   | 364.23     | 56.49   | ppb   |
| Potassium  | 39-2  | 616.11   | 525.31   | 551.02   | 564.15     | 8.30    | ppb   |
| Rhodium    | 103-1 |          |          |          | 113        |         | %     |
| Rhodium    | 103-2 |          |          |          | 108        |         | %     |
| Scandium   | 45-1  |          |          |          | 107        |         | %     |
| Scandium   | 45-2  |          |          |          | 98         |         | %     |
| Selenium   | 77-2  | 0.00     | 0.00     | 5.97     | 1.99       | 173.21  | ppb   |
| Selenium   | 78-2  | 1.99     | 0.00     | 0.00     | 0.66       | 173.21  | ppb   |
| Selenium   | 82-1  | 0.04     | -0.10    | 0.39     | 0.11       | 232.29  | ppb   |
| Silicon    | 28-1  | 927.83   | 945.84   | 945.32   | 939.66     | 1.09    | ppb   |
| Silver     | 109-1 | 0.09     | 0.07     | 0.08     | 0.08       | 11.10   | ppb   |
| Silver     | 107-1 | 0.07     | 0.09     | 0.09     | 0.08       | 10.80   | ppb   |
| Sodium     | 23-2  | 11291.82 | 10737.12 | 10717.73 | 10915.56   | 2.99    | ppb   |
| Strontium  | 86-1  | 17.98    | 18.59    | 18.06    | 18.21      | 1.80    | ppb   |
| Strontium  | 88-1  | 18.29    | 18.73    | 18.59    | 18.54      | 1.22    | ppb   |
| Sulfur     | 34-1  | -2144.68 | -1646.07 | -1676.56 | -1822.44   |         | ppb   |
| Terbium    | 159-1 |          |          |          | 118        |         | %     |
| Terbium    | 159-2 |          |          |          | 111        |         | %     |
| Thallium   | 203-1 | 0.02     | 0.03     | 0.03     | 0.02       | 27.71   | ppb   |
| Thallium   | 205-1 | 0.02     | 0.03     | 0.03     | 0.03       | 7.91    | ppb   |
| Tin        | 118-1 | 0.17     | 0.23     | 0.22     | 0.20       | 14.23   | ppb   |
| Titanium   | 47-1  | 0.23     | 0.26     | 0.28     | 0.26       | 10.10   | ppb   |
| Uranium    | 238-1 | 0.01     | 0.01     | 0.01     | 0.01       | 31.47   | ppb   |
| Vanadium   | 51-2  | 0.11     | 0.06     | 0.02     | 0.06       | 69.61   | ppb   |
| Yttrium    | 89-1  |          |          |          | 112        |         | %     |
| Yttrium    | 89-2  |          |          |          | 102        |         | %     |
| Zinc       | 66-2  | 1508.53  | 1419.65  | 1423.90  | 1450.69    | 3.46    | ppb   |

|                         |                      |                   |                     |
|-------------------------|----------------------|-------------------|---------------------|
| LB Number :             | LB97237              | Operator :        | Jaswal              |
| Lab Sample ID :         | J4354-16             | Instrumnet Name : | P8                  |
| Client Sample ID :      | 67-16-FL3-BOYS-BR-W4 | Dilution Factor : | 1                   |
| Date & Time Acquired :: | 2018-08-10 16:53:58  | DataFile Name :   | 084SMPL_P8081018-MS |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|-----------|------|---------|---------|---------|------------|---------|-------|
| Zirconium | 90-1 | 0.08    | 0.09    | 0.08    | 0.09       | 7.79    | ppb   |
| Zirconium | 91-1 | 0.13    | 0.12    | 0.08    | 0.11       | 20.68   | ppb   |

LB Number : LB97237 Operator : Jaswal  
 Lab Sample ID : J4354-17 Instrumnet Name : P8  
 Client Sample ID : 67-17-FL3-GIRLS-BR-W4 Dilution Factor : 1  
 Date & Time Acquired :: 2018-08-10 16:57:18 DataFile Name : 085SMPL\_P8081018-MS

| Parameter  | Mass  | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|------------|-------|---------|---------|---------|------------|---------|-------|
| Aluminium  | 27-2  | 233.81  | 257.01  | 251.78  | 247.54     | 4.92    | ppb   |
| Antimony   | 121-1 | 2.01    | 2.00    | 1.97    | 1.99       | 0.91    | ppb   |
| Arsenic    | 75-2  | 0.32    | 0.29    | 0.43    | 0.35       | 21.39   | ppb   |
| Barium     | 135-1 | 20.85   | 19.68   | 20.07   | 20.20      | 2.94    | ppb   |
| Barium     | 137-1 | 21.19   | 19.51   | 19.45   | 20.05      | 4.93    | ppb   |
| Beryllium  | 9-1   | 0.00    | 0.02    | 0.03    | 0.01       | 110.27  | ppb   |
| Bismuth    | 209-1 |         |         |         | 116        |         | %     |
| Bismuth    | 209-2 |         |         |         | 112        |         | %     |
| Boron      | 10-1  | 9.63    | 10.23   | 7.29    | 9.05       | 17.13   | ppb   |
| Boron      | 11-1  | 8.46    | 9.09    | 8.25    | 8.60       | 5.10    | ppb   |
| Cadmium    | 111-1 | 0.31    | 0.29    | 0.37    | 0.32       | 12.71   | ppb   |
| Cadmium    | 106-1 | 0.52    | -0.14   | -0.23   | 0.05       | 843.52  | ppb   |
| Cadmium    | 108-1 | 1.51    | 1.20    | 0.95    | 1.22       | 23.33   | ppb   |
| Calcium    | 43-1  | 5586.38 | 5434.10 | 5442.09 | 5487.52    | 1.56    | ppb   |
| Calcium    | 44-1  | 5810.17 | 5619.38 | 5553.89 | 5661.14    | 2.35    | ppb   |
| Chromium   | 52-2  | 0.16    | 0.23    | 0.12    | 0.17       | 33.37   | ppb   |
| Cobalt     | 59-2  | 0.37    | 0.34    | 0.29    | 0.33       | 11.80   | ppb   |
| Copper     | 63-2  | 538.23  | 535.25  | 541.02  | 538.16     | 0.54    | ppb   |
| Dysprosium | 156-1 |         |         |         |            |         | cps   |
| Dysprosium | 156-2 |         |         |         |            |         | cps   |
| Erbium     | 164-1 |         |         |         |            |         | cps   |
| Erbium     | 164-2 |         |         |         |            |         | cps   |
| Gadolinium | 160-1 |         |         |         |            |         | cps   |
| Gadolinium | 160-2 |         |         |         |            |         | cps   |
| Holmium    | 165-1 |         |         |         | 116        |         | %     |
| Holmium    | 165-2 |         |         |         | 112        |         | %     |
| Indium     | 115-1 |         |         |         | 112        |         | %     |
| Indium     | 115-2 |         |         |         | 105        |         | %     |
| Iron       | 56-2  | 56.45   | 54.14   | 55.60   | 55.40      | 2.11    | ppb   |
| Iron       | 57-2  | 66.01   | 63.68   | 46.75   | 58.81      | 17.87   | ppb   |
| Krypton    | 83-1  |         |         |         |            |         | cps   |
| Lead       | 206-1 | 5.94    | 5.59    | 5.55    | 5.69       | 3.73    | ppb   |
| Lead       | 207-1 | 5.41    | 5.17    | 5.08    | 5.22       | 3.26    | ppb   |
| Lead       | 208-1 | 5.66    | 5.38    | 5.33    | 5.46       | 3.21    | ppb   |
| Lithium    | 6-1   |         |         |         | 107        |         | %     |
| Magnesium  | 24-2  | 1206.09 | 1217.73 | 1191.43 | 1205.08    | 1.09    | ppb   |

|                         |                       |                   |                     |
|-------------------------|-----------------------|-------------------|---------------------|
| LB Number :             | LB97237               | Operator :        | Jaswal              |
| Lab Sample ID :         | J4354-17              | Instrumnet Name : | P8                  |
| Client Sample ID :      | 67-17-FL3-GIRLS-BR-W4 | Dilution Factor : | 1                   |
| Date & Time Acquired :: | 2018-08-10 16:57:18   | DataFile Name :   | 085SMPL_P8081018-MS |

| Parameter  | Mass  | ConRep1  | ConRep2  | ConRep3  | Avg. Conc. | ConcRSD | Units |
|------------|-------|----------|----------|----------|------------|---------|-------|
| Manganese  | 55-2  | 17.65    | 17.98    | 17.85    | 17.83      | 0.95    | ppb   |
| Molybdenum | 94-1  | 0.23     | 0.18     | 0.12     | 0.17       | 31.91   | ppb   |
| Molybdenum | 95-1  | 0.03     | 0.05     | 0.06     | 0.05       | 31.36   | ppb   |
| Molybdenum | 96-1  | 0.10     | 0.05     | 0.04     | 0.06       | 54.85   | ppb   |
| Molybdenum | 97-1  | 0.03     | 0.05     | 0.04     | 0.04       | 17.57   | ppb   |
| Molybdenum | 98-1  | 0.04     | 0.04     | 0.07     | 0.05       | 33.01   | ppb   |
| Neodymium  | 150-1 |          |          |          |            |         | cps   |
| Neodymium  | 150-2 |          |          |          |            |         | cps   |
| Nickel     | 60-2  | 28.81    | 29.19    | 30.05    | 29.35      | 2.15    | ppb   |
| Phosphorus | 31-2  | 283.52   | 394.44   | 203.52   | 293.83     | 32.63   | ppb   |
| Potassium  | 39-2  | 533.15   | 628.98   | 626.98   | 596.37     | 9.18    | ppb   |
| Rhodium    | 103-1 |          |          |          | 110        |         | %     |
| Rhodium    | 103-2 |          |          |          | 108        |         | %     |
| Scandium   | 45-1  |          |          |          | 106        |         | %     |
| Scandium   | 45-2  |          |          |          | 99         |         | %     |
| Selenium   | 77-2  | 0.00     | 0.00     | 0.00     | 0.00       | N/A     | ppb   |
| Selenium   | 78-2  | 1.94     | 1.94     | 0.98     | 1.62       | 34.43   | ppb   |
| Selenium   | 82-1  | 0.17     | -0.50    | 0.55     | 0.07       | 724.18  | ppb   |
| Silicon    | 28-1  | 1096.05  | 1052.62  | 1040.21  | 1062.96    | 2.76    | ppb   |
| Silver     | 109-1 | 0.11     | 0.09     | 0.09     | 0.10       | 8.68    | ppb   |
| Silver     | 107-1 | 0.10     | 0.08     | 0.10     | 0.10       | 11.13   | ppb   |
| Sodium     | 23-2  | 10680.33 | 10586.20 | 10739.28 | 10668.60   | 0.72    | ppb   |
| Strontium  | 86-1  | 20.45    | 19.14    | 19.51    | 19.70      | 3.41    | ppb   |
| Strontium  | 88-1  | 20.76    | 19.37    | 19.27    | 19.80      | 4.21    | ppb   |
| Sulfur     | 34-1  | -1132.61 | -1516.71 | -1685.26 | -1444.86   |         | ppb   |
| Terbium    | 159-1 |          |          |          | 115        |         | %     |
| Terbium    | 159-2 |          |          |          | 112        |         | %     |
| Thallium   | 203-1 | 0.03     | 0.03     | 0.03     | 0.03       | 4.26    | ppb   |
| Thallium   | 205-1 | 0.05     | 0.03     | 0.04     | 0.04       | 15.15   | ppb   |
| Tin        | 118-1 | 0.69     | 0.60     | 0.68     | 0.66       | 7.08    | ppb   |
| Titanium   | 47-1  | 0.61     | 0.59     | 0.60     | 0.60       | 1.51    | ppb   |
| Uranium    | 238-1 | 0.01     | 0.01     | 0.01     | 0.01       | 21.14   | ppb   |
| Vanadium   | 51-2  | 0.04     | 0.06     | 0.08     | 0.06       | 35.68   | ppb   |
| Yttrium    | 89-1  |          |          |          | 110        |         | %     |
| Yttrium    | 89-2  |          |          |          | 102        |         | %     |
| Zinc       | 66-2  | 3487.30  | 3452.28  | 3466.39  | 3468.66    | 0.51    | ppb   |



|                         |                       |                   |                     |
|-------------------------|-----------------------|-------------------|---------------------|
| LB Number :             | LB97237               | Operator :        | Jaswal              |
| Lab Sample ID :         | J4354-17              | Instrumnet Name : | P8                  |
| Client Sample ID :      | 67-17-FL3-GIRLS-BR-W4 | Dilution Factor : | 1                   |
| Date & Time Acquired :: | 2018-08-10 16:57:18   | DataFile Name :   | 085SMPL_P8081018-MS |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|-----------|------|---------|---------|---------|------------|---------|-------|
| Zirconium | 90-1 | 0.12    | 0.09    | 0.09    | 0.10       | 17.12   | ppb   |
| Zirconium | 91-1 | 0.12    | 0.12    | 0.09    | 0.11       | 12.11   | ppb   |

|                         |                       |                   |                     |
|-------------------------|-----------------------|-------------------|---------------------|
| LB Number :             | LB97237               | Operator :        | Jaswal              |
| Lab Sample ID :         | J4354-18              | Instrumnet Name : | P8                  |
| Client Sample ID :      | 67-18-FL3-GIRLS-BR-W4 | Dilution Factor : | 1                   |
| Date & Time Acquired :: | 2018-08-10 17:00:38   | DataFile Name :   | 086SMPL_P8081018-MS |

| Parameter  | Mass  | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|------------|-------|---------|---------|---------|------------|---------|-------|
| Aluminium  | 27-2  | 113.64  | 110.21  | 119.28  | 114.37     | 4.01    | ppb   |
| Antimony   | 121-1 | 1.34    | 1.39    | 1.32    | 1.35       | 2.69    | ppb   |
| Arsenic    | 75-2  | 0.12    | 0.07    | 0.14    | 0.11       | 32.54   | ppb   |
| Barium     | 135-1 | 19.96   | 20.65   | 20.77   | 20.46      | 2.14    | ppb   |
| Barium     | 137-1 | 19.77   | 20.64   | 20.38   | 20.26      | 2.21    | ppb   |
| Beryllium  | 9-1   | -0.01   | 0.03    | 0.00    | 0.01       | 328.94  | ppb   |
| Bismuth    | 209-1 |         |         |         | 115        |         | %     |
| Bismuth    | 209-2 |         |         |         | 108        |         | %     |
| Boron      | 10-1  | 7.83    | 9.28    | 8.59    | 8.56       | 8.50    | ppb   |
| Boron      | 11-1  | 7.65    | 8.43    | 8.09    | 8.06       | 4.86    | ppb   |
| Cadmium    | 111-1 | 0.13    | 0.09    | 0.21    | 0.14       | 44.20   | ppb   |
| Cadmium    | 106-1 | -0.69   | -1.21   | 0.45    | -0.48      |         | ppb   |
| Cadmium    | 108-1 | 0.86    | 0.63    | 0.79    | 0.76       | 15.74   | ppb   |
| Calcium    | 43-1  | 5412.54 | 5478.80 | 5434.24 | 5441.86    | 0.62    | ppb   |
| Calcium    | 44-1  | 5444.36 | 5663.87 | 5518.90 | 5542.38    | 2.01    | ppb   |
| Chromium   | 52-2  | 0.11    | 0.11    | 0.16    | 0.12       | 22.03   | ppb   |
| Cobalt     | 59-2  | 0.24    | 0.27    | 0.20    | 0.24       | 14.96   | ppb   |
| Copper     | 63-2  | 648.38  | 625.54  | 596.49  | 623.47     | 4.17    | 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 |         |         |         | 115        |         | %     |
| Holmium    | 165-2 |         |         |         | 108        |         | %     |
| Indium     | 115-1 |         |         |         | 113        |         | %     |
| Indium     | 115-2 |         |         |         | 102        |         | %     |
| Iron       | 56-2  | 31.66   | 29.09   | 26.88   | 29.21      | 8.19    | ppb   |
| Iron       | 57-2  | 23.60   | 36.11   | 27.90   | 29.20      | 21.76   | ppb   |
| Krypton    | 83-1  |         |         |         |            |         | cps   |
| Lead       | 206-1 | 3.28    | 3.44    | 3.40    | 3.37       | 2.38    | ppb   |
| Lead       | 207-1 | 3.12    | 3.35    | 3.11    | 3.19       | 4.29    | ppb   |
| Lead       | 208-1 | 3.19    | 3.29    | 3.24    | 3.24       | 1.52    | ppb   |
| Lithium    | 6-1   |         |         |         | 106        |         | %     |
| Magnesium  | 24-2  | 1275.61 | 1221.88 | 1189.50 | 1229.00    | 3.54    | ppb   |

|                         |                       |                   |                     |
|-------------------------|-----------------------|-------------------|---------------------|
| LB Number :             | LB97237               | Operator :        | Jaswal              |
| Lab Sample ID :         | J4354-18              | Instrumnet Name : | P8                  |
| Client Sample ID :      | 67-18-FL3-GIRLS-BR-W4 | Dilution Factor : | 1                   |
| Date & Time Acquired :: | 2018-08-10 17:00:38   | DataFile Name :   | 086SMPL_P8081018-MS |

| Parameter  | Mass  | ConRep1  | ConRep2  | ConRep3  | Avg. Conc. | ConcRSD | Units |
|------------|-------|----------|----------|----------|------------|---------|-------|
| Manganese  | 55-2  | 13.47    | 13.47    | 13.28    | 13.41      | 0.80    | ppb   |
| Molybdenum | 94-1  | 0.20     | 0.35     | 0.21     | 0.25       | 33.64   | ppb   |
| Molybdenum | 95-1  | 0.07     | 0.06     | 0.11     | 0.08       | 36.99   | ppb   |
| Molybdenum | 96-1  | 0.07     | 0.08     | 0.10     | 0.08       | 14.34   | ppb   |
| Molybdenum | 97-1  | 0.08     | 0.07     | 0.06     | 0.07       | 21.12   | ppb   |
| Molybdenum | 98-1  | 0.07     | 0.08     | 0.09     | 0.08       | 18.01   | ppb   |
| Neodymium  | 150-1 |          |          |          |            |         | cps   |
| Neodymium  | 150-2 |          |          |          |            |         | cps   |
| Nickel     | 60-2  | 17.87    | 17.15    | 15.57    | 16.86      | 6.99    | ppb   |
| Phosphorus | 31-2  | 420.80   | 181.64   | 227.61   | 276.68     | 45.87   | ppb   |
| Potassium  | 39-2  | 596.51   | 538.93   | 482.31   | 539.25     | 10.59   | ppb   |
| Rhodium    | 103-1 |          |          |          | 111        |         | %     |
| Rhodium    | 103-2 |          |          |          | 105        |         | %     |
| Scandium   | 45-1  |          |          |          | 106        |         | %     |
| Scandium   | 45-2  |          |          |          | 96         |         | %     |
| Selenium   | 77-2  | 0.00     | 0.00     | 0.00     | 0.00       | N/A     | ppb   |
| Selenium   | 78-2  | 1.04     | 0.98     | 0.00     | 0.67       | 86.69   | ppb   |
| Selenium   | 82-1  | 0.90     | 0.10     | 0.27     | 0.42       | 99.65   | ppb   |
| Silicon    | 28-1  | 1022.33  | 1052.97  | 1044.77  | 1040.02    | 1.52    | ppb   |
| Silver     | 109-1 | 0.06     | 0.07     | 0.08     | 0.07       | 14.74   | ppb   |
| Silver     | 107-1 | 0.07     | 0.06     | 0.08     | 0.07       | 14.65   | ppb   |
| Sodium     | 23-2  | 11439.68 | 11107.01 | 10561.17 | 11035.95   | 4.02    | ppb   |
| Strontium  | 86-1  | 19.06    | 19.86    | 18.91    | 19.28      | 2.66    | ppb   |
| Strontium  | 88-1  | 19.39    | 19.92    | 19.75    | 19.69      | 1.39    | ppb   |
| Sulfur     | 34-1  | -1589.19 | -1193.97 | -1275.88 | -1353.01   |         | ppb   |
| Terbium    | 159-1 |          |          |          | 114        |         | %     |
| Terbium    | 159-2 |          |          |          | 107        |         | %     |
| Thallium   | 203-1 | 0.03     | 0.03     | 0.02     | 0.03       | 19.99   | ppb   |
| Thallium   | 205-1 | 0.04     | 0.04     | 0.03     | 0.04       | 5.03    | ppb   |
| Tin        | 118-1 | 0.49     | 0.61     | 0.54     | 0.55       | 10.36   | ppb   |
| Titanium   | 47-1  | 0.21     | 0.20     | 0.18     | 0.20       | 8.84    | ppb   |
| Uranium    | 238-1 | 0.01     | 0.01     | 0.01     | 0.01       | 14.32   | ppb   |
| Vanadium   | 51-2  | 0.10     | 0.02     | 0.04     | 0.05       | 82.12   | ppb   |
| Yttrium    | 89-1  |          |          |          | 110        |         | %     |
| Yttrium    | 89-2  |          |          |          | 99         |         | %     |
| Zinc       | 66-2  | 2515.64  | 2452.83  | 2345.21  | 2437.89    | 3.54    | ppb   |

|                         |                       |                   |                     |
|-------------------------|-----------------------|-------------------|---------------------|
| LB Number :             | LB97237               | Operator :        | Jaswal              |
| Lab Sample ID :         | J4354-18              | Instrumnet Name : | P8                  |
| Client Sample ID :      | 67-18-FL3-GIRLS-BR-W4 | Dilution Factor : | 1                   |
| Date & Time Acquired :: | 2018-08-10 17:00:38   | DataFile Name :   | 086SMPL_P8081018-MS |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|-----------|------|---------|---------|---------|------------|---------|-------|
| Zirconium | 90-1 | 0.07    | 0.07    | 0.08    | 0.07       | 5.99    | ppb   |
| Zirconium | 91-1 | 0.06    | 0.07    | 0.08    | 0.07       | 12.13   | ppb   |

|                         |                     |                   |                     |
|-------------------------|---------------------|-------------------|---------------------|
| LB Number :             | LB97237             | Operator :        | Jaswal              |
| Lab Sample ID :         | PB111917BLRE        | Instrumnet Name : | P8                  |
| Client Sample ID :      | PB111917BLRE        | Dilution Factor : | 1                   |
| Date & Time Acquired :: | 2018-08-10 17:19:17 | DataFile Name :   | 087CCBE_P8081018-MS |

| Parameter  | Mass  | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|------------|-------|---------|---------|---------|------------|---------|-------|
| Aluminium  | 27-2  | 1.30    | 1.36    | 0.85    | 1.17       | 23.66   | ppb   |
| Antimony   | 121-1 | 0.11    | 0.10    | 0.10    | 0.10       | 8.68    | ppb   |
| Arsenic    | 75-2  | 0.00    | -0.02   | -0.05   | -0.02      |         | ppb   |
| Barium     | 135-1 | 0.00    | -0.01   | -0.02   | -0.01      |         | ppb   |
| Barium     | 137-1 | -0.01   | -0.01   | -0.02   | -0.02      |         | ppb   |
| Beryllium  | 9-1   | 0.00    | -0.03   | 0.05    | 0.01       | 437.77  | ppb   |
| Bismuth    | 209-1 |         |         |         | 108        |         | %     |
| Bismuth    | 209-2 |         |         |         | 107        |         | %     |
| Boron      | 10-1  | 1.29    | 1.26    | 1.78    | 1.44       | 20.28   | ppb   |
| Boron      | 11-1  | 1.97    | 1.94    | 1.83    | 1.91       | 3.86    | ppb   |
| Cadmium    | 111-1 | 0.03    | -0.10   | -0.03   | -0.03      |         | ppb   |
| Cadmium    | 106-1 | 0.38    | -1.32   | -0.42   | -0.45      |         | ppb   |
| Cadmium    | 108-1 | 0.08    | 0.02    | 0.02    | 0.04       | 93.88   | ppb   |
| Calcium    | 43-1  | -0.86   | -2.36   | 2.57    | -0.22      |         | ppb   |
| Calcium    | 44-1  | -6.79   | -8.24   | -7.00   | -7.34      |         | ppb   |
| Chromium   | 52-2  | -0.06   | -0.01   | 0.00    | -0.03      |         | ppb   |
| Cobalt     | 59-2  | -0.02   | -0.02   | -0.03   | -0.02      |         | ppb   |
| Copper     | 63-2  | -0.54   | -0.61   | -0.53   | -0.56      |         | ppb   |
| Dysprosium | 156-1 |         |         |         |            |         | cps   |
| Dysprosium | 156-2 |         |         |         |            |         | cps   |
| Erbium     | 164-1 |         |         |         |            |         | cps   |
| Erbium     | 164-2 |         |         |         |            |         | cps   |
| Gadolinium | 160-1 |         |         |         |            |         | cps   |
| Gadolinium | 160-2 |         |         |         |            |         | cps   |
| Holmium    | 165-1 |         |         |         | 108        |         | %     |
| Holmium    | 165-2 |         |         |         | 108        |         | %     |
| Indium     | 115-1 |         |         |         | 107        |         | %     |
| Indium     | 115-2 |         |         |         | 103        |         | %     |
| Iron       | 56-2  | 0.25    | -0.18   | 0.17    | 0.08       | 285.94  | ppb   |
| Iron       | 57-2  | 0.66    | 0.72    | -0.31   | 0.36       | 161.13  | ppb   |
| Krypton    | 83-1  |         |         |         |            |         | cps   |
| Lead       | 206-1 | 0.00    | 0.01    | 0.02    | 0.01       | 75.37   | ppb   |
| Lead       | 207-1 | -0.01   | 0.01    | 0.01    | 0.00       | 207.75  | ppb   |
| Lead       | 208-1 | 0.00    | 0.00    | 0.01    | 0.00       | 113.76  | ppb   |
| Lithium    | 6-1   |         |         |         | 102        |         | %     |
| Magnesium  | 24-2  | 2.31    | 3.87    | 3.16    | 3.11       | 25.11   | ppb   |

|                         |                     |                   |                     |
|-------------------------|---------------------|-------------------|---------------------|
| LB Number :             | LB97237             | Operator :        | Jaswal              |
| Lab Sample ID :         | PB111917BLRE        | Instrumnet Name : | P8                  |
| Client Sample ID :      | PB111917BLRE        | Dilution Factor : | 1                   |
| Date & Time Acquired :: | 2018-08-10 17:19:17 | DataFile Name :   | 087CCBE_P8081018-MS |

| Parameter  | Mass  | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|------------|-------|---------|---------|---------|------------|---------|-------|
| Manganese  | 55-2  | -0.36   | -0.34   | -0.36   | -0.36      |         | ppb   |
| Molybdenum | 94-1  | 0.00    | -0.06   | -0.02   | -0.03      |         | ppb   |
| Molybdenum | 95-1  | -0.01   | -0.02   | -0.01   | -0.01      |         | ppb   |
| Molybdenum | 96-1  | 0.00    | -0.02   | -0.01   | -0.01      |         | ppb   |
| Molybdenum | 97-1  | -0.02   | -0.01   | -0.01   | -0.01      |         | ppb   |
| Molybdenum | 98-1  | 0.00    | -0.01   | -0.01   | -0.01      |         | ppb   |
| Neodymium  | 150-1 |         |         |         |            |         | cps   |
| Neodymium  | 150-2 |         |         |         |            |         | cps   |
| Nickel     | 60-2  | -0.09   | -0.06   | -0.03   | -0.06      |         | ppb   |
| Phosphorus | 31-2  | -17.95  | -17.95  | 37.02   | 0.38       | 8405.95 | ppb   |
| Potassium  | 39-2  | -2.13   | -18.13  | 4.38    | -5.29      |         | ppb   |
| Rhodium    | 103-1 |         |         |         | 106        |         | %     |
| Rhodium    | 103-2 |         |         |         | 105        |         | %     |
| Scandium   | 45-1  |         |         |         | 103        |         | %     |
| Scandium   | 45-2  |         |         |         | 99         |         | %     |
| Selenium   | 77-2  | 0.00    | 0.00    | 0.00    | 0.00       | N/A     | ppb   |
| Selenium   | 78-2  | 0.97    | 0.98    | 0.00    | 0.65       | 86.60   | ppb   |
| Selenium   | 82-1  | 0.66    | 0.10    | 0.03    | 0.26       | 130.25  | ppb   |
| Silicon    | 28-1  | -8.46   | -6.98   | -5.09   | -6.84      |         | ppb   |
| Silver     | 109-1 | 0.01    | 0.02    | 0.02    | 0.02       | 28.45   | ppb   |
| Silver     | 107-1 | 0.02    | 0.01    | 0.03    | 0.02       | 48.46   | ppb   |
| Sodium     | 23-2  | -25.90  | -27.95  | -25.63  | -26.49     |         | ppb   |
| Strontium  | 86-1  | -0.01   | -0.02   | -0.04   | -0.02      |         | ppb   |
| Strontium  | 88-1  | 0.00    | 0.00    | 0.00    | 0.00       | 63.97   | ppb   |
| Sulfur     | 34-1  | -918.96 | -824.81 | -553.10 | -765.62    |         | ppb   |
| Terbium    | 159-1 |         |         |         | 108        |         | %     |
| Terbium    | 159-2 |         |         |         | 107        |         | %     |
| Thallium   | 203-1 | 0.03    | 0.04    | 0.05    | 0.04       | 14.74   | ppb   |
| Thallium   | 205-1 | 0.04    | 0.04    | 0.04    | 0.04       | 2.49    | ppb   |
| Tin        | 118-1 | -0.03   | 0.03    | -0.01   | -0.01      |         | ppb   |
| Titanium   | 47-1  | 0.04    | 0.05    | 0.07    | 0.05       | 25.60   | ppb   |
| Uranium    | 238-1 | 0.00    | 0.00    | 0.00    | 0.00       |         | ppb   |
| Vanadium   | 51-2  | 0.00    | -0.01   | 0.02    | 0.00       | 587.27  | ppb   |
| Yttrium    | 89-1  |         |         |         | 106        |         | %     |
| Yttrium    | 89-2  |         |         |         | 101        |         | %     |
| Zinc       | 66-2  | 0.29    | -0.08   | 0.07    | 0.10       | 192.99  | ppb   |

|                         |                     |                   |                     |
|-------------------------|---------------------|-------------------|---------------------|
| LB Number :             | LB97237             | Operator :        | Jaswal              |
| Lab Sample ID :         | PB111917BLRE        | Instrumnet Name : | P8                  |
| Client Sample ID :      | PB111917BLRE        | Dilution Factor : | 1                   |
| Date & Time Acquired :: | 2018-08-10 17:19:17 | DataFile Name :   | 087CCBE_P8081018-MS |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|-----------|------|---------|---------|---------|------------|---------|-------|
| Zirconium | 90-1 | -0.01   | -0.02   | -0.01   | -0.01      |         | ppb   |
| Zirconium | 91-1 | 0.02    | 0.00    | 0.00    | 0.00       | 186.64  | ppb   |

|                         |                     |                   |                     |
|-------------------------|---------------------|-------------------|---------------------|
| LB Number :             | LB97237             | Operator :        | Jaswal              |
| Lab Sample ID :         | PB111917BSRE        | Instrumnet Name : | P8                  |
| Client Sample ID :      | PB111917BSRE        | Dilution Factor : | 1                   |
| Date & Time Acquired :: | 2018-08-10 17:22:38 | DataFile Name :   | 088LCS6_P8081018-MS |

| Parameter  | Mass  | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|------------|-------|---------|---------|---------|------------|---------|-------|
| Aluminium  | 27-2  | 34.94   | 37.67   | 36.26   | 36.29      | 3.77    | ppb   |
| Antimony   | 121-1 | 3.89    | 3.65    | 3.96    | 3.84       | 4.23    | ppb   |
| Arsenic    | 75-2  | 2.06    | 1.83    | 1.61    | 1.83       | 12.18   | ppb   |
| Barium     | 135-1 | 18.98   | 18.31   | 19.04   | 18.78      | 2.16    | ppb   |
| Barium     | 137-1 | 18.96   | 18.49   | 19.53   | 19.00      | 2.74    | ppb   |
| Beryllium  | 9-1   | 1.99    | 2.08    | 2.13    | 2.06       | 3.33    | ppb   |
| Bismuth    | 209-1 |         |         |         | 105        |         | %     |
| Bismuth    | 209-2 |         |         |         | 109        |         | %     |
| Boron      | 10-1  | 42.06   | 45.71   | 47.47   | 45.08      | 6.12    | ppb   |
| Boron      | 11-1  | 44.03   | 43.46   | 47.08   | 44.86      | 4.34    | ppb   |
| Cadmium    | 111-1 | 1.76    | 1.89    | 1.84    | 1.83       | 3.76    | ppb   |
| Cadmium    | 106-1 | 1.13    | 2.03    | 0.79    | 1.32       | 48.89   | ppb   |
| Cadmium    | 108-1 | 1.98    | 2.08    | 1.88    | 1.98       | 5.07    | ppb   |
| Calcium    | 43-1  | 874.93  | 928.55  | 941.54  | 915.00     | 3.86    | ppb   |
| Calcium    | 44-1  | 889.23  | 896.29  | 919.78  | 901.77     | 1.77    | ppb   |
| Chromium   | 52-2  | 4.01    | 4.05    | 4.19    | 4.08       | 2.26    | ppb   |
| Cobalt     | 59-2  | 1.89    | 2.02    | 1.89    | 1.93       | 3.75    | ppb   |
| Copper     | 63-2  | 3.35    | 3.83    | 3.45    | 3.54       | 7.24    | ppb   |
| Dysprosium | 156-1 |         |         |         |            |         | cps   |
| Dysprosium | 156-2 |         |         |         |            |         | cps   |
| Erbium     | 164-1 |         |         |         |            |         | cps   |
| Erbium     | 164-2 |         |         |         |            |         | cps   |
| Gadolinium | 160-1 |         |         |         |            |         | cps   |
| Gadolinium | 160-2 |         |         |         |            |         | cps   |
| Holmium    | 165-1 |         |         |         | 105        |         | %     |
| Holmium    | 165-2 |         |         |         | 110        |         | %     |
| Indium     | 115-1 |         |         |         | 105        |         | %     |
| Indium     | 115-2 |         |         |         | 105        |         | %     |
| Iron       | 56-2  | 491.93  | 512.87  | 511.36  | 505.38     | 2.31    | ppb   |
| Iron       | 57-2  | 490.12  | 477.56  | 510.55  | 492.75     | 3.38    | ppb   |
| Krypton    | 83-1  |         |         |         |            |         | cps   |
| Lead       | 206-1 | 1.93    | 1.92    | 1.96    | 1.93       | 1.17    | ppb   |
| Lead       | 207-1 | 1.85    | 1.91    | 1.91    | 1.89       | 2.03    | ppb   |
| Lead       | 208-1 | 1.87    | 1.87    | 1.95    | 1.90       | 2.51    | ppb   |
| Lithium    | 6-1   |         |         |         | 100        |         | %     |
| Magnesium  | 24-2  | 934.20  | 971.73  | 999.15  | 968.36     | 3.37    | ppb   |



|                         |                     |                   |                     |
|-------------------------|---------------------|-------------------|---------------------|
| LB Number :             | LB97237             | Operator :        | Jaswal              |
| Lab Sample ID :         | PB111917BSRE        | Instrumnet Name : | P8                  |
| Client Sample ID :      | PB111917BSRE        | Dilution Factor : | 1                   |
| Date & Time Acquired :: | 2018-08-10 17:22:38 | DataFile Name :   | 088LCS6_P8081018-MS |

| Parameter  | Mass  | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|------------|-------|---------|---------|---------|------------|---------|-------|
| Manganese  | 55-2  | 1.48    | 2.03    | 2.27    | 1.93       | 21.07   | ppb   |
| Molybdenum | 94-1  | 9.30    | 8.88    | 9.38    | 9.19       | 2.90    | ppb   |
| Molybdenum | 95-1  | 9.24    | 9.46    | 9.73    | 9.47       | 2.60    | ppb   |
| Molybdenum | 96-1  | 9.29    | 9.21    | 9.58    | 9.36       | 2.08    | ppb   |
| Molybdenum | 97-1  | 9.88    | 9.22    | 9.81    | 9.64       | 3.81    | ppb   |
| Molybdenum | 98-1  | 9.45    | 9.13    | 9.62    | 9.40       | 2.68    | ppb   |
| Neodymium  | 150-1 |         |         |         |            |         | cps   |
| Neodymium  | 150-2 |         |         |         |            |         | cps   |
| Nickel     | 60-2  | 1.83    | 1.76    | 2.11    | 1.90       | 9.82    | ppb   |
| Phosphorus | 31-2  | -17.95  | -17.95  | 36.98   | 0.36       | 8725.71 | ppb   |
| Potassium  | 39-2  | 841.26  | 974.87  | 926.40  | 914.18     | 7.40    | ppb   |
| Rhodium    | 103-1 |         |         |         | 104        |         | %     |
| Rhodium    | 103-2 |         |         |         | 107        |         | %     |
| Scandium   | 45-1  |         |         |         | 101        |         | %     |
| Scandium   | 45-2  |         |         |         | 101        |         | %     |
| Selenium   | 77-2  | 5.95    | 0.00    | 6.01    | 3.99       | 86.61   | ppb   |
| Selenium   | 78-2  | 4.74    | 7.74    | 9.60    | 7.36       | 33.27   | ppb   |
| Selenium   | 82-1  | 9.72    | 10.28   | 9.90    | 9.97       | 2.87    | ppb   |
| Silicon    | 28-1  | 26.99   | 28.35   | 32.26   | 29.20      | 9.38    | ppb   |
| Silver     | 109-1 | 1.98    | 2.03    | 2.02    | 2.01       | 1.25    | ppb   |
| Silver     | 107-1 | 2.10    | 1.91    | 2.00    | 2.00       | 4.59    | ppb   |
| Sodium     | 23-2  | 902.33  | 930.34  | 956.59  | 929.76     | 2.92    | ppb   |
| Strontium  | 86-1  | 1.77    | 1.75    | 1.90    | 1.81       | 4.47    | ppb   |
| Strontium  | 88-1  | 1.90    | 1.88    | 2.01    | 1.93       | 3.58    | ppb   |
| Sulfur     | 34-1  | -559.67 | -414.26 | -163.03 | -378.99    |         | ppb   |
| Terbium    | 159-1 |         |         |         | 105        |         | %     |
| Terbium    | 159-2 |         |         |         | 109        |         | %     |
| Thallium   | 203-1 | 1.94    | 1.84    | 1.96    | 1.91       | 3.49    | ppb   |
| Thallium   | 205-1 | 1.88    | 1.91    | 1.95    | 1.91       | 1.61    | ppb   |
| Tin        | 118-1 | 11.29   | 9.38    | 9.71    | 10.13      | 10.10   | ppb   |
| Titanium   | 47-1  | 9.34    | 9.26    | 9.42    | 9.34       | 0.85    | ppb   |
| Uranium    | 238-1 | 1.76    | 1.82    | 1.84    | 1.81       | 2.31    | ppb   |
| Vanadium   | 51-2  | 8.89    | 9.17    | 9.20    | 9.08       | 1.89    | ppb   |
| Yttrium    | 89-1  |         |         |         | 103        |         | %     |
| Yttrium    | 89-2  |         |         |         | 103        |         | %     |
| Zinc       | 66-2  | 3.74    | 3.94    | 4.73    | 4.13       | 12.63   | ppb   |

|                         |                     |                   |                     |
|-------------------------|---------------------|-------------------|---------------------|
| LB Number :             | LB97237             | Operator :        | Jaswal              |
| Lab Sample ID :         | PB111917BSRE        | Instrumnet Name : | P8                  |
| Client Sample ID :      | PB111917BSRE        | Dilution Factor : | 1                   |
| Date & Time Acquired :: | 2018-08-10 17:22:38 | DataFile Name :   | 088LCS6_P8081018-MS |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|-----------|------|---------|---------|---------|------------|---------|-------|
| Zirconium | 90-1 | 1.73    | 1.78    | 1.92    | 1.81       | 5.43    | ppb   |
| Zirconium | 91-1 | 1.84    | 1.78    | 1.84    | 1.82       | 1.96    | ppb   |

|                         |                     |                   |                      |
|-------------------------|---------------------|-------------------|----------------------|
| LB Number :             | LB97237             | Operator :        | Jaswal               |
| Lab Sample ID :         | CCV96               | Instrumnet Name : | P8                   |
| Client Sample ID :      | CCV96               | Dilution Factor : | 1                    |
| Date & Time Acquired :: | 2018-08-10 17:25:58 | DataFile Name :   | 089CCV_P8081018-MS.I |

| Parameter  | Mass  | ConRep1   | ConRep2   | ConRep3   | Avg. Conc. | ConcRSD | Units |
|------------|-------|-----------|-----------|-----------|------------|---------|-------|
| Aluminium  | 27-2  | 52869.54  | 52152.23  | 53435.14  | 52818.97   | 1.22    | ppb   |
| Antimony   | 121-1 | 498.89    | 493.95    | 538.43    | 510.42     | 4.78    | ppb   |
| Arsenic    | 75-2  | 493.34    | 486.51    | 490.29    | 490.05     | 0.70    | ppb   |
| Barium     | 135-1 | 2524.75   | 2499.16   | 2699.06   | 2574.32    | 4.23    | ppb   |
| Barium     | 137-1 | 2471.02   | 2501.24   | 2680.73   | 2551.00    | 4.44    | ppb   |
| Beryllium  | 9-1   | 510.52    | 484.81    | 536.02    | 510.45     | 5.02    | ppb   |
| Bismuth    | 209-1 |           |           |           | 100        |         | %     |
| Bismuth    | 209-2 |           |           |           | 102        |         | %     |
| Boron      | 10-1  | 488.15    | 488.69    | 525.20    | 500.68     | 4.24    | ppb   |
| Boron      | 11-1  | 496.15    | 479.64    | 538.01    | 504.60     | 5.96    | ppb   |
| Cadmium    | 111-1 | 474.45    | 474.64    | 514.79    | 487.96     | 4.76    | ppb   |
| Cadmium    | 106-1 | 481.90    | 475.31    | 517.94    | 491.72     | 4.67    | ppb   |
| Cadmium    | 108-1 | 481.92    | 482.79    | 524.81    | 496.51     | 4.94    | ppb   |
| Calcium    | 43-1  | 238492.52 | 241518.77 | 261198.95 | 247070.08  | 4.99    | ppb   |
| Calcium    | 44-1  | 238943.04 | 234816.33 | 256259.17 | 243339.51  | 4.68    | ppb   |
| Chromium   | 52-2  | 511.20    | 509.16    | 518.86    | 513.07     | 1.00    | ppb   |
| Cobalt     | 59-2  | 492.25    | 485.05    | 498.12    | 491.81     | 1.33    | ppb   |
| Copper     | 63-2  | 957.11    | 952.46    | 980.31    | 963.29     | 1.55    | ppb   |
| Dysprosium | 156-1 |           |           |           |            |         | cps   |
| Dysprosium | 156-2 |           |           |           |            |         | cps   |
| Erbium     | 164-1 |           |           |           |            |         | cps   |
| Erbium     | 164-2 |           |           |           |            |         | cps   |
| Gadolinium | 160-1 |           |           |           |            |         | cps   |
| Gadolinium | 160-2 |           |           |           |            |         | cps   |
| Holmium    | 165-1 |           |           |           | 106        |         | %     |
| Holmium    | 165-2 |           |           |           | 110        |         | %     |
| Indium     | 115-1 |           |           |           | 100        |         | %     |
| Indium     | 115-2 |           |           |           | 101        |         | %     |
| Iron       | 56-2  | 131445.12 | 130405.06 | 133631.01 | 131827.06  | 1.25    | ppb   |
| Iron       | 57-2  | 131599.08 | 130460.88 | 134162.45 | 132074.14  | 1.44    | ppb   |
| Krypton    | 83-1  |           |           |           |            |         | cps   |
| Lead       | 206-1 | 514.44    | 505.55    | 557.49    | 525.83     | 5.28    | ppb   |
| Lead       | 207-1 | 528.62    | 502.73    | 555.05    | 528.80     | 4.95    | ppb   |
| Lead       | 208-1 | 515.00    | 503.19    | 552.19    | 523.46     | 4.89    | ppb   |
| Lithium    | 6-1   |           |           |           | 101        |         | %     |
| Magnesium  | 24-2  | 254250.70 | 250681.91 | 257468.80 | 254133.80  | 1.34    | ppb   |

|                         |                     |                   |                      |
|-------------------------|---------------------|-------------------|----------------------|
| LB Number :             | LB97237             | Operator :        | Jaswal               |
| Lab Sample ID :         | CCV96               | Instrumnet Name : | P8                   |
| Client Sample ID :      | CCV96               | Dilution Factor : | 1                    |
| Date & Time Acquired :: | 2018-08-10 17:25:58 | DataFile Name :   | 089CCV_P8081018-MS.I |

| Parameter  | Mass  | ConRep1   | ConRep2   | ConRep3   | Avg. Conc. | ConcRSD | Units |
|------------|-------|-----------|-----------|-----------|------------|---------|-------|
| Manganese  | 55-2  | 991.88    | 979.85    | 1007.94   | 993.22     | 1.42    | ppb   |
| Molybdenum | 94-1  | 2531.14   | 2509.43   | 2735.78   | 2592.12    | 4.82    | ppb   |
| Molybdenum | 95-1  | 2486.75   | 2491.05   | 2737.98   | 2571.93    | 5.59    | ppb   |
| Molybdenum | 96-1  | 2536.06   | 2525.93   | 2731.66   | 2597.89    | 4.46    | ppb   |
| Molybdenum | 97-1  | 2524.98   | 2506.37   | 2731.79   | 2587.71    | 4.84    | ppb   |
| Molybdenum | 98-1  | 2508.70   | 2495.24   | 2717.04   | 2573.66    | 4.83    | ppb   |
| Neodymium  | 150-1 |           |           |           |            |         | cps   |
| Neodymium  | 150-2 |           |           |           |            |         | cps   |
| Nickel     | 60-2  | 499.08    | 498.24    | 509.31    | 502.21     | 1.23    | ppb   |
| Phosphorus | 31-2  | 9717.73   | 10097.64  | 10082.47  | 9965.95    | 2.16    | ppb   |
| Potassium  | 39-2  | 124138.53 | 125793.82 | 127198.21 | 125710.19  | 1.22    | ppb   |
| Rhodium    | 103-1 |           |           |           | 97         |         | %     |
| Rhodium    | 103-2 |           |           |           | 99         |         | %     |
| Scandium   | 45-1  |           |           |           | 102        |         | %     |
| Scandium   | 45-2  |           |           |           | 102        |         | %     |
| Selenium   | 77-2  | 514.26    | 386.96    | 430.00    | 443.74     | 14.59   | ppb   |
| Selenium   | 78-2  | 493.80    | 466.53    | 507.87    | 489.40     | 4.29    | ppb   |
| Selenium   | 82-1  | 489.38    | 490.14    | 531.21    | 503.58     | 4.75    | ppb   |
| Silicon    | 28-1  | 524.20    | 525.91    | 588.97    | 546.36     | 6.76    | ppb   |
| Silver     | 109-1 | 491.33    | 494.71    | 531.03    | 505.69     | 4.35    | ppb   |
| Silver     | 107-1 | 495.18    | 492.51    | 527.37    | 505.02     | 3.84    | ppb   |
| Sodium     | 23-2  | 253567.81 | 249193.61 | 254887.95 | 252549.79  | 1.18    | ppb   |
| Strontium  | 86-1  | 496.27    | 489.97    | 529.04    | 505.09     | 4.15    | ppb   |
| Strontium  | 88-1  | 503.53    | 499.32    | 540.99    | 514.62     | 4.46    | ppb   |
| Sulfur     | 34-1  | 9151.35   | 8821.35   | 10889.12  | 9620.61    | 11.55   | ppb   |
| Terbium    | 159-1 |           |           |           | 105        |         | %     |
| Terbium    | 159-2 |           |           |           | 109        |         | %     |
| Thallium   | 203-1 | 515.34    | 509.84    | 560.12    | 528.43     | 5.22    | ppb   |
| Thallium   | 205-1 | 506.92    | 495.26    | 548.63    | 516.94     | 5.43    | ppb   |
| Tin        | 118-1 | 506.74    | 499.51    | 537.77    | 514.67     | 3.95    | ppb   |
| Titanium   | 47-1  | 2497.98   | 2502.06   | 2719.75   | 2573.26    | 4.93    | ppb   |
| Uranium    | 238-1 | 506.69    | 501.70    | 550.14    | 519.51     | 5.13    | ppb   |
| Vanadium   | 51-2  | 501.25    | 499.44    | 507.86    | 502.85     | 0.88    | ppb   |
| Yttrium    | 89-1  |           |           |           | 102        |         | %     |
| Yttrium    | 89-2  |           |           |           | 103        |         | %     |
| Zinc       | 66-2  | 969.20    | 961.94    | 996.91    | 976.02     | 1.89    | ppb   |

|                         |                     |                   |                      |
|-------------------------|---------------------|-------------------|----------------------|
| LB Number :             | LB97237             | Operator :        | Jaswal               |
| Lab Sample ID :         | CCV96               | Instrumnet Name : | P8                   |
| Client Sample ID :      | CCV96               | Dilution Factor : | 1                    |
| Date & Time Acquired :: | 2018-08-10 17:25:58 | DataFile Name :   | 089CCV_P8081018-MS.I |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|-----------|------|---------|---------|---------|------------|---------|-------|
| Zirconium | 90-1 | 508.79  | 505.14  | 544.57  | 519.50     | 4.19    | ppb   |
| Zirconium | 91-1 | 511.23  | 502.84  | 544.98  | 519.68     | 4.29    | ppb   |

|                         |                     |                   |                     |
|-------------------------|---------------------|-------------------|---------------------|
| LB Number :             | LB97237             | Operator :        | Jaswal              |
| Lab Sample ID :         | CCB96               | Instrumnet Name : | P8                  |
| Client Sample ID :      | CCB96               | Dilution Factor : | 1                   |
| Date & Time Acquired :: | 2018-08-10 17:32:51 | DataFile Name :   | 090CCBE_P8081018-M5 |

| Parameter  | Mass  | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|------------|-------|---------|---------|---------|------------|---------|-------|
| Aluminium  | 27-2  | 0.71    | -0.18   | 1.25    | 0.59       | 121.45  | ppb   |
| Antimony   | 121-1 | 0.36    | 0.38    | 0.40    | 0.38       | 4.92    | ppb   |
| Arsenic    | 75-2  | 0.04    | 0.00    | 0.00    | 0.01       | 198.02  | ppb   |
| Barium     | 135-1 | 0.01    | 0.00    | -0.01   | 0.00       | 853.42  | ppb   |
| Barium     | 137-1 | 0.01    | -0.01   | 0.00    | 0.00       |         | ppb   |
| Beryllium  | 9-1   | 0.10    | 0.09    | 0.08    | 0.09       | 13.76   | ppb   |
| Bismuth    | 209-1 |         |         |         | 106        |         | %     |
| Bismuth    | 209-2 |         |         |         | 108        |         | %     |
| Boron      | 10-1  | 7.71    | 6.89    | 5.51    | 6.70       | 16.55   | ppb   |
| Boron      | 11-1  | 6.67    | 6.13    | 6.02    | 6.27       | 5.57    | ppb   |
| Cadmium    | 111-1 | 0.05    | 0.03    | 0.00    | 0.03       | 95.95   | ppb   |
| Cadmium    | 106-1 | 0.69    | 0.36    | -0.17   | 0.29       | 148.95  | ppb   |
| Cadmium    | 108-1 | 0.14    | 0.20    | 0.02    | 0.12       | 78.08   | ppb   |
| Calcium    | 43-1  | 10.20   | 8.79    | 0.08    | 6.36       | 86.20   | ppb   |
| Calcium    | 44-1  | -8.49   | -7.07   | -8.25   | -7.94      |         | ppb   |
| Chromium   | 52-2  | -0.04   | -0.01   | -0.05   | -0.03      |         | ppb   |
| Cobalt     | 59-2  | -0.02   | -0.02   | 0.01    | -0.01      |         | ppb   |
| Copper     | 63-2  | -0.56   | -0.59   | -0.57   | -0.58      |         | ppb   |
| Dysprosium | 156-1 |         |         |         |            |         | cps   |
| Dysprosium | 156-2 |         |         |         |            |         | cps   |
| Erbium     | 164-1 |         |         |         |            |         | cps   |
| Erbium     | 164-2 |         |         |         |            |         | cps   |
| Gadolinium | 160-1 |         |         |         |            |         | cps   |
| Gadolinium | 160-2 |         |         |         |            |         | cps   |
| Holmium    | 165-1 |         |         |         | 106        |         | %     |
| Holmium    | 165-2 |         |         |         | 109        |         | %     |
| Indium     | 115-1 |         |         |         | 107        |         | %     |
| Indium     | 115-2 |         |         |         | 105        |         | %     |
| Iron       | 56-2  | 1.51    | 1.18    | 0.73    | 1.14       | 34.22   | ppb   |
| Iron       | 57-2  | 0.06    | 0.65    | 0.61    | 0.44       | 74.78   | ppb   |
| Krypton    | 83-1  |         |         |         |            |         | cps   |
| Lead       | 206-1 | 0.02    | 0.03    | 0.03    | 0.02       | 18.78   | ppb   |
| Lead       | 207-1 | 0.02    | 0.02    | 0.02    | 0.02       | 9.47    | ppb   |
| Lead       | 208-1 | 0.02    | 0.02    | 0.02    | 0.02       | 12.01   | ppb   |
| Lithium    | 6-1   |         |         |         | 103        |         | %     |
| Magnesium  | 24-2  | 6.44    | 9.98    | 3.81    | 6.74       | 45.89   | ppb   |

|                         |                     |                   |                     |
|-------------------------|---------------------|-------------------|---------------------|
| LB Number :             | LB97237             | Operator :        | Jaswal              |
| Lab Sample ID :         | CCB96               | Instrumnet Name : | P8                  |
| Client Sample ID :      | CCB96               | Dilution Factor : | 1                   |
| Date & Time Acquired :: | 2018-08-10 17:32:51 | DataFile Name :   | 090CCBE_P8081018-M5 |

| Parameter  | Mass  | ConRep1  | ConRep2 | ConRep3  | Avg. Conc. | ConcRSD | Units |
|------------|-------|----------|---------|----------|------------|---------|-------|
| Manganese  | 55-2  | -0.43    | -0.42   | -0.39    | -0.41      |         | ppb   |
| Molybdenum | 94-1  | 0.32     | 0.38    | 0.32     | 0.34       | 9.96    | ppb   |
| Molybdenum | 95-1  | 0.30     | 0.27    | 0.25     | 0.27       | 8.44    | ppb   |
| Molybdenum | 96-1  | 0.29     | 0.27    | 0.25     | 0.27       | 8.31    | ppb   |
| Molybdenum | 97-1  | 0.26     | 0.27    | 0.24     | 0.26       | 4.57    | ppb   |
| Molybdenum | 98-1  | 0.26     | 0.23    | 0.26     | 0.25       | 7.47    | ppb   |
| Neodymium  | 150-1 |          |         |          |            |         | cps   |
| Neodymium  | 150-2 |          |         |          |            |         | cps   |
| Nickel     | 60-2  | -0.16    | -0.06   | -0.20    | -0.14      |         | ppb   |
| Phosphorus | 31-2  | -17.95   | -17.95  | 8.63     | -9.09      |         | ppb   |
| Potassium  | 39-2  | 1.08     | -13.13  | -24.40   | -12.15     |         | ppb   |
| Rhodium    | 103-1 |          |         |          | 106        |         | %     |
| Rhodium    | 103-2 |          |         |          | 107        |         | %     |
| Scandium   | 45-1  |          |         |          | 104        |         | %     |
| Scandium   | 45-2  |          |         |          | 103        |         | %     |
| Selenium   | 77-2  | 0.00     | 0.00    | 0.00     | 0.00       | N/A     | ppb   |
| Selenium   | 78-2  | 0.00     | 0.00    | 0.96     | 0.32       | 173.21  | ppb   |
| Selenium   | 82-1  | -0.09    | 0.59    | 0.18     | 0.23       | 150.99  | ppb   |
| Silicon    | 28-1  | -8.03    | -5.53   | -6.87    | -6.81      |         | ppb   |
| Silver     | 109-1 | 0.02     | 0.03    | 0.02     | 0.02       | 35.46   | ppb   |
| Silver     | 107-1 | 0.02     | 0.02    | 0.03     | 0.02       | 20.68   | ppb   |
| Sodium     | 23-2  | -4.11    | -0.20   | -6.65    | -3.65      |         | ppb   |
| Strontium  | 86-1  | 0.00     | -0.01   | -0.05    | -0.02      |         | ppb   |
| Strontium  | 88-1  | 0.00     | 0.00    | 0.00     | 0.00       | 44.10   | ppb   |
| Sulfur     | 34-1  | -1084.97 | -823.97 | -1018.22 | -975.72    |         | ppb   |
| Terbium    | 159-1 |          |         |          | 107        |         | %     |
| Terbium    | 159-2 |          |         |          | 108        |         | %     |
| Thallium   | 203-1 | 0.06     | 0.05    | 0.07     | 0.06       | 14.86   | ppb   |
| Thallium   | 205-1 | 0.07     | 0.07    | 0.07     | 0.07       | 4.64    | ppb   |
| Tin        | 118-1 | 0.16     | 0.08    | 0.12     | 0.12       | 33.82   | ppb   |
| Titanium   | 47-1  | -0.03    | -0.01   | -0.05    | -0.03      |         | ppb   |
| Uranium    | 238-1 | 0.00     | 0.00    | 0.00     | 0.00       | 94.82   | ppb   |
| Vanadium   | 51-2  | 0.00     | -0.01   | -0.01    | -0.01      |         | ppb   |
| Yttrium    | 89-1  |          |         |          | 106        |         | %     |
| Yttrium    | 89-2  |          |         |          | 104        |         | %     |
| Zinc       | 66-2  | 0.01     | -0.24   | -0.08    | -0.10      |         | ppb   |

|                         |                     |                   |                     |
|-------------------------|---------------------|-------------------|---------------------|
| LB Number :             | LB97237             | Operator :        | Jaswal              |
| Lab Sample ID :         | CCB96               | Instrumnet Name : | P8                  |
| Client Sample ID :      | CCB96               | Dilution Factor : | 1                   |
| Date & Time Acquired :: | 2018-08-10 17:32:51 | DataFile Name :   | 090CCBE_P8081018-MS |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|-----------|------|---------|---------|---------|------------|---------|-------|
| Zirconium | 90-1 | 0.13    | 0.10    | 0.11    | 0.11       | 12.25   | ppb   |
| Zirconium | 91-1 | 0.13    | 0.13    | 0.10    | 0.12       | 15.69   | ppb   |



|                         |                     |                   |                     |
|-------------------------|---------------------|-------------------|---------------------|
| LB Number :             | LB97237             | Operator :        | Jaswal              |
| Lab Sample ID :         | PB111953BL          | Instrumnet Name : | P8                  |
| Client Sample ID :      | PB111953BL          | Dilution Factor : | 1                   |
| Date & Time Acquired :: | 2018-08-10 17:37:00 | DataFile Name :   | 091CCBE_P8081018-MS |

| Parameter  | Mass  | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|------------|-------|---------|---------|---------|------------|---------|-------|
| Aluminium  | 27-2  | 1.16    | -1.17   | 0.25    | 0.08       | 1424.25 | ppb   |
| Antimony   | 121-1 | 0.18    | 0.17    | 0.18    | 0.18       | 5.32    | ppb   |
| Arsenic    | 75-2  | -0.03   | -0.07   | -0.03   | -0.04      |         | ppb   |
| Barium     | 135-1 | -0.01   | -0.01   | -0.01   | -0.01      |         | ppb   |
| Barium     | 137-1 | -0.01   | 0.00    | -0.01   | -0.01      |         | ppb   |
| Beryllium  | 9-1   | 0.04    | 0.06    | 0.08    | 0.06       | 30.71   | ppb   |
| Bismuth    | 209-1 |         |         |         | 107        |         | %     |
| Bismuth    | 209-2 |         |         |         | 109        |         | %     |
| Boron      | 10-1  | 4.34    | 4.32    | 3.83    | 4.16       | 6.89    | ppb   |
| Boron      | 11-1  | 4.24    | 3.88    | 3.84    | 3.99       | 5.54    | ppb   |
| Cadmium    | 111-1 | -0.04   | 0.03    | 0.02    | 0.00       | 1048.96 | ppb   |
| Cadmium    | 106-1 | -0.62   | 0.19    | 0.11    | -0.11      |         | ppb   |
| Cadmium    | 108-1 | 0.02    | -0.01   | 0.05    | 0.02       | 172.18  | ppb   |
| Calcium    | 43-1  | -2.09   | 2.45    | 3.48    | 1.28       | 231.13  | ppb   |
| Calcium    | 44-1  | -7.96   | -9.05   | -8.57   | -8.53      |         | ppb   |
| Chromium   | 52-2  | -0.04   | -0.08   | -0.05   | -0.05      |         | ppb   |
| Cobalt     | 59-2  | -0.02   | -0.02   | -0.02   | -0.02      |         | ppb   |
| Copper     | 63-2  | -0.56   | -0.63   | -0.56   | -0.58      |         | ppb   |
| Dysprosium | 156-1 |         |         |         |            |         | cps   |
| Dysprosium | 156-2 |         |         |         |            |         | cps   |
| Erbium     | 164-1 |         |         |         |            |         | cps   |
| Erbium     | 164-2 |         |         |         |            |         | cps   |
| Gadolinium | 160-1 |         |         |         |            |         | cps   |
| Gadolinium | 160-2 |         |         |         |            |         | cps   |
| Holmium    | 165-1 |         |         |         | 107        |         | %     |
| Holmium    | 165-2 |         |         |         | 110        |         | %     |
| Indium     | 115-1 |         |         |         | 107        |         | %     |
| Indium     | 115-2 |         |         |         | 106        |         | %     |
| Iron       | 56-2  | 0.32    | 0.42    | 0.00    | 0.25       | 89.05   | ppb   |
| Iron       | 57-2  | 0.99    | 1.56    | 1.04    | 1.20       | 26.10   | ppb   |
| Krypton    | 83-1  |         |         |         |            |         | cps   |
| Lead       | 206-1 | 0.03    | 0.02    | 0.02    | 0.02       | 28.62   | ppb   |
| Lead       | 207-1 | 0.02    | 0.02    | 0.01    | 0.02       | 33.35   | ppb   |
| Lead       | 208-1 | 0.02    | 0.02    | 0.02    | 0.02       | 9.87    | ppb   |
| Lithium    | 6-1   |         |         |         | 102        |         | %     |
| Magnesium  | 24-2  | 5.05    | 2.72    | 2.64    | 3.47       | 39.33   | ppb   |

|                         |                     |                   |                     |
|-------------------------|---------------------|-------------------|---------------------|
| LB Number :             | LB97237             | Operator :        | Jaswal              |
| Lab Sample ID :         | PB111953BL          | Instrumnet Name : | P8                  |
| Client Sample ID :      | PB111953BL          | Dilution Factor : | 1                   |
| Date & Time Acquired :: | 2018-08-10 17:37:00 | DataFile Name :   | 091CCBE_P8081018-M5 |

| Parameter  | Mass  | ConRep1 | ConRep2  | ConRep3  | Avg. Conc. | ConcRSD | Units |
|------------|-------|---------|----------|----------|------------|---------|-------|
| Manganese  | 55-2  | -0.46   | -0.31    | -0.44    | -0.40      |         | ppb   |
| Molybdenum | 94-1  | 0.17    | 0.17     | 0.16     | 0.17       | 4.93    | ppb   |
| Molybdenum | 95-1  | 0.07    | 0.07     | 0.08     | 0.07       | 13.05   | ppb   |
| Molybdenum | 96-1  | 0.09    | 0.08     | 0.09     | 0.09       | 5.01    | ppb   |
| Molybdenum | 97-1  | 0.07    | 0.11     | 0.09     | 0.09       | 23.22   | ppb   |
| Molybdenum | 98-1  | 0.09    | 0.07     | 0.09     | 0.08       | 13.80   | ppb   |
| Neodymium  | 150-1 |         |          |          |            |         | cps   |
| Neodymium  | 150-2 |         |          |          |            |         | cps   |
| Nickel     | 60-2  | -0.14   | -0.08    | -0.10    | -0.11      |         | ppb   |
| Phosphorus | 31-2  | -17.95  | -17.95   | -17.95   | -17.95     |         | ppb   |
| Potassium  | 39-2  | -10.78  | -14.63   | -20.05   | -15.15     |         | ppb   |
| Rhodium    | 103-1 |         |          |          | 107        |         | %     |
| Rhodium    | 103-2 |         |          |          | 108        |         | %     |
| Scandium   | 45-1  |         |          |          | 106        |         | %     |
| Scandium   | 45-2  |         |          |          | 104        |         | %     |
| Selenium   | 77-2  | 0.00    | 0.00     | 0.00     | 0.00       | N/A     | ppb   |
| Selenium   | 78-2  | 0.93    | 0.00     | 0.94     | 0.62       | 86.60   | ppb   |
| Selenium   | 82-1  | 0.04    | -0.20    | -0.07    | -0.08      |         | ppb   |
| Silicon    | 28-1  | -6.34   | -8.66    | -9.76    | -8.25      |         | ppb   |
| Silver     | 109-1 | 0.03    | 0.03     | 0.03     | 0.03       | 3.61    | ppb   |
| Silver     | 107-1 | 0.02    | 0.02     | 0.02     | 0.02       | 14.91   | ppb   |
| Sodium     | 23-2  | -14.60  | -11.17   | -12.44   | -12.74     |         | ppb   |
| Strontium  | 86-1  | -0.01   | -0.03    | -0.01    | -0.02      |         | ppb   |
| Strontium  | 88-1  | 0.00    | 0.00     | 0.00     | 0.00       | 28.27   | ppb   |
| Sulfur     | 34-1  | -818.03 | -1007.40 | -1129.96 | -985.13    |         | ppb   |
| Terbium    | 159-1 |         |          |          | 107        |         | %     |
| Terbium    | 159-2 |         |          |          | 109        |         | %     |
| Thallium   | 203-1 | 0.04    | 0.04     | 0.04     | 0.04       | 3.56    | ppb   |
| Thallium   | 205-1 | 0.06    | 0.05     | 0.04     | 0.05       | 20.46   | ppb   |
| Tin        | 118-1 | 0.03    | 0.01     | 0.08     | 0.04       | 97.08   | ppb   |
| Titanium   | 47-1  | -0.09   | 0.00     | -0.05    | -0.05      |         | ppb   |
| Uranium    | 238-1 | 0.00    | 0.00     | 0.00     | 0.00       |         | ppb   |
| Vanadium   | 51-2  | 0.00    | -0.01    | 0.00     | -0.01      |         | ppb   |
| Yttrium    | 89-1  |         |          |          | 107        |         | %     |
| Yttrium    | 89-2  |         |          |          | 106        |         | %     |
| Zinc       | 66-2  | 0.54    | 0.23     | 0.08     | 0.28       | 83.10   | ppb   |

|                         |                     |                   |                     |
|-------------------------|---------------------|-------------------|---------------------|
| LB Number :             | LB97237             | Operator :        | Jaswal              |
| Lab Sample ID :         | PB111953BL          | Instrumnet Name : | P8                  |
| Client Sample ID :      | PB111953BL          | Dilution Factor : | 1                   |
| Date & Time Acquired :: | 2018-08-10 17:37:00 | DataFile Name :   | 091CCBE_P8081018-MS |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|-----------|------|---------|---------|---------|------------|---------|-------|
| Zirconium | 90-1 | 0.10    | 0.09    | 0.08    | 0.09       | 11.47   | ppb   |
| Zirconium | 91-1 | 0.11    | 0.13    | 0.06    | 0.10       | 36.20   | ppb   |

|                         |                     |                   |                     |
|-------------------------|---------------------|-------------------|---------------------|
| LB Number :             | LB97237             | Operator :        | Jaswal              |
| Lab Sample ID :         | PB111953BS          | Instrumnet Name : | P8                  |
| Client Sample ID :      | PB111953BS          | Dilution Factor : | 1                   |
| Date & Time Acquired :: | 2018-08-10 17:40:21 | DataFile Name :   | 092LCS6_P8081018-MS |

| Parameter  | Mass  | ConRep1  | ConRep2  | ConRep3  | Avg. Conc. | ConcRSD | Units |
|------------|-------|----------|----------|----------|------------|---------|-------|
| Aluminium  | 27-2  | 9561.97  | 9889.02  | 9863.22  | 9771.40    | 1.86    | ppb   |
| Antimony   | 121-1 | 497.09   | 485.35   | 498.29   | 493.58     | 1.45    | ppb   |
| Arsenic    | 75-2  | 491.24   | 496.34   | 491.71   | 493.10     | 0.57    | ppb   |
| Barium     | 135-1 | 2474.56  | 2431.69  | 2474.88  | 2460.38    | 1.01    | ppb   |
| Barium     | 137-1 | 2472.17  | 2412.03  | 2447.59  | 2443.93    | 1.24    | ppb   |
| Beryllium  | 9-1   | 489.46   | 482.21   | 489.27   | 486.98     | 0.85    | ppb   |
| Bismuth    | 209-1 |          |          |          | 107        |         | %     |
| Bismuth    | 209-2 |          |          |          | 107        |         | %     |
| Boron      | 10-1  | 454.48   | 458.65   | 480.38   | 464.51     | 2.99    | ppb   |
| Boron      | 11-1  | 456.66   | 456.36   | 480.95   | 464.65     | 3.04    | ppb   |
| Cadmium    | 111-1 | 484.08   | 478.35   | 486.25   | 482.89     | 0.85    | ppb   |
| Cadmium    | 106-1 | 481.65   | 484.41   | 487.60   | 484.55     | 0.61    | ppb   |
| Cadmium    | 108-1 | 491.48   | 483.48   | 487.51   | 487.49     | 0.82    | ppb   |
| Calcium    | 43-1  | 47093.70 | 46164.33 | 47490.34 | 46916.12   | 1.45    | ppb   |
| Calcium    | 44-1  | 47319.62 | 46457.08 | 47472.00 | 47082.90   | 1.16    | ppb   |
| Chromium   | 52-2  | 481.42   | 501.14   | 498.52   | 493.69     | 2.17    | ppb   |
| Cobalt     | 59-2  | 480.71   | 498.03   | 498.53   | 492.43     | 2.06    | ppb   |
| Copper     | 63-2  | 975.79   | 1006.89  | 1001.23  | 994.63     | 1.67    | ppb   |
| Dysprosium | 156-1 |          |          |          |            |         | cps   |
| Dysprosium | 156-2 |          |          |          |            |         | cps   |
| Erbium     | 164-1 |          |          |          |            |         | cps   |
| Erbium     | 164-2 |          |          |          |            |         | cps   |
| Gadolinium | 160-1 |          |          |          |            |         | cps   |
| Gadolinium | 160-2 |          |          |          |            |         | cps   |
| Holmium    | 165-1 |          |          |          | 110        |         | %     |
| Holmium    | 165-2 |          |          |          | 110        |         | %     |
| Indium     | 115-1 |          |          |          | 107        |         | %     |
| Indium     | 115-2 |          |          |          | 104        |         | %     |
| Iron       | 56-2  | 25647.91 | 26515.85 | 26577.46 | 26247.07   | 1.98    | ppb   |
| Iron       | 57-2  | 25576.46 | 26232.96 | 26413.25 | 26074.23   | 1.69    | ppb   |
| Krypton    | 83-1  |          |          |          |            |         | cps   |
| Lead       | 206-1 | 492.75   | 487.95   | 495.17   | 491.96     | 0.75    | ppb   |
| Lead       | 207-1 | 490.64   | 485.23   | 492.02   | 489.30     | 0.73    | ppb   |
| Lead       | 208-1 | 488.95   | 485.59   | 488.89   | 487.81     | 0.39    | ppb   |
| Lithium    | 6-1   |          |          |          | 103        |         | %     |
| Magnesium  | 24-2  | 51460.66 | 52810.74 | 51926.91 | 52066.10   | 1.32    | ppb   |

|                         |                     |                   |                     |
|-------------------------|---------------------|-------------------|---------------------|
| LB Number :             | LB97237             | Operator :        | Jaswal              |
| Lab Sample ID :         | PB111953BS          | Instrumnet Name : | P8                  |
| Client Sample ID :      | PB111953BS          | Dilution Factor : | 1                   |
| Date & Time Acquired :: | 2018-08-10 17:40:21 | DataFile Name :   | 092LCS6_P8081018-MS |

| Parameter  | Mass  | ConRep1  | ConRep2  | ConRep3  | Avg. Conc. | ConcRSD | Units |
|------------|-------|----------|----------|----------|------------|---------|-------|
| Manganese  | 55-2  | 965.74   | 996.51   | 992.09   | 984.78     | 1.69    | ppb   |
| Molybdenum | 94-1  | 2437.28  | 2421.69  | 2436.04  | 2431.67    | 0.36    | ppb   |
| Molybdenum | 95-1  | 2428.03  | 2403.50  | 2431.64  | 2421.06    | 0.63    | ppb   |
| Molybdenum | 96-1  | 2432.75  | 2411.33  | 2408.00  | 2417.36    | 0.56    | ppb   |
| Molybdenum | 97-1  | 2475.06  | 2424.95  | 2430.76  | 2443.59    | 1.12    | ppb   |
| Molybdenum | 98-1  | 2459.98  | 2419.02  | 2424.58  | 2434.53    | 0.91    | ppb   |
| Neodymium  | 150-1 |          |          |          |            |         | cps   |
| Neodymium  | 150-2 |          |          |          |            |         | cps   |
| Nickel     | 60-2  | 485.68   | 501.99   | 500.70   | 496.12     | 1.83    | ppb   |
| Phosphorus | 31-2  | 9508.38  | 9877.59  | 9616.10  | 9667.36    | 1.96    | ppb   |
| Potassium  | 39-2  | 23672.46 | 24553.05 | 24502.02 | 24242.51   | 2.04    | ppb   |
| Rhodium    | 103-1 |          |          |          | 105        |         | %     |
| Rhodium    | 103-2 |          |          |          | 105        |         | %     |
| Scandium   | 45-1  |          |          |          | 107        |         | %     |
| Scandium   | 45-2  |          |          |          | 104        |         | %     |
| Selenium   | 77-2  | 531.60   | 466.42   | 488.44   | 495.49     | 6.69    | ppb   |
| Selenium   | 78-2  | 476.47   | 488.09   | 490.00   | 484.85     | 1.51    | ppb   |
| Selenium   | 82-1  | 490.71   | 479.83   | 482.87   | 484.47     | 1.16    | ppb   |
| Silicon    | 28-1  | 514.32   | 494.73   | 519.25   | 509.43     | 2.55    | ppb   |
| Silver     | 109-1 | 505.33   | 491.76   | 503.78   | 500.29     | 1.48    | ppb   |
| Silver     | 107-1 | 497.74   | 488.73   | 500.13   | 495.54     | 1.21    | ppb   |
| Sodium     | 23-2  | 50041.65 | 51347.33 | 51469.69 | 50952.89   | 1.55    | ppb   |
| Strontium  | 86-1  | 478.24   | 474.18   | 478.79   | 477.07     | 0.53    | ppb   |
| Strontium  | 88-1  | 490.27   | 482.96   | 486.99   | 486.74     | 0.75    | ppb   |
| Sulfur     | 34-1  | 8602.70  | 8098.87  | 8425.92  | 8375.83    | 3.05    | ppb   |
| Terbium    | 159-1 |          |          |          | 110        |         | %     |
| Terbium    | 159-2 |          |          |          | 110        |         | %     |
| Thallium   | 203-1 | 496.33   | 488.12   | 491.69   | 492.05     | 0.84    | ppb   |
| Thallium   | 205-1 | 483.75   | 478.43   | 484.47   | 482.22     | 0.68    | ppb   |
| Tin        | 118-1 | 499.46   | 491.05   | 499.24   | 496.58     | 0.96    | ppb   |
| Titanium   | 47-1  | 2459.95  | 2411.16  | 2423.96  | 2431.69    | 1.04    | ppb   |
| Uranium    | 238-1 | 467.95   | 464.31   | 473.56   | 468.61     | 0.99    | ppb   |
| Vanadium   | 51-2  | 484.34   | 496.76   | 498.21   | 493.11     | 1.55    | ppb   |
| Yttrium    | 89-1  |          |          |          | 109        |         | %     |
| Yttrium    | 89-2  |          |          |          | 105        |         | %     |
| Zinc       | 66-2  | 967.33   | 992.49   | 994.08   | 984.63     | 1.52    | ppb   |

|                         |                     |                   |                     |
|-------------------------|---------------------|-------------------|---------------------|
| LB Number :             | LB97237             | Operator :        | Jaswal              |
| Lab Sample ID :         | PB111953BS          | Instrumnet Name : | P8                  |
| Client Sample ID :      | PB111953BS          | Dilution Factor : | 1                   |
| Date & Time Acquired :: | 2018-08-10 17:40:21 | DataFile Name :   | 092LCS6_P8081018-MS |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|-----------|------|---------|---------|---------|------------|---------|-------|
| Zirconium | 90-1 | 485.53  | 480.78  | 487.78  | 484.70     | 0.74    | ppb   |
| Zirconium | 91-1 | 479.96  | 486.67  | 489.35  | 485.33     | 1.00    | ppb   |

|                         |                     |                   |                     |
|-------------------------|---------------------|-------------------|---------------------|
| LB Number :             | LB97237             | Operator :        | Jaswal              |
| Lab Sample ID :         | J4379-01            | Instrumnet Name : | P8                  |
| Client Sample ID :      | FB-08072018         | Dilution Factor : | 1                   |
| Date & Time Acquired :: | 2018-08-10 17:43:32 | DataFile Name :   | 093SMPL_P8081018-MS |

| Parameter  | Mass  | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|------------|-------|---------|---------|---------|------------|---------|-------|
| Aluminium  | 27-2  | 0.95    | 4.09    | 1.99    | 2.35       | 68.16   | ppb   |
| Antimony   | 121-1 | 0.78    | 0.70    | 0.70    | 0.73       | 6.06    | ppb   |
| Arsenic    | 75-2  | -0.03   | 0.07    | -0.05   | 0.00       |         | ppb   |
| Barium     | 135-1 | 0.24    | 0.17    | 0.16    | 0.19       | 23.03   | ppb   |
| Barium     | 137-1 | 0.18    | 0.19    | 0.16    | 0.18       | 9.65    | ppb   |
| Beryllium  | 9-1   | 0.18    | 0.16    | 0.18    | 0.17       | 5.27    | ppb   |
| Bismuth    | 209-1 |         |         |         | 121        |         | %     |
| Bismuth    | 209-2 |         |         |         | 117        |         | %     |
| Boron      | 10-1  | 16.43   | 15.79   | 15.22   | 15.82      | 3.83    | ppb   |
| Boron      | 11-1  | 17.55   | 16.64   | 16.18   | 16.79      | 4.13    | ppb   |
| Cadmium    | 111-1 | 0.02    | -0.02   | -0.03   | -0.01      |         | ppb   |
| Cadmium    | 106-1 | -0.37   | -0.64   | -0.71   | -0.57      |         | ppb   |
| Cadmium    | 108-1 | 0.12    | -0.04   | 0.10    | 0.06       | 154.46  | ppb   |
| Calcium    | 43-1  | 37.99   | 39.00   | 35.11   | 37.37      | 5.39    | ppb   |
| Calcium    | 44-1  | 24.21   | 23.91   | 25.87   | 24.66      | 4.27    | ppb   |
| Chromium   | 52-2  | 0.03    | 0.01    | 0.00    | 0.01       | 123.64  | ppb   |
| Cobalt     | 59-2  | -0.01   | 0.00    | 0.01    | 0.00       |         | ppb   |
| Copper     | 63-2  | -0.04   | 0.00    | -0.10   | -0.05      |         | ppb   |
| Dysprosium | 156-1 |         |         |         |            |         | cps   |
| Dysprosium | 156-2 |         |         |         |            |         | cps   |
| Erbium     | 164-1 |         |         |         |            |         | cps   |
| Erbium     | 164-2 |         |         |         |            |         | cps   |
| Gadolinium | 160-1 |         |         |         |            |         | cps   |
| Gadolinium | 160-2 |         |         |         |            |         | cps   |
| Holmium    | 165-1 |         |         |         | 120        |         | %     |
| Holmium    | 165-2 |         |         |         | 120        |         | %     |
| Indium     | 115-1 |         |         |         | 120        |         | %     |
| Indium     | 115-2 |         |         |         | 115        |         | %     |
| Iron       | 56-2  | 2.56    | 2.35    | 2.44    | 2.45       | 4.23    | ppb   |
| Iron       | 57-2  | 0.31    | 1.70    | 2.75    | 1.59       | 77.17   | ppb   |
| Krypton    | 83-1  |         |         |         |            |         | cps   |
| Lead       | 206-1 | 0.05    | 0.05    | 0.08    | 0.06       | 30.29   | ppb   |
| Lead       | 207-1 | 0.06    | 0.06    | 0.05    | 0.06       | 8.60    | ppb   |
| Lead       | 208-1 | 0.05    | 0.06    | 0.06    | 0.06       | 9.95    | ppb   |
| Lithium    | 6-1   |         |         |         | 113        |         | %     |
| Magnesium  | 24-2  | 9.48    | 13.73   | 15.60   | 12.94      | 24.24   | ppb   |

|                         |                     |                   |                     |
|-------------------------|---------------------|-------------------|---------------------|
| LB Number :             | LB97237             | Operator :        | Jaswal              |
| Lab Sample ID :         | J4379-01            | Instrumnet Name : | P8                  |
| Client Sample ID :      | FB-08072018         | Dilution Factor : | 1                   |
| Date & Time Acquired :: | 2018-08-10 17:43:32 | DataFile Name :   | 093SMPL_P8081018-MS |

| Parameter  | Mass  | ConRep1  | ConRep2  | ConRep3  | Avg. Conc. | ConcRSD | Units |
|------------|-------|----------|----------|----------|------------|---------|-------|
| Manganese  | 55-2  | -0.05    | -0.30    | -0.16    | -0.17      |         | ppb   |
| Molybdenum | 94-1  | 0.66     | 0.60     | 0.59     | 0.62       | 5.94    | ppb   |
| Molybdenum | 95-1  | 0.89     | 0.79     | 0.74     | 0.81       | 9.39    | ppb   |
| Molybdenum | 96-1  | 0.94     | 0.83     | 0.74     | 0.84       | 12.12   | ppb   |
| Molybdenum | 97-1  | 0.94     | 0.85     | 0.85     | 0.88       | 5.99    | ppb   |
| Molybdenum | 98-1  | 0.94     | 0.82     | 0.69     | 0.82       | 15.54   | ppb   |
| Neodymium  | 150-1 |          |          |          |            |         | cps   |
| Neodymium  | 150-2 |          |          |          |            |         | cps   |
| Nickel     | 60-2  | -0.10    | -0.14    | -0.09    | -0.11      |         | ppb   |
| Phosphorus | 31-2  | -17.95   | -17.95   | -17.95   | -17.95     |         | ppb   |
| Potassium  | 39-2  | -18.80   | -13.49   | 5.61     | -8.89      |         | ppb   |
| Rhodium    | 103-1 |          |          |          | 119        |         | %     |
| Rhodium    | 103-2 |          |          |          | 116        |         | %     |
| Scandium   | 45-1  |          |          |          | 117        |         | %     |
| Scandium   | 45-2  |          |          |          | 111        |         | %     |
| Selenium   | 77-2  | 0.00     | 0.00     | 0.00     | 0.00       | N/A     | ppb   |
| Selenium   | 78-2  | 0.86     | 0.00     | 0.90     | 0.58       | 86.67   | ppb   |
| Selenium   | 82-1  | 0.82     | 0.41     | 0.25     | 0.49       | 59.42   | ppb   |
| Silicon    | 28-1  | 0.26     | 3.27     | 4.63     | 2.72       | 82.19   | ppb   |
| Silver     | 109-1 | 0.05     | 0.04     | 0.04     | 0.04       | 8.98    | ppb   |
| Silver     | 107-1 | 0.04     | 0.03     | 0.03     | 0.03       | 5.49    | ppb   |
| Sodium     | 23-2  | 190.89   | 179.23   | 184.25   | 184.79     | 3.17    | ppb   |
| Strontium  | 86-1  | 0.05     | 0.04     | 0.14     | 0.08       | 69.70   | ppb   |
| Strontium  | 88-1  | 0.09     | 0.10     | 0.10     | 0.10       | 5.22    | ppb   |
| Sulfur     | 34-1  | -3260.56 | -2893.26 | -2627.25 | -2927.02   |         | ppb   |
| Terbium    | 159-1 |          |          |          | 120        |         | %     |
| Terbium    | 159-2 |          |          |          | 118        |         | %     |
| Thallium   | 203-1 | 0.10     | 0.10     | 0.07     | 0.09       | 17.87   | ppb   |
| Thallium   | 205-1 | 0.10     | 0.10     | 0.09     | 0.10       | 6.53    | ppb   |
| Tin        | 118-1 | 1.44     | 1.37     | 1.60     | 1.47       | 7.86    | ppb   |
| Titanium   | 47-1  | 0.06     | 0.16     | 0.09     | 0.10       | 48.95   | ppb   |
| Uranium    | 238-1 | 0.01     | 0.01     | 0.01     | 0.01       | 33.19   | ppb   |
| Vanadium   | 51-2  | 0.01     | 0.02     | 0.01     | 0.01       | 80.28   | ppb   |
| Yttrium    | 89-1  |          |          |          | 119        |         | %     |
| Yttrium    | 89-2  |          |          |          | 114        |         | %     |
| Zinc       | 66-2  | 6.90     | 7.05     | 6.68     | 6.88       | 2.67    | ppb   |



|                         |                     |                   |                     |
|-------------------------|---------------------|-------------------|---------------------|
| LB Number :             | LB97237             | Operator :        | Jaswal              |
| Lab Sample ID :         | J4379-01            | Instrumnet Name : | P8                  |
| Client Sample ID :      | FB-08072018         | Dilution Factor : | 1                   |
| Date & Time Acquired :: | 2018-08-10 17:43:32 | DataFile Name :   | 093SMPL_P8081018-MS |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|-----------|------|---------|---------|---------|------------|---------|-------|
| Zirconium | 90-1 | 0.01    | 0.00    | 0.00    | 0.00       | 129.45  | ppb   |
| Zirconium | 91-1 | 0.03    | 0.00    | 0.05    | 0.03       | 100.97  | ppb   |

|                         |                     |                   |                     |
|-------------------------|---------------------|-------------------|---------------------|
| LB Number :             | LB97237             | Operator :        | Jaswal              |
| Lab Sample ID :         | J4379-03            | Instrumnet Name : | P8                  |
| Client Sample ID :      | MW-106S             | Dilution Factor : | 1                   |
| Date & Time Acquired :: | 2018-08-10 17:46:53 | DataFile Name :   | 094SMPL_P8081018-MS |

| Parameter  | Mass  | ConRep1   | ConRep2   | ConRep3   | Avg. Conc. | ConcRSD | Units |
|------------|-------|-----------|-----------|-----------|------------|---------|-------|
| Aluminium  | 27-2  | 3.76      | 10.45     | 8.11      | 7.44       | 45.63   | ppb   |
| Antimony   | 121-1 | 3.39      | 3.28      | 3.37      | 3.35       | 1.85    | ppb   |
| Arsenic    | 75-2  | 0.85      | 0.40      | 0.78      | 0.68       | 36.02   | ppb   |
| Barium     | 135-1 | 152.76    | 147.61    | 143.47    | 147.94     | 3.15    | ppb   |
| Barium     | 137-1 | 152.11    | 145.89    | 141.74    | 146.58     | 3.56    | ppb   |
| Beryllium  | 9-1   | 0.10      | 0.05      | 0.08      | 0.08       | 26.97   | ppb   |
| Bismuth    | 209-1 |           |           |           | 97         |         | %     |
| Bismuth    | 209-2 |           |           |           | 91         |         | %     |
| Boron      | 10-1  | 446.05    | 421.02    | 413.32    | 426.80     | 4.01    | ppb   |
| Boron      | 11-1  | 446.23    | 427.03    | 409.20    | 427.48     | 4.33    | ppb   |
| Cadmium    | 111-1 | 0.16      | 0.07      | 0.01      | 0.08       | 91.98   | ppb   |
| Cadmium    | 106-1 | 0.23      | -0.62     | -1.11     | -0.50      |         | ppb   |
| Cadmium    | 108-1 | 0.41      | 0.28      | 0.15      | 0.28       | 45.71   | ppb   |
| Calcium    | 43-1  | 176949.17 | 168169.89 | 172714.08 | 172611.05  | 2.54    | ppb   |
| Calcium    | 44-1  | 175323.25 | 167874.00 | 171217.96 | 171471.74  | 2.18    | ppb   |
| Chromium   | 52-2  | 0.79      | 0.82      | 0.75      | 0.79       | 4.68    | ppb   |
| Cobalt     | 59-2  | 0.05      | 0.05      | 0.07      | 0.06       | 16.59   | ppb   |
| Copper     | 63-2  | 4.13      | 4.29      | 4.30      | 4.24       | 2.20    | ppb   |
| Dysprosium | 156-1 |           |           |           |            |         | cps   |
| Dysprosium | 156-2 |           |           |           |            |         | cps   |
| Erbium     | 164-1 |           |           |           |            |         | cps   |
| Erbium     | 164-2 |           |           |           |            |         | cps   |
| Gadolinium | 160-1 |           |           |           |            |         | cps   |
| Gadolinium | 160-2 |           |           |           |            |         | cps   |
| Holmium    | 165-1 |           |           |           | 99         |         | %     |
| Holmium    | 165-2 |           |           |           | 95         |         | %     |
| Indium     | 115-1 |           |           |           | 94         |         | %     |
| Indium     | 115-2 |           |           |           | 86         |         | %     |
| Iron       | 56-2  | 246.31    | 244.68    | 246.15    | 245.72     | 0.37    | ppb   |
| Iron       | 57-2  | 254.84    | 252.40    | 236.43    | 247.89     | 4.03    | ppb   |
| Krypton    | 83-1  |           |           |           |            |         | cps   |
| Lead       | 206-1 | 0.41      | 0.33      | 0.34      | 0.36       | 12.10   | ppb   |
| Lead       | 207-1 | 0.41      | 0.35      | 0.34      | 0.37       | 10.37   | ppb   |
| Lead       | 208-1 | 0.40      | 0.33      | 0.33      | 0.35       | 11.99   | ppb   |
| Lithium    | 6-1   |           |           |           | 111        |         | %     |
| Magnesium  | 24-2  | 43908.47  | 43858.61  | 44433.18  | 44066.75   | 0.72    | ppb   |

|                         |                     |                   |                     |
|-------------------------|---------------------|-------------------|---------------------|
| LB Number :             | LB97237             | Operator :        | Jaswal              |
| Lab Sample ID :         | J4379-03            | Instrumnet Name : | P8                  |
| Client Sample ID :      | MW-106S             | Dilution Factor : | 1                   |
| Date & Time Acquired :: | 2018-08-10 17:46:53 | DataFile Name :   | 094SMPL_P8081018-MS |

| Parameter  | Mass  | ConRep1   | ConRep2   | ConRep3   | Avg. Conc. | ConcRSD | Units |
|------------|-------|-----------|-----------|-----------|------------|---------|-------|
| Manganese  | 55-2  | 222.11    | 222.41    | 223.35    | 222.62     | 0.29    | ppb   |
| Molybdenum | 94-1  | 2.21      | 1.78      | 1.51      | 1.83       | 19.11   | ppb   |
| Molybdenum | 95-1  | 0.69      | 0.61      | 0.53      | 0.61       | 13.41   | ppb   |
| Molybdenum | 96-1  | 0.93      | 0.77      | 0.71      | 0.80       | 13.74   | ppb   |
| Molybdenum | 97-1  | 0.75      | 0.79      | 0.55      | 0.70       | 18.98   | ppb   |
| Molybdenum | 98-1  | 0.78      | 0.67      | 0.69      | 0.71       | 8.59    | ppb   |
| Neodymium  | 150-1 |           |           |           |            |         | cps   |
| Neodymium  | 150-2 |           |           |           |            |         | cps   |
| Nickel     | 60-2  | 0.36      | 0.22      | 0.33      | 0.30       | 23.68   | ppb   |
| Phosphorus | 31-2  | 345.82    | 15.35     | 116.33    | 159.16     | 106.40  | ppb   |
| Potassium  | 39-2  | 31013.75  | 31117.13  | 31512.55  | 31214.48   | 0.84    | ppb   |
| Rhodium    | 103-1 |           |           |           | 89         |         | %     |
| Rhodium    | 103-2 |           |           |           | 88         |         | %     |
| Scandium   | 45-1  |           |           |           | 88         |         | %     |
| Scandium   | 45-2  |           |           |           | 82         |         | %     |
| Selenium   | 77-2  | 7.26      | 0.00      | 7.37      | 4.88       | 86.61   | ppb   |
| Selenium   | 78-2  | 1.16      | 1.18      | 1.18      | 1.17       | 0.94    | ppb   |
| Selenium   | 82-1  | 2.39      | 1.77      | 1.84      | 2.00       | 17.00   | ppb   |
| Silicon    | 28-1  | 12786.64  | 12143.43  | 12380.66  | 12436.91   | 2.62    | ppb   |
| Silver     | 109-1 | 0.44      | 0.43      | 0.33      | 0.40       | 14.68   | ppb   |
| Silver     | 107-1 | 0.47      | 0.39      | 0.36      | 0.41       | 13.99   | ppb   |
| Sodium     | 23-2  | 447442.33 | 446755.40 | 451221.77 | 448473.17  | 0.54    | ppb   |
| Strontium  | 86-1  | 1469.17   | 1378.04   | 1378.02   | 1408.41    | 3.74    | ppb   |
| Strontium  | 88-1  | 1470.97   | 1386.22   | 1382.45   | 1413.22    | 3.54    | ppb   |
| Sulfur     | 34-1  | 20251.94  | 18931.24  | 19140.32  | 19441.17   | 3.65    | ppb   |
| Terbium    | 159-1 |           |           |           | 99         |         | %     |
| Terbium    | 159-2 |           |           |           | 94         |         | %     |
| Thallium   | 203-1 | 0.76      | 0.56      | 0.49      | 0.60       | 23.11   | ppb   |
| Thallium   | 205-1 | 0.74      | 0.59      | 0.52      | 0.62       | 18.27   | ppb   |
| Tin        | 118-1 | 5.43      | 4.97      | 4.69      | 5.03       | 7.44    | ppb   |
| Titanium   | 47-1  | 1.38      | 1.57      | 1.47      | 1.47       | 6.27    | ppb   |
| Uranium    | 238-1 | 1.03      | 1.02      | 1.08      | 1.05       | 3.27    | ppb   |
| Vanadium   | 51-2  | 1.61      | 1.63      | 1.54      | 1.59       | 3.06    | ppb   |
| Yttrium    | 89-1  |           |           |           | 93         |         | %     |
| Yttrium    | 89-2  |           |           |           | 85         |         | %     |
| Zinc       | 66-2  | 19.85     | 19.97     | 21.53     | 20.45      | 4.58    | ppb   |

|                         |                     |                   |                     |
|-------------------------|---------------------|-------------------|---------------------|
| LB Number :             | LB97237             | Operator :        | Jaswal              |
| Lab Sample ID :         | J4379-03            | Instrumnet Name : | P8                  |
| Client Sample ID :      | MW-106S             | Dilution Factor : | 1                   |
| Date & Time Acquired :: | 2018-08-10 17:46:53 | DataFile Name :   | 094SMPL_P8081018-MS |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|-----------|------|---------|---------|---------|------------|---------|-------|
| Zirconium | 90-1 | 1.18    | 0.92    | 0.76    | 0.96       | 22.09   | ppb   |
| Zirconium | 91-1 | 1.16    | 0.81    | 0.79    | 0.92       | 22.49   | ppb   |

|                         |                     |                   |                     |
|-------------------------|---------------------|-------------------|---------------------|
| LB Number :             | LB97237             | Operator :        | Jaswal              |
| Lab Sample ID :         | J4379-04            | Instrumnet Name : | P8                  |
| Client Sample ID :      | MW-106I             | Dilution Factor : | 1                   |
| Date & Time Acquired :: | 2018-08-10 17:50:12 | DataFile Name :   | 095SMPL_P8081018-MS |

| Parameter  | Mass  | ConRep1  | ConRep2  | ConRep3  | Avg. Conc. | ConcRSD | Units |
|------------|-------|----------|----------|----------|------------|---------|-------|
| Aluminium  | 27-2  | 57.09    | 46.43    | 44.54    | 49.36      | 13.71   | ppb   |
| Antimony   | 121-1 | 2.71     | 2.85     | 3.11     | 2.89       | 7.13    | ppb   |
| Arsenic    | 75-2  | 5.96     | 7.00     | 5.71     | 6.22       | 11.02   | ppb   |
| Barium     | 135-1 | 47.69    | 48.72    | 48.01    | 48.14      | 1.09    | ppb   |
| Barium     | 137-1 | 48.50    | 49.18    | 48.72    | 48.80      | 0.70    | ppb   |
| Beryllium  | 9-1   | 0.05     | 0.06     | 0.05     | 0.05       | 10.28   | ppb   |
| Bismuth    | 209-1 |          |          |          | 98         |         | %     |
| Bismuth    | 209-2 |          |          |          | 90         |         | %     |
| Boron      | 10-1  | 556.93   | 587.63   | 584.35   | 576.30     | 2.93    | ppb   |
| Boron      | 11-1  | 564.30   | 586.16   | 596.64   | 582.37     | 2.83    | ppb   |
| Cadmium    | 111-1 | 0.05     | 0.01     | 0.01     | 0.02       | 86.80   | ppb   |
| Cadmium    | 106-1 | -0.09    | -0.77    | -0.83    | -0.56      |         | ppb   |
| Cadmium    | 108-1 | 0.05     | 0.12     | 0.31     | 0.16       | 83.33   | ppb   |
| Calcium    | 43-1  | 12399.12 | 12076.10 | 12240.65 | 12238.62   | 1.32    | ppb   |
| Calcium    | 44-1  | 12426.87 | 12132.31 | 12446.16 | 12335.11   | 1.43    | ppb   |
| Chromium   | 52-2  | 1.17     | 1.14     | 1.12     | 1.14       | 2.37    | ppb   |
| Cobalt     | 59-2  | 0.21     | 0.22     | 0.18     | 0.20       | 12.01   | ppb   |
| Copper     | 63-2  | 13.66    | 12.81    | 13.04    | 13.17      | 3.32    | 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 |          |          |          | 102        |         | %     |
| Holmium    | 165-2 |          |          |          | 95         |         | %     |
| Indium     | 115-1 |          |          |          | 98         |         | %     |
| Indium     | 115-2 |          |          |          | 87         |         | %     |
| Iron       | 56-2  | 708.69   | 654.04   | 652.40   | 671.71     | 4.77    | ppb   |
| Iron       | 57-2  | 705.84   | 640.99   | 638.79   | 661.88     | 5.76    | ppb   |
| Krypton    | 83-1  |          |          |          |            |         | cps   |
| Lead       | 206-1 | 6.25     | 6.22     | 6.36     | 6.28       | 1.16    | ppb   |
| Lead       | 207-1 | 5.63     | 5.65     | 5.75     | 5.67       | 1.13    | ppb   |
| Lead       | 208-1 | 5.88     | 5.86     | 5.97     | 5.90       | 1.00    | ppb   |
| Lithium    | 6-1   |          |          |          | 118        |         | %     |
| Magnesium  | 24-2  | 36561.64 | 34028.92 | 33519.26 | 34703.27   | 4.70    | ppb   |

|                         |                     |                   |                     |
|-------------------------|---------------------|-------------------|---------------------|
| LB Number :             | LB97237             | Operator :        | Jaswal              |
| Lab Sample ID :         | J4379-04            | Instrumnet Name : | P8                  |
| Client Sample ID :      | MW-106I             | Dilution Factor : | 1                   |
| Date & Time Acquired :: | 2018-08-10 17:50:12 | DataFile Name :   | 095SMPL_P8081018-MS |

| Parameter  | Mass  | ConRep1   | ConRep2   | ConRep3   | Avg. Conc. | ConcRSD | Units |
|------------|-------|-----------|-----------|-----------|------------|---------|-------|
| Manganese  | 55-2  | 36.63     | 34.96     | 34.10     | 35.23      | 3.65    | ppb   |
| Molybdenum | 94-1  | 11.39     | 11.76     | 11.41     | 11.52      | 1.80    | ppb   |
| Molybdenum | 95-1  | 15.58     | 15.57     | 15.46     | 15.54      | 0.45    | ppb   |
| Molybdenum | 96-1  | 14.95     | 15.33     | 14.93     | 15.07      | 1.49    | ppb   |
| Molybdenum | 97-1  | 15.18     | 15.48     | 15.73     | 15.47      | 1.77    | ppb   |
| Molybdenum | 98-1  | 15.36     | 15.43     | 15.43     | 15.41      | 0.26    | ppb   |
| Neodymium  | 150-1 |           |           |           |            |         | cps   |
| Neodymium  | 150-2 |           |           |           |            |         | cps   |
| Nickel     | 60-2  | 1.01      | 0.93      | 0.98      | 0.98       | 4.16    | ppb   |
| Phosphorus | 31-2  | 254.39    | 460.39    | 447.25    | 387.34     | 29.77   | ppb   |
| Potassium  | 39-2  | 39776.87  | 37280.35  | 35970.58  | 37675.93   | 5.13    | ppb   |
| Rhodium    | 103-1 |           |           |           | 93         |         | %     |
| Rhodium    | 103-2 |           |           |           | 89         |         | %     |
| Scandium   | 45-1  |           |           |           | 92         |         | %     |
| Scandium   | 45-2  |           |           |           | 84         |         | %     |
| Selenium   | 77-2  | 0.00      | 0.00      | 6.86      | 2.29       | 173.21  | ppb   |
| Selenium   | 78-2  | 2.43      | 1.12      | 0.00      | 1.18       | 102.78  | ppb   |
| Selenium   | 82-1  | 3.06      | 3.40      | 2.85      | 3.11       | 8.91    | ppb   |
| Silicon    | 28-1  | 3219.88   | 3154.67   | 3206.02   | 3193.52    | 1.08    | ppb   |
| Silver     | 109-1 | 0.22      | 0.17      | 0.22      | 0.20       | 14.13   | ppb   |
| Silver     | 107-1 | 0.23      | 0.20      | 0.17      | 0.20       | 14.04   | ppb   |
| Sodium     | 23-2  | 725644.77 | 678833.94 | 664673.41 | 689717.37  | 4.63    | ppb   |
| Strontium  | 86-1  | 348.94    | 350.43    | 352.98    | 350.78     | 0.58    | ppb   |
| Strontium  | 88-1  | 350.96    | 356.63    | 360.67    | 356.09     | 1.37    | ppb   |
| Sulfur     | 34-1  | 39753.85  | 38899.51  | 38709.23  | 39120.87   | 1.42    | ppb   |
| Terbium    | 159-1 |           |           |           | 102        |         | %     |
| Terbium    | 159-2 |           |           |           | 95         |         | %     |
| Thallium   | 203-1 | 0.11      | 0.13      | 0.13      | 0.12       | 8.76    | ppb   |
| Thallium   | 205-1 | 0.15      | 0.13      | 0.14      | 0.14       | 6.00    | ppb   |
| Tin        | 118-1 | 3.71      | 3.69      | 3.75      | 3.72       | 0.76    | ppb   |
| Titanium   | 47-1  | 2.39      | 2.39      | 2.27      | 2.35       | 2.91    | ppb   |
| Uranium    | 238-1 | 0.53      | 0.52      | 0.53      | 0.53       | 0.72    | ppb   |
| Vanadium   | 51-2  | 6.54      | 6.24      | 6.13      | 6.30       | 3.39    | ppb   |
| Yttrium    | 89-1  |           |           |           | 97         |         | %     |
| Yttrium    | 89-2  |           |           |           | 87         |         | %     |
| Zinc       | 66-2  | 157.29    | 149.54    | 145.04    | 150.62     | 4.12    | ppb   |

|                         |                     |                   |                     |
|-------------------------|---------------------|-------------------|---------------------|
| LB Number :             | LB97237             | Operator :        | Jaswal              |
| Lab Sample ID :         | J4379-04            | Instrumnet Name : | P8                  |
| Client Sample ID :      | MW-106I             | Dilution Factor : | 1                   |
| Date & Time Acquired :: | 2018-08-10 17:50:12 | DataFile Name :   | 095SMPL_P8081018-MS |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|-----------|------|---------|---------|---------|------------|---------|-------|
| Zirconium | 90-1 | 0.56    | 0.50    | 0.43    | 0.50       | 12.69   | ppb   |
| Zirconium | 91-1 | 0.47    | 0.48    | 0.42    | 0.46       | 6.86    | ppb   |

|                         |                     |                   |                     |
|-------------------------|---------------------|-------------------|---------------------|
| LB Number :             | LB97237             | Operator :        | Jaswal              |
| Lab Sample ID :         | J4379-05            | Instrumnet Name : | P8                  |
| Client Sample ID :      | MW-107S             | Dilution Factor : | 1                   |
| Date & Time Acquired :: | 2018-08-10 17:53:31 | DataFile Name :   | 096SMPL_P8081018-MS |

| Parameter  | Mass  | ConRep1   | ConRep2   | ConRep3   | Avg. Conc. | ConcRSD | Units |
|------------|-------|-----------|-----------|-----------|------------|---------|-------|
| Aluminium  | 27-2  | 3.84      | 5.11      | 6.90      | 5.28       | 29.12   | ppb   |
| Antimony   | 121-1 | 2.83      | 3.16      | 3.08      | 3.03       | 5.76    | ppb   |
| Arsenic    | 75-2  | 0.82      | 0.65      | 0.65      | 0.71       | 13.47   | ppb   |
| Barium     | 135-1 | 141.79    | 147.72    | 144.27    | 144.59     | 2.06    | ppb   |
| Barium     | 137-1 | 142.42    | 149.84    | 144.50    | 145.59     | 2.63    | ppb   |
| Beryllium  | 9-1   | 0.03      | 0.06      | 0.01      | 0.03       | 76.79   | ppb   |
| Bismuth    | 209-1 |           |           |           | 100        |         | %     |
| Bismuth    | 209-2 |           |           |           | 93         |         | %     |
| Boron      | 10-1  | 405.16    | 414.38    | 405.45    | 408.33     | 1.28    | ppb   |
| Boron      | 11-1  | 399.78    | 411.70    | 405.13    | 405.54     | 1.47    | ppb   |
| Cadmium    | 111-1 | -0.07     | -0.08     | 0.12      | -0.01      |         | ppb   |
| Cadmium    | 106-1 | -1.48     | -1.32     | 1.09      | -0.57      |         | ppb   |
| Cadmium    | 108-1 | -0.04     | 0.09      | 0.05      | 0.03       | 216.43  | ppb   |
| Calcium    | 43-1  | 168441.54 | 175942.76 | 168488.41 | 170957.57  | 2.53    | ppb   |
| Calcium    | 44-1  | 167104.11 | 174509.64 | 167196.35 | 169603.37  | 2.51    | ppb   |
| Chromium   | 52-2  | 1.37      | 1.45      | 1.42      | 1.41       | 2.90    | ppb   |
| Cobalt     | 59-2  | 0.06      | 0.06      | 0.04      | 0.05       | 22.16   | ppb   |
| Copper     | 63-2  | 4.63      | 4.80      | 4.75      | 4.72       | 1.86    | ppb   |
| Dysprosium | 156-1 |           |           |           |            |         | cps   |
| Dysprosium | 156-2 |           |           |           |            |         | cps   |
| Erbium     | 164-1 |           |           |           |            |         | cps   |
| Erbium     | 164-2 |           |           |           |            |         | cps   |
| Gadolinium | 160-1 |           |           |           |            |         | cps   |
| Gadolinium | 160-2 |           |           |           |            |         | cps   |
| Holmium    | 165-1 |           |           |           | 104        |         | %     |
| Holmium    | 165-2 |           |           |           | 99         |         | %     |
| Indium     | 115-1 |           |           |           | 97         |         | %     |
| Indium     | 115-2 |           |           |           | 88         |         | %     |
| Iron       | 56-2  | 248.02    | 247.44    | 248.27    | 247.91     | 0.17    | ppb   |
| Iron       | 57-2  | 251.05    | 234.27    | 236.66    | 240.66     | 3.77    | ppb   |
| Krypton    | 83-1  |           |           |           |            |         | cps   |
| Lead       | 206-1 | 0.18      | 0.19      | 0.20      | 0.19       | 4.07    | ppb   |
| Lead       | 207-1 | 0.18      | 0.17      | 0.22      | 0.19       | 13.07   | ppb   |
| Lead       | 208-1 | 0.18      | 0.19      | 0.19      | 0.19       | 3.58    | ppb   |
| Lithium    | 6-1   |           |           |           | 123        |         | %     |
| Magnesium  | 24-2  | 45188.08  | 45133.93  | 45333.57  | 45218.53   | 0.23    | ppb   |



|                         |                     |                   |                     |
|-------------------------|---------------------|-------------------|---------------------|
| LB Number :             | LB97237             | Operator :        | Jaswal              |
| Lab Sample ID :         | J4379-05            | Instrumnet Name : | P8                  |
| Client Sample ID :      | MW-107S             | Dilution Factor : | 1                   |
| Date & Time Acquired :: | 2018-08-10 17:53:31 | DataFile Name :   | 096SMPL_P8081018-MS |

| Parameter  | Mass  | ConRep1   | ConRep2   | ConRep3   | Avg. Conc. | ConcRSD | Units |
|------------|-------|-----------|-----------|-----------|------------|---------|-------|
| Manganese  | 55-2  | 225.60    | 231.80    | 228.83    | 228.75     | 1.36    | ppb   |
| Molybdenum | 94-1  | 0.93      | 0.84      | 0.91      | 0.89       | 5.21    | ppb   |
| Molybdenum | 95-1  | 0.34      | 0.39      | 0.39      | 0.37       | 7.83    | ppb   |
| Molybdenum | 96-1  | 0.39      | 0.44      | 0.38      | 0.40       | 7.89    | ppb   |
| Molybdenum | 97-1  | 0.34      | 0.41      | 0.41      | 0.39       | 10.74   | ppb   |
| Molybdenum | 98-1  | 0.40      | 0.45      | 0.39      | 0.41       | 7.73    | ppb   |
| Neodymium  | 150-1 |           |           |           |            |         | cps   |
| Neodymium  | 150-2 |           |           |           |            |         | cps   |
| Nickel     | 60-2  | 0.56      | 0.79      | 0.50      | 0.62       | 25.05   | ppb   |
| Phosphorus | 31-2  | 283.87    | 184.82    | 82.86     | 183.85     | 54.67   | ppb   |
| Potassium  | 39-2  | 31889.98  | 32170.87  | 31952.77  | 32004.54   | 0.46    | ppb   |
| Rhodium    | 103-1 |           |           |           | 92         |         | %     |
| Rhodium    | 103-2 |           |           |           | 91         |         | %     |
| Scandium   | 45-1  |           |           |           | 90         |         | %     |
| Scandium   | 45-2  |           |           |           | 81         |         | %     |
| Selenium   | 77-2  | 0.00      | 0.00      | 0.00      | 0.00       | N/A     | ppb   |
| Selenium   | 78-2  | 0.00      | 0.00      | 2.28      | 0.76       | 173.21  | ppb   |
| Selenium   | 82-1  | 1.85      | 2.35      | 1.62      | 1.94       | 19.31   | ppb   |
| Silicon    | 28-1  | 12148.89  | 12542.65  | 12195.87  | 12295.80   | 1.75    | ppb   |
| Silver     | 109-1 | 0.15      | 0.13      | 0.15      | 0.15       | 6.50    | ppb   |
| Silver     | 107-1 | 0.14      | 0.12      | 0.12      | 0.12       | 8.44    | ppb   |
| Sodium     | 23-2  | 464673.19 | 466435.86 | 463902.80 | 465003.95  | 0.28    | ppb   |
| Strontium  | 86-1  | 1383.09   | 1432.36   | 1381.03   | 1398.83    | 2.08    | ppb   |
| Strontium  | 88-1  | 1388.48   | 1440.47   | 1388.94   | 1405.96    | 2.13    | ppb   |
| Sulfur     | 34-1  | 18416.84  | 19322.81  | 18419.58  | 18719.74   | 2.79    | ppb   |
| Terbium    | 159-1 |           |           |           | 103        |         | %     |
| Terbium    | 159-2 |           |           |           | 98         |         | %     |
| Thallium   | 203-1 | 0.08      | 0.10      | 0.09      | 0.09       | 9.67    | ppb   |
| Thallium   | 205-1 | 0.08      | 0.08      | 0.09      | 0.08       | 5.03    | ppb   |
| Tin        | 118-1 | 3.13      | 3.25      | 3.17      | 3.19       | 1.87    | ppb   |
| Titanium   | 47-1  | 1.50      | 1.38      | 1.42      | 1.43       | 4.39    | ppb   |
| Uranium    | 238-1 | 1.04      | 1.10      | 1.08      | 1.07       | 2.90    | ppb   |
| Vanadium   | 51-2  | 1.77      | 1.65      | 1.64      | 1.68       | 4.45    | ppb   |
| Yttrium    | 89-1  |           |           |           | 95         |         | %     |
| Yttrium    | 89-2  |           |           |           | 87         |         | %     |
| Zinc       | 66-2  | 22.72     | 21.83     | 23.57     | 22.71      | 3.84    | ppb   |

|                         |                     |                   |                     |
|-------------------------|---------------------|-------------------|---------------------|
| LB Number :             | LB97237             | Operator :        | Jaswal              |
| Lab Sample ID :         | J4379-05            | Instrumnet Name : | P8                  |
| Client Sample ID :      | MW-107S             | Dilution Factor : | 1                   |
| Date & Time Acquired :: | 2018-08-10 17:53:31 | DataFile Name :   | 096SMPL_P8081018-MS |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|-----------|------|---------|---------|---------|------------|---------|-------|
| Zirconium | 90-1 | 0.38    | 0.42    | 0.40    | 0.40       | 4.01    | ppb   |
| Zirconium | 91-1 | 0.38    | 0.38    | 0.38    | 0.38       | 0.73    | ppb   |

|                         |                     |                   |                     |
|-------------------------|---------------------|-------------------|---------------------|
| LB Number :             | LB97237             | Operator :        | Jaswal              |
| Lab Sample ID :         | J4379-07            | Instrumnet Name : | P8                  |
| Client Sample ID :      | FB-08082018         | Dilution Factor : | 1                   |
| Date & Time Acquired :: | 2018-08-10 17:56:51 | DataFile Name :   | 097SMPL_P8081018-MS |

| Parameter  | Mass  | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|------------|-------|---------|---------|---------|------------|---------|-------|
| Aluminium  | 27-2  | 0.11    | 0.54    | 0.97    | 0.54       | 78.96   | ppb   |
| Antimony   | 121-1 | 0.15    | 0.12    | 0.12    | 0.13       | 12.50   | ppb   |
| Arsenic    | 75-2  | -0.01   | 0.03    | -0.05   | -0.01      |         | ppb   |
| Barium     | 135-1 | 0.00    | 0.01    | 0.01    | 0.01       | 58.82   | ppb   |
| Barium     | 137-1 | 0.00    | 0.02    | 0.00    | 0.01       | 187.69  | ppb   |
| Beryllium  | 9-1   | 0.00    | -0.01   | 0.03    | 0.01       | 290.19  | ppb   |
| Bismuth    | 209-1 |         |         |         | 122        |         | %     |
| Bismuth    | 209-2 |         |         |         | 122        |         | %     |
| Boron      | 10-1  | 21.71   | 21.95   | 22.27   | 21.98      | 1.30    | ppb   |
| Boron      | 11-1  | 23.80   | 21.69   | 20.58   | 22.02      | 7.43    | ppb   |
| Cadmium    | 111-1 | 0.04    | -0.03   | -0.02   | 0.00       |         | ppb   |
| Cadmium    | 106-1 | 0.25    | -0.61   | -0.71   | -0.35      |         | ppb   |
| Cadmium    | 108-1 | -0.02   | 0.09    | 0.09    | 0.05       | 116.24  | ppb   |
| Calcium    | 43-1  | 15.81   | 4.89    | 4.11    | 8.27       | 79.11   | ppb   |
| Calcium    | 44-1  | 1.89    | 2.42    | 2.01    | 2.11       | 13.06   | ppb   |
| Chromium   | 52-2  | 0.06    | 0.01    | 0.02    | 0.03       | 91.51   | ppb   |
| Cobalt     | 59-2  | -0.02   | -0.02   | -0.02   | -0.02      |         | ppb   |
| Copper     | 63-2  | -0.23   | -0.14   | -0.27   | -0.21      |         | 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 |         |         |         | 126        |         | %     |
| Holmium    | 165-2 |         |         |         | 125        |         | %     |
| Indium     | 115-1 |         |         |         | 124        |         | %     |
| Indium     | 115-2 |         |         |         | 119        |         | %     |
| Iron       | 56-2  | 0.04    | -0.03   | -0.21   | -0.07      |         | ppb   |
| Iron       | 57-2  | -0.99   | -1.00   | -1.45   | -1.15      |         | ppb   |
| Krypton    | 83-1  |         |         |         |            |         | cps   |
| Lead       | 206-1 | 0.01    | 0.01    | 0.00    | 0.01       | 129.79  | ppb   |
| Lead       | 207-1 | 0.00    | 0.00    | 0.00    | 0.00       | 44.46   | ppb   |
| Lead       | 208-1 | 0.00    | 0.00    | 0.00    | 0.00       |         | ppb   |
| Lithium    | 6-1   |         |         |         | 122        |         | %     |
| Magnesium  | 24-2  | 6.72    | 2.45    | 1.52    | 3.56       | 77.96   | ppb   |

|                         |                     |                   |                     |
|-------------------------|---------------------|-------------------|---------------------|
| LB Number :             | LB97237             | Operator :        | Jaswal              |
| Lab Sample ID :         | J4379-07            | Instrumnet Name : | P8                  |
| Client Sample ID :      | FB-08082018         | Dilution Factor : | 1                   |
| Date & Time Acquired :: | 2018-08-10 17:56:51 | DataFile Name :   | 097SMPL_P8081018-MS |

| Parameter  | Mass  | ConRep1  | ConRep2  | ConRep3  | Avg. Conc. | ConcRSD  | Units |
|------------|-------|----------|----------|----------|------------|----------|-------|
| Manganese  | 55-2  | -0.43    | -0.40    | -0.48    | -0.43      |          | ppb   |
| Molybdenum | 94-1  | -0.01    | 0.00     | -0.01    | -0.01      |          | ppb   |
| Molybdenum | 95-1  | 0.02     | 0.01     | 0.04     | 0.02       | 62.63    | ppb   |
| Molybdenum | 96-1  | 0.03     | 0.02     | 0.03     | 0.03       | 11.15    | ppb   |
| Molybdenum | 97-1  | 0.03     | 0.05     | 0.03     | 0.04       | 21.56    | ppb   |
| Molybdenum | 98-1  | 0.04     | 0.03     | 0.03     | 0.04       | 15.58    | ppb   |
| Neodymium  | 150-1 |          |          |          |            |          | cps   |
| Neodymium  | 150-2 |          |          |          |            |          | cps   |
| Nickel     | 60-2  | -0.22    | -0.15    | -0.20    | -0.19      |          | ppb   |
| Phosphorus | 31-2  | 6.25     | -17.95   | -17.95   | -9.88      |          | ppb   |
| Potassium  | 39-2  | 0.19     | -27.57   | -11.63   | -13.01     |          | ppb   |
| Rhodium    | 103-1 |          |          |          | 123        |          | %     |
| Rhodium    | 103-2 |          |          |          | 121        |          | %     |
| Scandium   | 45-1  |          |          |          | 116        |          | %     |
| Scandium   | 45-2  |          |          |          | 113        |          | %     |
| Selenium   | 77-2  | 0.00     | 0.00     | 0.00     | 0.00       | N/A      | ppb   |
| Selenium   | 78-2  | 2.57     | 0.00     | 0.85     | 1.14       | 114.72   | ppb   |
| Selenium   | 82-1  | -0.21    | 0.48     | 0.25     | 0.17       | 204.74   | ppb   |
| Silicon    | 28-1  | -29.28   | -30.37   | -25.93   | -28.53     |          | ppb   |
| Silver     | 109-1 | 0.04     | 0.06     | 0.04     | 0.05       | 16.98    | ppb   |
| Silver     | 107-1 | 0.05     | 0.04     | 0.05     | 0.05       | 8.14     | ppb   |
| Sodium     | 23-2  | 80.69    | 67.39    | 79.07    | 75.71      | 9.59     | ppb   |
| Strontium  | 86-1  | -0.01    | -0.01    | -0.02    | -0.01      |          | ppb   |
| Strontium  | 88-1  | 0.07     | 0.05     | 0.05     | 0.06       | 12.87    | ppb   |
| Sulfur     | 34-1  | -2923.86 | -3025.33 | -2494.84 | -2814.68   |          | ppb   |
| Terbium    | 159-1 |          |          |          | 126        |          | %     |
| Terbium    | 159-2 |          |          |          | 124        |          | %     |
| Thallium   | 203-1 | 0.02     | 0.02     | 0.02     | 0.02       | 11.90    | ppb   |
| Thallium   | 205-1 | 0.03     | 0.03     | 0.02     | 0.03       | 13.87    | ppb   |
| Tin        | 118-1 | -0.14    | -0.15    | -0.12    | -0.14      |          | ppb   |
| Titanium   | 47-1  | 0.04     | -0.05    | 0.01     | 0.00       | 16955.19 | ppb   |
| Uranium    | 238-1 | 0.00     | 0.00     | 0.00     | 0.00       |          | ppb   |
| Vanadium   | 51-2  | 0.00     | 0.01     | -0.01    | 0.00       | 824.84   | ppb   |
| Yttrium    | 89-1  |          |          |          | 122        |          | %     |
| Yttrium    | 89-2  |          |          |          | 116        |          | %     |
| Zinc       | 66-2  | 8.10     | 7.13     | 8.05     | 7.76       | 7.03     | ppb   |

|                         |                     |                   |                     |
|-------------------------|---------------------|-------------------|---------------------|
| LB Number :             | LB97237             | Operator :        | Jaswal              |
| Lab Sample ID :         | J4379-07            | Instrumnet Name : | P8                  |
| Client Sample ID :      | FB-08082018         | Dilution Factor : | 1                   |
| Date & Time Acquired :: | 2018-08-10 17:56:51 | DataFile Name :   | 097SMPL_P8081018-MS |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|-----------|------|---------|---------|---------|------------|---------|-------|
| Zirconium | 90-1 | -0.02   | -0.01   | -0.02   | -0.02      |         | ppb   |
| Zirconium | 91-1 | 0.00    | 0.01    | 0.00    | 0.00       |         | ppb   |

|                         |                     |                   |                     |
|-------------------------|---------------------|-------------------|---------------------|
| LB Number :             | LB97237             | Operator :        | Jaswal              |
| Lab Sample ID :         | J4379-08            | Instrumnet Name : | P8                  |
| Client Sample ID :      | MW-106D             | Dilution Factor : | 1                   |
| Date & Time Acquired :: | 2018-08-10 18:00:12 | DataFile Name :   | 098SMPL_P8081018-MS |

| Parameter  | Mass  | ConRep1   | ConRep2   | ConRep3   | Avg. Conc. | ConcRSD | Units |
|------------|-------|-----------|-----------|-----------|------------|---------|-------|
| Aluminium  | 27-2  | 316.27    | 324.95    | 289.22    | 310.15     | 6.01    | ppb   |
| Antimony   | 121-1 | 2.40      | 2.54      | 2.68      | 2.54       | 5.60    | ppb   |
| Arsenic    | 75-2  | 13.92     | 12.60     | 14.38     | 13.63      | 6.80    | ppb   |
| Barium     | 135-1 | 57.18     | 55.17     | 54.53     | 55.63      | 2.48    | ppb   |
| Barium     | 137-1 | 56.53     | 55.46     | 54.04     | 55.34      | 2.26    | ppb   |
| Beryllium  | 9-1   | 0.07      | 0.05      | 0.11      | 0.08       | 38.27   | ppb   |
| Bismuth    | 209-1 |           |           |           | 90         |         | %     |
| Bismuth    | 209-2 |           |           |           | 84         |         | %     |
| Boron      | 10-1  | 1931.66   | 1948.14   | 1928.89   | 1936.23    | 0.54    | ppb   |
| Boron      | 11-1  | 2008.61   | 2013.14   | 2045.12   | 2022.29    | 0.98    | ppb   |
| Cadmium    | 111-1 | 0.00      | 0.04      | 0.00      | 0.01       | 226.69  | ppb   |
| Cadmium    | 106-1 | -0.36     | 0.15      | -0.36     | -0.19      |         | ppb   |
| Cadmium    | 108-1 | 0.10      | 0.23      | 0.26      | 0.20       | 43.87   | ppb   |
| Calcium    | 43-1  | 44572.29  | 43318.57  | 43205.82  | 43698.89   | 1.74    | ppb   |
| Calcium    | 44-1  | 45253.88  | 43659.68  | 43307.77  | 44073.78   | 2.35    | ppb   |
| Chromium   | 52-2  | 2.27      | 2.68      | 2.47      | 2.47       | 8.33    | ppb   |
| Cobalt     | 59-2  | 0.87      | 0.93      | 1.02      | 0.94       | 8.03    | ppb   |
| Copper     | 63-2  | 11.86     | 12.47     | 11.94     | 12.09      | 2.70    | ppb   |
| Dysprosium | 156-1 |           |           |           |            |         | cps   |
| Dysprosium | 156-2 |           |           |           |            |         | cps   |
| Erbium     | 164-1 |           |           |           |            |         | cps   |
| Erbium     | 164-2 |           |           |           |            |         | cps   |
| Gadolinium | 160-1 |           |           |           |            |         | cps   |
| Gadolinium | 160-2 |           |           |           |            |         | cps   |
| Holmium    | 165-1 |           |           |           | 96         |         | %     |
| Holmium    | 165-2 |           |           |           | 95         |         | %     |
| Indium     | 115-1 |           |           |           | 92         |         | %     |
| Indium     | 115-2 |           |           |           | 87         |         | %     |
| Iron       | 56-2  | 5380.48   | 5498.42   | 5430.30   | 5436.40    | 1.09    | ppb   |
| Iron       | 57-2  | 5264.55   | 5319.37   | 5209.03   | 5264.32    | 1.05    | ppb   |
| Krypton    | 83-1  |           |           |           |            |         | cps   |
| Lead       | 206-1 | 5.92      | 5.64      | 5.66      | 5.74       | 2.74    | ppb   |
| Lead       | 207-1 | 5.46      | 5.14      | 5.23      | 5.28       | 3.12    | ppb   |
| Lead       | 208-1 | 5.64      | 5.37      | 5.41      | 5.47       | 2.69    | ppb   |
| Lithium    | 6-1   |           |           |           | 94         |         | %     |
| Magnesium  | 24-2  | 128169.17 | 128573.94 | 128204.67 | 128315.93  | 0.17    | ppb   |

|                         |                     |                   |                     |
|-------------------------|---------------------|-------------------|---------------------|
| LB Number :             | LB97237             | Operator :        | Jaswal              |
| Lab Sample ID :         | J4379-08            | Instrumnet Name : | P8                  |
| Client Sample ID :      | MW-106D             | Dilution Factor : | 1                   |
| Date & Time Acquired :: | 2018-08-10 18:00:12 | DataFile Name :   | 098SMPL_P8081018-MS |

| Parameter  | Mass  | ConRep1    | ConRep2    | ConRep3    | Avg. Conc. | ConcRSD | Units |
|------------|-------|------------|------------|------------|------------|---------|-------|
| Manganese  | 55-2  | 1886.37    | 1901.56    | 1893.94    | 1893.96    | 0.40    | ppb   |
| Molybdenum | 94-1  | 7.49       | 6.85       | 7.12       | 7.16       | 4.45    | ppb   |
| Molybdenum | 95-1  | 9.57       | 9.22       | 9.26       | 9.35       | 2.03    | ppb   |
| Molybdenum | 96-1  | 9.28       | 8.69       | 8.80       | 8.93       | 3.50    | ppb   |
| Molybdenum | 97-1  | 9.88       | 9.30       | 9.42       | 9.53       | 3.19    | ppb   |
| Molybdenum | 98-1  | 9.55       | 9.26       | 8.95       | 9.25       | 3.28    | ppb   |
| Neodymium  | 150-1 |            |            |            |            |         | cps   |
| Neodymium  | 150-2 |            |            |            |            |         | cps   |
| Nickel     | 60-2  | 1.83       | 2.28       | 1.97       | 2.03       | 11.40   | ppb   |
| Phosphorus | 31-2  | 508.67     | 612.93     | 480.53     | 534.04     | 13.06   | ppb   |
| Potassium  | 39-2  | 76441.64   | 77651.25   | 75810.13   | 76634.34   | 1.22    | ppb   |
| Rhodium    | 103-1 |            |            |            | 88         |         | %     |
| Rhodium    | 103-2 |            |            |            | 87         |         | %     |
| Scandium   | 45-1  |            |            |            | 90         |         | %     |
| Scandium   | 45-2  |            |            |            | 87         |         | %     |
| Selenium   | 77-2  | 7.00       | 0.00       | 0.00       | 2.33       | 173.21  | ppb   |
| Selenium   | 78-2  | 0.00       | 2.25       | 3.35       | 1.87       | 91.52   | ppb   |
| Selenium   | 82-1  | 1.81       | 2.19       | 3.05       | 2.35       | 26.93   | ppb   |
| Silicon    | 28-1  | 6965.64    | 6741.11    | 6845.23    | 6850.66    | 1.64    | ppb   |
| Silver     | 109-1 | 0.26       | 0.20       | 0.19       | 0.22       | 18.61   | ppb   |
| Silver     | 107-1 | 0.27       | 0.20       | 0.17       | 0.21       | 24.55   | ppb   |
| Sodium     | 23-2  | 1930578.36 | 1961037.66 | 1910696.58 | 1934104.20 | 1.31    | ppb   |
| Strontium  | 86-1  | 891.47     | 871.01     | 875.51     | 879.33     | 1.22    | ppb   |
| Strontium  | 88-1  | 894.85     | 862.48     | 874.70     | 877.34     | 1.86    | ppb   |
| Sulfur     | 34-1  | 101229.84  | 98174.38   | 99053.47   | 99485.90   | 1.58    | ppb   |
| Terbium    | 159-1 |            |            |            | 96         |         | %     |
| Terbium    | 159-2 |            |            |            | 94         |         | %     |
| Thallium   | 203-1 | 0.08       | 0.06       | 0.06       | 0.06       | 19.58   | ppb   |
| Thallium   | 205-1 | 0.06       | 0.07       | 0.07       | 0.06       | 5.53    | ppb   |
| Tin        | 118-1 | 3.61       | 4.39       | 3.53       | 3.84       | 12.42   | ppb   |
| Titanium   | 47-1  | 15.35      | 21.98      | 12.95      | 16.76      | 27.90   | ppb   |
| Uranium    | 238-1 | 1.11       | 1.10       | 1.12       | 1.11       | 0.91    | ppb   |
| Vanadium   | 51-2  | 1.02       | 1.31       | 1.10       | 1.14       | 12.86   | ppb   |
| Yttrium    | 89-1  |            |            |            | 93         |         | %     |
| Yttrium    | 89-2  |            |            |            | 88         |         | %     |
| Zinc       | 66-2  | 183.41     | 183.19     | 182.31     | 182.97     | 0.32    | ppb   |

|                         |                     |                   |                     |
|-------------------------|---------------------|-------------------|---------------------|
| LB Number :             | LB97237             | Operator :        | Jaswal              |
| Lab Sample ID :         | J4379-08            | Instrumnet Name : | P8                  |
| Client Sample ID :      | MW-106D             | Dilution Factor : | 1                   |
| Date & Time Acquired :: | 2018-08-10 18:00:12 | DataFile Name :   | 098SMPL_P8081018-MS |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|-----------|------|---------|---------|---------|------------|---------|-------|
| Zirconium | 90-1 | 0.44    | 0.38    | 0.43    | 0.42       | 7.77    | ppb   |
| Zirconium | 91-1 | 0.45    | 0.36    | 0.45    | 0.42       | 12.93   | ppb   |



|                         |                     |                   |                     |
|-------------------------|---------------------|-------------------|---------------------|
| LB Number :             | LB97237             | Operator :        | Jaswal              |
| Lab Sample ID :         | J4379-09            | Instrumnet Name : | P8                  |
| Client Sample ID :      | MW-105S             | Dilution Factor : | 1                   |
| Date & Time Acquired :: | 2018-08-10 18:03:31 | DataFile Name :   | 099SMPL_P8081018-MS |

| Parameter  | Mass  | ConRep1  | ConRep2  | ConRep3  | Avg. Conc. | ConcRSD  | Units |
|------------|-------|----------|----------|----------|------------|----------|-------|
| Aluminium  | 27-2  | 162.82   | 162.82   | 151.44   | 159.03     | 4.13     | ppb   |
| Antimony   | 121-1 | 2.45     | 2.68     | 2.82     | 2.65       | 6.93     | ppb   |
| Arsenic    | 75-2  | 1.31     | 1.08     | 1.32     | 1.24       | 11.02    | ppb   |
| Barium     | 135-1 | 96.97    | 97.85    | 100.16   | 98.33      | 1.67     | ppb   |
| Barium     | 137-1 | 97.38    | 98.48    | 99.46    | 98.44      | 1.06     | ppb   |
| Beryllium  | 9-1   | 0.02     | 0.02     | -0.01    | 0.01       | 237.43   | ppb   |
| Bismuth    | 209-1 |          |          |          | 101        |          | %     |
| Bismuth    | 209-2 |          |          |          | 94         |          | %     |
| Boron      | 10-1  | 466.33   | 454.49   | 453.92   | 458.25     | 1.53     | ppb   |
| Boron      | 11-1  | 457.40   | 455.11   | 454.92   | 455.81     | 0.30     | ppb   |
| Cadmium    | 111-1 | 0.07     | -0.03    | -0.03    | 0.00       | 31462.00 | ppb   |
| Cadmium    | 106-1 | -0.05    | -0.91    | -1.05    | -0.67      |          | ppb   |
| Cadmium    | 108-1 | 0.12     | 0.34     | 0.08     | 0.18       | 76.71    | ppb   |
| Calcium    | 43-1  | 97303.55 | 98396.17 | 98971.44 | 98223.72   | 0.86     | ppb   |
| Calcium    | 44-1  | 96402.04 | 96725.33 | 95592.72 | 96240.03   | 0.61     | ppb   |
| Chromium   | 52-2  | 1.45     | 1.52     | 1.40     | 1.46       | 4.07     | ppb   |
| Cobalt     | 59-2  | 0.42     | 0.49     | 0.49     | 0.47       | 9.29     | ppb   |
| Copper     | 63-2  | 23.44    | 23.55    | 23.20    | 23.40      | 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 |          |          |          | 104        |          | %     |
| Holmium    | 165-2 |          |          |          | 98         |          | %     |
| Indium     | 115-1 |          |          |          | 99         |          | %     |
| Indium     | 115-2 |          |          |          | 87         |          | %     |
| Iron       | 56-2  | 2529.46  | 2567.62  | 2561.69  | 2552.92    | 0.80     | ppb   |
| Iron       | 57-2  | 2539.98  | 2549.74  | 2491.74  | 2527.15    | 1.23     | ppb   |
| Krypton    | 83-1  |          |          |          |            |          | cps   |
| Lead       | 206-1 | 7.43     | 7.50     | 7.58     | 7.50       | 1.05     | ppb   |
| Lead       | 207-1 | 6.60     | 6.73     | 6.93     | 6.75       | 2.47     | ppb   |
| Lead       | 208-1 | 6.98     | 7.07     | 7.15     | 7.07       | 1.21     | ppb   |
| Lithium    | 6-1   |          |          |          | 124        |          | %     |
| Magnesium  | 24-2  | 46207.69 | 46753.72 | 46419.63 | 46460.35   | 0.59     | ppb   |

|                         |                     |                   |                     |
|-------------------------|---------------------|-------------------|---------------------|
| LB Number :             | LB97237             | Operator :        | Jaswal              |
| Lab Sample ID :         | J4379-09            | Instrumnet Name : | P8                  |
| Client Sample ID :      | MW-105S             | Dilution Factor : | 1                   |
| Date & Time Acquired :: | 2018-08-10 18:03:31 | DataFile Name :   | 099SMPL_P8081018-MS |

| Parameter  | Mass  | ConRep1   | ConRep2   | ConRep3   | Avg. Conc. | ConcRSD | Units |
|------------|-------|-----------|-----------|-----------|------------|---------|-------|
| Manganese  | 55-2  | 253.99    | 261.83    | 258.63    | 258.15     | 1.53    | ppb   |
| Molybdenum | 94-1  | 1.11      | 0.99      | 1.02      | 1.04       | 5.94    | ppb   |
| Molybdenum | 95-1  | 0.70      | 0.63      | 0.65      | 0.66       | 5.91    | ppb   |
| Molybdenum | 96-1  | 0.72      | 0.61      | 0.70      | 0.68       | 8.24    | ppb   |
| Molybdenum | 97-1  | 0.64      | 0.70      | 0.64      | 0.66       | 4.90    | ppb   |
| Molybdenum | 98-1  | 0.67      | 0.61      | 0.66      | 0.64       | 5.17    | ppb   |
| Neodymium  | 150-1 |           |           |           |            |         | cps   |
| Neodymium  | 150-2 |           |           |           |            |         | cps   |
| Nickel     | 60-2  | 1.42      | 1.58      | 1.44      | 1.48       | 6.06    | ppb   |
| Phosphorus | 31-2  | 474.17    | 481.42    | 581.71    | 512.43     | 11.73   | ppb   |
| Potassium  | 39-2  | 33267.87  | 33830.95  | 33380.49  | 33493.10   | 0.89    | ppb   |
| Rhodium    | 103-1 |           |           |           | 94         |         | %     |
| Rhodium    | 103-2 |           |           |           | 91         |         | %     |
| Scandium   | 45-1  |           |           |           | 91         |         | %     |
| Scandium   | 45-2  |           |           |           | 82         |         | %     |
| Selenium   | 77-2  | 0.00      | 0.00      | 0.00      | 0.00       | N/A     | ppb   |
| Selenium   | 78-2  | 4.53      | 1.14      | 0.00      | 1.89       | 124.60  | ppb   |
| Selenium   | 82-1  | 2.53      | 2.49      | 2.08      | 2.36       | 10.51   | ppb   |
| Silicon    | 28-1  | 8819.52   | 8879.71   | 8832.15   | 8843.80    | 0.36    | ppb   |
| Silver     | 109-1 | 0.09      | 0.08      | 0.08      | 0.08       | 2.48    | ppb   |
| Silver     | 107-1 | 0.07      | 0.07      | 0.08      | 0.07       | 7.51    | ppb   |
| Sodium     | 23-2  | 373760.88 | 374706.23 | 370568.02 | 373011.71  | 0.58    | ppb   |
| Strontium  | 86-1  | 923.57    | 917.54    | 934.54    | 925.22     | 0.93    | ppb   |
| Strontium  | 88-1  | 918.00    | 923.03    | 944.36    | 928.46     | 1.51    | ppb   |
| Sulfur     | 34-1  | 23239.82  | 23025.01  | 22581.02  | 22948.62   | 1.46    | ppb   |
| Terbium    | 159-1 |           |           |           | 103        |         | %     |
| Terbium    | 159-2 |           |           |           | 98         |         | %     |
| Thallium   | 203-1 | 0.01      | 0.03      | 0.03      | 0.02       | 48.09   | ppb   |
| Thallium   | 205-1 | 0.03      | 0.04      | 0.04      | 0.04       | 4.06    | ppb   |
| Tin        | 118-1 | 3.05      | 3.25      | 3.30      | 3.20       | 4.03    | ppb   |
| Titanium   | 47-1  | 5.51      | 5.39      | 5.38      | 5.43       | 1.32    | ppb   |
| Uranium    | 238-1 | 0.58      | 0.57      | 0.59      | 0.58       | 1.73    | ppb   |
| Vanadium   | 51-2  | 2.63      | 2.76      | 2.79      | 2.73       | 3.18    | ppb   |
| Yttrium    | 89-1  |           |           |           | 97         |         | %     |
| Yttrium    | 89-2  |           |           |           | 87         |         | %     |
| Zinc       | 66-2  | 109.57    | 107.66    | 112.88    | 110.04     | 2.40    | ppb   |

|                         |                     |                   |                     |
|-------------------------|---------------------|-------------------|---------------------|
| LB Number :             | LB97237             | Operator :        | Jaswal              |
| Lab Sample ID :         | J4379-09            | Instrumnet Name : | P8                  |
| Client Sample ID :      | MW-105S             | Dilution Factor : | 1                   |
| Date & Time Acquired :: | 2018-08-10 18:03:31 | DataFile Name :   | 099SMPL_P8081018-MS |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|-----------|------|---------|---------|---------|------------|---------|-------|
| Zirconium | 90-1 | 0.33    | 0.31    | 0.29    | 0.31       | 6.47    | ppb   |
| Zirconium | 91-1 | 0.46    | 0.42    | 0.24    | 0.37       | 30.80   | ppb   |

|                         |                     |                   |                     |
|-------------------------|---------------------|-------------------|---------------------|
| LB Number :             | LB97237             | Operator :        | Jaswal              |
| Lab Sample ID :         | J4379-10            | Instrumnet Name : | P8                  |
| Client Sample ID :      | MW-105I             | Dilution Factor : | 1                   |
| Date & Time Acquired :: | 2018-08-10 18:06:50 | DataFile Name :   | 100SMPL_P8081018-MS |

| Parameter  | Mass  | ConRep1  | ConRep2  | ConRep3  | Avg. Conc. | ConcRSD | Units |
|------------|-------|----------|----------|----------|------------|---------|-------|
| Aluminium  | 27-2  | 84.25    | 97.86    | 92.78    | 91.63      | 7.50    | ppb   |
| Antimony   | 121-1 | 3.00     | 3.09     | 3.16     | 3.08       | 2.57    | ppb   |
| Arsenic    | 75-2  | 12.31    | 12.23    | 12.40    | 12.31      | 0.66    | ppb   |
| Barium     | 135-1 | 77.65    | 77.80    | 79.23    | 78.23      | 1.12    | ppb   |
| Barium     | 137-1 | 78.12    | 76.55    | 78.31    | 77.66      | 1.25    | ppb   |
| Beryllium  | 9-1   | 0.02     | -0.01    | 0.01     | 0.01       | 239.33  | ppb   |
| Bismuth    | 209-1 |          |          |          | 104        |         | %     |
| Bismuth    | 209-2 |          |          |          | 94         |         | %     |
| Boron      | 10-1  | 302.91   | 319.96   | 325.65   | 316.17     | 3.74    | ppb   |
| Boron      | 11-1  | 306.34   | 322.04   | 318.03   | 315.47     | 2.58    | ppb   |
| Cadmium    | 111-1 | -0.04    | -0.05    | -0.02    | -0.04      |         | ppb   |
| Cadmium    | 106-1 | -1.01    | -1.07    | -0.73    | -0.93      |         | ppb   |
| Cadmium    | 108-1 | 0.18     | 0.21     | 0.11     | 0.17       | 28.58   | ppb   |
| Calcium    | 43-1  | 14904.29 | 14844.35 | 14761.65 | 14836.77   | 0.48    | ppb   |
| Calcium    | 44-1  | 15071.29 | 14963.47 | 14966.45 | 15000.40   | 0.41    | ppb   |
| Chromium   | 52-2  | 1.20     | 1.17     | 1.17     | 1.18       | 1.57    | ppb   |
| Cobalt     | 59-2  | 0.20     | 0.22     | 0.19     | 0.21       | 8.30    | ppb   |
| Copper     | 63-2  | 16.47    | 16.91    | 16.84    | 16.74      | 1.41    | ppb   |
| Dysprosium | 156-1 |          |          |          |            |         | cps   |
| Dysprosium | 156-2 |          |          |          |            |         | cps   |
| Erbium     | 164-1 |          |          |          |            |         | cps   |
| Erbium     | 164-2 |          |          |          |            |         | cps   |
| Gadolinium | 160-1 |          |          |          |            |         | cps   |
| Gadolinium | 160-2 |          |          |          |            |         | cps   |
| Holmium    | 165-1 |          |          |          | 105        |         | %     |
| Holmium    | 165-2 |          |          |          | 97         |         | %     |
| Indium     | 115-1 |          |          |          | 100        |         | %     |
| Indium     | 115-2 |          |          |          | 87         |         | %     |
| Iron       | 56-2  | 2709.59  | 2741.82  | 2665.26  | 2705.56    | 1.42    | ppb   |
| Iron       | 57-2  | 2619.87  | 2719.51  | 2639.01  | 2659.46    | 1.99    | ppb   |
| Krypton    | 83-1  |          |          |          |            |         | cps   |
| Lead       | 206-1 | 6.27     | 6.40     | 6.32     | 6.33       | 1.08    | ppb   |
| Lead       | 207-1 | 5.79     | 5.86     | 5.81     | 5.82       | 0.58    | ppb   |
| Lead       | 208-1 | 5.97     | 6.07     | 5.99     | 6.01       | 0.89    | ppb   |
| Lithium    | 6-1   |          |          |          | 125        |         | %     |
| Magnesium  | 24-2  | 18527.89 | 18607.95 | 18107.25 | 18414.37   | 1.46    | ppb   |

|                         |                     |                   |                     |
|-------------------------|---------------------|-------------------|---------------------|
| LB Number :             | LB97237             | Operator :        | Jaswal              |
| Lab Sample ID :         | J4379-10            | Instrumnet Name : | P8                  |
| Client Sample ID :      | MW-105I             | Dilution Factor : | 1                   |
| Date & Time Acquired :: | 2018-08-10 18:06:50 | DataFile Name :   | 100SMPL_P8081018-MS |

| Parameter  | Mass  | ConRep1   | ConRep2   | ConRep3   | Avg. Conc. | ConcRSD | Units |
|------------|-------|-----------|-----------|-----------|------------|---------|-------|
| Manganese  | 55-2  | 30.67     | 31.34     | 30.23     | 30.74      | 1.82    | ppb   |
| Molybdenum | 94-1  | 7.94      | 8.15      | 7.96      | 8.02       | 1.42    | ppb   |
| Molybdenum | 95-1  | 11.06     | 11.27     | 11.43     | 11.25      | 1.65    | ppb   |
| Molybdenum | 96-1  | 10.93     | 10.79     | 10.65     | 10.79      | 1.31    | ppb   |
| Molybdenum | 97-1  | 10.93     | 11.39     | 11.34     | 11.22      | 2.27    | ppb   |
| Molybdenum | 98-1  | 11.31     | 11.43     | 11.39     | 11.37      | 0.52    | ppb   |
| Neodymium  | 150-1 |           |           |           |            |         | cps   |
| Neodymium  | 150-2 |           |           |           |            |         | cps   |
| Nickel     | 60-2  | 1.10      | 1.28      | 1.22      | 1.20       | 7.83    | ppb   |
| Phosphorus | 31-2  | 652.90    | 730.63    | 544.94    | 642.82     | 14.51   | ppb   |
| Potassium  | 39-2  | 29369.47  | 29522.59  | 28563.27  | 29151.78   | 1.77    | ppb   |
| Rhodium    | 103-1 |           |           |           | 96         |         | %     |
| Rhodium    | 103-2 |           |           |           | 92         |         | %     |
| Scandium   | 45-1  |           |           |           | 90         |         | %     |
| Scandium   | 45-2  |           |           |           | 81         |         | %     |
| Selenium   | 77-2  | 0.00      | 7.42      | 0.00      | 2.47       | 173.21  | ppb   |
| Selenium   | 78-2  | 0.00      | 1.18      | 1.15      | 0.78       | 86.63   | ppb   |
| Selenium   | 82-1  | 1.84      | 0.80      | 1.10      | 1.25       | 42.77   | ppb   |
| Silicon    | 28-1  | 3541.71   | 3522.38   | 3477.41   | 3513.83    | 0.94    | ppb   |
| Silver     | 109-1 | 0.08      | 0.07      | 0.07      | 0.07       | 10.69   | ppb   |
| Silver     | 107-1 | 0.08      | 0.08      | 0.07      | 0.08       | 3.72    | ppb   |
| Sodium     | 23-2  | 177924.00 | 177838.93 | 172686.70 | 176149.87  | 1.70    | ppb   |
| Strontium  | 86-1  | 286.80    | 290.75    | 289.17    | 288.91     | 0.69    | ppb   |
| Strontium  | 88-1  | 296.69    | 301.49    | 293.54    | 297.24     | 1.35    | ppb   |
| Sulfur     | 34-1  | 9806.85   | 9772.47   | 9438.60   | 9672.64    | 2.10    | ppb   |
| Terbium    | 159-1 |           |           |           | 104        |         | %     |
| Terbium    | 159-2 |           |           |           | 97         |         | %     |
| Thallium   | 203-1 | 0.04      | 0.04      | 0.04      | 0.04       | 1.34    | ppb   |
| Thallium   | 205-1 | 0.06      | 0.05      | 0.05      | 0.05       | 14.73   | ppb   |
| Tin        | 118-1 | 2.93      | 2.93      | 2.79      | 2.88       | 2.97    | ppb   |
| Titanium   | 47-1  | 3.86      | 3.21      | 4.32      | 3.80       | 14.76   | ppb   |
| Uranium    | 238-1 | 0.61      | 0.58      | 0.58      | 0.59       | 2.28    | ppb   |
| Vanadium   | 51-2  | 4.16      | 4.08      | 3.80      | 4.01       | 4.79    | ppb   |
| Yttrium    | 89-1  |           |           |           | 98         |         | %     |
| Yttrium    | 89-2  |           |           |           | 86         |         | %     |
| Zinc       | 66-2  | 181.88    | 183.48    | 184.51    | 183.29     | 0.72    | ppb   |

|                         |                     |                   |                     |
|-------------------------|---------------------|-------------------|---------------------|
| LB Number :             | LB97237             | Operator :        | Jaswal              |
| Lab Sample ID :         | J4379-10            | Instrumnet Name : | P8                  |
| Client Sample ID :      | MW-105I             | Dilution Factor : | 1                   |
| Date & Time Acquired :: | 2018-08-10 18:06:50 | DataFile Name :   | 100SMPL_P8081018-MS |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|-----------|------|---------|---------|---------|------------|---------|-------|
| Zirconium | 90-1 | 0.15    | 0.16    | 0.15    | 0.15       | 3.35    | ppb   |
| Zirconium | 91-1 | 0.12    | 0.19    | 0.11    | 0.14       | 29.70   | ppb   |

|                         |                     |                   |                      |
|-------------------------|---------------------|-------------------|----------------------|
| LB Number :             | LB97237             | Operator :        | Jaswal               |
| Lab Sample ID :         | CCV97               | Instrumnet Name : | P8                   |
| Client Sample ID :      | CCV97               | Dilution Factor : | 1                    |
| Date & Time Acquired :: | 2018-08-10 18:34:12 | DataFile Name :   | 102CCV_P8081018-MS.I |

| Parameter  | Mass  | ConRep1   | ConRep2   | ConRep3   | Avg. Conc. | ConcRSD | Units |
|------------|-------|-----------|-----------|-----------|------------|---------|-------|
| Aluminium  | 27-2  | 53129.42  | 52786.88  | 52151.73  | 52689.34   | 0.94    | ppb   |
| Antimony   | 121-1 | 495.50    | 488.98    | 476.90    | 487.12     | 1.94    | ppb   |
| Arsenic    | 75-2  | 481.15    | 494.81    | 477.75    | 484.57     | 1.86    | ppb   |
| Barium     | 135-1 | 2528.82   | 2478.90   | 2445.34   | 2484.35    | 1.69    | ppb   |
| Barium     | 137-1 | 2506.25   | 2458.68   | 2418.42   | 2461.12    | 1.79    | ppb   |
| Beryllium  | 9-1   | 495.60    | 485.69    | 479.10    | 486.80     | 1.71    | ppb   |
| Bismuth    | 209-1 |           |           |           | 102        |         | %     |
| Bismuth    | 209-2 |           |           |           | 101        |         | %     |
| Boron      | 10-1  | 479.74    | 476.54    | 482.08    | 479.45     | 0.58    | ppb   |
| Boron      | 11-1  | 480.77    | 488.19    | 495.46    | 488.14     | 1.50    | ppb   |
| Cadmium    | 111-1 | 480.56    | 474.55    | 463.81    | 472.97     | 1.79    | ppb   |
| Cadmium    | 106-1 | 493.50    | 483.27    | 474.25    | 483.67     | 1.99    | ppb   |
| Cadmium    | 108-1 | 483.46    | 480.65    | 470.65    | 478.25     | 1.41    | ppb   |
| Calcium    | 43-1  | 239865.25 | 245758.83 | 233063.45 | 239562.51  | 2.65    | ppb   |
| Calcium    | 44-1  | 239724.53 | 243072.20 | 232746.29 | 238514.34  | 2.21    | ppb   |
| Chromium   | 52-2  | 521.79    | 514.40    | 516.39    | 517.53     | 0.74    | ppb   |
| Cobalt     | 59-2  | 498.79    | 492.69    | 489.12    | 493.53     | 0.99    | ppb   |
| Copper     | 63-2  | 979.01    | 966.05    | 958.64    | 967.90     | 1.07    | ppb   |
| Dysprosium | 156-1 |           |           |           |            |         | cps   |
| Dysprosium | 156-2 |           |           |           |            |         | cps   |
| Erbium     | 164-1 |           |           |           |            |         | cps   |
| Erbium     | 164-2 |           |           |           |            |         | cps   |
| Gadolinium | 160-1 |           |           |           |            |         | cps   |
| Gadolinium | 160-2 |           |           |           |            |         | cps   |
| Holmium    | 165-1 |           |           |           | 108        |         | %     |
| Holmium    | 165-2 |           |           |           | 109        |         | %     |
| Indium     | 115-1 |           |           |           | 103        |         | %     |
| Indium     | 115-2 |           |           |           | 100        |         | %     |
| Iron       | 56-2  | 133164.32 | 131722.83 | 130092.16 | 131659.77  | 1.17    | ppb   |
| Iron       | 57-2  | 133168.71 | 133557.85 | 132071.77 | 132932.78  | 0.58    | ppb   |
| Krypton    | 83-1  |           |           |           |            |         | cps   |
| Lead       | 206-1 | 522.91    | 513.09    | 507.57    | 514.52     | 1.51    | ppb   |
| Lead       | 207-1 | 520.34    | 515.51    | 505.54    | 513.80     | 1.47    | ppb   |
| Lead       | 208-1 | 519.26    | 511.14    | 501.69    | 510.70     | 1.72    | ppb   |
| Lithium    | 6-1   |           |           |           | 104        |         | %     |
| Magnesium  | 24-2  | 255817.35 | 253952.82 | 250503.31 | 253424.49  | 1.06    | ppb   |

|                         |                     |                   |                      |
|-------------------------|---------------------|-------------------|----------------------|
| LB Number :             | LB97237             | Operator :        | Jaswal               |
| Lab Sample ID :         | CCV97               | Instrumnet Name : | P8                   |
| Client Sample ID :      | CCV97               | Dilution Factor : | 1                    |
| Date & Time Acquired :: | 2018-08-10 18:34:12 | DataFile Name :   | 102CCV_P8081018-MS.I |

| Parameter  | Mass  | ConRep1   | ConRep2   | ConRep3   | Avg. Conc. | ConcRSD | Units |
|------------|-------|-----------|-----------|-----------|------------|---------|-------|
| Manganese  | 55-2  | 1004.47   | 998.64    | 982.07    | 995.06     | 1.17    | ppb   |
| Molybdenum | 94-1  | 2568.33   | 2534.75   | 2480.79   | 2527.95    | 1.75    | ppb   |
| Molybdenum | 95-1  | 2528.10   | 2525.20   | 2487.37   | 2513.56    | 0.90    | ppb   |
| Molybdenum | 96-1  | 2535.22   | 2526.47   | 2475.66   | 2512.45    | 1.28    | ppb   |
| Molybdenum | 97-1  | 2550.79   | 2536.00   | 2480.33   | 2522.37    | 1.47    | ppb   |
| Molybdenum | 98-1  | 2554.04   | 2534.29   | 2484.94   | 2524.43    | 1.41    | ppb   |
| Neodymium  | 150-1 |           |           |           |            |         | cps   |
| Neodymium  | 150-2 |           |           |           |            |         | cps   |
| Nickel     | 60-2  | 506.86    | 502.69    | 499.33    | 502.96     | 0.75    | ppb   |
| Phosphorus | 31-2  | 9778.52   | 10316.49  | 9532.83   | 9875.95    | 4.06    | ppb   |
| Potassium  | 39-2  | 126367.69 | 125027.32 | 122317.37 | 124570.79  | 1.66    | ppb   |
| Rhodium    | 103-1 |           |           |           | 99         |         | %     |
| Rhodium    | 103-2 |           |           |           | 98         |         | %     |
| Scandium   | 45-1  |           |           |           | 104        |         | %     |
| Scandium   | 45-2  |           |           |           | 101        |         | %     |
| Selenium   | 77-2  | 397.72    | 467.96    | 546.25    | 470.64     | 15.79   | ppb   |
| Selenium   | 78-2  | 446.76    | 444.68    | 422.84    | 438.09     | 3.02    | ppb   |
| Selenium   | 82-1  | 496.22    | 490.70    | 483.08    | 490.00     | 1.35    | ppb   |
| Silicon    | 28-1  | 522.58    | 541.60    | 510.85    | 525.01     | 2.96    | ppb   |
| Silver     | 109-1 | 495.63    | 487.30    | 478.79    | 487.24     | 1.73    | ppb   |
| Silver     | 107-1 | 494.48    | 485.36    | 478.15    | 486.00     | 1.68    | ppb   |
| Sodium     | 23-2  | 254019.40 | 253272.37 | 251314.59 | 252868.79  | 0.55    | ppb   |
| Strontium  | 86-1  | 498.59    | 494.90    | 482.50    | 492.00     | 1.71    | ppb   |
| Strontium  | 88-1  | 509.64    | 507.54    | 494.97    | 504.05     | 1.57    | ppb   |
| Sulfur     | 34-1  | 8959.78   | 9206.59   | 8257.74   | 8808.03    | 5.59    | ppb   |
| Terbium    | 159-1 |           |           |           | 108        |         | %     |
| Terbium    | 159-2 |           |           |           | 108        |         | %     |
| Thallium   | 203-1 | 526.62    | 511.15    | 500.76    | 512.85     | 2.54    | ppb   |
| Thallium   | 205-1 | 512.76    | 506.73    | 499.56    | 506.35     | 1.31    | ppb   |
| Tin        | 118-1 | 497.76    | 494.31    | 496.77    | 496.28     | 0.36    | ppb   |
| Titanium   | 47-1  | 2552.77   | 2517.22   | 2430.70   | 2500.23    | 2.51    | ppb   |
| Uranium    | 238-1 | 514.34    | 508.80    | 496.39    | 506.51     | 1.82    | ppb   |
| Vanadium   | 51-2  | 507.32    | 507.46    | 500.90    | 505.23     | 0.74    | ppb   |
| Yttrium    | 89-1  |           |           |           | 104        |         | %     |
| Yttrium    | 89-2  |           |           |           | 102        |         | %     |
| Zinc       | 66-2  | 963.85    | 968.28    | 964.18    | 965.44     | 0.26    | ppb   |



|                         |                     |                   |                      |
|-------------------------|---------------------|-------------------|----------------------|
| LB Number :             | LB97237             | Operator :        | Jaswal               |
| Lab Sample ID :         | CCV97               | Instrumnet Name : | P8                   |
| Client Sample ID :      | CCV97               | Dilution Factor : | 1                    |
| Date & Time Acquired :: | 2018-08-10 18:34:12 | DataFile Name :   | 102CCV_P8081018-MS.I |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|-----------|------|---------|---------|---------|------------|---------|-------|
| Zirconium | 90-1 | 512.59  | 509.61  | 499.12  | 507.11     | 1.40    | ppb   |
| Zirconium | 91-1 | 512.60  | 509.60  | 496.48  | 506.23     | 1.69    | ppb   |

|                         |                     |                   |                     |
|-------------------------|---------------------|-------------------|---------------------|
| LB Number :             | LB97237             | Operator :        | Jaswal              |
| Lab Sample ID :         | CCB97               | Instrumnet Name : | P8                  |
| Client Sample ID :      | CCB97               | Dilution Factor : | 1                   |
| Date & Time Acquired :: | 2018-08-10 18:41:47 | DataFile Name :   | 103CCBE_P8081018-MS |

| Parameter  | Mass  | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|------------|-------|---------|---------|---------|------------|---------|-------|
| Aluminium  | 27-2  | 4.31    | -0.16   | 5.34    | 3.16       | 92.53   | ppb   |
| Antimony   | 121-1 | 0.34    | 0.37    | 0.37    | 0.36       | 5.68    | ppb   |
| Arsenic    | 75-2  | -0.07   | 0.02    | -0.05   | -0.03      |         | ppb   |
| Barium     | 135-1 | 0.00    | -0.01   | -0.01   | -0.01      |         | ppb   |
| Barium     | 137-1 | -0.01   | 0.01    | 0.00    | 0.00       | 737.33  | ppb   |
| Beryllium  | 9-1   | 0.17    | 0.12    | 0.13    | 0.14       | 19.82   | ppb   |
| Bismuth    | 209-1 |         |         |         | 103        |         | %     |
| Bismuth    | 209-2 |         |         |         | 106        |         | %     |
| Boron      | 10-1  | 14.07   | 13.37   | 13.24   | 13.56      | 3.29    | ppb   |
| Boron      | 11-1  | 14.14   | 13.45   | 13.11   | 13.57      | 3.89    | ppb   |
| Cadmium    | 111-1 | 0.02    | 0.05    | -0.06   | 0.00       | 1412.77 | ppb   |
| Cadmium    | 106-1 | 0.07    | 0.55    | -0.94   | -0.11      |         | ppb   |
| Cadmium    | 108-1 | -0.01   | 0.02    | 0.06    | 0.02       | 166.79  | ppb   |
| Calcium    | 43-1  | 2.98    | 4.38    | 13.33   | 6.90       | 81.43   | ppb   |
| Calcium    | 44-1  | -5.23   | -7.72   | -2.28   | -5.07      |         | ppb   |
| Chromium   | 52-2  | -0.01   | 0.03    | -0.01   | 0.00       | 548.45  | ppb   |
| Cobalt     | 59-2  | 0.00    | -0.01   | -0.01   | -0.01      |         | ppb   |
| Copper     | 63-2  | -0.60   | -0.56   | -0.64   | -0.60      |         | ppb   |
| Dysprosium | 156-1 |         |         |         |            |         | cps   |
| Dysprosium | 156-2 |         |         |         |            |         | cps   |
| Erbium     | 164-1 |         |         |         |            |         | cps   |
| Erbium     | 164-2 |         |         |         |            |         | cps   |
| Gadolinium | 160-1 |         |         |         |            |         | cps   |
| Gadolinium | 160-2 |         |         |         |            |         | cps   |
| Holmium    | 165-1 |         |         |         | 102        |         | %     |
| Holmium    | 165-2 |         |         |         | 106        |         | %     |
| Indium     | 115-1 |         |         |         | 102        |         | %     |
| Indium     | 115-2 |         |         |         | 103        |         | %     |
| Iron       | 56-2  | 2.38    | 2.15    | 2.58    | 2.37       | 9.07    | ppb   |
| Iron       | 57-2  | 0.19    | -0.83   | 3.76    | 1.04       | 232.00  | ppb   |
| Krypton    | 83-1  |         |         |         |            |         | cps   |
| Lead       | 206-1 | 0.02    | 0.03    | 0.04    | 0.03       | 30.18   | ppb   |
| Lead       | 207-1 | 0.03    | 0.01    | 0.02    | 0.02       | 38.00   | ppb   |
| Lead       | 208-1 | 0.02    | 0.02    | 0.02    | 0.02       | 15.42   | ppb   |
| Lithium    | 6-1   |         |         |         | 101        |         | %     |
| Magnesium  | 24-2  | 2.41    | 9.14    | 3.84    | 5.13       | 69.08   | ppb   |

|                         |                     |                   |                     |
|-------------------------|---------------------|-------------------|---------------------|
| LB Number :             | LB97237             | Operator :        | Jaswal              |
| Lab Sample ID :         | CCB97               | Instrumnet Name : | P8                  |
| Client Sample ID :      | CCB97               | Dilution Factor : | 1                   |
| Date & Time Acquired :: | 2018-08-10 18:41:47 | DataFile Name :   | 103CCBE_P8081018-M5 |

| Parameter  | Mass  | ConRep1  | ConRep2  | ConRep3 | Avg. Conc. | ConcRSD | Units |
|------------|-------|----------|----------|---------|------------|---------|-------|
| Manganese  | 55-2  | -0.43    | -0.35    | -0.41   | -0.40      |         | ppb   |
| Molybdenum | 94-1  | 0.35     | 0.33     | 0.42    | 0.37       | 12.43   | ppb   |
| Molybdenum | 95-1  | 0.25     | 0.23     | 0.32    | 0.27       | 17.84   | ppb   |
| Molybdenum | 96-1  | 0.25     | 0.27     | 0.28    | 0.27       | 6.60    | ppb   |
| Molybdenum | 97-1  | 0.31     | 0.21     | 0.29    | 0.27       | 20.43   | ppb   |
| Molybdenum | 98-1  | 0.26     | 0.26     | 0.25    | 0.26       | 0.48    | ppb   |
| Neodymium  | 150-1 |          |          |         |            |         | cps   |
| Neodymium  | 150-2 |          |          |         |            |         | cps   |
| Nickel     | 60-2  | -0.21    | -0.21    | -0.13   | -0.18      |         | ppb   |
| Phosphorus | 31-2  | -17.95   | -17.95   | 9.52    | -8.79      |         | ppb   |
| Potassium  | 39-2  | -5.88    | -2.48    | -2.32   | -3.56      |         | ppb   |
| Rhodium    | 103-1 |          |          |         | 101        |         | %     |
| Rhodium    | 103-2 |          |          |         | 104        |         | %     |
| Scandium   | 45-1  |          |          |         | 101        |         | %     |
| Scandium   | 45-2  |          |          |         | 99         |         | %     |
| Selenium   | 77-2  | 18.51    | 0.00     | 0.00    | 6.17       | 173.21  | ppb   |
| Selenium   | 78-2  | 0.00     | 1.97     | 1.95    | 1.31       | 86.61   | ppb   |
| Selenium   | 82-1  | -0.24    | -0.26    | -0.48   | -0.33      |         | ppb   |
| Silicon    | 28-1  | -8.57    | -10.49   | -0.32   | -6.46      |         | ppb   |
| Silver     | 109-1 | 0.04     | 0.03     | 0.03    | 0.03       | 8.06    | ppb   |
| Silver     | 107-1 | 0.04     | 0.03     | 0.03    | 0.04       | 13.58   | ppb   |
| Sodium     | 23-2  | 44.55    | 36.65    | 43.40   | 41.53      | 10.28   | ppb   |
| Strontium  | 86-1  | -0.03    | -0.03    | -0.01   | -0.02      |         | ppb   |
| Strontium  | 88-1  | 0.00     | 0.00     | 0.01    | 0.00       | 41.34   | ppb   |
| Sulfur     | 34-1  | -1027.19 | -1211.02 | 117.97  | -706.75    |         | ppb   |
| Terbium    | 159-1 |          |          |         | 102        |         | %     |
| Terbium    | 159-2 |          |          |         | 106        |         | %     |
| Thallium   | 203-1 | 0.05     | 0.04     | 0.05    | 0.04       | 9.56    | ppb   |
| Thallium   | 205-1 | 0.04     | 0.04     | 0.05    | 0.05       | 7.39    | ppb   |
| Tin        | 118-1 | 0.07     | 0.10     | 0.18    | 0.12       | 48.83   | ppb   |
| Titanium   | 47-1  | 0.05     | -0.02    | -0.02   | 0.00       | 2753.15 | ppb   |
| Uranium    | 238-1 | 0.00     | 0.00     | 0.00    | 0.00       |         | ppb   |
| Vanadium   | 51-2  | 0.00     | 0.00     | 0.01    | 0.00       | 292.85  | ppb   |
| Yttrium    | 89-1  |          |          |         | 102        |         | %     |
| Yttrium    | 89-2  |          |          |         | 101        |         | %     |
| Zinc       | 66-2  | 0.10     | 0.60     | 0.79    | 0.50       | 72.68   | ppb   |

|                         |                     |                   |                     |
|-------------------------|---------------------|-------------------|---------------------|
| LB Number :             | LB97237             | Operator :        | Jaswal              |
| Lab Sample ID :         | CCB97               | Instrumnet Name : | P8                  |
| Client Sample ID :      | CCB97               | Dilution Factor : | 1                   |
| Date & Time Acquired :: | 2018-08-10 18:41:47 | DataFile Name :   | 103CCBE_P8081018-MS |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|-----------|------|---------|---------|---------|------------|---------|-------|
| Zirconium | 90-1 | 0.14    | 0.10    | 0.14    | 0.13       | 15.92   | ppb   |
| Zirconium | 91-1 | 0.10    | 0.14    | 0.16    | 0.13       | 21.83   | ppb   |

|                         |                     |                   |                     |
|-------------------------|---------------------|-------------------|---------------------|
| LB Number :             | LB97237             | Operator :        | Jaswal              |
| Lab Sample ID :         | J4379-11            | Instrumnet Name : | P8                  |
| Client Sample ID :      | MW-105D             | Dilution Factor : | 1                   |
| Date & Time Acquired :: | 2018-08-10 18:45:07 | DataFile Name :   | 104SMPL_P8081018-MS |

| Parameter  | Mass  | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|------------|-------|---------|---------|---------|------------|---------|-------|
| Aluminium  | 27-2  | 31.74   | 19.70   | 25.69   | 25.71      | 23.43   | ppb   |
| Antimony   | 121-1 | 3.74    | 3.73    | 3.80    | 3.76       | 1.06    | ppb   |
| Arsenic    | 75-2  | 0.65    | 0.73    | 1.07    | 0.82       | 26.97   | ppb   |
| Barium     | 135-1 | 9.65    | 9.72    | 9.32    | 9.56       | 2.27    | ppb   |
| Barium     | 137-1 | 9.77    | 9.92    | 9.89    | 9.86       | 0.77    | ppb   |
| Beryllium  | 9-1   | 0.05    | 0.07    | 0.07    | 0.06       | 22.27   | ppb   |
| Bismuth    | 209-1 |         |         |         | 104        |         | %     |
| Bismuth    | 209-2 |         |         |         | 95         |         | %     |
| Boron      | 10-1  | 59.48   | 56.82   | 55.11   | 57.14      | 3.86    | ppb   |
| Boron      | 11-1  | 57.48   | 55.37   | 55.62   | 56.16      | 2.06    | ppb   |
| Cadmium    | 111-1 | 0.06    | 0.02    | 0.01    | 0.03       | 92.03   | ppb   |
| Cadmium    | 106-1 | -0.95   | -0.84   | -1.01   | -0.93      |         | ppb   |
| Cadmium    | 108-1 | 0.32    | 0.25    | 0.12    | 0.23       | 44.49   | ppb   |
| Calcium    | 43-1  | 4170.20 | 4012.84 | 4135.09 | 4106.04    | 2.01    | ppb   |
| Calcium    | 44-1  | 4076.53 | 4008.18 | 4026.02 | 4036.91    | 0.88    | ppb   |
| Chromium   | 52-2  | 1.63    | 1.73    | 1.91    | 1.76       | 8.27    | ppb   |
| Cobalt     | 59-2  | 0.30    | 0.25    | 0.34    | 0.30       | 15.54   | ppb   |
| Copper     | 63-2  | 11.86   | 12.64   | 12.12   | 12.21      | 3.23    | ppb   |
| Dysprosium | 156-1 |         |         |         |            |         | cps   |
| Dysprosium | 156-2 |         |         |         |            |         | cps   |
| Erbium     | 164-1 |         |         |         |            |         | cps   |
| Erbium     | 164-2 |         |         |         |            |         | cps   |
| Gadolinium | 160-1 |         |         |         |            |         | cps   |
| Gadolinium | 160-2 |         |         |         |            |         | cps   |
| Holmium    | 165-1 |         |         |         | 102        |         | %     |
| Holmium    | 165-2 |         |         |         | 95         |         | %     |
| Indium     | 115-1 |         |         |         | 98         |         | %     |
| Indium     | 115-2 |         |         |         | 86         |         | %     |
| Iron       | 56-2  | 263.19  | 268.85  | 267.09  | 266.37     | 1.09    | ppb   |
| Iron       | 57-2  | 281.06  | 258.16  | 269.94  | 269.72     | 4.25    | ppb   |
| Krypton    | 83-1  |         |         |         |            |         | cps   |
| Lead       | 206-1 | 2.06    | 2.07    | 2.04    | 2.06       | 0.64    | ppb   |
| Lead       | 207-1 | 1.94    | 1.79    | 1.86    | 1.87       | 4.05    | ppb   |
| Lead       | 208-1 | 1.96    | 1.92    | 1.92    | 1.93       | 1.08    | ppb   |
| Lithium    | 6-1   |         |         |         | 115        |         | %     |
| Magnesium  | 24-2  | 2740.76 | 2748.15 | 2712.59 | 2733.84    | 0.69    | ppb   |

|                         |                     |                   |                     |
|-------------------------|---------------------|-------------------|---------------------|
| LB Number :             | LB97237             | Operator :        | Jaswal              |
| Lab Sample ID :         | J4379-11            | Instrumnet Name : | P8                  |
| Client Sample ID :      | MW-105D             | Dilution Factor : | 1                   |
| Date & Time Acquired :: | 2018-08-10 18:45:07 | DataFile Name :   | 104SMPL_P8081018-MS |

| Parameter  | Mass  | ConRep1  | ConRep2  | ConRep3  | Avg. Conc. | ConcRSD | Units |
|------------|-------|----------|----------|----------|------------|---------|-------|
| Manganese  | 55-2  | 6.68     | 6.75     | 7.09     | 6.84       | 3.20    | ppb   |
| Molybdenum | 94-1  | 1.73     | 1.56     | 1.51     | 1.60       | 7.37    | ppb   |
| Molybdenum | 95-1  | 0.84     | 0.79     | 0.75     | 0.79       | 5.52    | ppb   |
| Molybdenum | 96-1  | 1.00     | 0.82     | 0.82     | 0.88       | 11.63   | ppb   |
| Molybdenum | 97-1  | 0.82     | 0.78     | 0.67     | 0.76       | 9.90    | ppb   |
| Molybdenum | 98-1  | 0.78     | 0.88     | 0.88     | 0.84       | 7.03    | ppb   |
| Neodymium  | 150-1 |          |          |          |            |         | cps   |
| Neodymium  | 150-2 |          |          |          |            |         | cps   |
| Nickel     | 60-2  | 1.94     | 1.86     | 1.93     | 1.91       | 2.13    | ppb   |
| Phosphorus | 31-2  | 82.32    | 51.19    | -17.95   | 38.52      | 133.22  | ppb   |
| Potassium  | 39-2  | 91169.35 | 93017.38 | 92181.62 | 92122.78   | 1.00    | ppb   |
| Rhodium    | 103-1 |          |          |          | 95         |         | %     |
| Rhodium    | 103-2 |          |          |          | 90         |         | %     |
| Scandium   | 45-1  |          |          |          | 89         |         | %     |
| Scandium   | 45-2  |          |          |          | 80         |         | %     |
| Selenium   | 77-2  | 0.00     | 7.44     | 7.43     | 4.95       | 86.60   | ppb   |
| Selenium   | 78-2  | 2.36     | 1.19     | 3.56     | 2.37       | 50.09   | ppb   |
| Selenium   | 82-1  | 0.58     | 0.03     | 0.10     | 0.24       | 125.96  | ppb   |
| Silicon    | 28-1  | 1730.54  | 1736.44  | 1712.70  | 1726.56    | 0.72    | ppb   |
| Silver     | 109-1 | 0.48     | 0.39     | 0.30     | 0.39       | 22.79   | ppb   |
| Silver     | 107-1 | 0.48     | 0.39     | 0.32     | 0.40       | 19.50   | ppb   |
| Sodium     | 23-2  | 42806.86 | 43925.08 | 42330.23 | 43020.72   | 1.90    | ppb   |
| Strontium  | 86-1  | 292.95   | 293.42   | 292.15   | 292.84     | 0.22    | ppb   |
| Strontium  | 88-1  | 298.25   | 298.98   | 296.91   | 298.05     | 0.35    | ppb   |
| Sulfur     | 34-1  | 1866.03  | 1462.55  | 1309.52  | 1546.04    | 18.60   | ppb   |
| Terbium    | 159-1 |          |          |          | 101        |         | %     |
| Terbium    | 159-2 |          |          |          | 95         |         | %     |
| Thallium   | 203-1 | 0.26     | 0.20     | 0.16     | 0.21       | 25.62   | ppb   |
| Thallium   | 205-1 | 0.28     | 0.21     | 0.17     | 0.22       | 25.18   | ppb   |
| Tin        | 118-1 | 3.20     | 3.30     | 3.14     | 3.22       | 2.51    | ppb   |
| Titanium   | 47-1  | 0.95     | 0.97     | 0.92     | 0.95       | 2.97    | ppb   |
| Uranium    | 238-1 | 0.39     | 0.41     | 0.40     | 0.40       | 2.46    | ppb   |
| Vanadium   | 51-2  | 2.67     | 2.84     | 2.96     | 2.83       | 5.22    | ppb   |
| Yttrium    | 89-1  |          |          |          | 95         |         | %     |
| Yttrium    | 89-2  |          |          |          | 84         |         | %     |
| Zinc       | 66-2  | 68.01    | 73.96    | 70.58    | 70.85      | 4.21    | ppb   |

|                         |                     |                   |                     |
|-------------------------|---------------------|-------------------|---------------------|
| LB Number :             | LB97237             | Operator :        | Jaswal              |
| Lab Sample ID :         | J4379-11            | Instrumnet Name : | P8                  |
| Client Sample ID :      | MW-105D             | Dilution Factor : | 1                   |
| Date & Time Acquired :: | 2018-08-10 18:45:07 | DataFile Name :   | 104SMPL_P8081018-MS |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|-----------|------|---------|---------|---------|------------|---------|-------|
| Zirconium | 90-1 | 0.80    | 0.66    | 0.64    | 0.70       | 12.50   | ppb   |
| Zirconium | 91-1 | 0.77    | 0.70    | 0.61    | 0.69       | 11.21   | ppb   |

|                         |                     |                   |                     |
|-------------------------|---------------------|-------------------|---------------------|
| LB Number :             | LB97237             | Operator :        | Jaswal              |
| Lab Sample ID :         | J4379-12            | Instrumnet Name : | P8                  |
| Client Sample ID :      | MW-103S             | Dilution Factor : | 1                   |
| Date & Time Acquired :: | 2018-08-10 18:48:27 | DataFile Name :   | 105SMPL_P8081018-MS |

| Parameter  | Mass  | ConRep1   | ConRep2   | ConRep3   | Avg. Conc. | ConcRSD | Units |
|------------|-------|-----------|-----------|-----------|------------|---------|-------|
| Aluminium  | 27-2  | 171.76    | 173.03    | 180.18    | 174.99     | 2.60    | ppb   |
| Antimony   | 121-1 | 2.11      | 2.06      | 2.22      | 2.13       | 3.90    | ppb   |
| Arsenic    | 75-2  | 1.96      | 1.97      | 1.80      | 1.91       | 5.18    | ppb   |
| Barium     | 135-1 | 234.57    | 237.17    | 234.81    | 235.52     | 0.61    | ppb   |
| Barium     | 137-1 | 234.07    | 233.66    | 235.72    | 234.48     | 0.46    | ppb   |
| Beryllium  | 9-1   | 0.07      | 0.11      | 0.07      | 0.08       | 23.44   | ppb   |
| Bismuth    | 209-1 |           |           |           | 90         |         | %     |
| Bismuth    | 209-2 |           |           |           | 89         |         | %     |
| Boron      | 10-1  | 1125.17   | 1141.47   | 1188.18   | 1151.61    | 2.84    | ppb   |
| Boron      | 11-1  | 1138.63   | 1157.32   | 1199.48   | 1165.14    | 2.68    | ppb   |
| Cadmium    | 111-1 | -0.02     | -0.08     | 0.06      | -0.01      |         | ppb   |
| Cadmium    | 106-1 | -0.92     | -1.18     | 0.58      | -0.51      |         | ppb   |
| Cadmium    | 108-1 | 0.16      | 0.20      | 0.19      | 0.18       | 9.79    | ppb   |
| Calcium    | 43-1  | 96586.37  | 96235.91  | 94083.83  | 95635.37   | 1.42    | ppb   |
| Calcium    | 44-1  | 94351.88  | 93283.89  | 93510.52  | 93715.43   | 0.60    | ppb   |
| Chromium   | 52-2  | 1.35      | 1.23      | 1.28      | 1.29       | 4.60    | ppb   |
| Cobalt     | 59-2  | 0.42      | 0.38      | 0.39      | 0.40       | 5.65    | ppb   |
| Copper     | 63-2  | 3.43      | 3.40      | 3.47      | 3.43       | 1.03    | ppb   |
| Dysprosium | 156-1 |           |           |           |            |         | cps   |
| Dysprosium | 156-2 |           |           |           |            |         | cps   |
| Erbium     | 164-1 |           |           |           |            |         | cps   |
| Erbium     | 164-2 |           |           |           |            |         | cps   |
| Gadolinium | 160-1 |           |           |           |            |         | cps   |
| Gadolinium | 160-2 |           |           |           |            |         | cps   |
| Holmium    | 165-1 |           |           |           | 97         |         | %     |
| Holmium    | 165-2 |           |           |           | 98         |         | %     |
| Indium     | 115-1 |           |           |           | 91         |         | %     |
| Indium     | 115-2 |           |           |           | 88         |         | %     |
| Iron       | 56-2  | 1127.88   | 1113.71   | 1113.61   | 1118.40    | 0.73    | ppb   |
| Iron       | 57-2  | 1083.04   | 1125.78   | 1158.94   | 1122.59    | 3.39    | ppb   |
| Krypton    | 83-1  |           |           |           |            |         | cps   |
| Lead       | 206-1 | 3.85      | 3.82      | 3.85      | 3.84       | 0.49    | ppb   |
| Lead       | 207-1 | 3.57      | 3.60      | 3.52      | 3.56       | 1.22    | ppb   |
| Lead       | 208-1 | 3.67      | 3.69      | 3.66      | 3.68       | 0.47    | ppb   |
| Lithium    | 6-1   |           |           |           | 96         |         | %     |
| Magnesium  | 24-2  | 153937.02 | 153336.86 | 153249.43 | 153507.77  | 0.24    | ppb   |



|                         |                     |                   |                     |
|-------------------------|---------------------|-------------------|---------------------|
| LB Number :             | LB97237             | Operator :        | Jaswal              |
| Lab Sample ID :         | J4379-12            | Instrumnet Name : | P8                  |
| Client Sample ID :      | MW-103S             | Dilution Factor : | 1                   |
| Date & Time Acquired :: | 2018-08-10 18:48:27 | DataFile Name :   | 105SMPL_P8081018-MS |

| Parameter  | Mass  | ConRep1    | ConRep2    | ConRep3    | Avg. Conc. | ConcRSD | Units |
|------------|-------|------------|------------|------------|------------|---------|-------|
| Manganese  | 55-2  | 189.09     | 187.61     | 185.24     | 187.31     | 1.04    | ppb   |
| Molybdenum | 94-1  | 2.79       | 2.40       | 2.20       | 2.47       | 12.08   | ppb   |
| Molybdenum | 95-1  | 0.76       | 0.74       | 0.73       | 0.74       | 2.06    | ppb   |
| Molybdenum | 96-1  | 1.05       | 0.98       | 0.95       | 1.00       | 4.94    | ppb   |
| Molybdenum | 97-1  | 0.80       | 0.94       | 0.91       | 0.88       | 8.38    | ppb   |
| Molybdenum | 98-1  | 0.77       | 0.80       | 0.85       | 0.81       | 5.37    | ppb   |
| Neodymium  | 150-1 |            |            |            |            |         | cps   |
| Neodymium  | 150-2 |            |            |            |            |         | cps   |
| Nickel     | 60-2  | 1.10       | 0.98       | 0.93       | 1.00       | 8.59    | ppb   |
| Phosphorus | 31-2  | 806.71     | 819.65     | 630.90     | 752.42     | 14.01   | ppb   |
| Potassium  | 39-2  | 85399.80   | 84958.53   | 84542.57   | 84966.97   | 0.50    | ppb   |
| Rhodium    | 103-1 |            |            |            | 87         |         | %     |
| Rhodium    | 103-2 |            |            |            | 89         |         | %     |
| Scandium   | 45-1  |            |            |            | 90         |         | %     |
| Scandium   | 45-2  |            |            |            | 87         |         | %     |
| Selenium   | 77-2  | 0.00       | 6.85       | 6.86       | 4.57       | 86.60   | ppb   |
| Selenium   | 78-2  | 1.13       | 2.18       | 1.09       | 1.47       | 42.18   | ppb   |
| Selenium   | 82-1  | 4.73       | 4.87       | 5.31       | 4.97       | 6.12    | ppb   |
| Silicon    | 28-1  | 8061.35    | 7994.35    | 7964.09    | 8006.60    | 0.62    | ppb   |
| Silver     | 109-1 | 0.25       | 0.18       | 0.15       | 0.19       | 25.08   | ppb   |
| Silver     | 107-1 | 0.23       | 0.16       | 0.13       | 0.17       | 29.82   | ppb   |
| Sodium     | 23-2  | 1846378.58 | 1854975.46 | 1836083.87 | 1845812.64 | 0.51    | ppb   |
| Strontium  | 86-1  | 2125.51    | 2148.40    | 2177.78    | 2150.56    | 1.22    | ppb   |
| Strontium  | 88-1  | 2190.00    | 2172.81    | 2224.48    | 2195.77    | 1.20    | ppb   |
| Sulfur     | 34-1  | 1159.44    | 996.37     | 864.43     | 1006.75    | 14.68   | ppb   |
| Terbium    | 159-1 |            |            |            | 97         |         | %     |
| Terbium    | 159-2 |            |            |            | 97         |         | %     |
| Thallium   | 203-1 | 0.04       | 0.05       | 0.03       | 0.04       | 29.39   | ppb   |
| Thallium   | 205-1 | 0.05       | 0.05       | 0.07       | 0.06       | 18.20   | ppb   |
| Tin        | 118-1 | 4.41       | 4.33       | 4.38       | 4.37       | 0.91    | ppb   |
| Titanium   | 47-1  | 8.22       | 8.24       | 12.35      | 9.60       | 24.78   | ppb   |
| Uranium    | 238-1 | 0.03       | 0.03       | 0.03       | 0.03       | 4.14    | ppb   |
| Vanadium   | 51-2  | 3.79       | 3.85       | 3.46       | 3.70       | 5.66    | ppb   |
| Yttrium    | 89-1  |            |            |            | 93         |         | %     |
| Yttrium    | 89-2  |            |            |            | 90         |         | %     |
| Zinc       | 66-2  | 22.19      | 21.79      | 24.70      | 22.89      | 6.90    | ppb   |

|                         |                     |                   |                     |
|-------------------------|---------------------|-------------------|---------------------|
| LB Number :             | LB97237             | Operator :        | Jaswal              |
| Lab Sample ID :         | J4379-12            | Instrumnet Name : | P8                  |
| Client Sample ID :      | MW-103S             | Dilution Factor : | 1                   |
| Date & Time Acquired :: | 2018-08-10 18:48:27 | DataFile Name :   | 105SMPL_P8081018-MS |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|-----------|------|---------|---------|---------|------------|---------|-------|
| Zirconium | 90-1 | 1.40    | 1.18    | 1.22    | 1.27       | 9.01    | ppb   |
| Zirconium | 91-1 | 1.34    | 1.38    | 1.11    | 1.27       | 11.45   | ppb   |

|                         |                     |                   |                     |
|-------------------------|---------------------|-------------------|---------------------|
| LB Number :             | LB97237             | Operator :        | Jaswal              |
| Lab Sample ID :         | J4379-12DUP         | Instrumnet Name : | P8                  |
| Client Sample ID :      | MW-103SDUP          | Dilution Factor : | 1                   |
| Date & Time Acquired :: | 2018-08-10 18:51:45 | DataFile Name :   | 106SMPL_P8081018-MS |

| Parameter  | Mass  | ConRep1   | ConRep2   | ConRep3   | Avg. Conc. | ConcRSD | Units |
|------------|-------|-----------|-----------|-----------|------------|---------|-------|
| Aluminium  | 27-2  | 159.84    | 192.37    | 182.42    | 178.21     | 9.35    | ppb   |
| Antimony   | 121-1 | 2.21      | 2.17      | 2.17      | 2.18       | 1.11    | ppb   |
| Arsenic    | 75-2  | 1.52      | 1.73      | 2.12      | 1.79       | 17.07   | ppb   |
| Barium     | 135-1 | 249.32    | 236.16    | 233.88    | 239.78     | 3.48    | ppb   |
| Barium     | 137-1 | 250.03    | 238.51    | 233.29    | 240.61     | 3.56    | ppb   |
| Beryllium  | 9-1   | 0.03      | 0.11      | 0.06      | 0.07       | 57.76   | ppb   |
| Bismuth    | 209-1 |           |           |           | 93         |         | %     |
| Bismuth    | 209-2 |           |           |           | 88         |         | %     |
| Boron      | 10-1  | 1219.12   | 1207.82   | 1210.34   | 1212.42    | 0.49    | ppb   |
| Boron      | 11-1  | 1238.18   | 1219.97   | 1234.22   | 1230.79    | 0.78    | ppb   |
| Cadmium    | 111-1 | 0.10      | -0.03     | -0.03     | 0.01       | 657.28  | ppb   |
| Cadmium    | 106-1 | 0.92      | -0.51     | -0.75     | -0.11      |         | ppb   |
| Cadmium    | 108-1 | 0.09      | 0.18      | 0.18      | 0.15       | 32.67   | ppb   |
| Calcium    | 43-1  | 103773.65 | 97317.59  | 95376.07  | 98822.43   | 4.45    | ppb   |
| Calcium    | 44-1  | 100777.84 | 95422.71  | 94006.02  | 96735.52   | 3.69    | ppb   |
| Chromium   | 52-2  | 1.36      | 1.17      | 1.23      | 1.25       | 7.58    | ppb   |
| Cobalt     | 59-2  | 0.48      | 0.40      | 0.44      | 0.44       | 9.35    | ppb   |
| Copper     | 63-2  | 3.55      | 3.56      | 3.65      | 3.58       | 1.48    | ppb   |
| Dysprosium | 156-1 |           |           |           |            |         | cps   |
| Dysprosium | 156-2 |           |           |           |            |         | cps   |
| Erbium     | 164-1 |           |           |           |            |         | cps   |
| Erbium     | 164-2 |           |           |           |            |         | cps   |
| Gadolinium | 160-1 |           |           |           |            |         | cps   |
| Gadolinium | 160-2 |           |           |           |            |         | cps   |
| Holmium    | 165-1 |           |           |           | 100        |         | %     |
| Holmium    | 165-2 |           |           |           | 97         |         | %     |
| Indium     | 115-1 |           |           |           | 94         |         | %     |
| Indium     | 115-2 |           |           |           | 87         |         | %     |
| Iron       | 56-2  | 1153.99   | 1117.63   | 1123.37   | 1131.66    | 1.73    | ppb   |
| Iron       | 57-2  | 1181.69   | 1147.11   | 1152.77   | 1160.52    | 1.60    | ppb   |
| Krypton    | 83-1  |           |           |           |            |         | cps   |
| Lead       | 206-1 | 4.01      | 4.01      | 3.93      | 3.98       | 1.17    | ppb   |
| Lead       | 207-1 | 3.81      | 3.71      | 3.62      | 3.71       | 2.62    | ppb   |
| Lead       | 208-1 | 3.90      | 3.78      | 3.74      | 3.81       | 2.25    | ppb   |
| Lithium    | 6-1   |           |           |           | 100        |         | %     |
| Magnesium  | 24-2  | 157914.92 | 154836.00 | 155117.74 | 155956.22  | 1.09    | ppb   |

|                         |                     |                   |                     |
|-------------------------|---------------------|-------------------|---------------------|
| LB Number :             | LB97237             | Operator :        | Jaswal              |
| Lab Sample ID :         | J4379-12DUP         | Instrumnet Name : | P8                  |
| Client Sample ID :      | MW-103SDUP          | Dilution Factor : | 1                   |
| Date & Time Acquired :: | 2018-08-10 18:51:45 | DataFile Name :   | 106SMPL_P8081018-MS |

| Parameter  | Mass  | ConRep1    | ConRep2    | ConRep3    | Avg. Conc. | ConcRSD | Units |
|------------|-------|------------|------------|------------|------------|---------|-------|
| Manganese  | 55-2  | 194.02     | 189.73     | 193.13     | 192.29     | 1.18    | ppb   |
| Molybdenum | 94-1  | 2.17       | 1.94       | 1.81       | 1.97       | 9.36    | ppb   |
| Molybdenum | 95-1  | 0.89       | 0.79       | 0.79       | 0.82       | 6.79    | ppb   |
| Molybdenum | 96-1  | 0.93       | 0.90       | 0.92       | 0.92       | 1.60    | ppb   |
| Molybdenum | 97-1  | 0.93       | 0.91       | 0.80       | 0.88       | 7.87    | ppb   |
| Molybdenum | 98-1  | 0.89       | 0.86       | 0.76       | 0.84       | 8.28    | ppb   |
| Neodymium  | 150-1 |            |            |            |            |         | cps   |
| Neodymium  | 150-2 |            |            |            |            |         | cps   |
| Nickel     | 60-2  | 1.17       | 0.96       | 1.09       | 1.07       | 9.91    | ppb   |
| Phosphorus | 31-2  | 725.65     | 715.40     | 362.05     | 601.03     | 34.45   | ppb   |
| Potassium  | 39-2  | 87066.90   | 85109.16   | 85534.24   | 85903.43   | 1.20    | ppb   |
| Rhodium    | 103-1 |            |            |            | 90         |         | %     |
| Rhodium    | 103-2 |            |            |            | 88         |         | %     |
| Scandium   | 45-1  |            |            |            | 92         |         | %     |
| Scandium   | 45-2  |            |            |            | 85         |         | %     |
| Selenium   | 77-2  | 0.00       | 7.08       | 7.01       | 4.70       | 86.61   | ppb   |
| Selenium   | 78-2  | 0.00       | 0.00       | 0.00       | 0.00       | N/A     | ppb   |
| Selenium   | 82-1  | 5.92       | 4.12       | 6.14       | 5.39       | 20.50   | ppb   |
| Silicon    | 28-1  | 8713.69    | 8160.73    | 8132.20    | 8335.54    | 3.93    | ppb   |
| Silver     | 109-1 | 0.11       | 0.09       | 0.09       | 0.10       | 9.63    | ppb   |
| Silver     | 107-1 | 0.09       | 0.10       | 0.08       | 0.09       | 13.27   | ppb   |
| Sodium     | 23-2  | 1912233.32 | 1860823.76 | 1867007.27 | 1880021.45 | 1.49    | ppb   |
| Strontium  | 86-1  | 2320.78    | 2192.45    | 2171.15    | 2228.13    | 3.63    | ppb   |
| Strontium  | 88-1  | 2354.66    | 2221.67    | 2188.77    | 2255.03    | 3.89    | ppb   |
| Sulfur     | 34-1  | 1844.63    | 914.60     | 776.03     | 1178.42    | 49.31   | ppb   |
| Terbium    | 159-1 |            |            |            | 100        |         | %     |
| Terbium    | 159-2 |            |            |            | 96         |         | %     |
| Thallium   | 203-1 | 0.02       | 0.03       | 0.04       | 0.03       | 25.08   | ppb   |
| Thallium   | 205-1 | 0.03       | 0.04       | 0.04       | 0.04       | 20.01   | ppb   |
| Tin        | 118-1 | 4.19       | 4.14       | 3.97       | 4.10       | 2.78    | ppb   |
| Titanium   | 47-1  | 8.16       | 9.34       | 8.65       | 8.72       | 6.81    | ppb   |
| Uranium    | 238-1 | 0.03       | 0.03       | 0.03       | 0.03       | 9.58    | ppb   |
| Vanadium   | 51-2  | 3.98       | 3.79       | 3.59       | 3.79       | 5.12    | ppb   |
| Yttrium    | 89-1  |            |            |            | 96         |         | %     |
| Yttrium    | 89-2  |            |            |            | 88         |         | %     |
| Zinc       | 66-2  | 21.30      | 19.84      | 22.50      | 21.21      | 6.29    | ppb   |

|                         |                     |                   |                     |
|-------------------------|---------------------|-------------------|---------------------|
| LB Number :             | LB97237             | Operator :        | Jaswal              |
| Lab Sample ID :         | J4379-12DUP         | Instrumnet Name : | P8                  |
| Client Sample ID :      | MW-103SDUP          | Dilution Factor : | 1                   |
| Date & Time Acquired :: | 2018-08-10 18:51:45 | DataFile Name :   | 106SMPL_P8081018-MS |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|-----------|------|---------|---------|---------|------------|---------|-------|
| Zirconium | 90-1 | 0.97    | 0.85    | 0.86    | 0.89       | 7.31    | ppb   |
| Zirconium | 91-1 | 1.00    | 0.85    | 0.90    | 0.92       | 8.43    | ppb   |

|                         |                     |                   |                     |
|-------------------------|---------------------|-------------------|---------------------|
| LB Number :             | LB97237             | Operator :        | Jaswal              |
| Lab Sample ID :         | J4379-12LX5         | Instrumnet Name : | P8                  |
| Client Sample ID :      | MW-103SL            | Dilution Factor : | 5                   |
| Date & Time Acquired :: | 2018-08-10 18:55:04 | DataFile Name :   | 107SMPL_P8081018-MS |

| Parameter  | Mass  | ConRep1  | ConRep2  | ConRep3  | Avg. Conc. | ConcRSD | Units |
|------------|-------|----------|----------|----------|------------|---------|-------|
| Aluminium  | 27-2  | 33.05    | 47.16    | 48.47    | 42.89      | 19.94   | ppb   |
| Antimony   | 121-1 | 0.50     | 0.44     | 0.45     | 0.46       | 6.83    | ppb   |
| Arsenic    | 75-2  | 0.25     | 0.18     | 0.16     | 0.20       | 24.41   | ppb   |
| Barium     | 135-1 | 44.62    | 45.24    | 44.05    | 44.64      | 1.34    | ppb   |
| Barium     | 137-1 | 46.18    | 45.26    | 45.47    | 45.64      | 1.06    | ppb   |
| Beryllium  | 9-1   | 0.04     | 0.03     | 0.07     | 0.05       | 39.60   | ppb   |
| Bismuth    | 209-1 |          |          |          | 108        |         | %     |
| Bismuth    | 209-2 |          |          |          | 103        |         | %     |
| Boron      | 10-1  | 254.67   | 253.43   | 261.74   | 256.62     | 1.75    | ppb   |
| Boron      | 11-1  | 259.11   | 259.74   | 265.41   | 261.42     | 1.33    | ppb   |
| Cadmium    | 111-1 | -0.08    | 0.06     | 0.09     | 0.02       | 425.38  | ppb   |
| Cadmium    | 106-1 | -1.08    | 0.75     | 1.23     | 0.30       | 405.23  | ppb   |
| Cadmium    | 108-1 | 0.08     | 0.08     | -0.01    | 0.05       | 113.76  | ppb   |
| Calcium    | 43-1  | 18133.79 | 18129.44 | 18085.64 | 18116.29   | 0.15    | ppb   |
| Calcium    | 44-1  | 17842.31 | 18315.87 | 18157.64 | 18105.27   | 1.33    | ppb   |
| Chromium   | 52-2  | 0.13     | 0.24     | 0.15     | 0.17       | 32.21   | ppb   |
| Cobalt     | 59-2  | 0.07     | 0.04     | 0.05     | 0.06       | 19.65   | ppb   |
| Copper     | 63-2  | 0.27     | 0.46     | 0.44     | 0.39       | 26.94   | 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 |          |          |          | 111        |         | %     |
| Holmium    | 165-2 |          |          |          | 108        |         | %     |
| Indium     | 115-1 |          |          |          | 107        |         | %     |
| Indium     | 115-2 |          |          |          | 99         |         | %     |
| Iron       | 56-2  | 219.74   | 231.58   | 220.21   | 223.84     | 3.00    | ppb   |
| Iron       | 57-2  | 227.52   | 251.40   | 230.74   | 236.55     | 5.48    | ppb   |
| Krypton    | 83-1  |          |          |          |            |         | cps   |
| Lead       | 206-1 | 0.70     | 0.74     | 0.71     | 0.72       | 2.50    | ppb   |
| Lead       | 207-1 | 0.66     | 0.66     | 0.66     | 0.66       | 0.52    | ppb   |
| Lead       | 208-1 | 0.69     | 0.69     | 0.68     | 0.69       | 0.92    | ppb   |
| Lithium    | 6-1   |          |          |          | 110        |         | %     |
| Magnesium  | 24-2  | 29617.18 | 31824.04 | 29605.74 | 30348.99   | 4.21    | ppb   |

|                         |                     |                   |                     |
|-------------------------|---------------------|-------------------|---------------------|
| LB Number :             | LB97237             | Operator :        | Jaswal              |
| Lab Sample ID :         | J4379-12LX5         | Instrumnet Name : | P8                  |
| Client Sample ID :      | MW-103SL            | Dilution Factor : | 5                   |
| Date & Time Acquired :: | 2018-08-10 18:55:04 | DataFile Name :   | 107SMPL_P8081018-MS |

| Parameter  | Mass  | ConRep1   | ConRep2   | ConRep3   | Avg. Conc. | ConcRSD | Units |
|------------|-------|-----------|-----------|-----------|------------|---------|-------|
| Manganese  | 55-2  | 35.75     | 38.32     | 37.06     | 37.04      | 3.47    | ppb   |
| Molybdenum | 94-1  | 0.32      | 0.26      | 0.29      | 0.29       | 10.97   | ppb   |
| Molybdenum | 95-1  | 0.18      | 0.19      | 0.14      | 0.17       | 17.51   | ppb   |
| Molybdenum | 96-1  | 0.13      | 0.14      | 0.17      | 0.15       | 15.97   | ppb   |
| Molybdenum | 97-1  | 0.21      | 0.21      | 0.18      | 0.20       | 7.58    | ppb   |
| Molybdenum | 98-1  | 0.14      | 0.15      | 0.17      | 0.15       | 11.91   | ppb   |
| Neodymium  | 150-1 |           |           |           |            |         | cps   |
| Neodymium  | 150-2 |           |           |           |            |         | cps   |
| Nickel     | 60-2  | -0.10     | 0.04      | 0.18      | 0.04       | 330.99  | ppb   |
| Phosphorus | 31-2  | 150.58    | 223.57    | 68.27     | 147.47     | 52.68   | ppb   |
| Potassium  | 39-2  | 16519.21  | 17581.37  | 16613.47  | 16904.68   | 3.48    | ppb   |
| Rhodium    | 103-1 |           |           |           | 103        |         | %     |
| Rhodium    | 103-2 |           |           |           | 100        |         | %     |
| Scandium   | 45-1  |           |           |           | 103        |         | %     |
| Scandium   | 45-2  |           |           |           | 94         |         | %     |
| Selenium   | 77-2  | 0.00      | 0.00      | 0.00      | 0.00       | N/A     | ppb   |
| Selenium   | 78-2  | 1.97      | 1.06      | 0.00      | 1.01       | 97.73   | ppb   |
| Selenium   | 82-1  | 3.72      | 3.28      | 2.25      | 3.08       | 24.52   | ppb   |
| Silicon    | 28-1  | 1548.75   | 1568.02   | 1538.30   | 1551.69    | 0.97    | ppb   |
| Silver     | 109-1 | 0.04      | 0.03      | 0.03      | 0.03       | 14.31   | ppb   |
| Silver     | 107-1 | 0.03      | 0.04      | 0.03      | 0.03       | 21.55   | ppb   |
| Sodium     | 23-2  | 354679.42 | 384695.65 | 363079.39 | 367484.82  | 4.21    | ppb   |
| Strontium  | 86-1  | 410.88    | 411.51    | 414.81    | 412.40     | 0.51    | ppb   |
| Strontium  | 88-1  | 422.55    | 421.86    | 420.30    | 421.57     | 0.27    | ppb   |
| Sulfur     | 34-1  | -906.86   | -752.26   | -1037.57  | -898.90    |         | ppb   |
| Terbium    | 159-1 |           |           |           | 111        |         | %     |
| Terbium    | 159-2 |           |           |           | 107        |         | %     |
| Thallium   | 203-1 | 0.00      | 0.00      | -0.01     | 0.00       |         | ppb   |
| Thallium   | 205-1 | 0.01      | 0.00      | 0.00      | 0.00       | 241.37  | ppb   |
| Tin        | 118-1 | 0.58      | 0.65      | 0.60      | 0.61       | 5.99    | ppb   |
| Titanium   | 47-1  | 1.94      | 1.52      | 1.35      | 1.60       | 19.04   | ppb   |
| Uranium    | 238-1 | 0.01      | 0.00      | 0.00      | 0.00       | 70.37   | ppb   |
| Vanadium   | 51-2  | 0.65      | 0.67      | 0.70      | 0.68       | 4.22    | ppb   |
| Yttrium    | 89-1  |           |           |           | 107        |         | %     |
| Yttrium    | 89-2  |           |           |           | 98         |         | %     |
| Zinc       | 66-2  | 4.33      | 5.10      | 4.87      | 4.77       | 8.19    | ppb   |

|                         |                     |                   |                     |
|-------------------------|---------------------|-------------------|---------------------|
| LB Number :             | LB97237             | Operator :        | Jaswal              |
| Lab Sample ID :         | J4379-12LX5         | Instrumnet Name : | P8                  |
| Client Sample ID :      | MW-103SL            | Dilution Factor : | 5                   |
| Date & Time Acquired :: | 2018-08-10 18:55:04 | DataFile Name :   | 107SMPL_P8081018-MS |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|-----------|------|---------|---------|---------|------------|---------|-------|
| Zirconium | 90-1 | 0.13    | 0.14    | 0.12    | 0.13       | 9.77    | ppb   |
| Zirconium | 91-1 | 0.17    | 0.10    | 0.12    | 0.13       | 28.34   | ppb   |



|                         |                     |                   |                     |
|-------------------------|---------------------|-------------------|---------------------|
| LB Number :             | LB97237             | Operator :        | Jaswal              |
| Lab Sample ID :         | J4379-13            | Instrumnet Name : | P8                  |
| Client Sample ID :      | MW-103SMS           | Dilution Factor : | 1                   |
| Date & Time Acquired :: | 2018-08-10 18:58:23 | DataFile Name :   | 108SMPL_P8081018-MS |

| Parameter  | Mass  | ConRep1   | ConRep2   | ConRep3   | Avg. Conc. | ConcRSD | Units |
|------------|-------|-----------|-----------|-----------|------------|---------|-------|
| Aluminium  | 27-2  | 9201.13   | 9104.98   | 9084.41   | 9130.17    | 0.68    | ppb   |
| Antimony   | 121-1 | 457.83    | 455.75    | 455.90    | 456.49     | 0.25    | ppb   |
| Arsenic    | 75-2  | 459.82    | 444.94    | 445.11    | 449.95     | 1.90    | ppb   |
| Barium     | 135-1 | 2514.89   | 2486.16   | 2441.03   | 2480.70    | 1.50    | ppb   |
| Barium     | 137-1 | 2468.21   | 2479.30   | 2476.85   | 2474.79    | 0.24    | ppb   |
| Beryllium  | 9-1   | 424.24    | 419.62    | 413.82    | 419.23     | 1.24    | ppb   |
| Bismuth    | 209-1 |           |           |           | 98         |         | %     |
| Bismuth    | 209-2 |           |           |           | 85         |         | %     |
| Boron      | 10-1  | 1532.50   | 1553.57   | 1572.45   | 1552.84    | 1.29    | ppb   |
| Boron      | 11-1  | 1574.39   | 1578.61   | 1599.47   | 1584.15    | 0.85    | ppb   |
| Cadmium    | 111-1 | 425.71    | 425.47    | 425.49    | 425.56     | 0.03    | ppb   |
| Cadmium    | 106-1 | 434.74    | 435.52    | 435.42    | 435.23     | 0.10    | ppb   |
| Cadmium    | 108-1 | 435.87    | 436.67    | 435.35    | 435.96     | 0.15    | ppb   |
| Calcium    | 43-1  | 138382.94 | 136062.15 | 135732.96 | 136726.01  | 1.06    | ppb   |
| Calcium    | 44-1  | 134338.55 | 134146.70 | 133819.25 | 134101.50  | 0.20    | ppb   |
| Chromium   | 52-2  | 484.48    | 478.48    | 474.04    | 479.00     | 1.09    | ppb   |
| Cobalt     | 59-2  | 480.82    | 478.39    | 471.90    | 477.04     | 0.97    | ppb   |
| Copper     | 63-2  | 963.12    | 961.55    | 946.97    | 957.21     | 0.93    | ppb   |
| Dysprosium | 156-1 |           |           |           |            |         | cps   |
| Dysprosium | 156-2 |           |           |           |            |         | cps   |
| Erbium     | 164-1 |           |           |           |            |         | cps   |
| Erbium     | 164-2 |           |           |           |            |         | cps   |
| Gadolinium | 160-1 |           |           |           |            |         | cps   |
| Gadolinium | 160-2 |           |           |           |            |         | cps   |
| Holmium    | 165-1 |           |           |           | 106        |         | %     |
| Holmium    | 165-2 |           |           |           | 97         |         | %     |
| Indium     | 115-1 |           |           |           | 98         |         | %     |
| Indium     | 115-2 |           |           |           | 84         |         | %     |
| Iron       | 56-2  | 26132.43  | 25994.47  | 25166.49  | 25764.46   | 2.03    | ppb   |
| Iron       | 57-2  | 25866.82  | 25669.01  | 25108.94  | 25548.26   | 1.54    | ppb   |
| Krypton    | 83-1  |           |           |           |            |         | cps   |
| Lead       | 206-1 | 488.68    | 493.76    | 494.15    | 492.20     | 0.62    | ppb   |
| Lead       | 207-1 | 479.73    | 480.01    | 481.94    | 480.56     | 0.25    | ppb   |
| Lead       | 208-1 | 480.67    | 483.55    | 482.97    | 482.39     | 0.32    | ppb   |
| Lithium    | 6-1   |           |           |           | 101        |         | %     |
| Magnesium  | 24-2  | 193670.98 | 191264.40 | 188242.33 | 191059.24  | 1.42    | ppb   |

|                         |                     |                   |                     |
|-------------------------|---------------------|-------------------|---------------------|
| LB Number :             | LB97237             | Operator :        | Jaswal              |
| Lab Sample ID :         | J4379-13            | Instrumnet Name : | P8                  |
| Client Sample ID :      | MW-103SMS           | Dilution Factor : | 1                   |
| Date & Time Acquired :: | 2018-08-10 18:58:23 | DataFile Name :   | 108SMPL_P8081018-MS |

| Parameter  | Mass  | ConRep1    | ConRep2    | ConRep3    | Avg. Conc. | ConcRSD | Units |
|------------|-------|------------|------------|------------|------------|---------|-------|
| Manganese  | 55-2  | 1096.04    | 1077.31    | 1071.70    | 1081.68    | 1.18    | ppb   |
| Molybdenum | 94-1  | 2344.64    | 2335.58    | 2354.12    | 2344.78    | 0.40    | ppb   |
| Molybdenum | 95-1  | 2346.18    | 2309.14    | 2339.04    | 2331.45    | 0.84    | ppb   |
| Molybdenum | 96-1  | 2342.59    | 2327.84    | 2337.56    | 2335.99    | 0.32    | ppb   |
| Molybdenum | 97-1  | 2355.89    | 2354.60    | 2344.89    | 2351.79    | 0.26    | ppb   |
| Molybdenum | 98-1  | 2354.84    | 2344.04    | 2350.40    | 2349.76    | 0.23    | ppb   |
| Neodymium  | 150-1 |            |            |            |            |         | cps   |
| Neodymium  | 150-2 |            |            |            |            |         | cps   |
| Nickel     | 60-2  | 486.01     | 480.48     | 475.00     | 480.50     | 1.15    | ppb   |
| Phosphorus | 31-2  | 779.24     | 801.07     | 685.90     | 755.40     | 8.10    | ppb   |
| Potassium  | 39-2  | 100859.98  | 99499.33   | 98589.58   | 99649.63   | 1.15    | ppb   |
| Rhodium    | 103-1 |            |            |            | 94         |         | %     |
| Rhodium    | 103-2 |            |            |            | 86         |         | %     |
| Scandium   | 45-1  |            |            |            | 95         |         | %     |
| Scandium   | 45-2  |            |            |            | 83         |         | %     |
| Selenium   | 77-2  | 464.82     | 444.07     | 416.39     | 441.76     | 5.50    | ppb   |
| Selenium   | 78-2  | 452.84     | 411.06     | 410.67     | 424.86     | 5.70    | ppb   |
| Selenium   | 82-1  | 450.54     | 454.22     | 451.26     | 452.01     | 0.43    | ppb   |
| Silicon    | 28-1  | 8331.11    | 8321.75    | 8402.94    | 8351.93    | 0.53    | ppb   |
| Silver     | 109-1 | 432.46     | 429.82     | 428.87     | 430.39     | 0.43    | ppb   |
| Silver     | 107-1 | 433.57     | 434.34     | 430.67     | 432.86     | 0.45    | ppb   |
| Sodium     | 23-2  | 1779772.57 | 1767549.35 | 1746262.94 | 1764528.29 | 0.96    | ppb   |
| Strontium  | 86-1  | 2470.16    | 2479.32    | 2461.75    | 2470.41    | 0.36    | ppb   |
| Strontium  | 88-1  | 2519.92    | 2509.94    | 2526.19    | 2518.68    | 0.33    | ppb   |
| Sulfur     | 34-1  | 672.31     | 441.53     | 164.47     | 426.10     | 59.67   | ppb   |
| Terbium    | 159-1 |            |            |            | 105        |         | %     |
| Terbium    | 159-2 |            |            |            | 95         |         | %     |
| Thallium   | 203-1 | 485.79     | 494.14     | 489.03     | 489.65     | 0.86    | ppb   |
| Thallium   | 205-1 | 480.17     | 484.88     | 481.72     | 482.26     | 0.50    | ppb   |
| Tin        | 118-1 | 435.96     | 432.45     | 433.32     | 433.91     | 0.42    | ppb   |
| Titanium   | 47-1  | 2340.34    | 2321.90    | 2312.93    | 2325.05    | 0.60    | ppb   |
| Uranium    | 238-1 | 492.57     | 494.65     | 495.08     | 494.10     | 0.27    | ppb   |
| Vanadium   | 51-2  | 486.45     | 483.62     | 478.31     | 482.79     | 0.86    | ppb   |
| Yttrium    | 89-1  |            |            |            | 100        |         | %     |
| Yttrium    | 89-2  |            |            |            | 86         |         | %     |
| Zinc       | 66-2  | 904.71     | 905.54     | 893.81     | 901.35     | 0.73    | ppb   |

|                         |                     |                   |                     |
|-------------------------|---------------------|-------------------|---------------------|
| LB Number :             | LB97237             | Operator :        | Jaswal              |
| Lab Sample ID :         | J4379-13            | Instrumnet Name : | P8                  |
| Client Sample ID :      | MW-103SMS           | Dilution Factor : | 1                   |
| Date & Time Acquired :: | 2018-08-10 18:58:23 | DataFile Name :   | 108SMPL_P8081018-MS |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|-----------|------|---------|---------|---------|------------|---------|-------|
| Zirconium | 90-1 | 474.49  | 467.14  | 474.82  | 472.15     | 0.92    | ppb   |
| Zirconium | 91-1 | 462.79  | 462.88  | 464.69  | 463.45     | 0.23    | ppb   |

|                         |                     |                   |                     |
|-------------------------|---------------------|-------------------|---------------------|
| LB Number :             | LB97237             | Operator :        | Jaswal              |
| Lab Sample ID :         | J4379-14            | Instrumnet Name : | P8                  |
| Client Sample ID :      | MW-103SMSD          | Dilution Factor : | 1                   |
| Date & Time Acquired :: | 2018-08-10 19:01:35 | DataFile Name :   | 109SMPL_P8081018-MS |

| Parameter  | Mass  | ConRep1   | ConRep2   | ConRep3   | Avg. Conc. | ConcRSD | Units |
|------------|-------|-----------|-----------|-----------|------------|---------|-------|
| Aluminium  | 27-2  | 9429.35   | 9368.03   | 9392.02   | 9396.47    | 0.33    | ppb   |
| Antimony   | 121-1 | 463.13    | 468.48    | 458.69    | 463.44     | 1.06    | ppb   |
| Arsenic    | 75-2  | 463.35    | 458.41    | 463.34    | 461.70     | 0.62    | ppb   |
| Barium     | 135-1 | 2583.50   | 2556.49   | 2535.62   | 2558.54    | 0.94    | ppb   |
| Barium     | 137-1 | 2559.03   | 2547.13   | 2547.46   | 2551.20    | 0.27    | ppb   |
| Beryllium  | 9-1   | 417.44    | 415.09    | 418.05    | 416.86     | 0.37    | ppb   |
| Bismuth    | 209-1 |           |           |           | 95         |         | %     |
| Bismuth    | 209-2 |           |           |           | 89         |         | %     |
| Boron      | 10-1  | 1544.34   | 1561.58   | 1595.84   | 1567.25    | 1.67    | ppb   |
| Boron      | 11-1  | 1546.45   | 1575.25   | 1620.24   | 1580.65    | 2.35    | ppb   |
| Cadmium    | 111-1 | 436.13    | 435.81    | 432.78    | 434.91     | 0.43    | ppb   |
| Cadmium    | 106-1 | 444.96    | 437.72    | 439.01    | 440.56     | 0.88    | ppb   |
| Cadmium    | 108-1 | 434.56    | 435.28    | 433.43    | 434.42     | 0.21    | ppb   |
| Calcium    | 43-1  | 140145.32 | 140438.07 | 139978.75 | 140187.38  | 0.17    | ppb   |
| Calcium    | 44-1  | 139094.97 | 137710.83 | 138627.55 | 138477.78  | 0.51    | ppb   |
| Chromium   | 52-2  | 494.74    | 493.75    | 489.12    | 492.54     | 0.61    | ppb   |
| Cobalt     | 59-2  | 491.91    | 486.87    | 487.26    | 488.68     | 0.57    | ppb   |
| Copper     | 63-2  | 988.10    | 985.08    | 979.21    | 984.13     | 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 |           |           |           | 101        |         | %     |
| Holmium    | 165-2 |           |           |           | 99         |         | %     |
| Indium     | 115-1 |           |           |           | 93         |         | %     |
| Indium     | 115-2 |           |           |           | 86         |         | %     |
| Iron       | 56-2  | 26609.84  | 26450.62  | 26360.12  | 26473.53   | 0.48    | ppb   |
| Iron       | 57-2  | 26371.65  | 26385.43  | 26077.52  | 26278.20   | 0.66    | ppb   |
| Krypton    | 83-1  |           |           |           |            |         | cps   |
| Lead       | 206-1 | 505.94    | 508.95    | 504.55    | 506.48     | 0.44    | ppb   |
| Lead       | 207-1 | 500.14    | 486.90    | 489.12    | 492.05     | 1.44    | ppb   |
| Lead       | 208-1 | 498.23    | 494.55    | 496.53    | 496.44     | 0.37    | ppb   |
| Lithium    | 6-1   |           |           |           | 98         |         | %     |
| Magnesium  | 24-2  | 197309.14 | 195237.67 | 197856.57 | 196801.12  | 0.70    | ppb   |

|                         |                     |                   |                     |
|-------------------------|---------------------|-------------------|---------------------|
| LB Number :             | LB97237             | Operator :        | Jaswal              |
| Lab Sample ID :         | J4379-14            | Instrumnet Name : | P8                  |
| Client Sample ID :      | MW-103SMSD          | Dilution Factor : | 1                   |
| Date & Time Acquired :: | 2018-08-10 19:01:35 | DataFile Name :   | 109SMPL_P8081018-MS |

| Parameter  | Mass  | ConRep1    | ConRep2    | ConRep3    | Avg. Conc. | ConcRSD | Units |
|------------|-------|------------|------------|------------|------------|---------|-------|
| Manganese  | 55-2  | 1115.87    | 1126.24    | 1111.01    | 1117.71    | 0.70    | ppb   |
| Molybdenum | 94-1  | 2427.61    | 2436.06    | 2402.44    | 2422.04    | 0.72    | ppb   |
| Molybdenum | 95-1  | 2394.01    | 2385.63    | 2422.12    | 2400.59    | 0.80    | ppb   |
| Molybdenum | 96-1  | 2406.00    | 2399.81    | 2389.89    | 2398.57    | 0.34    | ppb   |
| Molybdenum | 97-1  | 2445.58    | 2406.01    | 2437.50    | 2429.69    | 0.86    | ppb   |
| Molybdenum | 98-1  | 2409.77    | 2408.49    | 2432.91    | 2417.06    | 0.57    | ppb   |
| Neodymium  | 150-1 |            |            |            |            |         | cps   |
| Neodymium  | 150-2 |            |            |            |            |         | cps   |
| Nickel     | 60-2  | 498.61     | 495.08     | 488.48     | 494.06     | 1.04    | ppb   |
| Phosphorus | 31-2  | 564.13     | 760.88     | 402.77     | 575.93     | 31.14   | ppb   |
| Potassium  | 39-2  | 103215.60  | 102904.67  | 102185.95  | 102768.74  | 0.51    | ppb   |
| Rhodium    | 103-1 |            |            |            | 89         |         | %     |
| Rhodium    | 103-2 |            |            |            | 88         |         | %     |
| Scandium   | 45-1  |            |            |            | 90         |         | %     |
| Scandium   | 45-2  |            |            |            | 84         |         | %     |
| Selenium   | 77-2  | 515.71     | 537.94     | 498.11     | 517.26     | 3.86    | ppb   |
| Selenium   | 78-2  | 449.37     | 394.94     | 420.87     | 421.73     | 6.46    | ppb   |
| Selenium   | 82-1  | 457.99     | 462.49     | 459.48     | 459.99     | 0.50    | ppb   |
| Silicon    | 28-1  | 8516.01    | 8633.19    | 8710.22    | 8619.81    | 1.13    | ppb   |
| Silver     | 109-1 | 441.14     | 443.15     | 435.14     | 439.81     | 0.95    | ppb   |
| Silver     | 107-1 | 443.34     | 442.96     | 438.77     | 441.69     | 0.57    | ppb   |
| Sodium     | 23-2  | 1815023.87 | 1827251.19 | 1805276.93 | 1815850.67 | 0.61    | ppb   |
| Strontium  | 86-1  | 2541.25    | 2575.27    | 2561.93    | 2559.48    | 0.67    | ppb   |
| Strontium  | 88-1  | 2599.76    | 2606.11    | 2603.11    | 2603.00    | 0.12    | ppb   |
| Sulfur     | 34-1  | 460.36     | 255.29     | 174.30     | 296.65     | 49.70   | ppb   |
| Terbium    | 159-1 |            |            |            | 101        |         | %     |
| Terbium    | 159-2 |            |            |            | 98         |         | %     |
| Thallium   | 203-1 | 508.49     | 503.09     | 500.66     | 504.08     | 0.80    | ppb   |
| Thallium   | 205-1 | 498.35     | 497.73     | 491.83     | 495.97     | 0.73    | ppb   |
| Tin        | 118-1 | 446.43     | 450.83     | 442.03     | 446.43     | 0.98    | ppb   |
| Titanium   | 47-1  | 2385.44    | 2417.97    | 2406.44    | 2403.28    | 0.69    | ppb   |
| Uranium    | 238-1 | 507.95     | 503.98     | 505.11     | 505.68     | 0.40    | ppb   |
| Vanadium   | 51-2  | 495.80     | 495.82     | 492.75     | 494.79     | 0.36    | ppb   |
| Yttrium    | 89-1  |            |            |            | 95         |         | %     |
| Yttrium    | 89-2  |            |            |            | 88         |         | %     |
| Zinc       | 66-2  | 934.36     | 939.98     | 935.77     | 936.70     | 0.31    | ppb   |

|                         |                     |                   |                     |
|-------------------------|---------------------|-------------------|---------------------|
| LB Number :             | LB97237             | Operator :        | Jaswal              |
| Lab Sample ID :         | J4379-14            | Instrumnet Name : | P8                  |
| Client Sample ID :      | MW-103SMSD          | Dilution Factor : | 1                   |
| Date & Time Acquired :: | 2018-08-10 19:01:35 | DataFile Name :   | 109SMPL_P8081018-MS |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|-----------|------|---------|---------|---------|------------|---------|-------|
| Zirconium | 90-1 | 486.08  | 485.39  | 486.16  | 485.88     | 0.09    | ppb   |
| Zirconium | 91-1 | 478.28  | 477.32  | 476.45  | 477.35     | 0.19    | ppb   |

|                         |                     |                   |                     |
|-------------------------|---------------------|-------------------|---------------------|
| LB Number :             | LB97237             | Operator :        | Jaswal              |
| Lab Sample ID :         | J4379-12A           | Instrumnet Name : | P8                  |
| Client Sample ID :      | MW-103SA            | Dilution Factor : | 1                   |
| Date & Time Acquired :: | 2018-08-10 19:04:46 | DataFile Name :   | 110SMPL_P8081018-MS |

| Parameter  | Mass  | ConRep1   | ConRep2   | ConRep3   | Avg. Conc. | ConcRSD | Units |
|------------|-------|-----------|-----------|-----------|------------|---------|-------|
| Aluminium  | 27-2  | 9374.16   | 9413.19   | 9683.95   | 9490.43    | 1.78    | ppb   |
| Antimony   | 121-1 | 461.86    | 450.72    | 455.81    | 456.13     | 1.22    | ppb   |
| Arsenic    | 75-2  | 447.34    | 457.36    | 461.86    | 455.52     | 1.63    | ppb   |
| Barium     | 135-1 | 2519.78   | 2491.51   | 2523.55   | 2511.61    | 0.70    | ppb   |
| Barium     | 137-1 | 2535.28   | 2471.99   | 2505.25   | 2504.17    | 1.26    | ppb   |
| Beryllium  | 9-1   | 411.34    | 402.90    | 416.65    | 410.30     | 1.69    | ppb   |
| Bismuth    | 209-1 |           |           |           | 95         |         | %     |
| Bismuth    | 209-2 |           |           |           | 83         |         | %     |
| Boron      | 10-1  | 1530.34   | 1510.45   | 1571.98   | 1537.59    | 2.04    | ppb   |
| Boron      | 11-1  | 1540.22   | 1541.37   | 1612.78   | 1564.79    | 2.66    | ppb   |
| Cadmium    | 111-1 | 424.66    | 424.00    | 426.62    | 425.09     | 0.32    | ppb   |
| Cadmium    | 106-1 | 438.39    | 427.94    | 427.42    | 431.25     | 1.44    | ppb   |
| Cadmium    | 108-1 | 434.75    | 423.44    | 429.75    | 429.31     | 1.32    | ppb   |
| Calcium    | 43-1  | 138343.13 | 136451.48 | 136566.74 | 137120.45  | 0.77    | ppb   |
| Calcium    | 44-1  | 136406.98 | 134435.70 | 135915.33 | 135586.00  | 0.76    | ppb   |
| Chromium   | 52-2  | 485.83    | 492.36    | 501.64    | 493.28     | 1.61    | ppb   |
| Cobalt     | 59-2  | 485.04    | 486.64    | 500.79    | 490.82     | 1.77    | ppb   |
| Copper     | 63-2  | 974.31    | 983.77    | 1010.54   | 989.54     | 1.90    | ppb   |
| Dysprosium | 156-1 |           |           |           |            |         | cps   |
| Dysprosium | 156-2 |           |           |           |            |         | cps   |
| Erbium     | 164-1 |           |           |           |            |         | cps   |
| Erbium     | 164-2 |           |           |           |            |         | cps   |
| Gadolinium | 160-1 |           |           |           |            |         | cps   |
| Gadolinium | 160-2 |           |           |           |            |         | cps   |
| Holmium    | 165-1 |           |           |           | 102        |         | %     |
| Holmium    | 165-2 |           |           |           | 95         |         | %     |
| Indium     | 115-1 |           |           |           | 93         |         | %     |
| Indium     | 115-2 |           |           |           | 82         |         | %     |
| Iron       | 56-2  | 26160.08  | 26361.84  | 27077.88  | 26533.27   | 1.82    | ppb   |
| Iron       | 57-2  | 26101.46  | 26108.92  | 26865.22  | 26358.53   | 1.66    | ppb   |
| Krypton    | 83-1  |           |           |           |            |         | cps   |
| Lead       | 206-1 | 502.52    | 498.51    | 497.72    | 499.58     | 0.52    | ppb   |
| Lead       | 207-1 | 484.29    | 486.00    | 479.05    | 483.12     | 0.75    | ppb   |
| Lead       | 208-1 | 492.28    | 488.60    | 484.23    | 488.37     | 0.82    | ppb   |
| Lithium    | 6-1   |           |           |           | 98         |         | %     |
| Magnesium  | 24-2  | 192424.60 | 195548.79 | 201385.88 | 196453.09  | 2.32    | ppb   |

|                         |                     |                   |                     |
|-------------------------|---------------------|-------------------|---------------------|
| LB Number :             | LB97237             | Operator :        | Jaswal              |
| Lab Sample ID :         | J4379-12A           | Instrumnet Name : | P8                  |
| Client Sample ID :      | MW-103SA            | Dilution Factor : | 1                   |
| Date & Time Acquired :: | 2018-08-10 19:04:46 | DataFile Name :   | 110SMPL_P8081018-MS |

| Parameter  | Mass  | ConRep1    | ConRep2    | ConRep3    | Avg. Conc. | ConcRSD | Units |
|------------|-------|------------|------------|------------|------------|---------|-------|
| Manganese  | 55-2  | 1106.31    | 1111.52    | 1137.87    | 1118.57    | 1.51    | ppb   |
| Molybdenum | 94-1  | 2402.99    | 2389.43    | 2414.05    | 2402.16    | 0.51    | ppb   |
| Molybdenum | 95-1  | 2366.48    | 2406.44    | 2413.18    | 2395.37    | 1.05    | ppb   |
| Molybdenum | 96-1  | 2383.05    | 2396.48    | 2391.89    | 2390.47    | 0.29    | ppb   |
| Molybdenum | 97-1  | 2420.63    | 2404.97    | 2420.30    | 2415.30    | 0.37    | ppb   |
| Molybdenum | 98-1  | 2401.21    | 2417.07    | 2413.09    | 2410.46    | 0.34    | ppb   |
| Neodymium  | 150-1 |            |            |            |            |         | cps   |
| Neodymium  | 150-2 |            |            |            |            |         | cps   |
| Nickel     | 60-2  | 489.72     | 491.97     | 503.77     | 495.15     | 1.52    | ppb   |
| Phosphorus | 31-2  | 718.65     | 767.78     | 797.32     | 761.25     | 5.22    | ppb   |
| Potassium  | 39-2  | 101109.16  | 101564.48  | 104170.55  | 102281.39  | 1.61    | ppb   |
| Rhodium    | 103-1 |            |            |            | 89         |         | %     |
| Rhodium    | 103-2 |            |            |            | 85         |         | %     |
| Scandium   | 45-1  |            |            |            | 90         |         | %     |
| Scandium   | 45-2  |            |            |            | 79         |         | %     |
| Selenium   | 77-2  | 394.59     | 359.52     | 454.59     | 402.90     | 11.93   | ppb   |
| Selenium   | 78-2  | 425.21     | 423.90     | 407.50     | 418.87     | 2.36    | ppb   |
| Selenium   | 82-1  | 455.08     | 457.20     | 457.96     | 456.75     | 0.33    | ppb   |
| Silicon    | 28-1  | 8501.79    | 8479.39    | 8538.23    | 8506.47    | 0.35    | ppb   |
| Silver     | 109-1 | 435.38     | 434.03     | 435.70     | 435.04     | 0.20    | ppb   |
| Silver     | 107-1 | 434.53     | 433.03     | 434.55     | 434.04     | 0.20    | ppb   |
| Sodium     | 23-2  | 1788796.21 | 1803987.94 | 1853847.85 | 1815544.00 | 1.87    | ppb   |
| Strontium  | 86-1  | 2515.06    | 2535.18    | 2524.36    | 2524.87    | 0.40    | ppb   |
| Strontium  | 88-1  | 2555.84    | 2559.11    | 2575.93    | 2563.62    | 0.42    | ppb   |
| Sulfur     | 34-1  | 284.91     | 123.92     | 322.19     | 243.67     | 43.24   | ppb   |
| Terbium    | 159-1 |            |            |            | 101        |         | %     |
| Terbium    | 159-2 |            |            |            | 94         |         | %     |
| Thallium   | 203-1 | 501.54     | 501.59     | 494.81     | 499.31     | 0.78    | ppb   |
| Thallium   | 205-1 | 494.68     | 496.33     | 488.66     | 493.23     | 0.82    | ppb   |
| Tin        | 118-1 | 444.31     | 437.17     | 440.80     | 440.76     | 0.81    | ppb   |
| Titanium   | 47-1  | 2361.49    | 2361.04    | 2336.68    | 2353.07    | 0.60    | ppb   |
| Uranium    | 238-1 | 498.28     | 502.46     | 490.51     | 497.08     | 1.22    | ppb   |
| Vanadium   | 51-2  | 488.81     | 494.37     | 506.52     | 496.57     | 1.82    | ppb   |
| Yttrium    | 89-1  |            |            |            | 94         |         | %     |
| Yttrium    | 89-2  |            |            |            | 84         |         | %     |
| Zinc       | 66-2  | 912.69     | 923.41     | 950.95     | 929.02     | 2.12    | ppb   |



|                         |                     |                   |                     |
|-------------------------|---------------------|-------------------|---------------------|
| LB Number :             | LB97237             | Operator :        | Jaswal              |
| Lab Sample ID :         | J4379-12A           | Instrumnet Name : | P8                  |
| Client Sample ID :      | MW-103SA            | Dilution Factor : | 1                   |
| Date & Time Acquired :: | 2018-08-10 19:04:46 | DataFile Name :   | 110SMPL_P8081018-MS |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|-----------|------|---------|---------|---------|------------|---------|-------|
| Zirconium | 90-1 | 475.86  | 479.85  | 484.93  | 480.21     | 0.95    | ppb   |
| Zirconium | 91-1 | 471.49  | 473.39  | 476.22  | 473.70     | 0.50    | ppb   |

|                         |                     |                   |                     |
|-------------------------|---------------------|-------------------|---------------------|
| LB Number :             | LB97237             | Operator :        | Jaswal              |
| Lab Sample ID :         | J4379-15            | Instrumnet Name : | P8                  |
| Client Sample ID :      | MW-104I             | Dilution Factor : | 1                   |
| Date & Time Acquired :: | 2018-08-10 19:07:59 | DataFile Name :   | 111SMPL_P8081018-MS |

| Parameter  | Mass  | ConRep1  | ConRep2  | ConRep3  | Avg. Conc. | ConcRSD | Units |
|------------|-------|----------|----------|----------|------------|---------|-------|
| Aluminium  | 27-2  | 55.26    | 46.01    | 31.61    | 44.29      | 26.91   | ppb   |
| Antimony   | 121-1 | 2.12     | 2.30     | 2.41     | 2.28       | 6.40    | ppb   |
| Arsenic    | 75-2  | 12.05    | 12.16    | 11.49    | 11.90      | 3.00    | ppb   |
| Barium     | 135-1 | 190.48   | 186.25   | 190.38   | 189.04     | 1.28    | ppb   |
| Barium     | 137-1 | 190.42   | 187.49   | 188.68   | 188.86     | 0.78    | ppb   |
| Beryllium  | 9-1   | 0.26     | 0.25     | 0.23     | 0.25       | 6.05    | ppb   |
| Bismuth    | 209-1 |          |          |          | 100        |         | %     |
| Bismuth    | 209-2 |          |          |          | 86         |         | %     |
| Boron      | 10-1  | 398.67   | 400.45   | 395.78   | 398.30     | 0.59    | ppb   |
| Boron      | 11-1  | 393.19   | 394.25   | 400.45   | 395.96     | 0.99    | ppb   |
| Cadmium    | 111-1 | -0.03    | -0.14    | 0.00     | -0.06      |         | ppb   |
| Cadmium    | 106-1 | -1.25    | -2.71    | -0.68    | -1.55      |         | ppb   |
| Cadmium    | 108-1 | 0.35     | 0.12     | 0.15     | 0.21       | 60.75   | ppb   |
| Calcium    | 43-1  | 14825.94 | 14837.90 | 14515.42 | 14726.42   | 1.24    | ppb   |
| Calcium    | 44-1  | 14606.87 | 14822.17 | 14540.67 | 14656.57   | 1.00    | ppb   |
| Chromium   | 52-2  | 0.88     | 0.57     | 0.47     | 0.64       | 33.49   | ppb   |
| Cobalt     | 59-2  | 1.28     | 1.11     | 1.23     | 1.21       | 7.13    | ppb   |
| Copper     | 63-2  | 5.81     | 4.82     | 5.06     | 5.23       | 9.96    | 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 |          |          |          | 102        |         | %     |
| Holmium    | 165-2 |          |          |          | 90         |         | %     |
| Indium     | 115-1 |          |          |          | 94         |         | %     |
| Indium     | 115-2 |          |          |          | 78         |         | %     |
| Iron       | 56-2  | 3089.52  | 2805.35  | 2835.69  | 2910.19    | 5.36    | ppb   |
| Iron       | 57-2  | 3021.55  | 2788.64  | 2861.72  | 2890.64    | 4.12    | ppb   |
| Krypton    | 83-1  |          |          |          |            |         | cps   |
| Lead       | 206-1 | 1.89     | 1.82     | 1.79     | 1.83       | 2.84    | ppb   |
| Lead       | 207-1 | 1.70     | 1.71     | 1.80     | 1.74       | 3.17    | ppb   |
| Lead       | 208-1 | 1.77     | 1.77     | 1.77     | 1.77       | 0.12    | ppb   |
| Lithium    | 6-1   |          |          |          | 122        |         | %     |
| Magnesium  | 24-2  | 35237.10 | 31928.72 | 32460.31 | 33208.71   | 5.35    | ppb   |

|                         |                     |                   |                     |
|-------------------------|---------------------|-------------------|---------------------|
| LB Number :             | LB97237             | Operator :        | Jaswal              |
| Lab Sample ID :         | J4379-15            | Instrumnet Name : | P8                  |
| Client Sample ID :      | MW-104I             | Dilution Factor : | 1                   |
| Date & Time Acquired :: | 2018-08-10 19:07:59 | DataFile Name :   | 111SMPL_P8081018-MS |

| Parameter  | Mass  | ConRep1   | ConRep2   | ConRep3   | Avg. Conc. | ConcRSD | Units |
|------------|-------|-----------|-----------|-----------|------------|---------|-------|
| Manganese  | 55-2  | 961.58    | 868.72    | 862.18    | 897.49     | 6.19    | ppb   |
| Molybdenum | 94-1  | 6.25      | 5.91      | 5.61      | 5.92       | 5.35    | ppb   |
| Molybdenum | 95-1  | 6.70      | 6.74      | 6.89      | 6.77       | 1.48    | ppb   |
| Molybdenum | 96-1  | 6.81      | 6.60      | 6.69      | 6.70       | 1.57    | ppb   |
| Molybdenum | 97-1  | 7.06      | 6.91      | 6.78      | 6.92       | 2.01    | ppb   |
| Molybdenum | 98-1  | 7.04      | 7.01      | 7.09      | 7.05       | 0.59    | ppb   |
| Neodymium  | 150-1 |           |           |           |            |         | cps   |
| Neodymium  | 150-2 |           |           |           |            |         | cps   |
| Nickel     | 60-2  | 1.28      | 1.02      | 1.07      | 1.12       | 12.12   | ppb   |
| Phosphorus | 31-2  | 394.32    | 438.33    | 215.79    | 349.48     | 33.72   | ppb   |
| Potassium  | 39-2  | 47921.00  | 43731.70  | 43870.08  | 45174.26   | 5.27    | ppb   |
| Rhodium    | 103-1 |           |           |           | 90         |         | %     |
| Rhodium    | 103-2 |           |           |           | 82         |         | %     |
| Scandium   | 45-1  |           |           |           | 84         |         | %     |
| Scandium   | 45-2  |           |           |           | 69         |         | %     |
| Selenium   | 77-2  | 0.00      | 7.98      | 0.00      | 2.66       | 173.21  | ppb   |
| Selenium   | 78-2  | 0.00      | 0.00      | 2.58      | 0.86       | 173.21  | ppb   |
| Selenium   | 82-1  | 1.76      | 2.06      | 2.14      | 1.99       | 10.12   | ppb   |
| Silicon    | 28-1  | 6983.29   | 6943.36   | 6833.74   | 6920.13    | 1.12    | ppb   |
| Silver     | 109-1 | 0.11      | 0.10      | 0.10      | 0.10       | 6.89    | ppb   |
| Silver     | 107-1 | 0.10      | 0.09      | 0.09      | 0.09       | 5.81    | ppb   |
| Sodium     | 23-2  | 233851.73 | 211200.78 | 215445.60 | 220166.04  | 5.47    | ppb   |
| Strontium  | 86-1  | 303.09    | 305.24    | 305.10    | 304.47     | 0.40    | ppb   |
| Strontium  | 88-1  | 315.00    | 312.53    | 311.79    | 313.11     | 0.54    | ppb   |
| Sulfur     | 34-1  | 10764.01  | 10427.77  | 10182.55  | 10458.11   | 2.79    | ppb   |
| Terbium    | 159-1 |           |           |           | 100        |         | %     |
| Terbium    | 159-2 |           |           |           | 89         |         | %     |
| Thallium   | 203-1 | 0.10      | 0.10      | 0.09      | 0.10       | 5.52    | ppb   |
| Thallium   | 205-1 | 0.15      | 0.12      | 0.11      | 0.13       | 16.12   | ppb   |
| Tin        | 118-1 | 7.80      | 7.32      | 7.22      | 7.45       | 4.14    | ppb   |
| Titanium   | 47-1  | 1.70      | 1.83      | 1.55      | 1.69       | 8.00    | ppb   |
| Uranium    | 238-1 | 0.63      | 0.62      | 0.64      | 0.63       | 1.59    | ppb   |
| Vanadium   | 51-2  | 0.32      | 0.30      | 0.26      | 0.29       | 9.75    | ppb   |
| Yttrium    | 89-1  |           |           |           | 92         |         | %     |
| Yttrium    | 89-2  |           |           |           | 75         |         | %     |
| Zinc       | 66-2  | 50.47     | 46.80     | 44.57     | 47.28      | 6.30    | ppb   |

|                         |                     |                   |                     |
|-------------------------|---------------------|-------------------|---------------------|
| LB Number :             | LB97237             | Operator :        | Jaswal              |
| Lab Sample ID :         | J4379-15            | Instrumnet Name : | P8                  |
| Client Sample ID :      | MW-104I             | Dilution Factor : | 1                   |
| Date & Time Acquired :: | 2018-08-10 19:07:59 | DataFile Name :   | 111SMPL_P8081018-MS |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|-----------|------|---------|---------|---------|------------|---------|-------|
| Zirconium | 90-1 | 0.80    | 0.62    | 0.55    | 0.66       | 19.92   | ppb   |
| Zirconium | 91-1 | 0.88    | 0.68    | 0.52    | 0.69       | 26.45   | ppb   |

|                         |                     |                   |                     |
|-------------------------|---------------------|-------------------|---------------------|
| LB Number :             | LB97237             | Operator :        | Jaswal              |
| Lab Sample ID :         | J4379-16            | Instrumnet Name : | P8                  |
| Client Sample ID :      | MW-104D             | Dilution Factor : | 1                   |
| Date & Time Acquired :: | 2018-08-10 19:11:18 | DataFile Name :   | 112SMPL_P8081018-MS |

| Parameter  | Mass  | ConRep1   | ConRep2   | ConRep3   | Avg. Conc. | ConcRSD | Units |
|------------|-------|-----------|-----------|-----------|------------|---------|-------|
| Aluminium  | 27-2  | 220.55    | 192.44    | 190.73    | 201.24     | 8.32    | ppb   |
| Antimony   | 121-1 | 3.24      | 3.38      | 3.38      | 3.34       | 2.37    | ppb   |
| Arsenic    | 75-2  | 3.48      | 3.17      | 2.67      | 3.10       | 13.20   | ppb   |
| Barium     | 135-1 | 83.92     | 82.64     | 82.32     | 82.96      | 1.02    | ppb   |
| Barium     | 137-1 | 84.12     | 83.10     | 82.62     | 83.28      | 0.92    | ppb   |
| Beryllium  | 9-1   | 0.29      | 0.20      | 0.27      | 0.26       | 17.90   | ppb   |
| Bismuth    | 209-1 |           |           |           | 79         |         | %     |
| Bismuth    | 209-2 |           |           |           | 75         |         | %     |
| Boron      | 10-1  | 3674.71   | 3823.08   | 3793.93   | 3763.90    | 2.09    | ppb   |
| Boron      | 11-1  | 3797.56   | 3904.90   | 3965.98   | 3889.48    | 2.19    | ppb   |
| Cadmium    | 111-1 | 0.09      | 0.13      | -0.07     | 0.05       | 213.13  | ppb   |
| Cadmium    | 106-1 | 0.69      | 1.64      | -0.96     | 0.46       | 285.97  | ppb   |
| Cadmium    | 108-1 | 0.41      | 0.36      | 0.43      | 0.40       | 9.57    | ppb   |
| Calcium    | 43-1  | 179605.85 | 176319.10 | 178041.39 | 177988.78  | 0.92    | ppb   |
| Calcium    | 44-1  | 177984.37 | 174234.00 | 177368.06 | 176528.81  | 1.14    | ppb   |
| Chromium   | 52-2  | 1.19      | 1.17      | 1.08      | 1.14       | 5.26    | ppb   |
| Cobalt     | 59-2  | 14.77     | 14.79     | 14.42     | 14.66      | 1.41    | ppb   |
| Copper     | 63-2  | 1.92      | 2.06      | 1.97      | 1.99       | 3.58    | 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 |           |           |           | 89         |         | %     |
| Holmium    | 165-2 |           |           |           | 90         |         | %     |
| Indium     | 115-1 |           |           |           | 83         |         | %     |
| Indium     | 115-2 |           |           |           | 83         |         | %     |
| Iron       | 56-2  | 5655.00   | 5614.25   | 5425.75   | 5565.00    | 2.20    | ppb   |
| Iron       | 57-2  | 5454.01   | 5352.50   | 5216.17   | 5340.90    | 2.23    | ppb   |
| Krypton    | 83-1  |           |           |           |            |         | cps   |
| Lead       | 206-1 | 1.85      | 1.87      | 1.87      | 1.86       | 0.67    | ppb   |
| Lead       | 207-1 | 1.67      | 1.75      | 1.71      | 1.71       | 2.14    | ppb   |
| Lead       | 208-1 | 1.79      | 1.74      | 1.81      | 1.78       | 2.14    | ppb   |
| Lithium    | 6-1   |           |           |           | 83         |         | %     |
| Magnesium  | 24-2  | 659738.94 | 652769.57 | 643175.98 | 651894.83  | 1.28    | ppb   |

|                         |                     |                   |                     |
|-------------------------|---------------------|-------------------|---------------------|
| LB Number :             | LB97237             | Operator :        | Jaswal              |
| Lab Sample ID :         | J4379-16            | Instrumnet Name : | P8                  |
| Client Sample ID :      | MW-104D             | Dilution Factor : | 1                   |
| Date & Time Acquired :: | 2018-08-10 19:11:18 | DataFile Name :   | 112SMPL_P8081018-MS |

| Parameter  | Mass  | ConRep1    | ConRep2    | ConRep3    | Avg. Conc. | ConcRSD | Units |
|------------|-------|------------|------------|------------|------------|---------|-------|
| Manganese  | 55-2  | 3409.43    | 3383.27    | 3306.71    | 3366.47    | 1.59    | ppb   |
| Molybdenum | 94-1  | 6.18       | 5.85       | 6.09       | 6.04       | 2.76    | ppb   |
| Molybdenum | 95-1  | 2.12       | 2.04       | 2.16       | 2.10       | 2.97    | ppb   |
| Molybdenum | 96-1  | 2.59       | 2.50       | 2.33       | 2.47       | 5.33    | ppb   |
| Molybdenum | 97-1  | 2.56       | 2.39       | 2.53       | 2.49       | 3.59    | ppb   |
| Molybdenum | 98-1  | 2.19       | 2.13       | 2.09       | 2.14       | 2.40    | ppb   |
| Neodymium  | 150-1 |            |            |            |            |         | cps   |
| Neodymium  | 150-2 |            |            |            |            |         | cps   |
| Nickel     | 60-2  | 13.90      | 14.24      | 13.39      | 13.84      | 3.10    | ppb   |
| Phosphorus | 31-2  | 76.15      | 12.83      | 101.38     | 63.45      | 71.89   | ppb   |
| Potassium  | 39-2  | 221831.35  | 220216.53  | 217793.80  | 219947.23  | 0.92    | ppb   |
| Rhodium    | 103-1 |            |            |            | 79         |         | %     |
| Rhodium    | 103-2 |            |            |            | 81         |         | %     |
| Scandium   | 45-1  |            |            |            | 86         |         | %     |
| Scandium   | 45-2  |            |            |            | 89         |         | %     |
| Selenium   | 77-2  | 0.00       | 0.00       | 0.00       | 0.00       | N/A     | ppb   |
| Selenium   | 78-2  | 0.00       | 0.00       | 1.14       | 0.38       | 173.21  | ppb   |
| Selenium   | 82-1  | -8.83      | -9.89      | -9.41      | -9.38      |         | ppb   |
| Silicon    | 28-1  | 8239.26    | 8168.27    | 8234.14    | 8213.89    | 0.48    | ppb   |
| Silver     | 109-1 | 0.08       | 0.09       | 0.10       | 0.09       | 13.60   | ppb   |
| Silver     | 107-1 | 0.09       | 0.07       | 0.09       | 0.08       | 10.93   | ppb   |
| Sodium     | 23-2  | 5884675.15 | 5799489.41 | 5654304.37 | 5779489.64 | 2.02    | ppb   |
| Strontium  | 86-1  | 3898.21    | 3845.64    | 3893.76    | 3879.20    | 0.75    | ppb   |
| Strontium  | 88-1  | 3980.41    | 3960.01    | 3990.11    | 3976.84    | 0.39    | ppb   |
| Sulfur     | 34-1  | 211604.30  | 206192.65  | 208242.02  | 208679.66  | 1.31    | ppb   |
| Terbium    | 159-1 |            |            |            | 89         |         | %     |
| Terbium    | 159-2 |            |            |            | 89         |         | %     |
| Thallium   | 203-1 | 0.06       | 0.09       | 0.07       | 0.07       | 23.60   | ppb   |
| Thallium   | 205-1 | 0.08       | 0.07       | 0.09       | 0.08       | 13.51   | ppb   |
| Tin        | 118-1 | 6.51       | 6.41       | 6.13       | 6.35       | 3.11    | ppb   |
| Titanium   | 47-1  | 10.81      | 12.07      | 11.52      | 11.47      | 5.52    | ppb   |
| Uranium    | 238-1 | 26.19      | 25.91      | 26.05      | 26.05      | 0.54    | ppb   |
| Vanadium   | 51-2  | 0.89       | 0.91       | 0.85       | 0.88       | 3.75    | ppb   |
| Yttrium    | 89-1  |            |            |            | 86         |         | %     |
| Yttrium    | 89-2  |            |            |            | 87         |         | %     |
| Zinc       | 66-2  | 73.69      | 72.09      | 70.79      | 72.19      | 2.01    | ppb   |

|                         |                     |                   |                     |
|-------------------------|---------------------|-------------------|---------------------|
| LB Number :             | LB97237             | Operator :        | Jaswal              |
| Lab Sample ID :         | J4379-16            | Instrumnet Name : | P8                  |
| Client Sample ID :      | MW-104D             | Dilution Factor : | 1                   |
| Date & Time Acquired :: | 2018-08-10 19:11:18 | DataFile Name :   | 112SMPL_P8081018-MS |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|-----------|------|---------|---------|---------|------------|---------|-------|
| Zirconium | 90-1 | 3.01    | 2.87    | 2.99    | 2.95       | 2.55    | ppb   |
| Zirconium | 91-1 | 2.95    | 2.87    | 2.98    | 2.93       | 1.83    | ppb   |

|                         |                     |                   |                     |
|-------------------------|---------------------|-------------------|---------------------|
| LB Number :             | LB97237             | Operator :        | Jaswal              |
| Lab Sample ID :         | J4379-17            | Instrumnet Name : | P8                  |
| Client Sample ID :      | MW-103I             | Dilution Factor : | 1                   |
| Date & Time Acquired :: | 2018-08-10 19:14:38 | DataFile Name :   | 113SMPL_P8081018-MS |

| Parameter  | Mass  | ConRep1  | ConRep2  | ConRep3  | Avg. Conc. | ConcRSD | Units |
|------------|-------|----------|----------|----------|------------|---------|-------|
| Aluminium  | 27-2  | 94.17    | 99.29    | 95.42    | 96.30      | 2.77    | ppb   |
| Antimony   | 121-1 | 2.25     | 2.17     | 2.41     | 2.27       | 5.37    | ppb   |
| Arsenic    | 75-2  | 8.44     | 8.22     | 7.36     | 8.01       | 7.16    | ppb   |
| Barium     | 135-1 | 121.86   | 121.50   | 122.67   | 122.01     | 0.49    | ppb   |
| Barium     | 137-1 | 122.11   | 121.57   | 121.84   | 121.84     | 0.22    | ppb   |
| Beryllium  | 9-1   | 0.17     | 0.15     | 0.14     | 0.15       | 8.45    | ppb   |
| Bismuth    | 209-1 |          |          |          | 102        |         | %     |
| Bismuth    | 209-2 |          |          |          | 92         |         | %     |
| Boron      | 10-1  | 358.08   | 332.34   | 340.66   | 343.70     | 3.82    | ppb   |
| Boron      | 11-1  | 357.91   | 346.52   | 332.10   | 345.51     | 3.74    | ppb   |
| Cadmium    | 111-1 | -0.02    | 0.08     | -0.06    | 0.00       |         | ppb   |
| Cadmium    | 106-1 | -0.80    | 0.30     | -1.49    | -0.66      |         | ppb   |
| Cadmium    | 108-1 | 0.18     | 0.33     | 0.24     | 0.25       | 31.93   | ppb   |
| Calcium    | 43-1  | 30983.37 | 31010.14 | 30840.85 | 30944.79   | 0.29    | ppb   |
| Calcium    | 44-1  | 31277.77 | 30735.11 | 30933.36 | 30982.08   | 0.89    | ppb   |
| Chromium   | 52-2  | 1.95     | 2.09     | 1.92     | 1.99       | 4.57    | ppb   |
| Cobalt     | 59-2  | 0.29     | 0.39     | 0.38     | 0.36       | 15.22   | ppb   |
| Copper     | 63-2  | 11.11    | 12.87    | 11.90    | 11.96      | 7.39    | 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 |          |          |          | 105        |         | %     |
| Holmium    | 165-2 |          |          |          | 96         |         | %     |
| Indium     | 115-1 |          |          |          | 100        |         | %     |
| Indium     | 115-2 |          |          |          | 86         |         | %     |
| Iron       | 56-2  | 5711.14  | 6280.12  | 5951.08  | 5980.78    | 4.78    | ppb   |
| Iron       | 57-2  | 5479.72  | 6194.12  | 5789.73  | 5821.19    | 6.15    | ppb   |
| Krypton    | 83-1  |          |          |          |            |         | cps   |
| Lead       | 206-1 | 5.46     | 5.38     | 5.42     | 5.42       | 0.72    | ppb   |
| Lead       | 207-1 | 4.89     | 5.04     | 4.99     | 4.98       | 1.52    | ppb   |
| Lead       | 208-1 | 5.21     | 5.14     | 5.19     | 5.18       | 0.70    | ppb   |
| Lithium    | 6-1   |          |          |          | 106        |         | %     |
| Magnesium  | 24-2  | 37511.81 | 41402.78 | 38977.58 | 39297.39   | 5.00    | ppb   |



|                         |                     |                   |                     |
|-------------------------|---------------------|-------------------|---------------------|
| LB Number :             | LB97237             | Operator :        | Jaswal              |
| Lab Sample ID :         | J4379-17            | Instrumnet Name : | P8                  |
| Client Sample ID :      | MW-103I             | Dilution Factor : | 1                   |
| Date & Time Acquired :: | 2018-08-10 19:14:38 | DataFile Name :   | 113SMPL_P8081018-MS |

| Parameter  | Mass  | ConRep1   | ConRep2   | ConRep3   | Avg. Conc. | ConcRSD | Units |
|------------|-------|-----------|-----------|-----------|------------|---------|-------|
| Manganese  | 55-2  | 519.02    | 567.53    | 535.35    | 540.63     | 4.57    | ppb   |
| Molybdenum | 94-1  | 0.98      | 1.02      | 0.94      | 0.98       | 4.06    | ppb   |
| Molybdenum | 95-1  | 0.85      | 0.85      | 0.92      | 0.87       | 4.48    | ppb   |
| Molybdenum | 96-1  | 0.92      | 0.91      | 0.98      | 0.94       | 3.92    | ppb   |
| Molybdenum | 97-1  | 1.00      | 1.02      | 1.01      | 1.01       | 1.32    | ppb   |
| Molybdenum | 98-1  | 0.85      | 0.94      | 0.90      | 0.90       | 4.65    | ppb   |
| Neodymium  | 150-1 |           |           |           |            |         | cps   |
| Neodymium  | 150-2 |           |           |           |            |         | cps   |
| Nickel     | 60-2  | 1.11      | 1.44      | 1.13      | 1.23       | 15.06   | ppb   |
| Phosphorus | 31-2  | 2191.08   | 1700.45   | 1370.16   | 1753.90    | 23.55   | ppb   |
| Potassium  | 39-2  | 25596.93  | 27626.15  | 26243.40  | 26488.83   | 3.91    | ppb   |
| Rhodium    | 103-1 |           |           |           | 96         |         | %     |
| Rhodium    | 103-2 |           |           |           | 89         |         | %     |
| Scandium   | 45-1  |           |           |           | 93         |         | %     |
| Scandium   | 45-2  |           |           |           | 78         |         | %     |
| Selenium   | 77-2  | 0.00      | 0.00      | 7.35      | 2.45       | 173.21  | ppb   |
| Selenium   | 78-2  | 2.30      | 0.00      | 2.34      | 1.55       | 86.62   | ppb   |
| Selenium   | 82-1  | -2.44     | -1.36     | -1.91     | -1.90      |         | ppb   |
| Silicon    | 28-1  | 6743.63   | 6670.85   | 6667.76   | 6694.08    | 0.64    | ppb   |
| Silver     | 109-1 | 0.13      | 0.10      | 0.11      | 0.11       | 12.80   | ppb   |
| Silver     | 107-1 | 0.11      | 0.10      | 0.10      | 0.10       | 5.03    | ppb   |
| Sodium     | 23-2  | 162491.51 | 177157.28 | 166657.49 | 168768.76  | 4.48    | ppb   |
| Strontium  | 86-1  | 321.58    | 318.84    | 323.40    | 321.27     | 0.71    | ppb   |
| Strontium  | 88-1  | 329.84    | 330.45    | 333.33    | 331.21     | 0.56    | ppb   |
| Sulfur     | 34-1  | 6400.06   | 5902.90   | 5867.64   | 6056.86    | 4.92    | ppb   |
| Terbium    | 159-1 |           |           |           | 105        |         | %     |
| Terbium    | 159-2 |           |           |           | 95         |         | %     |
| Thallium   | 203-1 | 0.05      | 0.04      | 0.03      | 0.04       | 14.99   | ppb   |
| Thallium   | 205-1 | 0.04      | 0.04      | 0.04      | 0.04       | 4.73    | ppb   |
| Tin        | 118-1 | 3.59      | 3.81      | 3.76      | 3.72       | 3.12    | ppb   |
| Titanium   | 47-1  | 4.70      | 4.68      | 4.83      | 4.73       | 1.71    | ppb   |
| Uranium    | 238-1 | 0.07      | 0.07      | 0.09      | 0.08       | 10.06   | ppb   |
| Vanadium   | 51-2  | 1.37      | 1.50      | 1.51      | 1.46       | 5.39    | ppb   |
| Yttrium    | 89-1  |           |           |           | 99         |         | %     |
| Yttrium    | 89-2  |           |           |           | 83         |         | %     |
| Zinc       | 66-2  | 287.43    | 317.04    | 298.82    | 301.10     | 4.96    | ppb   |

|                         |                     |                   |                     |
|-------------------------|---------------------|-------------------|---------------------|
| LB Number :             | LB97237             | Operator :        | Jaswal              |
| Lab Sample ID :         | J4379-17            | Instrumnet Name : | P8                  |
| Client Sample ID :      | MW-103I             | Dilution Factor : | 1                   |
| Date & Time Acquired :: | 2018-08-10 19:14:38 | DataFile Name :   | 113SMPL_P8081018-MS |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|-----------|------|---------|---------|---------|------------|---------|-------|
| Zirconium | 90-1 | 0.22    | 0.19    | 0.20    | 0.20       | 7.49    | ppb   |
| Zirconium | 91-1 | 0.20    | 0.25    | 0.23    | 0.23       | 10.55   | ppb   |

|                         |                     |                   |                      |
|-------------------------|---------------------|-------------------|----------------------|
| LB Number :             | LB97237             | Operator :        | Jaswal               |
| Lab Sample ID :         | CCV98               | Instrumnet Name : | P8                   |
| Client Sample ID :      | CCV98               | Dilution Factor : | 1                    |
| Date & Time Acquired :: | 2018-08-10 19:24:36 | DataFile Name :   | 114CCV_P8081018-MS.I |

| Parameter  | Mass  | ConRep1   | ConRep2   | ConRep3   | Avg. Conc. | ConcRSD | Units |
|------------|-------|-----------|-----------|-----------|------------|---------|-------|
| Aluminium  | 27-2  | 50778.68  | 51387.19  | 51496.01  | 51220.63   | 0.75    | ppb   |
| Antimony   | 121-1 | 472.38    | 469.10    | 470.81    | 470.76     | 0.35    | ppb   |
| Arsenic    | 75-2  | 473.82    | 466.37    | 468.03    | 469.41     | 0.83    | ppb   |
| Barium     | 135-1 | 2501.19   | 2476.03   | 2465.30   | 2480.84    | 0.74    | ppb   |
| Barium     | 137-1 | 2460.98   | 2431.09   | 2449.34   | 2447.13    | 0.62    | ppb   |
| Beryllium  | 9-1   | 476.19    | 471.66    | 474.02    | 473.96     | 0.48    | ppb   |
| Bismuth    | 209-1 |           |           |           | 108        |         | %     |
| Bismuth    | 209-2 |           |           |           | 106        |         | %     |
| Boron      | 10-1  | 470.25    | 497.69    | 494.13    | 487.36     | 3.06    | ppb   |
| Boron      | 11-1  | 485.04    | 493.39    | 502.41    | 493.62     | 1.76    | ppb   |
| Cadmium    | 111-1 | 467.18    | 462.82    | 463.83    | 464.61     | 0.49    | ppb   |
| Cadmium    | 106-1 | 472.01    | 473.45    | 474.68    | 473.38     | 0.28    | ppb   |
| Cadmium    | 108-1 | 471.28    | 464.95    | 463.80    | 466.68     | 0.86    | ppb   |
| Calcium    | 43-1  | 244582.70 | 237194.11 | 237655.00 | 239810.60  | 1.73    | ppb   |
| Calcium    | 44-1  | 240046.28 | 236307.74 | 235662.72 | 237338.91  | 1.00    | ppb   |
| Chromium   | 52-2  | 501.92    | 506.05    | 512.52    | 506.83     | 1.05    | ppb   |
| Cobalt     | 59-2  | 483.38    | 489.70    | 492.56    | 488.55     | 0.96    | ppb   |
| Copper     | 63-2  | 954.02    | 965.42    | 974.49    | 964.64     | 1.06    | ppb   |
| Dysprosium | 156-1 |           |           |           |            |         | cps   |
| Dysprosium | 156-2 |           |           |           |            |         | cps   |
| Erbium     | 164-1 |           |           |           |            |         | cps   |
| Erbium     | 164-2 |           |           |           |            |         | cps   |
| Gadolinium | 160-1 |           |           |           |            |         | cps   |
| Gadolinium | 160-2 |           |           |           |            |         | cps   |
| Holmium    | 165-1 |           |           |           | 115        |         | %     |
| Holmium    | 165-2 |           |           |           | 113        |         | %     |
| Indium     | 115-1 |           |           |           | 108        |         | %     |
| Indium     | 115-2 |           |           |           | 103        |         | %     |
| Iron       | 56-2  | 128077.76 | 129456.24 | 131609.46 | 129714.49  | 1.37    | ppb   |
| Iron       | 57-2  | 129800.09 | 132149.11 | 132053.96 | 131334.39  | 1.01    | ppb   |
| Krypton    | 83-1  |           |           |           |            |         | cps   |
| Lead       | 206-1 | 524.07    | 513.06    | 513.11    | 516.75     | 1.23    | ppb   |
| Lead       | 207-1 | 525.35    | 508.13    | 514.11    | 515.86     | 1.69    | ppb   |
| Lead       | 208-1 | 523.25    | 502.85    | 511.70    | 512.60     | 2.00    | ppb   |
| Lithium    | 6-1   |           |           |           | 107        |         | %     |
| Magnesium  | 24-2  | 242681.59 | 247662.56 | 249012.76 | 246452.30  | 1.35    | ppb   |

|                         |                     |                   |                      |
|-------------------------|---------------------|-------------------|----------------------|
| LB Number :             | LB97237             | Operator :        | Jaswal               |
| Lab Sample ID :         | CCV98               | Instrumnet Name : | P8                   |
| Client Sample ID :      | CCV98               | Dilution Factor : | 1                    |
| Date & Time Acquired :: | 2018-08-10 19:24:36 | DataFile Name :   | 114CCV_P8081018-MS.I |

| Parameter  | Mass  | ConRep1   | ConRep2   | ConRep3   | Avg. Conc. | ConcRSD | Units |
|------------|-------|-----------|-----------|-----------|------------|---------|-------|
| Manganese  | 55-2  | 966.17    | 982.00    | 989.02    | 979.07     | 1.20    | ppb   |
| Molybdenum | 94-1  | 2525.12   | 2498.87   | 2509.29   | 2511.09    | 0.53    | ppb   |
| Molybdenum | 95-1  | 2505.60   | 2480.86   | 2513.02   | 2499.83    | 0.67    | ppb   |
| Molybdenum | 96-1  | 2531.16   | 2491.12   | 2515.67   | 2512.65    | 0.80    | ppb   |
| Molybdenum | 97-1  | 2539.20   | 2503.33   | 2522.78   | 2521.77    | 0.71    | ppb   |
| Molybdenum | 98-1  | 2527.25   | 2507.59   | 2507.67   | 2514.17    | 0.45    | ppb   |
| Neodymium  | 150-1 |           |           |           |            |         | cps   |
| Neodymium  | 150-2 |           |           |           |            |         | cps   |
| Nickel     | 60-2  | 494.82    | 498.42    | 503.16    | 498.80     | 0.84    | ppb   |
| Phosphorus | 31-2  | 9986.71   | 10155.69  | 9319.90   | 9820.76    | 4.50    | ppb   |
| Potassium  | 39-2  | 121515.08 | 120677.37 | 122357.03 | 121516.50  | 0.69    | ppb   |
| Rhodium    | 103-1 |           |           |           | 103        |         | %     |
| Rhodium    | 103-2 |           |           |           | 103        |         | %     |
| Scandium   | 45-1  |           |           |           | 106        |         | %     |
| Scandium   | 45-2  |           |           |           | 101        |         | %     |
| Selenium   | 77-2  | 439.95    | 428.96    | 494.12    | 454.35     | 7.68    | ppb   |
| Selenium   | 78-2  | 490.96    | 445.45    | 481.20    | 472.54     | 5.07    | ppb   |
| Selenium   | 82-1  | 480.43    | 472.76    | 474.88    | 476.02     | 0.83    | ppb   |
| Silicon    | 28-1  | 519.10    | 517.77    | 514.21    | 517.02     | 0.49    | ppb   |
| Silver     | 109-1 | 483.96    | 477.47    | 471.39    | 477.61     | 1.32    | ppb   |
| Silver     | 107-1 | 480.95    | 477.54    | 477.52    | 478.67     | 0.41    | ppb   |
| Sodium     | 23-2  | 243047.35 | 245335.65 | 249139.58 | 245840.86  | 1.25    | ppb   |
| Strontium  | 86-1  | 492.79    | 489.55    | 488.09    | 490.14     | 0.49    | ppb   |
| Strontium  | 88-1  | 505.89    | 497.91    | 497.21    | 500.34     | 0.96    | ppb   |
| Sulfur     | 34-1  | 8420.78   | 8124.06   | 8162.46   | 8235.76    | 1.96    | ppb   |
| Terbium    | 159-1 |           |           |           | 114        |         | %     |
| Terbium    | 159-2 |           |           |           | 112        |         | %     |
| Thallium   | 203-1 | 519.78    | 506.96    | 516.90    | 514.55     | 1.31    | ppb   |
| Thallium   | 205-1 | 514.80    | 495.97    | 508.57    | 506.45     | 1.89    | ppb   |
| Tin        | 118-1 | 500.11    | 492.73    | 497.39    | 496.75     | 0.75    | ppb   |
| Titanium   | 47-1  | 2513.26   | 2475.00   | 2473.40   | 2487.22    | 0.91    | ppb   |
| Uranium    | 238-1 | 520.68    | 501.22    | 510.03    | 510.64     | 1.91    | ppb   |
| Vanadium   | 51-2  | 486.96    | 497.30    | 497.01    | 493.76     | 1.19    | ppb   |
| Yttrium    | 89-1  |           |           |           | 109        |         | %     |
| Yttrium    | 89-2  |           |           |           | 104        |         | %     |
| Zinc       | 66-2  | 946.32    | 944.05    | 952.36    | 947.58     | 0.45    | ppb   |

|                         |                     |                   |                      |
|-------------------------|---------------------|-------------------|----------------------|
| LB Number :             | LB97237             | Operator :        | Jaswal               |
| Lab Sample ID :         | CCV98               | Instrumnet Name : | P8                   |
| Client Sample ID :      | CCV98               | Dilution Factor : | 1                    |
| Date & Time Acquired :: | 2018-08-10 19:24:36 | DataFile Name :   | 114CCV_P8081018-MS.I |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|-----------|------|---------|---------|---------|------------|---------|-------|
| Zirconium | 90-1 | 507.73  | 497.80  | 500.09  | 501.87     | 1.04    | ppb   |
| Zirconium | 91-1 | 509.62  | 503.81  | 508.81  | 507.41     | 0.62    | ppb   |

|                         |                     |                   |                     |
|-------------------------|---------------------|-------------------|---------------------|
| LB Number :             | LB97237             | Operator :        | Jaswal              |
| Lab Sample ID :         | CCB98               | Instrumnet Name : | P8                  |
| Client Sample ID :      | CCB98               | Dilution Factor : | 1                   |
| Date & Time Acquired :: | 2018-08-10 19:28:41 | DataFile Name :   | 115CCBE_P8081018-MS |

| Parameter  | Mass  | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|------------|-------|---------|---------|---------|------------|---------|-------|
| Aluminium  | 27-2  | 0.34    | -0.13   | 0.96    | 0.39       | 140.58  | ppb   |
| Antimony   | 121-1 | 0.56    | 0.53    | 0.54    | 0.54       | 2.90    | ppb   |
| Arsenic    | 75-2  | 0.06    | -0.05   | -0.05   | -0.01      |         | ppb   |
| Barium     | 135-1 | 0.01    | -0.01   | 0.01    | 0.00       | 361.17  | ppb   |
| Barium     | 137-1 | 0.01    | 0.00    | 0.01    | 0.01       | 65.64   | ppb   |
| Beryllium  | 9-1   | 0.16    | 0.20    | 0.20    | 0.19       | 13.69   | ppb   |
| Bismuth    | 209-1 |         |         |         | 114        |         | %     |
| Bismuth    | 209-2 |         |         |         | 110        |         | %     |
| Boron      | 10-1  | 31.50   | 30.39   | 28.38   | 30.09      | 5.26    | ppb   |
| Boron      | 11-1  | 32.62   | 31.31   | 29.80   | 31.24      | 4.51    | ppb   |
| Cadmium    | 111-1 | -0.06   | 0.06    | -0.06   | -0.02      |         | ppb   |
| Cadmium    | 106-1 | -1.20   | 0.46    | -1.21   | -0.65      |         | ppb   |
| Cadmium    | 108-1 | 0.10    | 0.07    | 0.10    | 0.09       | 17.44   | ppb   |
| Calcium    | 43-1  | 3.37    | 7.52    | 0.44    | 3.78       | 94.21   | ppb   |
| Calcium    | 44-1  | -5.54   | -5.75   | -5.80   | -5.70      |         | ppb   |
| Chromium   | 52-2  | 0.05    | 0.01    | 0.00    | 0.02       | 127.60  | ppb   |
| Cobalt     | 59-2  | -0.01   | -0.02   | 0.00    | -0.01      |         | ppb   |
| Copper     | 63-2  | -0.31   | -0.46   | -0.41   | -0.39      |         | ppb   |
| Dysprosium | 156-1 |         |         |         |            |         | cps   |
| Dysprosium | 156-2 |         |         |         |            |         | cps   |
| Erbium     | 164-1 |         |         |         |            |         | cps   |
| Erbium     | 164-2 |         |         |         |            |         | cps   |
| Gadolinium | 160-1 |         |         |         |            |         | cps   |
| Gadolinium | 160-2 |         |         |         |            |         | cps   |
| Holmium    | 165-1 |         |         |         | 115        |         | %     |
| Holmium    | 165-2 |         |         |         | 111        |         | %     |
| Indium     | 115-1 |         |         |         | 112        |         | %     |
| Indium     | 115-2 |         |         |         | 106        |         | %     |
| Iron       | 56-2  | 2.27    | 2.24    | 2.14    | 2.22       | 3.04    | ppb   |
| Iron       | 57-2  | 1.71    | 0.23    | 0.32    | 0.75       | 110.56  | ppb   |
| Krypton    | 83-1  |         |         |         |            |         | cps   |
| Lead       | 206-1 | 0.02    | 0.01    | 0.02    | 0.01       | 35.64   | ppb   |
| Lead       | 207-1 | 0.01    | 0.02    | 0.01    | 0.01       | 33.85   | ppb   |
| Lead       | 208-1 | 0.01    | 0.01    | 0.02    | 0.01       | 21.93   | ppb   |
| Lithium    | 6-1   |         |         |         | 110        |         | %     |
| Magnesium  | 24-2  | 12.99   | 11.21   | 11.14   | 11.78      | 8.87    | ppb   |

|                         |                     |                   |                     |
|-------------------------|---------------------|-------------------|---------------------|
| LB Number :             | LB97237             | Operator :        | Jaswal              |
| Lab Sample ID :         | CCB98               | Instrumnet Name : | P8                  |
| Client Sample ID :      | CCB98               | Dilution Factor : | 1                   |
| Date & Time Acquired :: | 2018-08-10 19:28:41 | DataFile Name :   | 115CCBE_P8081018-MS |

| Parameter  | Mass  | ConRep1  | ConRep2  | ConRep3  | Avg. Conc. | ConcRSD | Units |
|------------|-------|----------|----------|----------|------------|---------|-------|
| Manganese  | 55-2  | -0.33    | -0.43    | -0.31    | -0.35      |         | ppb   |
| Molybdenum | 94-1  | 0.70     | 0.67     | 0.58     | 0.65       | 9.90    | ppb   |
| Molybdenum | 95-1  | 0.57     | 0.68     | 0.50     | 0.58       | 14.90   | ppb   |
| Molybdenum | 96-1  | 0.64     | 0.56     | 0.48     | 0.56       | 14.25   | ppb   |
| Molybdenum | 97-1  | 0.65     | 0.56     | 0.58     | 0.60       | 7.60    | ppb   |
| Molybdenum | 98-1  | 0.62     | 0.59     | 0.51     | 0.58       | 10.21   | ppb   |
| Neodymium  | 150-1 |          |          |          |            |         | cps   |
| Neodymium  | 150-2 |          |          |          |            |         | cps   |
| Nickel     | 60-2  | -0.14    | -0.12    | -0.17    | -0.14      |         | ppb   |
| Phosphorus | 31-2  | -17.95   | 9.79     | -17.95   | -8.70      |         | ppb   |
| Potassium  | 39-2  | 17.66    | 10.58    | 34.83    | 21.02      | 59.31   | ppb   |
| Rhodium    | 103-1 |          |          |          | 111        |         | %     |
| Rhodium    | 103-2 |          |          |          | 107        |         | %     |
| Scandium   | 45-1  |          |          |          | 107        |         | %     |
| Scandium   | 45-2  |          |          |          | 97         |         | %     |
| Selenium   | 77-2  | 0.00     | 0.00     | 6.19     | 2.06       | 173.21  | ppb   |
| Selenium   | 78-2  | 0.95     | 1.90     | 0.99     | 1.28       | 42.04   | ppb   |
| Selenium   | 82-1  | 0.14     | 0.17     | 0.35     | 0.22       | 52.12   | ppb   |
| Silicon    | 28-1  | -13.11   | -12.34   | -12.45   | -12.63     |         | ppb   |
| Silver     | 109-1 | 0.08     | 0.06     | 0.06     | 0.07       | 19.40   | ppb   |
| Silver     | 107-1 | 0.07     | 0.07     | 0.06     | 0.07       | 12.12   | ppb   |
| Sodium     | 23-2  | 202.26   | 227.51   | 227.51   | 219.09     | 6.65    | ppb   |
| Strontium  | 86-1  | -0.02    | -0.02    | -0.02    | -0.02      |         | ppb   |
| Strontium  | 88-1  | 0.02     | 0.02     | 0.02     | 0.02       | 11.65   | ppb   |
| Sulfur     | 34-1  | -1652.79 | -1521.59 | -1658.67 | -1611.02   |         | ppb   |
| Terbium    | 159-1 |          |          |          | 114        |         | %     |
| Terbium    | 159-2 |          |          |          | 111        |         | %     |
| Thallium   | 203-1 | 0.08     | 0.07     | 0.05     | 0.06       | 25.60   | ppb   |
| Thallium   | 205-1 | 0.08     | 0.07     | 0.06     | 0.07       | 9.23    | ppb   |
| Tin        | 118-1 | 0.31     | 0.28     | 0.14     | 0.24       | 37.66   | ppb   |
| Titanium   | 47-1  | 0.09     | 0.05     | 0.06     | 0.07       | 33.11   | ppb   |
| Uranium    | 238-1 | 0.01     | 0.00     | 0.01     | 0.01       | 33.43   | ppb   |
| Vanadium   | 51-2  | 0.02     | 0.00     | 0.02     | 0.01       | 126.12  | ppb   |
| Yttrium    | 89-1  |          |          |          | 110        |         | %     |
| Yttrium    | 89-2  |          |          |          | 103        |         | %     |
| Zinc       | 66-2  | 0.55     | 0.75     | 0.50     | 0.60       | 22.54   | ppb   |

|                         |                     |                   |                     |
|-------------------------|---------------------|-------------------|---------------------|
| LB Number :             | LB97237             | Operator :        | Jaswal              |
| Lab Sample ID :         | CCB98               | Instrumnet Name : | P8                  |
| Client Sample ID :      | CCB98               | Dilution Factor : | 1                   |
| Date & Time Acquired :: | 2018-08-10 19:28:41 | DataFile Name :   | 115CCBE_P8081018-MS |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|-----------|------|---------|---------|---------|------------|---------|-------|
| Zirconium | 90-1 | 0.18    | 0.18    | 0.16    | 0.17       | 7.47    | ppb   |
| Zirconium | 91-1 | 0.21    | 0.22    | 0.16    | 0.19       | 17.13   | ppb   |



|                         |                     |                   |                     |
|-------------------------|---------------------|-------------------|---------------------|
| LB Number :             | LB97237             | Operator :        | Jaswal              |
| Lab Sample ID :         | J4379-19            | Instrumnet Name : | P8                  |
| Client Sample ID :      | MW-102S             | Dilution Factor : | 1                   |
| Date & Time Acquired :: | 2018-08-10 19:32:02 | DataFile Name :   | 116SMPL_P8081018-MS |

| Parameter  | Mass  | ConRep1  | ConRep2  | ConRep3  | Avg. Conc. | ConcRSD | Units |
|------------|-------|----------|----------|----------|------------|---------|-------|
| Aluminium  | 27-2  | 882.01   | 882.99   | 873.63   | 879.55     | 0.58    | ppb   |
| Antimony   | 121-1 | 4.82     | 4.66     | 4.73     | 4.74       | 1.68    | ppb   |
| Arsenic    | 75-2  | 1.38     | 1.25     | 1.80     | 1.48       | 19.19   | ppb   |
| Barium     | 135-1 | 45.86    | 45.61    | 46.64    | 46.04      | 1.17    | ppb   |
| Barium     | 137-1 | 45.99    | 45.97    | 47.15    | 46.37      | 1.46    | ppb   |
| Beryllium  | 9-1   | 0.14     | 0.12     | 0.01     | 0.09       | 80.60   | ppb   |
| Bismuth    | 209-1 |          |          |          | 115        |         | %     |
| Bismuth    | 209-2 |          |          |          | 102        |         | %     |
| Boron      | 10-1  | 40.28    | 39.58    | 40.55    | 40.14      | 1.26    | ppb   |
| Boron      | 11-1  | 39.66    | 38.05    | 37.79    | 38.50      | 2.64    | ppb   |
| Cadmium    | 111-1 | 0.04     | -0.03    | 0.00     | 0.00       | 2428.66 | ppb   |
| Cadmium    | 106-1 | -0.25    | -1.32    | -0.82    | -0.80      |         | ppb   |
| Cadmium    | 108-1 | 0.50     | 0.20     | 0.32     | 0.34       | 45.00   | ppb   |
| Calcium    | 43-1  | 22069.21 | 22346.79 | 22281.43 | 22232.48   | 0.65    | ppb   |
| Calcium    | 44-1  | 22342.40 | 22466.29 | 22428.04 | 22412.24   | 0.28    | ppb   |
| Chromium   | 52-2  | 7.44     | 7.55     | 7.55     | 7.51       | 0.82    | ppb   |
| Cobalt     | 59-2  | 0.13     | 0.12     | 0.12     | 0.13       | 2.77    | ppb   |
| Copper     | 63-2  | 8.68     | 8.56     | 8.69     | 8.64       | 0.84    | ppb   |
| Dysprosium | 156-1 |          |          |          |            |         | cps   |
| Dysprosium | 156-2 |          |          |          |            |         | cps   |
| Erbium     | 164-1 |          |          |          |            |         | cps   |
| Erbium     | 164-2 |          |          |          |            |         | cps   |
| Gadolinium | 160-1 |          |          |          |            |         | cps   |
| Gadolinium | 160-2 |          |          |          |            |         | cps   |
| Holmium    | 165-1 |          |          |          | 110        |         | %     |
| Holmium    | 165-2 |          |          |          | 101        |         | %     |
| Indium     | 115-1 |          |          |          | 104        |         | %     |
| Indium     | 115-2 |          |          |          | 89         |         | %     |
| Iron       | 56-2  | 143.21   | 147.59   | 141.72   | 144.18     | 2.12    | ppb   |
| Iron       | 57-2  | 151.65   | 162.73   | 143.10   | 152.50     | 6.46    | ppb   |
| Krypton    | 83-1  |          |          |          |            |         | cps   |
| Lead       | 206-1 | 0.70     | 0.73     | 0.70     | 0.71       | 2.11    | ppb   |
| Lead       | 207-1 | 0.62     | 0.62     | 0.66     | 0.64       | 3.99    | ppb   |
| Lead       | 208-1 | 0.67     | 0.67     | 0.68     | 0.67       | 0.70    | ppb   |
| Lithium    | 6-1   |          |          |          | 118        |         | %     |
| Magnesium  | 24-2  | 83.64    | 84.15    | 78.82    | 82.21      | 3.58    | ppb   |

|                         |                     |                   |                     |
|-------------------------|---------------------|-------------------|---------------------|
| LB Number :             | LB97237             | Operator :        | Jaswal              |
| Lab Sample ID :         | J4379-19            | Instrumnet Name : | P8                  |
| Client Sample ID :      | MW-102S             | Dilution Factor : | 1                   |
| Date & Time Acquired :: | 2018-08-10 19:32:02 | DataFile Name :   | 116SMPL_P8081018-MS |

| Parameter  | Mass  | ConRep1  | ConRep2  | ConRep3  | Avg. Conc. | ConcRSD | Units |
|------------|-------|----------|----------|----------|------------|---------|-------|
| Manganese  | 55-2  | 6.89     | 5.64     | 5.73     | 6.09       | 11.40   | ppb   |
| Molybdenum | 94-1  | 2.97     | 2.65     | 2.48     | 2.70       | 9.12    | ppb   |
| Molybdenum | 95-1  | 2.20     | 2.18     | 2.11     | 2.17       | 2.17    | ppb   |
| Molybdenum | 96-1  | 2.34     | 2.19     | 2.17     | 2.24       | 4.11    | ppb   |
| Molybdenum | 97-1  | 2.36     | 2.13     | 2.39     | 2.29       | 6.18    | ppb   |
| Molybdenum | 98-1  | 2.26     | 2.22     | 2.27     | 2.25       | 1.26    | ppb   |
| Neodymium  | 150-1 |          |          |          |            |         | cps   |
| Neodymium  | 150-2 |          |          |          |            |         | cps   |
| Nickel     | 60-2  | 0.30     | 0.35     | 0.30     | 0.32       | 9.44    | ppb   |
| Phosphorus | 31-2  | 17.21    | -17.95   | -17.95   | -6.23      |         | ppb   |
| Potassium  | 39-2  | 4962.29  | 4929.23  | 4798.24  | 4896.59    | 1.77    | ppb   |
| Rhodium    | 103-1 |          |          |          | 100        |         | %     |
| Rhodium    | 103-2 |          |          |          | 94         |         | %     |
| Scandium   | 45-1  |          |          |          | 91         |         | %     |
| Scandium   | 45-2  |          |          |          | 77         |         | %     |
| Selenium   | 77-2  | 0.00     | 0.00     | 0.00     | 0.00       | N/A     | ppb   |
| Selenium   | 78-2  | 1.17     | 1.18     | 0.00     | 0.78       | 86.60   | ppb   |
| Selenium   | 82-1  | 0.09     | 0.97     | 0.46     | 0.51       | 87.95   | ppb   |
| Silicon    | 28-1  | 6472.38  | 6589.65  | 6430.41  | 6497.48    | 1.27    | ppb   |
| Silver     | 109-1 | 0.25     | 0.19     | 0.15     | 0.19       | 26.79   | ppb   |
| Silver     | 107-1 | 0.24     | 0.19     | 0.14     | 0.19       | 25.91   | ppb   |
| Sodium     | 23-2  | 10804.72 | 10855.91 | 10567.92 | 10742.85   | 1.43    | ppb   |
| Strontium  | 86-1  | 425.69   | 425.06   | 431.44   | 427.40     | 0.82    | ppb   |
| Strontium  | 88-1  | 436.32   | 435.51   | 442.76   | 438.20     | 0.91    | ppb   |
| Sulfur     | 34-1  | 2235.82  | 2311.85  | 1904.55  | 2150.74    | 10.07   | ppb   |
| Terbium    | 159-1 |          |          |          | 109        |         | %     |
| Terbium    | 159-2 |          |          |          | 100        |         | %     |
| Thallium   | 203-1 | 0.19     | 0.14     | 0.14     | 0.16       | 19.66   | ppb   |
| Thallium   | 205-1 | 0.17     | 0.14     | 0.12     | 0.14       | 18.43   | ppb   |
| Tin        | 118-1 | 3.13     | 2.96     | 2.90     | 3.00       | 3.99    | ppb   |
| Titanium   | 47-1  | 3.97     | 3.68     | 8.72     | 5.46       | 51.85   | ppb   |
| Uranium    | 238-1 | 0.02     | 0.02     | 0.02     | 0.02       | 8.77    | ppb   |
| Vanadium   | 51-2  | 7.36     | 7.44     | 7.33     | 7.38       | 0.77    | ppb   |
| Yttrium    | 89-1  |          |          |          | 99         |         | %     |
| Yttrium    | 89-2  |          |          |          | 84         |         | %     |
| Zinc       | 66-2  | 30.76    | 34.15    | 31.06    | 31.99      | 5.87    | ppb   |

|                         |                     |                   |                     |
|-------------------------|---------------------|-------------------|---------------------|
| LB Number :             | LB97237             | Operator :        | Jaswal              |
| Lab Sample ID :         | J4379-19            | Instrumnet Name : | P8                  |
| Client Sample ID :      | MW-102S             | Dilution Factor : | 1                   |
| Date & Time Acquired :: | 2018-08-10 19:32:02 | DataFile Name :   | 116SMPL_P8081018-MS |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|-----------|------|---------|---------|---------|------------|---------|-------|
| Zirconium | 90-1 | 0.85    | 0.72    | 0.67    | 0.75       | 12.31   | ppb   |
| Zirconium | 91-1 | 0.77    | 0.75    | 0.74    | 0.75       | 2.36    | ppb   |

|                         |                     |                   |                     |
|-------------------------|---------------------|-------------------|---------------------|
| LB Number :             | LB97237             | Operator :        | Jaswal              |
| Lab Sample ID :         | J4379-20            | Instrumnet Name : | P8                  |
| Client Sample ID :      | MW-102I             | Dilution Factor : | 1                   |
| Date & Time Acquired :: | 2018-08-10 19:35:22 | DataFile Name :   | 117SMPL_P8081018-MS |

| Parameter  | Mass  | ConRep1  | ConRep2  | ConRep3  | Avg. Conc. | ConcRSD | Units |
|------------|-------|----------|----------|----------|------------|---------|-------|
| Aluminium  | 27-2  | 382.08   | 360.32   | 362.64   | 368.35     | 3.24    | ppb   |
| Antimony   | 121-1 | 2.33     | 2.49     | 2.52     | 2.45       | 4.07    | ppb   |
| Arsenic    | 75-2  | 2.13     | 2.02     | 1.83     | 1.99       | 7.55    | ppb   |
| Barium     | 135-1 | 32.71    | 32.44    | 32.66    | 32.60      | 0.45    | ppb   |
| Barium     | 137-1 | 32.30    | 32.37    | 33.00    | 32.56      | 1.18    | ppb   |
| Beryllium  | 9-1   | 0.06     | 0.08     | 0.12     | 0.09       | 31.15   | ppb   |
| Bismuth    | 209-1 |          |          |          | 113        |         | %     |
| Bismuth    | 209-2 |          |          |          | 99         |         | %     |
| Boron      | 10-1  | 99.32    | 104.05   | 106.20   | 103.19     | 3.41    | ppb   |
| Boron      | 11-1  | 99.68    | 102.47   | 106.43   | 102.86     | 3.30    | ppb   |
| Cadmium    | 111-1 | -0.01    | -0.09    | 0.01     | -0.03      |         | ppb   |
| Cadmium    | 106-1 | -0.81    | -2.14    | -0.14    | -1.03      |         | ppb   |
| Cadmium    | 108-1 | 0.32     | 0.35     | 0.25     | 0.31       | 15.20   | ppb   |
| Calcium    | 43-1  | 30221.13 | 30905.95 | 31339.54 | 30822.21   | 1.83    | ppb   |
| Calcium    | 44-1  | 30284.36 | 30589.46 | 31074.76 | 30649.52   | 1.30    | ppb   |
| Chromium   | 52-2  | 3.86     | 3.91     | 4.07     | 3.95       | 2.72    | ppb   |
| Cobalt     | 59-2  | 0.49     | 0.59     | 0.65     | 0.58       | 13.47   | ppb   |
| Copper     | 63-2  | 13.25    | 13.50    | 14.08    | 13.61      | 3.12    | 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 |          |          |          | 111        |         | %     |
| Holmium    | 165-2 |          |          |          | 101        |         | %     |
| Indium     | 115-1 |          |          |          | 104        |         | %     |
| Indium     | 115-2 |          |          |          | 88         |         | %     |
| Iron       | 56-2  | 862.20   | 875.22   | 891.77   | 876.40     | 1.69    | ppb   |
| Iron       | 57-2  | 842.61   | 911.99   | 873.69   | 876.10     | 3.97    | ppb   |
| Krypton    | 83-1  |          |          |          |            |         | cps   |
| Lead       | 206-1 | 8.58     | 8.66     | 8.69     | 8.64       | 0.70    | ppb   |
| Lead       | 207-1 | 8.11     | 7.80     | 7.86     | 7.93       | 2.06    | ppb   |
| Lead       | 208-1 | 8.26     | 8.20     | 8.18     | 8.22       | 0.51    | ppb   |
| Lithium    | 6-1   |          |          |          | 119        |         | %     |
| Magnesium  | 24-2  | 7050.92  | 7202.92  | 7352.89  | 7202.24    | 2.10    | ppb   |

|                         |                     |                   |                     |
|-------------------------|---------------------|-------------------|---------------------|
| LB Number :             | LB97237             | Operator :        | Jaswal              |
| Lab Sample ID :         | J4379-20            | Instrumnet Name : | P8                  |
| Client Sample ID :      | MW-102I             | Dilution Factor : | 1                   |
| Date & Time Acquired :: | 2018-08-10 19:35:22 | DataFile Name :   | 117SMPL_P8081018-MS |

| Parameter  | Mass  | ConRep1  | ConRep2  | ConRep3  | Avg. Conc. | ConcRSD | Units |
|------------|-------|----------|----------|----------|------------|---------|-------|
| Manganese  | 55-2  | 30.30    | 30.98    | 31.00    | 30.76      | 1.30    | ppb   |
| Molybdenum | 94-1  | 1.55     | 1.47     | 1.38     | 1.47       | 5.75    | ppb   |
| Molybdenum | 95-1  | 0.86     | 0.83     | 0.84     | 0.85       | 2.08    | ppb   |
| Molybdenum | 96-1  | 0.97     | 0.94     | 0.97     | 0.96       | 1.72    | ppb   |
| Molybdenum | 97-1  | 0.74     | 0.81     | 0.86     | 0.80       | 7.08    | ppb   |
| Molybdenum | 98-1  | 0.87     | 0.86     | 0.83     | 0.85       | 2.55    | ppb   |
| Neodymium  | 150-1 |          |          |          |            |         | cps   |
| Neodymium  | 150-2 |          |          |          |            |         | cps   |
| Nickel     | 60-2  | 1.40     | 1.70     | 1.48     | 1.53       | 10.03   | ppb   |
| Phosphorus | 31-2  | 50.99    | 122.17   | 88.92    | 87.36      | 40.77   | ppb   |
| Potassium  | 39-2  | 29567.97 | 30106.11 | 30298.94 | 29991.01   | 1.26    | ppb   |
| Rhodium    | 103-1 |          |          |          | 99         |         | %     |
| Rhodium    | 103-2 |          |          |          | 93         |         | %     |
| Scandium   | 45-1  |          |          |          | 90         |         | %     |
| Scandium   | 45-2  |          |          |          | 78         |         | %     |
| Selenium   | 77-2  | 0.00     | 0.00     | 14.82    | 4.94       | 173.21  | ppb   |
| Selenium   | 78-2  | 2.35     | 0.00     | 0.00     | 0.78       | 173.21  | ppb   |
| Selenium   | 82-1  | 0.35     | 0.88     | 0.69     | 0.64       | 41.82   | ppb   |
| Silicon    | 28-1  | 4282.45  | 4338.49  | 4359.60  | 4326.84    | 0.92    | ppb   |
| Silver     | 109-1 | 0.09     | 0.08     | 0.08     | 0.09       | 4.31    | ppb   |
| Silver     | 107-1 | 0.10     | 0.09     | 0.09     | 0.09       | 10.51   | ppb   |
| Sodium     | 23-2  | 44291.53 | 44485.70 | 45851.28 | 44876.17   | 1.89    | ppb   |
| Strontium  | 86-1  | 178.51   | 179.45   | 179.33   | 179.10     | 0.29    | ppb   |
| Strontium  | 88-1  | 183.71   | 184.27   | 185.30   | 184.43     | 0.44    | ppb   |
| Sulfur     | 34-1  | 4918.37  | 4981.11  | 5074.57  | 4991.35    | 1.57    | ppb   |
| Terbium    | 159-1 |          |          |          | 110        |         | %     |
| Terbium    | 159-2 |          |          |          | 100        |         | %     |
| Thallium   | 203-1 | 0.06     | 0.06     | 0.06     | 0.06       | 1.60    | ppb   |
| Thallium   | 205-1 | 0.07     | 0.06     | 0.07     | 0.07       | 7.72    | ppb   |
| Tin        | 118-1 | 3.16     | 3.10     | 3.03     | 3.10       | 2.09    | ppb   |
| Titanium   | 47-1  | 18.17    | 17.42    | 17.40    | 17.66      | 2.49    | ppb   |
| Uranium    | 238-1 | 1.98     | 2.00     | 2.01     | 1.99       | 0.67    | ppb   |
| Vanadium   | 51-2  | 3.83     | 4.10     | 4.51     | 4.14       | 8.25    | ppb   |
| Yttrium    | 89-1  |          |          |          | 100        |         | %     |
| Yttrium    | 89-2  |          |          |          | 84         |         | %     |
| Zinc       | 66-2  | 54.02    | 52.58    | 53.18    | 53.26      | 1.36    | ppb   |

|                         |                     |                   |                     |
|-------------------------|---------------------|-------------------|---------------------|
| LB Number :             | LB97237             | Operator :        | Jaswal              |
| Lab Sample ID :         | J4379-20            | Instrumnet Name : | P8                  |
| Client Sample ID :      | MW-102I             | Dilution Factor : | 1                   |
| Date & Time Acquired :: | 2018-08-10 19:35:22 | DataFile Name :   | 117SMPL_P8081018-MS |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|-----------|------|---------|---------|---------|------------|---------|-------|
| Zirconium | 90-1 | 0.64    | 0.53    | 0.56    | 0.57       | 9.99    | ppb   |
| Zirconium | 91-1 | 0.62    | 0.62    | 0.50    | 0.58       | 11.78   | ppb   |

|                         |                     |                   |                     |
|-------------------------|---------------------|-------------------|---------------------|
| LB Number :             | LB97237             | Operator :        | Jaswal              |
| Lab Sample ID :         | J4379-21            | Instrumnet Name : | P8                  |
| Client Sample ID :      | MW-102D             | Dilution Factor : | 1                   |
| Date & Time Acquired :: | 2018-08-10 19:38:41 | DataFile Name :   | 118SMPL_P8081018-MS |

| Parameter  | Mass  | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|------------|-------|---------|---------|---------|------------|---------|-------|
| Aluminium  | 27-2  | 698.14  | 639.84  | 651.58  | 663.18     | 4.65    | ppb   |
| Antimony   | 121-1 | 2.16    | 2.28    | 2.38    | 2.27       | 4.74    | ppb   |
| Arsenic    | 75-2  | 5.26    | 5.18    | 5.75    | 5.40       | 5.74    | ppb   |
| Barium     | 135-1 | 15.84   | 16.49   | 16.67   | 16.33      | 2.65    | ppb   |
| Barium     | 137-1 | 16.62   | 16.27   | 16.81   | 16.57      | 1.64    | ppb   |
| Beryllium  | 9-1   | 0.11    | 0.06    | 0.10    | 0.09       | 27.74   | ppb   |
| Bismuth    | 209-1 |         |         |         | 109        |         | %     |
| Bismuth    | 209-2 |         |         |         | 94         |         | %     |
| Boron      | 10-1  | 351.91  | 346.25  | 357.17  | 351.78     | 1.55    | ppb   |
| Boron      | 11-1  | 345.19  | 352.57  | 360.23  | 352.66     | 2.13    | ppb   |
| Cadmium    | 111-1 | -0.07   | -0.12   | -0.11   | -0.10      |         | ppb   |
| Cadmium    | 106-1 | -1.67   | -2.25   | -1.95   | -1.96      |         | ppb   |
| Cadmium    | 108-1 | 0.08    | 0.14    | 0.08    | 0.10       | 34.76   | ppb   |
| Calcium    | 43-1  | 6884.83 | 6754.96 | 6981.26 | 6873.68    | 1.65    | ppb   |
| Calcium    | 44-1  | 7013.28 | 7004.97 | 7131.04 | 7049.76    | 1.00    | ppb   |
| Chromium   | 52-2  | 4.29    | 3.75    | 3.79    | 3.94       | 7.58    | ppb   |
| Cobalt     | 59-2  | 0.79    | 0.70    | 0.79    | 0.76       | 6.58    | ppb   |
| Copper     | 63-2  | 12.21   | 11.18   | 11.44   | 11.61      | 4.64    | 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 |         |         |         | 109        |         | %     |
| Holmium    | 165-2 |         |         |         | 96         |         | %     |
| Indium     | 115-1 |         |         |         | 101        |         | %     |
| Indium     | 115-2 |         |         |         | 83         |         | %     |
| Iron       | 56-2  | 1346.60 | 1206.37 | 1221.99 | 1258.32    | 6.11    | ppb   |
| Iron       | 57-2  | 1393.27 | 1207.21 | 1181.90 | 1260.79    | 9.16    | ppb   |
| Krypton    | 83-1  |         |         |         |            |         | cps   |
| Lead       | 206-1 | 5.27    | 5.49    | 5.53    | 5.43       | 2.59    | ppb   |
| Lead       | 207-1 | 5.13    | 5.01    | 5.02    | 5.06       | 1.28    | ppb   |
| Lead       | 208-1 | 5.20    | 5.20    | 5.24    | 5.21       | 0.47    | ppb   |
| Lithium    | 6-1   |         |         |         | 111        |         | %     |
| Magnesium  | 24-2  | 4329.05 | 3895.12 | 3873.49 | 4032.55    | 6.37    | ppb   |

|                         |                     |                   |                     |
|-------------------------|---------------------|-------------------|---------------------|
| LB Number :             | LB97237             | Operator :        | Jaswal              |
| Lab Sample ID :         | J4379-21            | Instrumnet Name : | P8                  |
| Client Sample ID :      | MW-102D             | Dilution Factor : | 1                   |
| Date & Time Acquired :: | 2018-08-10 19:38:41 | DataFile Name :   | 118SMPL_P8081018-MS |

| Parameter  | Mass  | ConRep1   | ConRep2   | ConRep3   | Avg. Conc. | ConcRSD | Units |
|------------|-------|-----------|-----------|-----------|------------|---------|-------|
| Manganese  | 55-2  | 119.58    | 109.24    | 111.23    | 113.35     | 4.84    | ppb   |
| Molybdenum | 94-1  | 2.07      | 2.16      | 1.97      | 2.07       | 4.56    | ppb   |
| Molybdenum | 95-1  | 1.13      | 1.13      | 1.19      | 1.15       | 3.20    | ppb   |
| Molybdenum | 96-1  | 1.30      | 1.28      | 1.31      | 1.29       | 1.24    | ppb   |
| Molybdenum | 97-1  | 1.21      | 1.15      | 1.26      | 1.21       | 4.33    | ppb   |
| Molybdenum | 98-1  | 1.25      | 1.24      | 1.25      | 1.25       | 0.72    | ppb   |
| Neodymium  | 150-1 |           |           |           |            |         | cps   |
| Neodymium  | 150-2 |           |           |           |            |         | cps   |
| Nickel     | 60-2  | 2.47      | 1.83      | 1.65      | 1.98       | 21.53   | ppb   |
| Phosphorus | 31-2  | 372.39    | 404.17    | 231.31    | 335.96     | 27.39   | ppb   |
| Potassium  | 39-2  | 6124.12   | 5476.07   | 5722.49   | 5774.23    | 5.66    | ppb   |
| Rhodium    | 103-1 |           |           |           | 95         |         | %     |
| Rhodium    | 103-2 |           |           |           | 88         |         | %     |
| Scandium   | 45-1  |           |           |           | 88         |         | %     |
| Scandium   | 45-2  |           |           |           | 74         |         | %     |
| Selenium   | 77-2  | 0.00      | 15.23     | 7.47      | 7.57       | 100.66  | ppb   |
| Selenium   | 78-2  | 2.55      | 2.43      | 1.19      | 2.05       | 36.52   | ppb   |
| Selenium   | 82-1  | 1.43      | 1.88      | 1.43      | 1.58       | 16.41   | ppb   |
| Silicon    | 28-1  | 8766.03   | 8522.07   | 8656.88   | 8648.33    | 1.41    | ppb   |
| Silver     | 109-1 | 0.11      | 0.08      | 0.09      | 0.09       | 20.94   | ppb   |
| Silver     | 107-1 | 0.08      | 0.09      | 0.09      | 0.09       | 4.31    | ppb   |
| Sodium     | 23-2  | 414401.78 | 371572.99 | 373575.58 | 386516.78  | 6.25    | ppb   |
| Strontium  | 86-1  | 171.08    | 171.37    | 173.95    | 172.13     | 0.92    | ppb   |
| Strontium  | 88-1  | 178.67    | 175.49    | 181.23    | 178.46     | 1.61    | ppb   |
| Sulfur     | 34-1  | 26854.61  | 26211.66  | 27011.74  | 26692.67   | 1.59    | ppb   |
| Terbium    | 159-1 |           |           |           | 108        |         | %     |
| Terbium    | 159-2 |           |           |           | 95         |         | %     |
| Thallium   | 203-1 | 0.04      | 0.03      | 0.03      | 0.03       | 17.11   | ppb   |
| Thallium   | 205-1 | 0.03      | 0.04      | 0.04      | 0.03       | 12.53   | ppb   |
| Tin        | 118-1 | 2.48      | 2.48      | 2.60      | 2.52       | 2.75    | ppb   |
| Titanium   | 47-1  | 23.94     | 26.41     | 27.84     | 26.06      | 7.59    | ppb   |
| Uranium    | 238-1 | 0.59      | 0.59      | 0.60      | 0.59       | 1.29    | ppb   |
| Vanadium   | 51-2  | 5.18      | 4.75      | 4.13      | 4.69       | 11.24   | ppb   |
| Yttrium    | 89-1  |           |           |           | 97         |         | %     |
| Yttrium    | 89-2  |           |           |           | 81         |         | %     |
| Zinc       | 66-2  | 64.94     | 57.35     | 61.02     | 61.11      | 6.21    | ppb   |



|                         |                     |                   |                     |
|-------------------------|---------------------|-------------------|---------------------|
| LB Number :             | LB97237             | Operator :        | Jaswal              |
| Lab Sample ID :         | J4379-21            | Instrumnet Name : | P8                  |
| Client Sample ID :      | MW-102D             | Dilution Factor : | 1                   |
| Date & Time Acquired :: | 2018-08-10 19:38:41 | DataFile Name :   | 118SMPL_P8081018-MS |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|-----------|------|---------|---------|---------|------------|---------|-------|
| Zirconium | 90-1 | 0.96    | 0.94    | 0.68    | 0.86       | 18.08   | ppb   |
| Zirconium | 91-1 | 0.73    | 0.74    | 0.78    | 0.75       | 3.52    | ppb   |

|                         |                     |                   |                     |
|-------------------------|---------------------|-------------------|---------------------|
| LB Number :             | LB97237             | Operator :        | Jaswal              |
| Lab Sample ID :         | J4379-22            | Instrumnet Name : | P8                  |
| Client Sample ID :      | MW-101S             | Dilution Factor : | 1                   |
| Date & Time Acquired :: | 2018-08-10 19:42:00 | DataFile Name :   | 119SMPL_P8081018-MS |

| Parameter  | Mass  | ConRep1  | ConRep2  | ConRep3  | Avg. Conc. | ConcRSD | Units |
|------------|-------|----------|----------|----------|------------|---------|-------|
| Aluminium  | 27-2  | 441.55   | 452.57   | 465.55   | 453.22     | 2.65    | ppb   |
| Antimony   | 121-1 | 3.29     | 3.36     | 3.43     | 3.36       | 2.14    | ppb   |
| Arsenic    | 75-2  | 2.34     | 2.25     | 2.12     | 2.24       | 5.11    | ppb   |
| Barium     | 135-1 | 130.00   | 126.81   | 128.31   | 128.37     | 1.24    | ppb   |
| Barium     | 137-1 | 130.48   | 127.34   | 129.21   | 129.01     | 1.22    | ppb   |
| Beryllium  | 9-1   | 0.07     | 0.06     | 0.12     | 0.08       | 36.74   | ppb   |
| Bismuth    | 209-1 |          |          |          | 105        |         | %     |
| Bismuth    | 209-2 |          |          |          | 90         |         | %     |
| Boron      | 10-1  | 300.94   | 311.62   | 316.21   | 309.59     | 2.53    | ppb   |
| Boron      | 11-1  | 301.04   | 315.47   | 318.96   | 311.82     | 3.05    | ppb   |
| Cadmium    | 111-1 | 0.11     | -0.02    | -0.06    | 0.01       | 1011.46 | ppb   |
| Cadmium    | 106-1 | -0.61    | -1.72    | -2.19    | -1.51      |         | ppb   |
| Cadmium    | 108-1 | 0.15     | 0.24     | 0.21     | 0.20       | 23.57   | ppb   |
| Calcium    | 43-1  | 88589.34 | 88642.63 | 88863.41 | 88698.46   | 0.16    | ppb   |
| Calcium    | 44-1  | 86306.43 | 86703.27 | 86839.74 | 86616.48   | 0.32    | ppb   |
| Chromium   | 52-2  | 3.14     | 2.94     | 2.95     | 3.01       | 3.83    | ppb   |
| Cobalt     | 59-2  | 4.48     | 4.45     | 4.55     | 4.49       | 1.11    | ppb   |
| Copper     | 63-2  | 17.02    | 18.08    | 17.85    | 17.65      | 3.14    | 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 |          |          |          | 104        |         | %     |
| Holmium    | 165-2 |          |          |          | 93         |         | %     |
| Indium     | 115-1 |          |          |          | 97         |         | %     |
| Indium     | 115-2 |          |          |          | 80         |         | %     |
| Iron       | 56-2  | 894.40   | 915.63   | 909.59   | 906.54     | 1.21    | ppb   |
| Iron       | 57-2  | 917.37   | 962.38   | 914.66   | 931.47     | 2.88    | ppb   |
| Krypton    | 83-1  |          |          |          |            |         | cps   |
| Lead       | 206-1 | 18.28    | 18.55    | 18.61    | 18.48      | 0.95    | ppb   |
| Lead       | 207-1 | 16.80    | 16.86    | 17.34    | 17.00      | 1.74    | ppb   |
| Lead       | 208-1 | 17.43    | 17.53    | 17.72    | 17.56      | 0.85    | ppb   |
| Lithium    | 6-1   |          |          |          | 105        |         | %     |
| Magnesium  | 24-2  | 23743.73 | 23991.46 | 24013.61 | 23916.27   | 0.63    | ppb   |

|                         |                     |                   |                     |
|-------------------------|---------------------|-------------------|---------------------|
| LB Number :             | LB97237             | Operator :        | Jaswal              |
| Lab Sample ID :         | J4379-22            | Instrumnet Name : | P8                  |
| Client Sample ID :      | MW-101S             | Dilution Factor : | 1                   |
| Date & Time Acquired :: | 2018-08-10 19:42:00 | DataFile Name :   | 119SMPL_P8081018-MS |

| Parameter  | Mass  | ConRep1   | ConRep2   | ConRep3   | Avg. Conc. | ConcRSD | Units |
|------------|-------|-----------|-----------|-----------|------------|---------|-------|
| Manganese  | 55-2  | 178.90    | 184.83    | 183.27    | 182.33     | 1.69    | ppb   |
| Molybdenum | 94-1  | 1.17      | 1.30      | 1.24      | 1.24       | 5.25    | ppb   |
| Molybdenum | 95-1  | 1.19      | 1.21      | 1.22      | 1.21       | 1.37    | ppb   |
| Molybdenum | 96-1  | 1.25      | 1.16      | 1.20      | 1.20       | 3.88    | ppb   |
| Molybdenum | 97-1  | 1.06      | 1.31      | 1.14      | 1.17       | 10.52   | ppb   |
| Molybdenum | 98-1  | 1.17      | 1.22      | 1.25      | 1.21       | 3.18    | ppb   |
| Neodymium  | 150-1 |           |           |           |            |         | cps   |
| Neodymium  | 150-2 |           |           |           |            |         | cps   |
| Nickel     | 60-2  | 4.20      | 4.27      | 4.26      | 4.24       | 0.84    | ppb   |
| Phosphorus | 31-2  | 170.33    | 136.15    | 20.54     | 109.01     | 72.01   | ppb   |
| Potassium  | 39-2  | 4731.09   | 4789.11   | 4771.64   | 4763.95    | 0.62    | ppb   |
| Rhodium    | 103-1 |           |           |           | 92         |         | %     |
| Rhodium    | 103-2 |           |           |           | 86         |         | %     |
| Scandium   | 45-1  |           |           |           | 84         |         | %     |
| Scandium   | 45-2  |           |           |           | 71         |         | %     |
| Selenium   | 77-2  | 8.09      | 0.00      | 0.00      | 2.70       | 173.21  | ppb   |
| Selenium   | 78-2  | 3.88      | 5.10      | 3.85      | 4.27       | 16.68   | ppb   |
| Selenium   | 82-1  | 3.32      | 3.51      | 4.33      | 3.72       | 14.45   | ppb   |
| Silicon    | 28-1  | 13752.67  | 13466.14  | 13655.63  | 13624.81   | 1.07    | ppb   |
| Silver     | 109-1 | 0.05      | 0.06      | 0.06      | 0.06       | 8.51    | ppb   |
| Silver     | 107-1 | 0.06      | 0.06      | 0.05      | 0.06       | 2.13    | ppb   |
| Sodium     | 23-2  | 149618.39 | 153706.76 | 154210.87 | 152512.01  | 1.65    | ppb   |
| Strontium  | 86-1  | 298.49    | 293.99    | 299.52    | 297.34     | 0.99    | ppb   |
| Strontium  | 88-1  | 304.21    | 302.21    | 308.36    | 304.93     | 1.03    | ppb   |
| Sulfur     | 34-1  | 21145.61  | 20773.10  | 21456.03  | 21124.91   | 1.62    | ppb   |
| Terbium    | 159-1 |           |           |           | 104        |         | %     |
| Terbium    | 159-2 |           |           |           | 92         |         | %     |
| Thallium   | 203-1 | 0.07      | 0.06      | 0.06      | 0.06       | 10.09   | ppb   |
| Thallium   | 205-1 | 0.06      | 0.08      | 0.07      | 0.07       | 12.71   | ppb   |
| Tin        | 118-1 | 2.50      | 2.45      | 2.50      | 2.48       | 1.18    | ppb   |
| Titanium   | 47-1  | 20.41     | 19.36     | 19.99     | 19.92      | 2.66    | ppb   |
| Uranium    | 238-1 | 0.85      | 0.83      | 0.87      | 0.85       | 2.69    | ppb   |
| Vanadium   | 51-2  | 2.64      | 2.33      | 2.51      | 2.50       | 6.24    | ppb   |
| Yttrium    | 89-1  |           |           |           | 93         |         | %     |
| Yttrium    | 89-2  |           |           |           | 77         |         | %     |
| Zinc       | 66-2  | 86.88     | 86.99     | 92.24     | 88.70      | 3.45    | ppb   |

|                         |                     |                   |                     |
|-------------------------|---------------------|-------------------|---------------------|
| LB Number :             | LB97237             | Operator :        | Jaswal              |
| Lab Sample ID :         | J4379-22            | Instrumnet Name : | P8                  |
| Client Sample ID :      | MW-101S             | Dilution Factor : | 1                   |
| Date & Time Acquired :: | 2018-08-10 19:42:00 | DataFile Name :   | 119SMPL_P8081018-MS |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|-----------|------|---------|---------|---------|------------|---------|-------|
| Zirconium | 90-1 | 0.31    | 0.29    | 0.37    | 0.32       | 12.66   | ppb   |
| Zirconium | 91-1 | 0.26    | 0.28    | 0.26    | 0.26       | 3.84    | ppb   |

|                         |                     |                   |                     |
|-------------------------|---------------------|-------------------|---------------------|
| LB Number :             | LB97237             | Operator :        | Jaswal              |
| Lab Sample ID :         | J4379-23            | Instrumnet Name : | P8                  |
| Client Sample ID :      | MW-1011             | Dilution Factor : | 1                   |
| Date & Time Acquired :: | 2018-08-10 19:45:19 | DataFile Name :   | 120SMPL_P8081018-MS |

| Parameter  | Mass  | ConRep1  | ConRep2  | ConRep3  | Avg. Conc. | ConcRSD | Units |
|------------|-------|----------|----------|----------|------------|---------|-------|
| Aluminium  | 27-2  | 249.73   | 257.15   | 250.30   | 252.39     | 1.64    | ppb   |
| Antimony   | 121-1 | 2.24     | 2.43     | 2.43     | 2.37       | 4.78    | ppb   |
| Arsenic    | 75-2  | 1.60     | 1.65     | 1.69     | 1.65       | 2.82    | ppb   |
| Barium     | 135-1 | 97.62    | 99.61    | 99.91    | 99.04      | 1.25    | ppb   |
| Barium     | 137-1 | 98.92    | 99.31    | 98.26    | 98.83      | 0.54    | ppb   |
| Beryllium  | 9-1   | 0.06     | 0.11     | 0.06     | 0.08       | 36.06   | ppb   |
| Bismuth    | 209-1 |          |          |          | 104        |         | %     |
| Bismuth    | 209-2 |          |          |          | 91         |         | %     |
| Boron      | 10-1  | 233.26   | 233.21   | 244.47   | 236.98     | 2.74    | ppb   |
| Boron      | 11-1  | 229.53   | 238.94   | 245.86   | 238.11     | 3.44    | ppb   |
| Cadmium    | 111-1 | -0.08    | -0.13    | -0.09    | -0.10      |         | ppb   |
| Cadmium    | 106-1 | -1.27    | -2.28    | -1.53    | -1.69      |         | ppb   |
| Cadmium    | 108-1 | -0.01    | 0.15     | 0.15     | 0.09       | 97.74   | ppb   |
| Calcium    | 43-1  | 50512.22 | 50553.34 | 50770.53 | 50612.03   | 0.27    | ppb   |
| Calcium    | 44-1  | 50660.43 | 50647.51 | 50955.82 | 50754.58   | 0.34    | ppb   |
| Chromium   | 52-2  | 4.31     | 4.34     | 4.06     | 4.24       | 3.61    | ppb   |
| Cobalt     | 59-2  | 0.24     | 0.24     | 0.26     | 0.25       | 4.55    | ppb   |
| Copper     | 63-2  | 8.26     | 8.24     | 8.48     | 8.33       | 1.63    | ppb   |
| Dysprosium | 156-1 |          |          |          |            |         | cps   |
| Dysprosium | 156-2 |          |          |          |            |         | cps   |
| Erbium     | 164-1 |          |          |          |            |         | cps   |
| Erbium     | 164-2 |          |          |          |            |         | cps   |
| Gadolinium | 160-1 |          |          |          |            |         | cps   |
| Gadolinium | 160-2 |          |          |          |            |         | cps   |
| Holmium    | 165-1 |          |          |          | 105        |         | %     |
| Holmium    | 165-2 |          |          |          | 94         |         | %     |
| Indium     | 115-1 |          |          |          | 96         |         | %     |
| Indium     | 115-2 |          |          |          | 80         |         | %     |
| Iron       | 56-2  | 675.97   | 675.64   | 685.67   | 679.09     | 0.84    | ppb   |
| Iron       | 57-2  | 710.99   | 689.33   | 694.30   | 698.21     | 1.63    | ppb   |
| Krypton    | 83-1  |          |          |          |            |         | cps   |
| Lead       | 206-1 | 7.82     | 7.88     | 8.08     | 7.93       | 1.69    | ppb   |
| Lead       | 207-1 | 7.32     | 7.26     | 7.30     | 7.29       | 0.38    | ppb   |
| Lead       | 208-1 | 7.43     | 7.45     | 7.61     | 7.50       | 1.35    | ppb   |
| Lithium    | 6-1   |          |          |          | 104        |         | %     |
| Magnesium  | 24-2  | 52792.14 | 52906.13 | 53660.02 | 53119.43   | 0.89    | ppb   |

|                         |                     |                   |                     |
|-------------------------|---------------------|-------------------|---------------------|
| LB Number :             | LB97237             | Operator :        | Jaswal              |
| Lab Sample ID :         | J4379-23            | Instrumnet Name : | P8                  |
| Client Sample ID :      | MW-101I             | Dilution Factor : | 1                   |
| Date & Time Acquired :: | 2018-08-10 19:45:19 | DataFile Name :   | 120SMPL_P8081018-MS |

| Parameter  | Mass  | ConRep1  | ConRep2  | ConRep3  | Avg. Conc. | ConcRSD | Units |
|------------|-------|----------|----------|----------|------------|---------|-------|
| Manganese  | 55-2  | 16.63    | 17.07    | 18.66    | 17.45      | 6.11    | ppb   |
| Molybdenum | 94-1  | 1.16     | 0.99     | 1.04     | 1.07       | 8.30    | ppb   |
| Molybdenum | 95-1  | 0.93     | 0.93     | 0.94     | 0.93       | 0.26    | ppb   |
| Molybdenum | 96-1  | 0.99     | 0.95     | 0.98     | 0.97       | 2.05    | ppb   |
| Molybdenum | 97-1  | 1.01     | 0.94     | 0.92     | 0.96       | 5.03    | ppb   |
| Molybdenum | 98-1  | 1.04     | 0.98     | 1.02     | 1.02       | 2.87    | ppb   |
| Neodymium  | 150-1 |          |          |          |            |         | cps   |
| Neodymium  | 150-2 |          |          |          |            |         | cps   |
| Nickel     | 60-2  | 1.08     | 1.17     | 1.13     | 1.13       | 4.27    | ppb   |
| Phosphorus | 31-2  | 166.10   | 167.58   | 56.44    | 130.04     | 49.02   | ppb   |
| Potassium  | 39-2  | 11720.84 | 11702.18 | 11854.18 | 11759.07   | 0.70    | ppb   |
| Rhodium    | 103-1 |          |          |          | 92         |         | %     |
| Rhodium    | 103-2 |          |          |          | 87         |         | %     |
| Scandium   | 45-1  |          |          |          | 84         |         | %     |
| Scandium   | 45-2  |          |          |          | 73         |         | %     |
| Selenium   | 77-2  | 7.85     | 0.00     | 0.00     | 2.62       | 173.21  | ppb   |
| Selenium   | 78-2  | 1.25     | 1.26     | 1.25     | 1.26       | 0.54    | ppb   |
| Selenium   | 82-1  | 1.41     | 1.61     | 1.86     | 1.63       | 13.69   | ppb   |
| Silicon    | 28-1  | 8513.94  | 8511.24  | 8556.09  | 8527.09    | 0.29    | ppb   |
| Silver     | 109-1 | 0.05     | 0.04     | 0.07     | 0.05       | 25.15   | ppb   |
| Silver     | 107-1 | 0.04     | 0.04     | 0.05     | 0.04       | 8.79    | ppb   |
| Sodium     | 23-2  | 55754.30 | 54638.51 | 55985.63 | 55459.48   | 1.30    | ppb   |
| Strontium  | 86-1  | 312.22   | 311.24   | 309.94   | 311.13     | 0.37    | ppb   |
| Strontium  | 88-1  | 322.86   | 320.37   | 319.03   | 320.75     | 0.61    | ppb   |
| Sulfur     | 34-1  | 15789.83 | 15624.18 | 16041.93 | 15818.65   | 1.33    | ppb   |
| Terbium    | 159-1 |          |          |          | 104        |         | %     |
| Terbium    | 159-2 |          |          |          | 93         |         | %     |
| Thallium   | 203-1 | 0.02     | 0.01     | 0.01     | 0.01       | 53.89   | ppb   |
| Thallium   | 205-1 | 0.02     | 0.02     | 0.02     | 0.02       | 9.62    | ppb   |
| Tin        | 118-1 | 2.21     | 2.28     | 2.32     | 2.27       | 2.53    | ppb   |
| Titanium   | 47-1  | 13.78    | 14.14    | 13.72    | 13.88      | 1.65    | ppb   |
| Uranium    | 238-1 | 1.70     | 1.65     | 1.76     | 1.70       | 3.06    | ppb   |
| Vanadium   | 51-2  | 3.75     | 3.68     | 3.57     | 3.67       | 2.43    | ppb   |
| Yttrium    | 89-1  |          |          |          | 93         |         | %     |
| Yttrium    | 89-2  |          |          |          | 79         |         | %     |
| Zinc       | 66-2  | 108.39   | 110.20   | 109.64   | 109.41     | 0.85    | ppb   |

|                         |                     |                   |                     |
|-------------------------|---------------------|-------------------|---------------------|
| LB Number :             | LB97237             | Operator :        | Jaswal              |
| Lab Sample ID :         | J4379-23            | Instrumnet Name : | P8                  |
| Client Sample ID :      | MW-101I             | Dilution Factor : | 1                   |
| Date & Time Acquired :: | 2018-08-10 19:45:19 | DataFile Name :   | 120SMPL_P8081018-MS |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|-----------|------|---------|---------|---------|------------|---------|-------|
| Zirconium | 90-1 | 0.28    | 0.30    | 0.24    | 0.27       | 12.40   | ppb   |
| Zirconium | 91-1 | 0.27    | 0.18    | 0.23    | 0.23       | 19.90   | ppb   |

|                         |                     |                   |                     |
|-------------------------|---------------------|-------------------|---------------------|
| LB Number :             | LB97237             | Operator :        | Jaswal              |
| Lab Sample ID :         | J4379-24            | Instrumnet Name : | P8                  |
| Client Sample ID :      | MW-101D             | Dilution Factor : | 1                   |
| Date & Time Acquired :: | 2018-08-10 19:48:39 | DataFile Name :   | 121SMPL_P8081018-MS |

| Parameter  | Mass  | ConRep1  | ConRep2  | ConRep3  | Avg. Conc. | ConcRSD | Units |
|------------|-------|----------|----------|----------|------------|---------|-------|
| Aluminium  | 27-2  | 251.59   | 219.13   | 236.55   | 235.76     | 6.89    | ppb   |
| Antimony   | 121-1 | 2.18     | 2.16     | 2.28     | 2.20       | 2.95    | ppb   |
| Arsenic    | 75-2  | 1.88     | 1.86     | 1.39     | 1.71       | 16.15   | ppb   |
| Barium     | 135-1 | 111.33   | 110.52   | 111.80   | 111.22     | 0.58    | ppb   |
| Barium     | 137-1 | 111.98   | 112.11   | 111.81   | 111.97     | 0.13    | ppb   |
| Beryllium  | 9-1   | 0.03     | 0.01     | 0.03     | 0.02       | 45.33   | ppb   |
| Bismuth    | 209-1 |          |          |          | 104        |         | %     |
| Bismuth    | 209-2 |          |          |          | 89         |         | %     |
| Boron      | 10-1  | 323.77   | 335.43   | 342.59   | 333.93     | 2.85    | ppb   |
| Boron      | 11-1  | 319.97   | 332.34   | 338.79   | 330.36     | 2.89    | ppb   |
| Cadmium    | 111-1 | -0.08    | -0.02    | -0.15    | -0.08      |         | ppb   |
| Cadmium    | 106-1 | -1.69    | -0.67    | -2.14    | -1.50      |         | ppb   |
| Cadmium    | 108-1 | 0.12     | 0.14     | 0.21     | 0.16       | 29.72   | ppb   |
| Calcium    | 43-1  | 59955.01 | 59240.60 | 60369.13 | 59854.91   | 0.95    | ppb   |
| Calcium    | 44-1  | 60880.59 | 59022.60 | 60015.89 | 59973.03   | 1.55    | ppb   |
| Chromium   | 52-2  | 3.65     | 3.81     | 4.04     | 3.83       | 5.10    | ppb   |
| Cobalt     | 59-2  | 0.70     | 0.67     | 0.69     | 0.69       | 1.81    | ppb   |
| Copper     | 63-2  | 7.47     | 7.44     | 7.65     | 7.52       | 1.51    | ppb   |
| Dysprosium | 156-1 |          |          |          |            |         | cps   |
| Dysprosium | 156-2 |          |          |          |            |         | cps   |
| Erbium     | 164-1 |          |          |          |            |         | cps   |
| Erbium     | 164-2 |          |          |          |            |         | cps   |
| Gadolinium | 160-1 |          |          |          |            |         | cps   |
| Gadolinium | 160-2 |          |          |          |            |         | cps   |
| Holmium    | 165-1 |          |          |          | 107        |         | %     |
| Holmium    | 165-2 |          |          |          | 94         |         | %     |
| Indium     | 115-1 |          |          |          | 98         |         | %     |
| Indium     | 115-2 |          |          |          | 81         |         | %     |
| Iron       | 56-2  | 566.27   | 576.11   | 584.50   | 575.62     | 1.59    | ppb   |
| Iron       | 57-2  | 567.57   | 615.01   | 580.47   | 587.68     | 4.17    | ppb   |
| Krypton    | 83-1  |          |          |          |            |         | cps   |
| Lead       | 206-1 | 5.94     | 5.77     | 5.91     | 5.88       | 1.52    | ppb   |
| Lead       | 207-1 | 5.54     | 5.45     | 5.40     | 5.46       | 1.32    | ppb   |
| Lead       | 208-1 | 5.67     | 5.59     | 5.61     | 5.62       | 0.77    | ppb   |
| Lithium    | 6-1   |          |          |          | 99         |         | %     |
| Magnesium  | 24-2  | 54927.97 | 55457.61 | 55977.24 | 55454.27   | 0.95    | ppb   |



|                         |                     |                   |                     |
|-------------------------|---------------------|-------------------|---------------------|
| LB Number :             | LB97237             | Operator :        | Jaswal              |
| Lab Sample ID :         | J4379-24            | Instrumnet Name : | P8                  |
| Client Sample ID :      | MW-101D             | Dilution Factor : | 1                   |
| Date & Time Acquired :: | 2018-08-10 19:48:39 | DataFile Name :   | 121SMPL_P8081018-MS |

| Parameter  | Mass  | ConRep1   | ConRep2   | ConRep3   | Avg. Conc. | ConcRSD | Units |
|------------|-------|-----------|-----------|-----------|------------|---------|-------|
| Manganese  | 55-2  | 24.28     | 24.88     | 26.05     | 25.07      | 3.59    | ppb   |
| Molybdenum | 94-1  | 0.61      | 0.67      | 0.60      | 0.63       | 6.55    | ppb   |
| Molybdenum | 95-1  | 0.39      | 0.35      | 0.40      | 0.38       | 6.49    | ppb   |
| Molybdenum | 96-1  | 0.38      | 0.48      | 0.44      | 0.43       | 11.46   | ppb   |
| Molybdenum | 97-1  | 0.37      | 0.39      | 0.40      | 0.39       | 2.90    | ppb   |
| Molybdenum | 98-1  | 0.47      | 0.37      | 0.43      | 0.42       | 11.33   | ppb   |
| Neodymium  | 150-1 |           |           |           |            |         | cps   |
| Neodymium  | 150-2 |           |           |           |            |         | cps   |
| Nickel     | 60-2  | 1.53      | 1.22      | 1.39      | 1.38       | 11.41   | ppb   |
| Phosphorus | 31-2  | 18.63     | -17.95    | 55.95     | 18.88      | 195.72  | ppb   |
| Potassium  | 39-2  | 22521.11  | 22638.52  | 23157.97  | 22772.53   | 1.49    | ppb   |
| Rhodium    | 103-1 |           |           |           | 92         |         | %     |
| Rhodium    | 103-2 |           |           |           | 85         |         | %     |
| Scandium   | 45-1  |           |           |           | 86         |         | %     |
| Scandium   | 45-2  |           |           |           | 74         |         | %     |
| Selenium   | 77-2  | 7.92      | 0.00      | 0.00      | 2.64       | 173.21  | ppb   |
| Selenium   | 78-2  | 0.00      | 2.50      | 0.00      | 0.83       | 173.21  | ppb   |
| Selenium   | 82-1  | 1.68      | 2.78      | 1.85      | 2.11       | 28.21   | ppb   |
| Silicon    | 28-1  | 8787.00   | 8654.62   | 8818.88   | 8753.50    | 1.00    | ppb   |
| Silver     | 109-1 | 0.06      | 0.05      | 0.05      | 0.05       | 4.29    | ppb   |
| Silver     | 107-1 | 0.05      | 0.04      | 0.05      | 0.05       | 10.38   | ppb   |
| Sodium     | 23-2  | 344328.17 | 345391.26 | 352417.84 | 347379.09  | 1.27    | ppb   |
| Strontium  | 86-1  | 773.89    | 763.75    | 777.92    | 771.85     | 0.95    | ppb   |
| Strontium  | 88-1  | 779.82    | 765.74    | 786.21    | 777.25     | 1.35    | ppb   |
| Sulfur     | 34-1  | 32304.54  | 30856.00  | 32555.43  | 31905.33   | 2.88    | ppb   |
| Terbium    | 159-1 |           |           |           | 105        |         | %     |
| Terbium    | 159-2 |           |           |           | 93         |         | %     |
| Thallium   | 203-1 | 0.00      | 0.02      | 0.01      | 0.01       | 94.29   | ppb   |
| Thallium   | 205-1 | 0.02      | 0.02      | 0.01      | 0.02       | 13.30   | ppb   |
| Tin        | 118-1 | 2.02      | 2.03      | 2.00      | 2.02       | 0.85    | ppb   |
| Titanium   | 47-1  | 13.09     | 13.07     | 13.85     | 13.33      | 3.33    | ppb   |
| Uranium    | 238-1 | 0.66      | 0.64      | 0.65      | 0.65       | 1.64    | ppb   |
| Vanadium   | 51-2  | 1.91      | 1.85      | 2.02      | 1.93       | 4.55    | ppb   |
| Yttrium    | 89-1  |           |           |           | 95         |         | %     |
| Yttrium    | 89-2  |           |           |           | 79         |         | %     |
| Zinc       | 66-2  | 104.23    | 100.82    | 102.68    | 102.58     | 1.66    | ppb   |

|                         |                     |                   |                     |
|-------------------------|---------------------|-------------------|---------------------|
| LB Number :             | LB97237             | Operator :        | Jaswal              |
| Lab Sample ID :         | J4379-24            | Instrumnet Name : | P8                  |
| Client Sample ID :      | MW-101D             | Dilution Factor : | 1                   |
| Date & Time Acquired :: | 2018-08-10 19:48:39 | DataFile Name :   | 121SMPL_P8081018-MS |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|-----------|------|---------|---------|---------|------------|---------|-------|
| Zirconium | 90-1 | 0.26    | 0.24    | 0.25    | 0.25       | 3.29    | ppb   |
| Zirconium | 91-1 | 0.27    | 0.30    | 0.28    | 0.28       | 5.11    | ppb   |

|                         |                     |                   |                     |
|-------------------------|---------------------|-------------------|---------------------|
| LB Number :             | LB97237             | Operator :        | Jaswal              |
| Lab Sample ID :         | J4379-25            | Instrumnet Name : | P8                  |
| Client Sample ID :      | MW-103D             | Dilution Factor : | 1                   |
| Date & Time Acquired :: | 2018-08-10 19:51:57 | DataFile Name :   | 122SMPL_P8081018-MS |

| Parameter  | Mass  | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|------------|-------|---------|---------|---------|------------|---------|-------|
| Aluminium  | 27-2  | 30.69   | 25.91   | 24.04   | 26.88      | 12.77   | ppb   |
| Antimony   | 121-1 | 2.08    | 2.20    | 2.29    | 2.19       | 4.71    | ppb   |
| Arsenic    | 75-2  | 2.97    | 2.98    | 2.33    | 2.76       | 13.55   | ppb   |
| Barium     | 135-1 | 49.54   | 49.06   | 48.03   | 48.88      | 1.58    | ppb   |
| Barium     | 137-1 | 48.70   | 48.88   | 48.33   | 48.64      | 0.57    | ppb   |
| Beryllium  | 9-1   | 0.03    | 0.01    | 0.05    | 0.03       | 59.27   | ppb   |
| Bismuth    | 209-1 |         |         |         | 103        |         | %     |
| Bismuth    | 209-2 |         |         |         | 89         |         | %     |
| Boron      | 10-1  | 391.58  | 395.85  | 403.30  | 396.91     | 1.49    | ppb   |
| Boron      | 11-1  | 395.75  | 398.36  | 401.59  | 398.57     | 0.73    | ppb   |
| Cadmium    | 111-1 | -0.07   | -0.12   | -0.16   | -0.12      |         | ppb   |
| Cadmium    | 106-1 | -1.27   | -1.80   | -2.35   | -1.81      |         | ppb   |
| Cadmium    | 108-1 | 0.15    | 0.11    | 0.15    | 0.14       | 13.96   | ppb   |
| Calcium    | 43-1  | 6834.95 | 6802.32 | 6816.56 | 6817.94    | 0.24    | ppb   |
| Calcium    | 44-1  | 6924.11 | 6880.26 | 6899.76 | 6901.38    | 0.32    | ppb   |
| Chromium   | 52-2  | 0.52    | 0.68    | 0.75    | 0.65       | 17.74   | ppb   |
| Cobalt     | 59-2  | 0.44    | 0.40    | 0.36    | 0.40       | 10.74   | ppb   |
| Copper     | 63-2  | 8.37    | 8.24    | 8.67    | 8.43       | 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 |         |         |         | 104        |         | %     |
| Holmium    | 165-2 |         |         |         | 93         |         | %     |
| Indium     | 115-1 |         |         |         | 96         |         | %     |
| Indium     | 115-2 |         |         |         | 80         |         | %     |
| Iron       | 56-2  | 325.94  | 333.47  | 331.01  | 330.14     | 1.16    | ppb   |
| Iron       | 57-2  | 313.15  | 297.74  | 359.88  | 323.59     | 10.00   | ppb   |
| Krypton    | 83-1  |         |         |         |            |         | cps   |
| Lead       | 206-1 | 2.52    | 2.56    | 2.54    | 2.54       | 0.75    | ppb   |
| Lead       | 207-1 | 2.41    | 2.39    | 2.45    | 2.42       | 1.37    | ppb   |
| Lead       | 208-1 | 2.40    | 2.44    | 2.45    | 2.43       | 1.08    | ppb   |
| Lithium    | 6-1   |         |         |         | 96         |         | %     |
| Magnesium  | 24-2  | 7734.81 | 8014.86 | 7934.91 | 7894.86    | 1.83    | ppb   |

|                         |                     |                   |                     |
|-------------------------|---------------------|-------------------|---------------------|
| LB Number :             | LB97237             | Operator :        | Jaswal              |
| Lab Sample ID :         | J4379-25            | Instrumnet Name : | P8                  |
| Client Sample ID :      | MW-103D             | Dilution Factor : | 1                   |
| Date & Time Acquired :: | 2018-08-10 19:51:57 | DataFile Name :   | 122SMPL_P8081018-MS |

| Parameter  | Mass  | ConRep1   | ConRep2   | ConRep3   | Avg. Conc. | ConcRSD | Units |
|------------|-------|-----------|-----------|-----------|------------|---------|-------|
| Manganese  | 55-2  | 218.78    | 223.82    | 230.33    | 224.31     | 2.58    | ppb   |
| Molybdenum | 94-1  | 4.45      | 4.18      | 4.46      | 4.36       | 3.56    | ppb   |
| Molybdenum | 95-1  | 5.86      | 5.68      | 6.04      | 5.86       | 3.02    | ppb   |
| Molybdenum | 96-1  | 5.73      | 5.90      | 5.56      | 5.73       | 2.98    | ppb   |
| Molybdenum | 97-1  | 5.79      | 5.64      | 5.95      | 5.79       | 2.69    | ppb   |
| Molybdenum | 98-1  | 5.83      | 5.84      | 6.00      | 5.89       | 1.66    | ppb   |
| Neodymium  | 150-1 |           |           |           |            |         | cps   |
| Neodymium  | 150-2 |           |           |           |            |         | cps   |
| Nickel     | 60-2  | 1.31      | 1.45      | 1.22      | 1.33       | 8.76    | ppb   |
| Phosphorus | 31-2  | 91.06     | 167.08    | 93.67     | 117.27     | 36.80   | ppb   |
| Potassium  | 39-2  | 18495.00  | 18901.31  | 19234.43  | 18876.91   | 1.96    | ppb   |
| Rhodium    | 103-1 |           |           |           | 91         |         | %     |
| Rhodium    | 103-2 |           |           |           | 85         |         | %     |
| Scandium   | 45-1  |           |           |           | 85         |         | %     |
| Scandium   | 45-2  |           |           |           | 74         |         | %     |
| Selenium   | 77-2  | 0.00      | 0.00      | 0.00      | 0.00       | N/A     | ppb   |
| Selenium   | 78-2  | 1.26      | 0.00      | 0.00      | 0.42       | 173.21  | ppb   |
| Selenium   | 82-1  | 2.18      | 2.08      | 1.63      | 1.96       | 14.83   | ppb   |
| Silicon    | 28-1  | 4981.01   | 4923.72   | 4984.93   | 4963.22    | 0.69    | ppb   |
| Silver     | 109-1 | 0.04      | 0.04      | 0.04      | 0.04       | 3.84    | ppb   |
| Silver     | 107-1 | 0.03      | 0.04      | 0.03      | 0.03       | 18.28   | ppb   |
| Sodium     | 23-2  | 483181.05 | 489764.51 | 496706.53 | 489884.03  | 1.38    | ppb   |
| Strontium  | 86-1  | 130.22    | 130.67    | 129.47    | 130.12     | 0.46    | ppb   |
| Strontium  | 88-1  | 138.00    | 138.27    | 136.16    | 137.48     | 0.84    | ppb   |
| Sulfur     | 34-1  | 29941.71  | 34907.36  | 35146.57  | 33331.88   | 8.82    | ppb   |
| Terbium    | 159-1 |           |           |           | 103        |         | %     |
| Terbium    | 159-2 |           |           |           | 91         |         | %     |
| Thallium   | 203-1 | 0.00      | 0.02      | 0.01      | 0.01       | 128.43  | ppb   |
| Thallium   | 205-1 | 0.02      | 0.02      | 0.01      | 0.02       | 21.23   | ppb   |
| Tin        | 118-1 | 1.84      | 1.80      | 1.88      | 1.84       | 1.92    | ppb   |
| Titanium   | 47-1  | 0.74      | 0.89      | 0.85      | 0.83       | 9.35    | ppb   |
| Uranium    | 238-1 | 0.47      | 0.44      | 0.44      | 0.45       | 3.30    | ppb   |
| Vanadium   | 51-2  | 1.86      | 1.89      | 1.79      | 1.85       | 2.94    | ppb   |
| Yttrium    | 89-1  |           |           |           | 93         |         | %     |
| Yttrium    | 89-2  |           |           |           | 79         |         | %     |
| Zinc       | 66-2  | 69.42     | 68.68     | 73.50     | 70.53      | 3.68    | ppb   |

|                         |                     |                   |                     |
|-------------------------|---------------------|-------------------|---------------------|
| LB Number :             | LB97237             | Operator :        | Jaswal              |
| Lab Sample ID :         | J4379-25            | Instrumnet Name : | P8                  |
| Client Sample ID :      | MW-103D             | Dilution Factor : | 1                   |
| Date & Time Acquired :: | 2018-08-10 19:51:57 | DataFile Name :   | 122SMPL_P8081018-MS |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|-----------|------|---------|---------|---------|------------|---------|-------|
| Zirconium | 90-1 | 0.23    | 0.21    | 0.17    | 0.20       | 13.91   | ppb   |
| Zirconium | 91-1 | 0.23    | 0.27    | 0.17    | 0.22       | 21.58   | ppb   |

|                         |                     |                   |                     |
|-------------------------|---------------------|-------------------|---------------------|
| LB Number :             | LB97237             | Operator :        | Jaswal              |
| Lab Sample ID :         | J4379-01RE          | Instrumnet Name : | P8                  |
| Client Sample ID :      | FB-08072018RE       | Dilution Factor : | 1                   |
| Date & Time Acquired :: | 2018-08-10 19:55:17 | DataFile Name :   | 123SMPL_P8081018-MS |

| Parameter  | Mass  | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|------------|-------|---------|---------|---------|------------|---------|-------|
| Aluminium  | 27-2  | -1.11   | -0.59   | 1.03    | -0.22      |         | ppb   |
| Antimony   | 121-1 | 0.12    | 0.11    | 0.09    | 0.11       | 11.00   | ppb   |
| Arsenic    | 75-2  | -0.02   | 0.00    | 0.00    | -0.01      |         | ppb   |
| Barium     | 135-1 | -0.01   | 0.00    | -0.01   | -0.01      |         | ppb   |
| Barium     | 137-1 | -0.01   | -0.01   | 0.01    | 0.00       |         | ppb   |
| Beryllium  | 9-1   | 0.05    | 0.06    | 0.05    | 0.06       | 12.88   | ppb   |
| Bismuth    | 209-1 |         |         |         | 117        |         | %     |
| Bismuth    | 209-2 |         |         |         | 109        |         | %     |
| Boron      | 10-1  | 35.60   | 27.86   | 33.37   | 32.28      | 12.35   | ppb   |
| Boron      | 11-1  | 35.15   | 31.83   | 30.95   | 32.64      | 6.79    | ppb   |
| Cadmium    | 111-1 | -0.13   | -0.16   | -0.09   | -0.13      |         | ppb   |
| Cadmium    | 106-1 | -1.79   | -2.18   | -1.22   | -1.73      |         | ppb   |
| Cadmium    | 108-1 | 0.07    | 0.01    | 0.10    | 0.06       | 71.45   | ppb   |
| Calcium    | 43-1  | 13.46   | 2.62    | 10.10   | 8.72       | 63.62   | ppb   |
| Calcium    | 44-1  | 0.63    | -1.56   | -1.75   | -0.89      |         | ppb   |
| Chromium   | 52-2  | 0.07    | -0.08   | -0.03   | -0.02      |         | ppb   |
| Cobalt     | 59-2  | -0.01   | -0.02   | -0.03   | -0.02      |         | ppb   |
| Copper     | 63-2  | -0.15   | -0.27   | -0.27   | -0.23      |         | 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 |         |         |         | 116        |         | %     |
| Holmium    | 165-2 |         |         |         | 110        |         | %     |
| Indium     | 115-1 |         |         |         | 112        |         | %     |
| Indium     | 115-2 |         |         |         | 101        |         | %     |
| Iron       | 56-2  | 0.47    | 0.80    | -0.03   | 0.42       | 99.80   | ppb   |
| Iron       | 57-2  | 3.61    | -0.73   | 0.39    | 1.09       | 206.50  | ppb   |
| Krypton    | 83-1  |         |         |         |            |         | cps   |
| Lead       | 206-1 | 0.00    | -0.01   | 0.00    | -0.01      |         | ppb   |
| Lead       | 207-1 | -0.01   | 0.00    | 0.00    | 0.00       |         | ppb   |
| Lead       | 208-1 | -0.01   | -0.01   | -0.01   | -0.01      |         | ppb   |
| Lithium    | 6-1   |         |         |         | 102        |         | %     |
| Magnesium  | 24-2  | 4.93    | 6.65    | 7.97    | 6.52       | 23.39   | ppb   |

|                         |                     |                   |                     |
|-------------------------|---------------------|-------------------|---------------------|
| LB Number :             | LB97237             | Operator :        | Jaswal              |
| Lab Sample ID :         | J4379-01RE          | Instrumnet Name : | P8                  |
| Client Sample ID :      | FB-08072018RE       | Dilution Factor : | 1                   |
| Date & Time Acquired :: | 2018-08-10 19:55:17 | DataFile Name :   | 123SMPL_P8081018-MS |

| Parameter  | Mass  | ConRep1  | ConRep2  | ConRep3  | Avg. Conc. | ConcRSD | Units |
|------------|-------|----------|----------|----------|------------|---------|-------|
| Manganese  | 55-2  | -0.40    | -0.34    | -0.34    | -0.36      |         | ppb   |
| Molybdenum | 94-1  | -0.04    | -0.04    | -0.04    | -0.04      |         | ppb   |
| Molybdenum | 95-1  | 0.01     | 0.00     | 0.01     | 0.01       | 55.48   | ppb   |
| Molybdenum | 96-1  | -0.01    | -0.01    | 0.02     | 0.00       | 1105.46 | ppb   |
| Molybdenum | 97-1  | 0.05     | 0.01     | 0.02     | 0.02       | 74.52   | ppb   |
| Molybdenum | 98-1  | 0.01     | -0.01    | 0.01     | 0.00       | 421.64  | ppb   |
| Neodymium  | 150-1 |          |          |          |            |         | cps   |
| Neodymium  | 150-2 |          |          |          |            |         | cps   |
| Nickel     | 60-2  | -0.21    | -0.19    | -0.26    | -0.22      |         | ppb   |
| Phosphorus | 31-2  | 11.28    | -17.95   | 70.52    | 21.28      | 211.75  | ppb   |
| Potassium  | 39-2  | -13.81   | 3.66     | 12.41    | 0.75       | 1775.21 | ppb   |
| Rhodium    | 103-1 |          |          |          | 110        |         | %     |
| Rhodium    | 103-2 |          |          |          | 106        |         | %     |
| Scandium   | 45-1  |          |          |          | 102        |         | %     |
| Scandium   | 45-2  |          |          |          | 93         |         | %     |
| Selenium   | 77-2  | 0.00     | 0.00     | 0.00     | 0.00       | N/A     | ppb   |
| Selenium   | 78-2  | 0.00     | 0.00     | 0.00     | 0.00       | N/A     | ppb   |
| Selenium   | 82-1  | 0.42     | 0.45     | 1.05     | 0.64       | 56.27   | ppb   |
| Silicon    | 28-1  | -21.55   | -20.64   | -20.81   | -21.00     |         | ppb   |
| Silver     | 109-1 | 0.02     | 0.02     | 0.03     | 0.02       | 12.34   | ppb   |
| Silver     | 107-1 | 0.03     | 0.02     | 0.02     | 0.03       | 29.12   | ppb   |
| Sodium     | 23-2  | 163.00   | 157.43   | 161.33   | 160.59     | 1.78    | ppb   |
| Strontium  | 86-1  | 0.00     | 0.00     | 0.00     | 0.00       |         | ppb   |
| Strontium  | 88-1  | 0.01     | 0.02     | 0.02     | 0.02       | 20.29   | ppb   |
| Sulfur     | 34-1  | -2380.48 | -2204.44 | -2164.09 | -2249.67   |         | ppb   |
| Terbium    | 159-1 |          |          |          | 116        |         | %     |
| Terbium    | 159-2 |          |          |          | 109        |         | %     |
| Thallium   | 203-1 | 0.00     | 0.00     | -0.01    | 0.00       |         | ppb   |
| Thallium   | 205-1 | 0.00     | 0.00     | 0.00     | 0.00       | 49.79   | ppb   |
| Tin        | 118-1 | 0.02     | -0.03    | -0.03    | -0.01      |         | ppb   |
| Titanium   | 47-1  | 0.05     | 0.00     | -0.03    | 0.01       | 617.41  | ppb   |
| Uranium    | 238-1 | 0.00     | 0.00     | 0.00     | 0.00       |         | ppb   |
| Vanadium   | 51-2  | 0.00     | 0.00     | 0.00     | 0.00       | 485.98  | ppb   |
| Yttrium    | 89-1  |          |          |          | 109        |         | %     |
| Yttrium    | 89-2  |          |          |          | 97         |         | %     |
| Zinc       | 66-2  | 8.01     | 9.25     | 9.41     | 8.89       | 8.61    | ppb   |

|                         |                     |                   |                     |
|-------------------------|---------------------|-------------------|---------------------|
| LB Number :             | LB97237             | Operator :        | Jaswal              |
| Lab Sample ID :         | J4379-01RE          | Instrumnet Name : | P8                  |
| Client Sample ID :      | FB-08072018RE       | Dilution Factor : | 1                   |
| Date & Time Acquired :: | 2018-08-10 19:55:17 | DataFile Name :   | 123SMPL_P8081018-MS |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|-----------|------|---------|---------|---------|------------|---------|-------|
| Zirconium | 90-1 | -0.02   | -0.02   | -0.02   | -0.02      |         | ppb   |
| Zirconium | 91-1 | 0.00    | -0.01   | 0.01    | 0.00       |         | ppb   |



|                         |                     |                   |                     |
|-------------------------|---------------------|-------------------|---------------------|
| LB Number :             | LB97237             | Operator :        | Jaswal              |
| Lab Sample ID :         | J4379-07RE          | Instrumnet Name : | P8                  |
| Client Sample ID :      | FB-08082018RE       | Dilution Factor : | 1                   |
| Date & Time Acquired :: | 2018-08-10 19:58:38 | DataFile Name :   | 124SMPL_P8081018-MS |

| Parameter  | Mass  | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|------------|-------|---------|---------|---------|------------|---------|-------|
| Aluminium  | 27-2  | 0.47    | 1.01    | -0.58   | 0.30       | 268.29  | ppb   |
| Antimony   | 121-1 | 0.04    | 0.04    | 0.04    | 0.04       | 2.97    | ppb   |
| Arsenic    | 75-2  | 0.00    | -0.05   | -0.02   | -0.02      |         | ppb   |
| Barium     | 135-1 | -0.01   | 0.01    | 0.01    | 0.00       | 311.48  | ppb   |
| Barium     | 137-1 | 0.00    | -0.01   | 0.00    | 0.00       |         | ppb   |
| Beryllium  | 9-1   | 0.04    | 0.01    | 0.10    | 0.05       | 83.42   | ppb   |
| Bismuth    | 209-1 |         |         |         | 118        |         | %     |
| Bismuth    | 209-2 |         |         |         | 108        |         | %     |
| Boron      | 10-1  | 21.87   | 24.29   | 22.67   | 22.94      | 5.37    | ppb   |
| Boron      | 11-1  | 22.42   | 21.98   | 21.48   | 21.96      | 2.15    | ppb   |
| Cadmium    | 111-1 | -0.13   | -0.13   | 0.00    | -0.09      |         | ppb   |
| Cadmium    | 106-1 | -1.74   | -1.82   | 0.01    | -1.18      |         | ppb   |
| Cadmium    | 108-1 | 0.04    | 0.04    | 0.01    | 0.03       | 51.25   | ppb   |
| Calcium    | 43-1  | -0.34   | -1.09   | 2.49    | 0.36       | 529.07  | ppb   |
| Calcium    | 44-1  | -7.22   | -7.05   | -6.69   | -6.98      |         | ppb   |
| Chromium   | 52-2  | 0.02    | 0.08    | -0.01   | 0.03       | 150.34  | ppb   |
| Cobalt     | 59-2  | -0.02   | -0.02   | -0.03   | -0.02      |         | ppb   |
| Copper     | 63-2  | -0.22   | -0.33   | -0.38   | -0.31      |         | ppb   |
| Dysprosium | 156-1 |         |         |         |            |         | cps   |
| Dysprosium | 156-2 |         |         |         |            |         | cps   |
| Erbium     | 164-1 |         |         |         |            |         | cps   |
| Erbium     | 164-2 |         |         |         |            |         | cps   |
| Gadolinium | 160-1 |         |         |         |            |         | cps   |
| Gadolinium | 160-2 |         |         |         |            |         | cps   |
| Holmium    | 165-1 |         |         |         | 118        |         | %     |
| Holmium    | 165-2 |         |         |         | 110        |         | %     |
| Indium     | 115-1 |         |         |         | 114        |         | %     |
| Indium     | 115-2 |         |         |         | 101        |         | %     |
| Iron       | 56-2  | 0.15    | 0.24    | 0.13    | 0.17       | 34.05   | ppb   |
| Iron       | 57-2  | 0.89    | -0.18   | 0.38    | 0.36       | 146.97  | ppb   |
| Krypton    | 83-1  |         |         |         |            |         | cps   |
| Lead       | 206-1 | -0.01   | -0.01   | -0.01   | -0.01      |         | ppb   |
| Lead       | 207-1 | 0.00    | 0.01    | -0.02   | 0.00       |         | ppb   |
| Lead       | 208-1 | -0.01   | -0.01   | -0.02   | -0.01      |         | ppb   |
| Lithium    | 6-1   |         |         |         | 104        |         | %     |
| Magnesium  | 24-2  | 4.17    | 6.38    | 4.61    | 5.05       | 23.18   | ppb   |

|                         |                     |                   |                     |
|-------------------------|---------------------|-------------------|---------------------|
| LB Number :             | LB97237             | Operator :        | Jaswal              |
| Lab Sample ID :         | J4379-07RE          | Instrumnet Name : | P8                  |
| Client Sample ID :      | FB-08082018RE       | Dilution Factor : | 1                   |
| Date & Time Acquired :: | 2018-08-10 19:58:38 | DataFile Name :   | 124SMPL_P8081018-MS |

| Parameter  | Mass  | ConRep1  | ConRep2  | ConRep3  | Avg. Conc. | ConcRSD | Units |
|------------|-------|----------|----------|----------|------------|---------|-------|
| Manganese  | 55-2  | -0.41    | -0.32    | -0.39    | -0.38      |         | ppb   |
| Molybdenum | 94-1  | -0.01    | 0.00     | -0.02    | -0.01      |         | ppb   |
| Molybdenum | 95-1  | 0.00     | 0.00     | -0.01    | 0.00       |         | ppb   |
| Molybdenum | 96-1  | 0.00     | 0.01     | 0.02     | 0.01       | 123.76  | ppb   |
| Molybdenum | 97-1  | 0.03     | 0.02     | 0.03     | 0.03       | 21.19   | ppb   |
| Molybdenum | 98-1  | 0.00     | 0.01     | 0.01     | 0.01       | 106.27  | ppb   |
| Neodymium  | 150-1 |          |          |          |            |         | cps   |
| Neodymium  | 150-2 |          |          |          |            |         | cps   |
| Nickel     | 60-2  | -0.14    | -0.21    | -0.06    | -0.14      |         | ppb   |
| Phosphorus | 31-2  | 11.19    | -17.95   | 11.39    | 1.54       | 1092.98 | ppb   |
| Potassium  | 39-2  | -0.76    | -20.30   | 10.24    | -3.61      |         | ppb   |
| Rhodium    | 103-1 |          |          |          | 112        |         | %     |
| Rhodium    | 103-2 |          |          |          | 105        |         | %     |
| Scandium   | 45-1  |          |          |          | 105        |         | %     |
| Scandium   | 45-2  |          |          |          | 93         |         | %     |
| Selenium   | 77-2  | 0.00     | 0.00     | 0.00     | 0.00       | N/A     | ppb   |
| Selenium   | 78-2  | 0.00     | 2.04     | 0.00     | 0.68       | 173.21  | ppb   |
| Selenium   | 82-1  | 0.51     | 0.15     | 0.03     | 0.23       | 110.29  | ppb   |
| Silicon    | 28-1  | -20.09   | -22.61   | -21.00   | -21.23     |         | ppb   |
| Silver     | 109-1 | 0.02     | 0.03     | 0.04     | 0.03       | 27.26   | ppb   |
| Silver     | 107-1 | 0.04     | 0.03     | 0.03     | 0.03       | 9.04    | ppb   |
| Sodium     | 23-2  | 140.25   | 120.79   | 140.50   | 133.85     | 8.45    | ppb   |
| Strontium  | 86-1  | 0.00     | -0.02    | -0.06    | -0.03      |         | ppb   |
| Strontium  | 88-1  | 0.01     | 0.01     | 0.01     | 0.01       | 37.43   | ppb   |
| Sulfur     | 34-1  | -1957.36 | -2132.69 | -1883.37 | -1991.14   |         | ppb   |
| Terbium    | 159-1 |          |          |          | 118        |         | %     |
| Terbium    | 159-2 |          |          |          | 109        |         | %     |
| Thallium   | 203-1 | -0.01    | 0.00     | 0.00     | 0.00       |         | ppb   |
| Thallium   | 205-1 | 0.00     | 0.00     | 0.00     | 0.00       | 40.64   | ppb   |
| Tin        | 118-1 | -0.04    | -0.04    | 0.02     | -0.02      |         | ppb   |
| Titanium   | 47-1  | -0.04    | 0.01     | -0.07    | -0.03      |         | ppb   |
| Uranium    | 238-1 | 0.00     | 0.00     | 0.00     | 0.00       |         | ppb   |
| Vanadium   | 51-2  | 0.00     | 0.00     | 0.00     | 0.00       | 489.52  | ppb   |
| Yttrium    | 89-1  |          |          |          | 111        |         | %     |
| Yttrium    | 89-2  |          |          |          | 98         |         | %     |
| Zinc       | 66-2  | 9.32     | 7.75     | 9.26     | 8.77       | 10.15   | ppb   |

|                         |                     |                   |                     |
|-------------------------|---------------------|-------------------|---------------------|
| LB Number :             | LB97237             | Operator :        | Jaswal              |
| Lab Sample ID :         | J4379-07RE          | Instrumnet Name : | P8                  |
| Client Sample ID :      | FB-08082018RE       | Dilution Factor : | 1                   |
| Date & Time Acquired :: | 2018-08-10 19:58:38 | DataFile Name :   | 124SMPL_P8081018-MS |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|-----------|------|---------|---------|---------|------------|---------|-------|
| Zirconium | 90-1 | -0.01   | -0.01   | -0.01   | -0.01      |         | ppb   |
| Zirconium | 91-1 | -0.01   | -0.01   | 0.02    | 0.00       |         | ppb   |

|                         |                     |                   |                     |
|-------------------------|---------------------|-------------------|---------------------|
| LB Number :             | LB97237             | Operator :        | Jaswal              |
| Lab Sample ID :         | J4379-03DLX5        | Instrumnet Name : | P8                  |
| Client Sample ID :      | MW-106SDL           | Dilution Factor : | 5                   |
| Date & Time Acquired :: | 2018-08-10 20:02:00 | DataFile Name :   | 125SMPL_P8081018-MS |

| Parameter  | Mass  | ConRep1  | ConRep2  | ConRep3  | Avg. Conc. | ConcRSD | Units |
|------------|-------|----------|----------|----------|------------|---------|-------|
| Aluminium  | 27-2  | 0.56     | 2.11     | -0.03    | 0.88       | 125.63  | ppb   |
| Antimony   | 121-1 | 0.43     | 0.40     | 0.38     | 0.40       | 6.61    | ppb   |
| Arsenic    | 75-2  | 0.12     | 0.00     | 0.00     | 0.04       | 162.19  | ppb   |
| Barium     | 135-1 | 28.34    | 28.80    | 29.13    | 28.76      | 1.37    | ppb   |
| Barium     | 137-1 | 28.99    | 28.66    | 29.38    | 29.01      | 1.23    | ppb   |
| Beryllium  | 9-1   | -0.03    | 0.04     | 0.06     | 0.02       | 192.16  | ppb   |
| Bismuth    | 209-1 |          |          |          | 116        |         | %     |
| Bismuth    | 209-2 |          |          |          | 110        |         | %     |
| Boron      | 10-1  | 112.13   | 116.39   | 116.13   | 114.88     | 2.08    | ppb   |
| Boron      | 11-1  | 112.72   | 114.74   | 119.67   | 115.71     | 3.09    | ppb   |
| Cadmium    | 111-1 | -0.04    | -0.08    | -0.01    | -0.04      |         | ppb   |
| Cadmium    | 106-1 | -0.46    | -1.01    | -0.30    | -0.59      |         | ppb   |
| Cadmium    | 108-1 | 0.16     | 0.01     | 0.01     | 0.06       | 133.40  | ppb   |
| Calcium    | 43-1  | 33205.39 | 33329.48 | 34230.85 | 33588.57   | 1.67    | ppb   |
| Calcium    | 44-1  | 33167.58 | 33414.60 | 34707.61 | 33763.26   | 2.45    | ppb   |
| Chromium   | 52-2  | 0.12     | 0.10     | 0.07     | 0.10       | 24.71   | ppb   |
| Cobalt     | 59-2  | 0.01     | -0.02    | -0.01    | -0.01      |         | ppb   |
| Copper     | 63-2  | 0.12     | 0.14     | 0.14     | 0.13       | 9.57    | 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 |          |          |          | 114        |         | %     |
| Holmium    | 165-2 |          |          |          | 112        |         | %     |
| Indium     | 115-1 |          |          |          | 107        |         | %     |
| Indium     | 115-2 |          |          |          | 99         |         | %     |
| Iron       | 56-2  | 47.77    | 48.71    | 48.18    | 48.22      | 0.97    | ppb   |
| Iron       | 57-2  | 51.54    | 52.73    | 51.78    | 52.02      | 1.21    | ppb   |
| Krypton    | 83-1  |          |          |          |            |         | cps   |
| Lead       | 206-1 | 0.02     | 0.00     | 0.02     | 0.01       | 74.53   | ppb   |
| Lead       | 207-1 | 0.03     | 0.02     | 0.02     | 0.03       | 21.60   | ppb   |
| Lead       | 208-1 | 0.02     | 0.02     | 0.02     | 0.02       | 14.43   | ppb   |
| Lithium    | 6-1   |          |          |          | 100        |         | %     |
| Magnesium  | 24-2  | 8863.33  | 8570.71  | 8601.66  | 8678.57    | 1.85    | ppb   |

|                         |                     |                   |                     |
|-------------------------|---------------------|-------------------|---------------------|
| LB Number :             | LB97237             | Operator :        | Jaswal              |
| Lab Sample ID :         | J4379-03DLX5        | Instrumnet Name : | P8                  |
| Client Sample ID :      | MW-106SDL           | Dilution Factor : | 5                   |
| Date & Time Acquired :: | 2018-08-10 20:02:00 | DataFile Name :   | 125SMPL_P8081018-MS |

| Parameter  | Mass  | ConRep1  | ConRep2  | ConRep3  | Avg. Conc. | ConcRSD | Units |
|------------|-------|----------|----------|----------|------------|---------|-------|
| Manganese  | 55-2  | 44.10    | 43.80    | 43.77    | 43.89      | 0.42    | ppb   |
| Molybdenum | 94-1  | 0.16     | 0.14     | 0.18     | 0.16       | 11.57   | ppb   |
| Molybdenum | 95-1  | 0.06     | 0.03     | 0.05     | 0.05       | 30.88   | ppb   |
| Molybdenum | 96-1  | 0.07     | 0.04     | 0.07     | 0.06       | 25.26   | ppb   |
| Molybdenum | 97-1  | 0.09     | 0.07     | 0.10     | 0.09       | 12.93   | ppb   |
| Molybdenum | 98-1  | 0.04     | 0.04     | 0.06     | 0.05       | 29.55   | ppb   |
| Neodymium  | 150-1 |          |          |          |            |         | cps   |
| Neodymium  | 150-2 |          |          |          |            |         | cps   |
| Nickel     | 60-2  | -0.02    | -0.10    | -0.05    | -0.06      |         | ppb   |
| Phosphorus | 31-2  | -17.95   | 11.56    | -17.95   | -8.11      |         | ppb   |
| Potassium  | 39-2  | 6221.18  | 5995.58  | 5879.04  | 6031.93    | 2.88    | ppb   |
| Rhodium    | 103-1 |          |          |          | 103        |         | %     |
| Rhodium    | 103-2 |          |          |          | 103        |         | %     |
| 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  | 2.04     | 1.02     | 0.00     | 1.02       | 100.12  | ppb   |
| Selenium   | 82-1  | 0.10     | 0.43     | 0.87     | 0.47       | 83.12   | ppb   |
| Silicon    | 28-1  | 2407.16  | 2408.91  | 2503.73  | 2439.93    | 2.26    | ppb   |
| Silver     | 109-1 | 0.07     | 0.05     | 0.06     | 0.06       | 15.83   | ppb   |
| Silver     | 107-1 | 0.05     | 0.04     | 0.05     | 0.05       | 17.10   | ppb   |
| Sodium     | 23-2  | 90748.83 | 87587.25 | 86996.08 | 88444.05   | 2.28    | ppb   |
| Strontium  | 86-1  | 261.22   | 266.95   | 275.50   | 267.89     | 2.68    | ppb   |
| Strontium  | 88-1  | 268.21   | 271.22   | 283.39   | 274.27     | 2.93    | ppb   |
| Sulfur     | 34-1  | 2225.16  | 2388.80  | 2741.32  | 2451.76    | 10.76   | ppb   |
| Terbium    | 159-1 |          |          |          | 113        |         | %     |
| Terbium    | 159-2 |          |          |          | 110        |         | %     |
| Thallium   | 203-1 | 0.00     | 0.01     | 0.00     | 0.00       | 1930.27 | ppb   |
| Thallium   | 205-1 | 0.00     | 0.01     | 0.00     | 0.00       | 71.35   | ppb   |
| Tin        | 118-1 | 0.21     | 0.23     | 0.22     | 0.22       | 4.22    | ppb   |
| Titanium   | 47-1  | 0.18     | 0.06     | 0.14     | 0.13       | 49.92   | ppb   |
| Uranium    | 238-1 | 0.19     | 0.20     | 0.20     | 0.19       | 2.43    | ppb   |
| Vanadium   | 51-2  | 0.33     | 0.39     | 0.39     | 0.37       | 9.75    | ppb   |
| Yttrium    | 89-1  |          |          |          | 105        |         | %     |
| Yttrium    | 89-2  |          |          |          | 97         |         | %     |
| Zinc       | 66-2  | 3.44     | 3.67     | 3.07     | 3.39       | 8.97    | ppb   |

|                         |                     |                   |                     |
|-------------------------|---------------------|-------------------|---------------------|
| LB Number :             | LB97237             | Operator :        | Jaswal              |
| Lab Sample ID :         | J4379-03DLX5        | Instrumnet Name : | P8                  |
| Client Sample ID :      | MW-106SDL           | Dilution Factor : | 5                   |
| Date & Time Acquired :: | 2018-08-10 20:02:00 | DataFile Name :   | 125SMPL_P8081018-MS |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|-----------|------|---------|---------|---------|------------|---------|-------|
| Zirconium | 90-1 | 0.07    | 0.07    | 0.09    | 0.07       | 12.78   | ppb   |
| Zirconium | 91-1 | 0.10    | 0.08    | 0.07    | 0.08       | 17.79   | ppb   |

|                         |                     |                   |                      |
|-------------------------|---------------------|-------------------|----------------------|
| LB Number :             | LB97237             | Operator :        | Jaswal               |
| Lab Sample ID :         | CCV99               | Instrumnet Name : | P8                   |
| Client Sample ID :      | CCV99               | Dilution Factor : | 1                    |
| Date & Time Acquired :: | 2018-08-10 20:16:13 | DataFile Name :   | 127CCV_P8081018-MS.I |

| Parameter  | Mass  | ConRep1   | ConRep2   | ConRep3   | Avg. Conc. | ConcRSD | Units |
|------------|-------|-----------|-----------|-----------|------------|---------|-------|
| Aluminium  | 27-2  | 51401.06  | 51254.62  | 52046.42  | 51567.36   | 0.82    | ppb   |
| Antimony   | 121-1 | 478.60    | 483.08    | 485.69    | 482.46     | 0.74    | ppb   |
| Arsenic    | 75-2  | 476.46    | 487.42    | 482.52    | 482.13     | 1.14    | ppb   |
| Barium     | 135-1 | 2477.29   | 2458.04   | 2454.74   | 2463.36    | 0.49    | ppb   |
| Barium     | 137-1 | 2410.54   | 2444.73   | 2454.56   | 2436.61    | 0.95    | ppb   |
| Beryllium  | 9-1   | 480.23    | 485.14    | 496.56    | 487.31     | 1.72    | ppb   |
| Bismuth    | 209-1 |           |           |           | 111        |         | %     |
| Bismuth    | 209-2 |           |           |           | 107        |         | %     |
| Boron      | 10-1  | 484.42    | 505.84    | 529.59    | 506.62     | 4.46    | ppb   |
| Boron      | 11-1  | 483.46    | 506.03    | 525.83    | 505.11     | 4.20    | ppb   |
| Cadmium    | 111-1 | 460.63    | 463.59    | 472.19    | 465.47     | 1.29    | ppb   |
| Cadmium    | 106-1 | 464.87    | 467.75    | 481.38    | 471.33     | 1.87    | ppb   |
| Cadmium    | 108-1 | 470.04    | 469.82    | 472.25    | 470.70     | 0.29    | ppb   |
| Calcium    | 43-1  | 235698.09 | 234407.08 | 242054.56 | 237386.58  | 1.72    | ppb   |
| Calcium    | 44-1  | 233772.49 | 233853.55 | 242180.66 | 236602.23  | 2.04    | ppb   |
| Chromium   | 52-2  | 510.96    | 512.48    | 521.70    | 515.05     | 1.13    | ppb   |
| Cobalt     | 59-2  | 489.71    | 493.00    | 506.48    | 496.39     | 1.79    | ppb   |
| Copper     | 63-2  | 958.87    | 971.33    | 993.27    | 974.49     | 1.79    | 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 |           |           |           | 118        |         | %     |
| Holmium    | 165-2 |           |           |           | 115        |         | %     |
| Indium     | 115-1 |           |           |           | 110        |         | %     |
| Indium     | 115-2 |           |           |           | 104        |         | %     |
| Iron       | 56-2  | 129506.37 | 130817.03 | 134633.36 | 131652.25  | 2.02    | ppb   |
| Iron       | 57-2  | 131539.02 | 132109.21 | 134923.94 | 132857.39  | 1.36    | ppb   |
| Krypton    | 83-1  |           |           |           |            |         | cps   |
| Lead       | 206-1 | 505.65    | 514.32    | 509.38    | 509.78     | 0.85    | ppb   |
| Lead       | 207-1 | 506.33    | 511.86    | 509.87    | 509.35     | 0.55    | ppb   |
| Lead       | 208-1 | 504.18    | 510.40    | 507.04    | 507.21     | 0.61    | ppb   |
| Lithium    | 6-1   |           |           |           | 105        |         | %     |
| Magnesium  | 24-2  | 247043.55 | 249158.48 | 255669.10 | 250623.71  | 1.79    | ppb   |

|                         |                     |                   |                      |
|-------------------------|---------------------|-------------------|----------------------|
| LB Number :             | LB97237             | Operator :        | Jaswal               |
| Lab Sample ID :         | CCV99               | Instrumnet Name : | P8                   |
| Client Sample ID :      | CCV99               | Dilution Factor : | 1                    |
| Date & Time Acquired :: | 2018-08-10 20:16:13 | DataFile Name :   | 127CCV_P8081018-MS.I |

| Parameter  | Mass  | ConRep1   | ConRep2   | ConRep3   | Avg. Conc. | ConcRSD | Units |
|------------|-------|-----------|-----------|-----------|------------|---------|-------|
| Manganese  | 55-2  | 967.47    | 978.59    | 1002.36   | 982.81     | 1.81    | ppb   |
| Molybdenum | 94-1  | 2519.32   | 2475.99   | 2507.88   | 2501.06    | 0.90    | ppb   |
| Molybdenum | 95-1  | 2506.55   | 2470.97   | 2509.29   | 2495.60    | 0.86    | ppb   |
| Molybdenum | 96-1  | 2507.81   | 2495.87   | 2493.93   | 2499.20    | 0.30    | ppb   |
| Molybdenum | 97-1  | 2512.92   | 2508.29   | 2515.79   | 2512.33    | 0.15    | ppb   |
| Molybdenum | 98-1  | 2499.97   | 2515.56   | 2527.40   | 2514.31    | 0.55    | ppb   |
| Neodymium  | 150-1 |           |           |           |            |         | cps   |
| Neodymium  | 150-2 |           |           |           |            |         | cps   |
| Nickel     | 60-2  | 500.67    | 505.59    | 515.51    | 507.26     | 1.49    | ppb   |
| Phosphorus | 31-2  | 9489.88   | 9790.95   | 10151.65  | 9810.83    | 3.38    | ppb   |
| Potassium  | 39-2  | 120549.56 | 121417.59 | 123415.70 | 121794.28  | 1.21    | ppb   |
| Rhodium    | 103-1 |           |           |           | 106        |         | %     |
| Rhodium    | 103-2 |           |           |           | 105        |         | %     |
| Scandium   | 45-1  |           |           |           | 109        |         | %     |
| Scandium   | 45-2  |           |           |           | 104        |         | %     |
| Selenium   | 77-2  | 513.78    | 407.72    | 554.70    | 492.07     | 15.42   | ppb   |
| Selenium   | 78-2  | 462.60    | 448.40    | 437.46    | 449.48     | 2.80    | ppb   |
| Selenium   | 82-1  | 474.33    | 477.24    | 477.13    | 476.23     | 0.35    | ppb   |
| Silicon    | 28-1  | 499.30    | 498.79    | 519.38    | 505.83     | 2.32    | ppb   |
| Silver     | 109-1 | 480.58    | 471.85    | 483.44    | 478.62     | 1.26    | ppb   |
| Silver     | 107-1 | 476.22    | 472.77    | 478.99    | 475.99     | 0.66    | ppb   |
| Sodium     | 23-2  | 249200.26 | 249944.22 | 255587.90 | 251577.46  | 1.39    | ppb   |
| Strontium  | 86-1  | 488.05    | 487.28    | 490.05    | 488.46     | 0.29    | ppb   |
| Strontium  | 88-1  | 499.23    | 495.70    | 497.95    | 497.63     | 0.36    | ppb   |
| Sulfur     | 34-1  | 7938.22   | 8065.71   | 8771.65   | 8258.53    | 5.44    | ppb   |
| Terbium    | 159-1 |           |           |           | 117        |         | %     |
| Terbium    | 159-2 |           |           |           | 114        |         | %     |
| Thallium   | 203-1 | 508.73    | 513.08    | 512.01    | 511.27     | 0.44    | ppb   |
| Thallium   | 205-1 | 502.84    | 504.98    | 502.05    | 503.29     | 0.30    | ppb   |
| Tin        | 118-1 | 490.39    | 491.33    | 495.55    | 492.42     | 0.56    | ppb   |
| Titanium   | 47-1  | 2452.75   | 2446.60   | 2535.47   | 2478.27    | 2.00    | ppb   |
| Uranium    | 238-1 | 507.59    | 507.11    | 503.70    | 506.13     | 0.42    | ppb   |
| Vanadium   | 51-2  | 497.30    | 497.51    | 509.56    | 501.46     | 1.40    | ppb   |
| Yttrium    | 89-1  |           |           |           | 112        |         | %     |
| Yttrium    | 89-2  |           |           |           | 106        |         | %     |
| Zinc       | 66-2  | 938.44    | 957.16    | 973.15    | 956.25     | 1.82    | ppb   |



|                         |                     |                   |                      |
|-------------------------|---------------------|-------------------|----------------------|
| LB Number :             | LB97237             | Operator :        | Jaswal               |
| Lab Sample ID :         | CCV99               | Instrumnet Name : | P8                   |
| Client Sample ID :      | CCV99               | Dilution Factor : | 1                    |
| Date & Time Acquired :: | 2018-08-10 20:16:13 | DataFile Name :   | 127CCV_P8081018-MS.I |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|-----------|------|---------|---------|---------|------------|---------|-------|
| Zirconium | 90-1 | 504.24  | 497.89  | 500.12  | 500.75     | 0.64    | ppb   |
| Zirconium | 91-1 | 500.04  | 504.09  | 504.92  | 503.02     | 0.52    | ppb   |

|                         |                     |                   |                     |
|-------------------------|---------------------|-------------------|---------------------|
| LB Number :             | LB97237             | Operator :        | Jaswal              |
| Lab Sample ID :         | CCB99               | Instrumnet Name : | P8                  |
| Client Sample ID :      | CCB99               | Dilution Factor : | 1                   |
| Date & Time Acquired :: | 2018-08-10 20:25:08 | DataFile Name :   | 128CCBE_P8081018-MS |

| Parameter  | Mass  | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|------------|-------|---------|---------|---------|------------|---------|-------|
| Aluminium  | 27-2  | -0.19   | 2.26    | 2.25    | 1.44       | 98.05   | ppb   |
| Antimony   | 121-1 | 0.26    | 0.27    | 0.29    | 0.28       | 6.30    | ppb   |
| Arsenic    | 75-2  | -0.02   | -0.05   | 0.00    | -0.02      |         | ppb   |
| Barium     | 135-1 | 0.00    | 0.00    | -0.01   | 0.00       |         | ppb   |
| Barium     | 137-1 | 0.00    | -0.01   | 0.01    | 0.00       |         | ppb   |
| Beryllium  | 9-1   | 0.09    | 0.11    | 0.13    | 0.11       | 16.92   | ppb   |
| Bismuth    | 209-1 |         |         |         | 118        |         | %     |
| Bismuth    | 209-2 |         |         |         | 112        |         | %     |
| Boron      | 10-1  | 14.22   | 14.32   | 16.15   | 14.90      | 7.29    | ppb   |
| Boron      | 11-1  | 13.72   | 14.05   | 13.61   | 13.79      | 1.64    | ppb   |
| Cadmium    | 111-1 | 0.02    | 0.04    | 0.12    | 0.06       | 86.77   | ppb   |
| Cadmium    | 106-1 | 0.01    | 0.27    | 1.48    | 0.59       | 133.00  | ppb   |
| Cadmium    | 108-1 | 0.07    | -0.02   | 0.10    | 0.05       | 117.67  | ppb   |
| Calcium    | 43-1  | -4.50   | -0.66   | 3.40    | -0.59      |         | ppb   |
| Calcium    | 44-1  | -12.90  | -12.86  | -11.72  | -12.49     |         | ppb   |
| Chromium   | 52-2  | -0.07   | -0.07   | -0.02   | -0.05      |         | ppb   |
| Cobalt     | 59-2  | -0.02   | -0.02   | 0.00    | -0.01      |         | ppb   |
| Copper     | 63-2  | -0.60   | -0.61   | -0.63   | -0.61      |         | ppb   |
| Dysprosium | 156-1 |         |         |         |            |         | cps   |
| Dysprosium | 156-2 |         |         |         |            |         | cps   |
| Erbium     | 164-1 |         |         |         |            |         | cps   |
| Erbium     | 164-2 |         |         |         |            |         | cps   |
| Gadolinium | 160-1 |         |         |         |            |         | cps   |
| Gadolinium | 160-2 |         |         |         |            |         | cps   |
| Holmium    | 165-1 |         |         |         | 118        |         | %     |
| Holmium    | 165-2 |         |         |         | 114        |         | %     |
| Indium     | 115-1 |         |         |         | 115        |         | %     |
| Indium     | 115-2 |         |         |         | 107        |         | %     |
| Iron       | 56-2  | 0.72    | 1.10    | 1.10    | 0.97       | 22.78   | ppb   |
| Iron       | 57-2  | 0.62    | -0.35   | 1.13    | 0.47       | 161.29  | ppb   |
| Krypton    | 83-1  |         |         |         |            |         | cps   |
| Lead       | 206-1 | 0.02    | 0.00    | 0.01    | 0.01       | 68.42   | ppb   |
| Lead       | 207-1 | 0.03    | 0.00    | 0.02    | 0.02       | 79.72   | ppb   |
| Lead       | 208-1 | 0.01    | 0.00    | 0.01    | 0.01       | 70.41   | ppb   |
| Lithium    | 6-1   |         |         |         | 111        |         | %     |
| Magnesium  | 24-2  | 3.85    | 3.92    | 7.57    | 5.12       | 41.62   | ppb   |

|                         |                     |                   |                     |
|-------------------------|---------------------|-------------------|---------------------|
| LB Number :             | LB97237             | Operator :        | Jaswal              |
| Lab Sample ID :         | CCB99               | Instrumnet Name : | P8                  |
| Client Sample ID :      | CCB99               | Dilution Factor : | 1                   |
| Date & Time Acquired :: | 2018-08-10 20:25:08 | DataFile Name :   | 128CCBE_P8081018-M5 |

| Parameter  | Mass  | ConRep1  | ConRep2  | ConRep3  | Avg. Conc. | ConcRSD | Units |
|------------|-------|----------|----------|----------|------------|---------|-------|
| Manganese  | 55-2  | -0.47    | -0.47    | -0.38    | -0.44      |         | ppb   |
| Molybdenum | 94-1  | 0.28     | 0.23     | 0.34     | 0.28       | 18.37   | ppb   |
| Molybdenum | 95-1  | 0.20     | 0.17     | 0.21     | 0.19       | 11.77   | ppb   |
| Molybdenum | 96-1  | 0.20     | 0.23     | 0.21     | 0.21       | 5.38    | ppb   |
| Molybdenum | 97-1  | 0.28     | 0.24     | 0.29     | 0.27       | 10.09   | ppb   |
| Molybdenum | 98-1  | 0.23     | 0.21     | 0.23     | 0.22       | 6.00    | ppb   |
| Neodymium  | 150-1 |          |          |          |            |         | cps   |
| Neodymium  | 150-2 |          |          |          |            |         | cps   |
| Nickel     | 60-2  | -0.20    | -0.18    | -0.22    | -0.20      |         | ppb   |
| Phosphorus | 31-2  | -17.95   | -17.95   | 8.85     | -9.01      |         | ppb   |
| Potassium  | 39-2  | -2.49    | -6.23    | 0.09     | -2.87      |         | ppb   |
| Rhodium    | 103-1 |          |          |          | 113        |         | %     |
| Rhodium    | 103-2 |          |          |          | 110        |         | %     |
| Scandium   | 45-1  |          |          |          | 110        |         | %     |
| Scandium   | 45-2  |          |          |          | 101        |         | %     |
| Selenium   | 77-2  | 0.00     | 0.00     | 0.00     | 0.00       | N/A     | ppb   |
| Selenium   | 78-2  | 0.00     | 0.94     | 0.95     | 0.63       | 86.61   | ppb   |
| Selenium   | 82-1  | 0.33     | 0.30     | 0.09     | 0.24       | 54.37   | ppb   |
| Silicon    | 28-1  | -20.54   | -19.85   | -18.24   | -19.54     |         | ppb   |
| Silver     | 109-1 | 0.04     | 0.03     | 0.04     | 0.04       | 10.87   | ppb   |
| Silver     | 107-1 | 0.03     | 0.04     | 0.05     | 0.04       | 19.05   | ppb   |
| Sodium     | 23-2  | 83.78    | 79.41    | 87.48    | 83.55      | 4.83    | ppb   |
| Strontium  | 86-1  | -0.03    | -0.04    | -0.03    | -0.03      |         | ppb   |
| Strontium  | 88-1  | 0.01     | 0.01     | 0.00     | 0.01       | 32.90   | ppb   |
| Sulfur     | 34-1  | -1705.70 | -1466.42 | -1299.17 | -1490.43   |         | ppb   |
| Terbium    | 159-1 |          |          |          | 117        |         | %     |
| Terbium    | 159-2 |          |          |          | 113        |         | %     |
| Thallium   | 203-1 | 0.02     | 0.03     | 0.03     | 0.03       | 20.14   | ppb   |
| Thallium   | 205-1 | 0.04     | 0.05     | 0.05     | 0.04       | 7.84    | ppb   |
| Tin        | 118-1 | 0.09     | 0.10     | 0.07     | 0.09       | 14.79   | ppb   |
| Titanium   | 47-1  | -0.04    | -0.04    | -0.03    | -0.04      |         | ppb   |
| Uranium    | 238-1 | 0.00     | 0.00     | 0.00     | 0.00       |         | ppb   |
| Vanadium   | 51-2  | 0.00     | -0.01    | 0.00     | -0.01      |         | ppb   |
| Yttrium    | 89-1  |          |          |          | 113        |         | %     |
| Yttrium    | 89-2  |          |          |          | 105        |         | %     |
| Zinc       | 66-2  | 0.10     | 0.20     | -0.10    | 0.07       | 230.62  | ppb   |

|                         |                     |                   |                     |
|-------------------------|---------------------|-------------------|---------------------|
| LB Number :             | LB97237             | Operator :        | Jaswal              |
| Lab Sample ID :         | CCB99               | Instrumnet Name : | P8                  |
| Client Sample ID :      | CCB99               | Dilution Factor : | 1                   |
| Date & Time Acquired :: | 2018-08-10 20:25:08 | DataFile Name :   | 128CCBE_P8081018-MS |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|-----------|------|---------|---------|---------|------------|---------|-------|
| Zirconium | 90-1 | 0.08    | 0.07    | 0.08    | 0.08       | 11.36   | ppb   |
| Zirconium | 91-1 | 0.07    | 0.12    | 0.08    | 0.09       | 26.79   | ppb   |

|                         |                     |                   |                     |
|-------------------------|---------------------|-------------------|---------------------|
| LB Number :             | LB97237             | Operator :        | Jaswal              |
| Lab Sample ID :         | J4379-04DLX5        | Instrumnet Name : | P8                  |
| Client Sample ID :      | MW-106IDL           | Dilution Factor : | 5                   |
| Date & Time Acquired :: | 2018-08-10 20:28:30 | DataFile Name :   | 129SMPL_P8081018-MS |

| Parameter  | Mass  | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|------------|-------|---------|---------|---------|------------|---------|-------|
| Aluminium  | 27-2  | 9.35    | 11.80   | 11.62   | 10.93      | 12.48   | ppb   |
| Antimony   | 121-1 | 0.48    | 0.42    | 0.47    | 0.46       | 6.21    | ppb   |
| Arsenic    | 75-2  | 0.91    | 1.13    | 1.39    | 1.14       | 21.10   | ppb   |
| Barium     | 135-1 | 10.02   | 9.71    | 9.86    | 9.86       | 1.57    | ppb   |
| Barium     | 137-1 | 9.64    | 9.71    | 9.73    | 9.69       | 0.49    | ppb   |
| Beryllium  | 9-1   | 0.11    | 0.11    | 0.11    | 0.11       | 2.30    | ppb   |
| Bismuth    | 209-1 |         |         |         | 115        |         | %     |
| Bismuth    | 209-2 |         |         |         | 108        |         | %     |
| Boron      | 10-1  | 153.24  | 161.80  | 163.46  | 159.50     | 3.44    | ppb   |
| Boron      | 11-1  | 155.42  | 166.24  | 162.95  | 161.54     | 3.43    | ppb   |
| Cadmium    | 111-1 | 0.00    | -0.10   | -0.02   | -0.04      |         | ppb   |
| Cadmium    | 106-1 | -0.55   | -1.73   | -0.96   | -1.08      |         | ppb   |
| Cadmium    | 108-1 | 0.10    | 0.10    | 0.10    | 0.10       | 1.99    | ppb   |
| Calcium    | 43-1  | 2466.56 | 2407.50 | 2427.45 | 2433.83    | 1.23    | ppb   |
| Calcium    | 44-1  | 2473.75 | 2408.26 | 2460.13 | 2447.38    | 1.41    | ppb   |
| Chromium   | 52-2  | 0.17    | 0.18    | 0.21    | 0.19       | 10.83   | ppb   |
| Cobalt     | 59-2  | 0.03    | 0.02    | 0.04    | 0.03       | 34.83   | ppb   |
| Copper     | 63-2  | 1.88    | 1.96    | 2.05    | 1.96       | 4.39    | 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 |         |         |         | 116        |         | %     |
| Holmium    | 165-2 |         |         |         | 110        |         | %     |
| Indium     | 115-1 |         |         |         | 111        |         | %     |
| Indium     | 115-2 |         |         |         | 100        |         | %     |
| Iron       | 56-2  | 136.97  | 135.85  | 136.86  | 136.56     | 0.45    | ppb   |
| Iron       | 57-2  | 141.50  | 150.24  | 120.18  | 137.31     | 11.26   | ppb   |
| Krypton    | 83-1  |         |         |         |            |         | cps   |
| Lead       | 206-1 | 1.27    | 1.19    | 1.20    | 1.22       | 3.55    | ppb   |
| Lead       | 207-1 | 1.17    | 1.16    | 1.12    | 1.15       | 2.29    | ppb   |
| Lead       | 208-1 | 1.21    | 1.18    | 1.17    | 1.19       | 1.72    | ppb   |
| Lithium    | 6-1   |         |         |         | 103        |         | %     |
| Magnesium  | 24-2  | 7007.52 | 7218.98 | 7069.93 | 7098.81    | 1.53    | ppb   |

|                         |                     |                   |                     |
|-------------------------|---------------------|-------------------|---------------------|
| LB Number :             | LB97237             | Operator :        | Jaswal              |
| Lab Sample ID :         | J4379-04DLX5        | Instrumnet Name : | P8                  |
| Client Sample ID :      | MW-106IDL           | Dilution Factor : | 5                   |
| Date & Time Acquired :: | 2018-08-10 20:28:30 | DataFile Name :   | 129SMPL_P8081018-MS |

| Parameter  | Mass  | ConRep1   | ConRep2   | ConRep3   | Avg. Conc. | ConcRSD | Units |
|------------|-------|-----------|-----------|-----------|------------|---------|-------|
| Manganese  | 55-2  | 7.18      | 7.27      | 7.67      | 7.38       | 3.56    | ppb   |
| Molybdenum | 94-1  | 3.00      | 2.95      | 3.01      | 2.99       | 1.03    | ppb   |
| Molybdenum | 95-1  | 3.16      | 3.12      | 3.06      | 3.11       | 1.71    | ppb   |
| Molybdenum | 96-1  | 3.17      | 3.18      | 3.27      | 3.21       | 1.79    | ppb   |
| Molybdenum | 97-1  | 3.19      | 3.09      | 3.13      | 3.14       | 1.65    | ppb   |
| Molybdenum | 98-1  | 3.23      | 3.10      | 3.26      | 3.19       | 2.55    | ppb   |
| Neodymium  | 150-1 |           |           |           |            |         | cps   |
| Neodymium  | 150-2 |           |           |           |            |         | cps   |
| Nickel     | 60-2  | 0.04      | 0.08      | 0.03      | 0.05       | 50.12   | ppb   |
| Phosphorus | 31-2  | 68.57     | 159.68    | 69.71     | 99.32      | 52.63   | ppb   |
| Potassium  | 39-2  | 7593.66   | 7834.48   | 7484.35   | 7637.49    | 2.35    | ppb   |
| Rhodium    | 103-1 |           |           |           | 108        |         | %     |
| Rhodium    | 103-2 |           |           |           | 103        |         | %     |
| Scandium   | 45-1  |           |           |           | 104        |         | %     |
| Scandium   | 45-2  |           |           |           | 93         |         | %     |
| Selenium   | 77-2  | 12.54     | 0.00      | 0.00      | 4.18       | 173.21  | ppb   |
| Selenium   | 78-2  | 1.00      | 2.05      | 1.01      | 1.35       | 44.61   | ppb   |
| Selenium   | 82-1  | 0.06      | 0.82      | 1.17      | 0.68       | 82.35   | ppb   |
| Silicon    | 28-1  | 669.28    | 646.24    | 653.65    | 656.39     | 1.79    | ppb   |
| Silver     | 109-1 | 0.18      | 0.17      | 0.16      | 0.17       | 5.84    | ppb   |
| Silver     | 107-1 | 0.19      | 0.17      | 0.15      | 0.17       | 9.81    | ppb   |
| Sodium     | 23-2  | 139072.70 | 141950.34 | 139796.22 | 140273.09  | 1.07    | ppb   |
| Strontium  | 86-1  | 70.11     | 68.69     | 69.55     | 69.45      | 1.03    | ppb   |
| Strontium  | 88-1  | 73.48     | 72.16     | 72.90     | 72.85      | 0.91    | ppb   |
| Sulfur     | 34-1  | 8610.54   | 8069.33   | 8297.06   | 8325.65    | 3.26    | ppb   |
| Terbium    | 159-1 |           |           |           | 115        |         | %     |
| Terbium    | 159-2 |           |           |           | 108        |         | %     |
| Thallium   | 203-1 | 0.12      | 0.11      | 0.10      | 0.11       | 9.22    | ppb   |
| Thallium   | 205-1 | 0.15      | 0.12      | 0.12      | 0.13       | 16.00   | ppb   |
| Tin        | 118-1 | 0.32      | 0.30      | 0.35      | 0.32       | 7.49    | ppb   |
| Titanium   | 47-1  | 0.38      | 0.36      | 0.92      | 0.55       | 57.21   | ppb   |
| Uranium    | 238-1 | 0.10      | 0.10      | 0.10      | 0.10       | 3.88    | ppb   |
| Vanadium   | 51-2  | 1.18      | 1.28      | 1.16      | 1.21       | 5.13    | ppb   |
| Yttrium    | 89-1  |           |           |           | 110        |         | %     |
| Yttrium    | 89-2  |           |           |           | 98         |         | %     |
| Zinc       | 66-2  | 29.18     | 28.94     | 29.73     | 29.28      | 1.39    | ppb   |

|                         |                     |                   |                     |
|-------------------------|---------------------|-------------------|---------------------|
| LB Number :             | LB97237             | Operator :        | Jaswal              |
| Lab Sample ID :         | J4379-04DLX5        | Instrumnet Name : | P8                  |
| Client Sample ID :      | MW-106IDL           | Dilution Factor : | 5                   |
| Date & Time Acquired :: | 2018-08-10 20:28:30 | DataFile Name :   | 129SMPL_P8081018-MS |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|-----------|------|---------|---------|---------|------------|---------|-------|
| Zirconium | 90-1 | 0.52    | 0.44    | 0.41    | 0.46       | 12.69   | ppb   |
| Zirconium | 91-1 | 0.55    | 0.52    | 0.43    | 0.50       | 12.22   | ppb   |

|                         |                     |                   |                     |
|-------------------------|---------------------|-------------------|---------------------|
| LB Number :             | LB97237             | Operator :        | Jaswal              |
| Lab Sample ID :         | J4379-05DLX5        | Instrumnet Name : | P8                  |
| Client Sample ID :      | MW-107SDL           | Dilution Factor : | 5                   |
| Date & Time Acquired :: | 2018-08-10 20:31:50 | DataFile Name :   | 130SMPL_P8081018-MS |

| Parameter  | Mass  | ConRep1  | ConRep2  | ConRep3  | Avg. Conc. | ConcRSD | Units |
|------------|-------|----------|----------|----------|------------|---------|-------|
| Aluminium  | 27-2  | 3.19     | 1.59     | 1.58     | 2.12       | 43.53   | ppb   |
| Antimony   | 121-1 | 0.36     | 0.34     | 0.33     | 0.34       | 4.18    | ppb   |
| Arsenic    | 75-2  | 0.05     | 0.12     | 0.05     | 0.07       | 55.85   | ppb   |
| Barium     | 135-1 | 27.96    | 27.93    | 28.79    | 28.23      | 1.73    | ppb   |
| Barium     | 137-1 | 27.94    | 28.16    | 28.75    | 28.28      | 1.49    | ppb   |
| Beryllium  | 9-1   | 0.12     | 0.02     | 0.06     | 0.07       | 69.26   | ppb   |
| Bismuth    | 209-1 |          |          |          | 118        |         | %     |
| Bismuth    | 209-2 |          |          |          | 109        |         | %     |
| Boron      | 10-1  | 114.15   | 114.44   | 116.30   | 114.96     | 1.01    | ppb   |
| Boron      | 11-1  | 114.76   | 114.70   | 118.76   | 116.07     | 2.00    | ppb   |
| Cadmium    | 111-1 | 0.04     | -0.04    | 0.01     | 0.00       | 1921.27 | ppb   |
| Cadmium    | 106-1 | -0.17    | -0.74    | -0.37    | -0.43      |         | ppb   |
| Cadmium    | 108-1 | 0.04     | 0.15     | 0.01     | 0.07       | 107.41  | ppb   |
| Calcium    | 43-1  | 32551.61 | 32500.27 | 33768.71 | 32940.19   | 2.18    | ppb   |
| Calcium    | 44-1  | 32566.65 | 32414.71 | 33995.70 | 32992.35   | 2.64    | ppb   |
| Chromium   | 52-2  | 0.31     | 0.30     | 0.30     | 0.30       | 1.04    | ppb   |
| Cobalt     | 59-2  | 0.02     | 0.00     | 0.02     | 0.01       | 88.83   | ppb   |
| Copper     | 63-2  | -0.05    | -0.09    | -0.03    | -0.06      |         | ppb   |
| Dysprosium | 156-1 |          |          |          |            |         | cps   |
| Dysprosium | 156-2 |          |          |          |            |         | cps   |
| Erbium     | 164-1 |          |          |          |            |         | cps   |
| Erbium     | 164-2 |          |          |          |            |         | cps   |
| Gadolinium | 160-1 |          |          |          |            |         | cps   |
| Gadolinium | 160-2 |          |          |          |            |         | cps   |
| Holmium    | 165-1 |          |          |          | 118        |         | %     |
| Holmium    | 165-2 |          |          |          | 111        |         | %     |
| Indium     | 115-1 |          |          |          | 112        |         | %     |
| Indium     | 115-2 |          |          |          | 101        |         | %     |
| Iron       | 56-2  | 49.75    | 48.50    | 50.10    | 49.45      | 1.70    | ppb   |
| Iron       | 57-2  | 57.20    | 48.73    | 45.84    | 50.59      | 11.67   | ppb   |
| Krypton    | 83-1  |          |          |          |            |         | cps   |
| Lead       | 206-1 | 0.06     | 0.06     | 0.06     | 0.06       | 5.02    | ppb   |
| Lead       | 207-1 | 0.06     | 0.04     | 0.04     | 0.05       | 27.70   | ppb   |
| Lead       | 208-1 | 0.05     | 0.05     | 0.04     | 0.05       | 4.14    | ppb   |
| Lithium    | 6-1   |          |          |          | 105        |         | %     |
| Magnesium  | 24-2  | 8929.78  | 8959.85  | 8918.48  | 8936.04    | 0.24    | ppb   |



|                         |                     |                   |                     |
|-------------------------|---------------------|-------------------|---------------------|
| LB Number :             | LB97237             | Operator :        | Jaswal              |
| Lab Sample ID :         | J4379-05DLX5        | Instrumnet Name : | P8                  |
| Client Sample ID :      | MW-107SDL           | Dilution Factor : | 5                   |
| Date & Time Acquired :: | 2018-08-10 20:31:50 | DataFile Name :   | 130SMPL_P8081018-MS |

| Parameter  | Mass  | ConRep1  | ConRep2  | ConRep3  | Avg. Conc. | ConcRSD | Units |
|------------|-------|----------|----------|----------|------------|---------|-------|
| Manganese  | 55-2  | 45.43    | 44.01    | 44.51    | 44.65      | 1.61    | ppb   |
| Molybdenum | 94-1  | 0.61     | 0.39     | 0.47     | 0.49       | 22.10   | ppb   |
| Molybdenum | 95-1  | 0.26     | 0.12     | 0.17     | 0.18       | 37.10   | ppb   |
| Molybdenum | 96-1  | 0.33     | 0.15     | 0.23     | 0.24       | 37.59   | ppb   |
| Molybdenum | 97-1  | 0.34     | 0.14     | 0.19     | 0.22       | 45.97   | ppb   |
| Molybdenum | 98-1  | 0.42     | 0.17     | 0.17     | 0.25       | 57.72   | ppb   |
| Neodymium  | 150-1 |          |          |          |            |         | cps   |
| Neodymium  | 150-2 |          |          |          |            |         | cps   |
| Nickel     | 60-2  | -0.01    | -0.04    | -0.05    | -0.03      |         | ppb   |
| Phosphorus | 31-2  | 41.20    | 11.77    | 70.96    | 41.31      | 71.64   | ppb   |
| Potassium  | 39-2  | 6313.82  | 6230.42  | 6210.47  | 6251.57    | 0.88    | ppb   |
| Rhodium    | 103-1 |          |          |          | 108        |         | %     |
| Rhodium    | 103-2 |          |          |          | 105        |         | %     |
| Scandium   | 45-1  |          |          |          | 104        |         | %     |
| Scandium   | 45-2  |          |          |          | 92         |         | %     |
| Selenium   | 77-2  | 0.00     | 0.00     | 6.36     | 2.12       | 173.21  | ppb   |
| Selenium   | 78-2  | 0.00     | 2.02     | 2.03     | 1.35       | 86.60   | ppb   |
| Selenium   | 82-1  | 0.39     | 0.69     | 0.80     | 0.63       | 33.96   | ppb   |
| Silicon    | 28-1  | 2392.99  | 2396.18  | 2486.67  | 2425.28    | 2.19    | ppb   |
| Silver     | 109-1 | 0.10     | 0.09     | 0.10     | 0.10       | 7.42    | ppb   |
| Silver     | 107-1 | 0.12     | 0.10     | 0.10     | 0.11       | 9.58    | ppb   |
| Sodium     | 23-2  | 90839.80 | 90392.07 | 90406.95 | 90546.27   | 0.28    | ppb   |
| Strontium  | 86-1  | 262.15   | 261.48   | 265.88   | 263.17     | 0.90    | ppb   |
| Strontium  | 88-1  | 267.21   | 269.00   | 271.22   | 269.15     | 0.75    | ppb   |
| Sulfur     | 34-1  | 2074.59  | 2076.83  | 2610.10  | 2253.84    | 13.69   | ppb   |
| Terbium    | 159-1 |          |          |          | 117        |         | %     |
| Terbium    | 159-2 |          |          |          | 110        |         | %     |
| Thallium   | 203-1 | 0.04     | 0.05     | 0.04     | 0.05       | 14.54   | ppb   |
| Thallium   | 205-1 | 0.05     | 0.04     | 0.04     | 0.04       | 19.12   | ppb   |
| Tin        | 118-1 | 0.34     | 0.28     | 0.35     | 0.32       | 12.86   | ppb   |
| Titanium   | 47-1  | 0.27     | 0.24     | 0.28     | 0.26       | 8.52    | ppb   |
| Uranium    | 238-1 | 0.20     | 0.20     | 0.21     | 0.20       | 2.49    | ppb   |
| Vanadium   | 51-2  | 0.28     | 0.26     | 0.27     | 0.27       | 3.77    | ppb   |
| Yttrium    | 89-1  |          |          |          | 110        |         | %     |
| Yttrium    | 89-2  |          |          |          | 98         |         | %     |
| Zinc       | 66-2  | 3.16     | 2.89     | 2.85     | 2.96       | 5.74    | ppb   |

|                         |                     |                   |                     |
|-------------------------|---------------------|-------------------|---------------------|
| LB Number :             | LB97237             | Operator :        | Jaswal              |
| Lab Sample ID :         | J4379-05DLX5        | Instrumnet Name : | P8                  |
| Client Sample ID :      | MW-107SDL           | Dilution Factor : | 5                   |
| Date & Time Acquired :: | 2018-08-10 20:31:50 | DataFile Name :   | 130SMPL_P8081018-MS |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|-----------|------|---------|---------|---------|------------|---------|-------|
| Zirconium | 90-1 | 0.35    | 0.21    | 0.21    | 0.26       | 30.60   | ppb   |
| Zirconium | 91-1 | 0.32    | 0.20    | 0.21    | 0.25       | 26.69   | ppb   |

|                         |                     |                   |                     |
|-------------------------|---------------------|-------------------|---------------------|
| LB Number :             | LB97237             | Operator :        | Jaswal              |
| Lab Sample ID :         | J4379-08DLX5        | Instrumnet Name : | P8                  |
| Client Sample ID :      | MW-106DDL           | Dilution Factor : | 5                   |
| Date & Time Acquired :: | 2018-08-10 20:35:10 | DataFile Name :   | 131SMPL_P8081018-MS |

| Parameter  | Mass  | ConRep1  | ConRep2  | ConRep3  | Avg. Conc. | ConcRSD | Units |
|------------|-------|----------|----------|----------|------------|---------|-------|
| Aluminium  | 27-2  | 67.09    | 77.15    | 58.23    | 67.49      | 14.03   | ppb   |
| Antimony   | 121-1 | 0.25     | 0.27     | 0.28     | 0.27       | 6.14    | ppb   |
| Arsenic    | 75-2  | 2.93     | 2.28     | 2.27     | 2.49       | 15.21   | ppb   |
| Barium     | 135-1 | 10.41    | 10.08    | 10.69    | 10.40      | 2.93    | ppb   |
| Barium     | 137-1 | 10.16    | 9.87     | 11.16    | 10.40      | 6.54    | ppb   |
| Beryllium  | 9-1   | 0.08     | 0.04     | 0.10     | 0.07       | 43.37   | ppb   |
| Bismuth    | 209-1 |          |          |          | 119        |         | %     |
| Bismuth    | 209-2 |          |          |          | 105        |         | %     |
| Boron      | 10-1  | 381.05   | 404.50   | 428.28   | 404.61     | 5.84    | ppb   |
| Boron      | 11-1  | 387.60   | 412.71   | 439.77   | 413.36     | 6.31    | ppb   |
| Cadmium    | 111-1 | -0.15    | -0.06    | -0.07    | -0.09      |         | ppb   |
| Cadmium    | 106-1 | -2.05    | -0.79    | -1.04    | -1.30      |         | ppb   |
| Cadmium    | 108-1 | 0.14     | 0.12     | -0.02    | 0.08       | 105.27  | ppb   |
| Calcium    | 43-1  | 8132.40  | 8143.76  | 8830.07  | 8368.74    | 4.77    | ppb   |
| Calcium    | 44-1  | 8160.47  | 8292.66  | 8881.98  | 8445.04    | 4.55    | ppb   |
| Chromium   | 52-2  | 0.47     | 0.41     | 0.42     | 0.43       | 6.96    | ppb   |
| Cobalt     | 59-2  | 0.25     | 0.18     | 0.12     | 0.19       | 33.03   | ppb   |
| Copper     | 63-2  | 2.30     | 1.82     | 1.96     | 2.03       | 12.05   | ppb   |
| Dysprosium | 156-1 |          |          |          |            |         | cps   |
| Dysprosium | 156-2 |          |          |          |            |         | cps   |
| Erbium     | 164-1 |          |          |          |            |         | cps   |
| Erbium     | 164-2 |          |          |          |            |         | cps   |
| Gadolinium | 160-1 |          |          |          |            |         | cps   |
| Gadolinium | 160-2 |          |          |          |            |         | cps   |
| Holmium    | 165-1 |          |          |          | 123        |         | %     |
| Holmium    | 165-2 |          |          |          | 111        |         | %     |
| Indium     | 115-1 |          |          |          | 117        |         | %     |
| Indium     | 115-2 |          |          |          | 101        |         | %     |
| Iron       | 56-2  | 1231.71  | 1060.19  | 1022.90  | 1104.93    | 10.08   | ppb   |
| Iron       | 57-2  | 1182.97  | 1065.16  | 994.73   | 1080.95    | 8.80    | ppb   |
| Krypton    | 83-1  |          |          |          |            |         | cps   |
| Lead       | 206-1 | 1.06     | 1.06     | 1.09     | 1.07       | 1.72    | ppb   |
| Lead       | 207-1 | 1.00     | 0.95     | 1.04     | 0.99       | 4.73    | ppb   |
| Lead       | 208-1 | 0.99     | 0.97     | 1.07     | 1.01       | 4.90    | ppb   |
| Lithium    | 6-1   |          |          |          | 107        |         | %     |
| Magnesium  | 24-2  | 30239.25 | 25755.95 | 24754.06 | 26916.42   | 10.85   | ppb   |

|                         |                     |                   |                     |
|-------------------------|---------------------|-------------------|---------------------|
| LB Number :             | LB97237             | Operator :        | Jaswal              |
| Lab Sample ID :         | J4379-08DLX5        | Instrumnet Name : | P8                  |
| Client Sample ID :      | MW-106DDL           | Dilution Factor : | 5                   |
| Date & Time Acquired :: | 2018-08-10 20:35:10 | DataFile Name :   | 131SMPL_P8081018-MS |

| Parameter  | Mass  | ConRep1   | ConRep2   | ConRep3   | Avg. Conc. | ConcRSD | Units |
|------------|-------|-----------|-----------|-----------|------------|---------|-------|
| Manganese  | 55-2  | 443.43    | 381.01    | 361.31    | 395.25     | 10.85   | ppb   |
| Molybdenum | 94-1  | 1.50      | 1.59      | 1.68      | 1.59       | 5.73    | ppb   |
| Molybdenum | 95-1  | 1.74      | 1.74      | 1.97      | 1.82       | 7.44    | ppb   |
| Molybdenum | 96-1  | 1.70      | 1.76      | 1.95      | 1.80       | 7.09    | ppb   |
| Molybdenum | 97-1  | 1.78      | 1.88      | 2.06      | 1.90       | 7.51    | ppb   |
| Molybdenum | 98-1  | 1.87      | 1.92      | 1.89      | 1.89       | 1.49    | ppb   |
| Neodymium  | 150-1 |           |           |           |            |         | cps   |
| Neodymium  | 150-2 |           |           |           |            |         | cps   |
| Nickel     | 60-2  | 0.16      | 0.12      | 0.15      | 0.14       | 14.85   | ppb   |
| Phosphorus | 31-2  | 137.15    | 119.34    | 87.53     | 114.67     | 21.92   | ppb   |
| Potassium  | 39-2  | 17636.66  | 15023.99  | 14608.35  | 15756.33   | 10.42   | ppb   |
| Rhodium    | 103-1 |           |           |           | 113        |         | %     |
| Rhodium    | 103-2 |           |           |           | 103        |         | %     |
| Scandium   | 45-1  |           |           |           | 111        |         | %     |
| Scandium   | 45-2  |           |           |           | 97         |         | %     |
| Selenium   | 77-2  | 0.00      | 0.00      | 0.00      | 0.00       | N/A     | ppb   |
| Selenium   | 78-2  | 2.16      | 0.00      | 0.94      | 1.03       | 104.68  | ppb   |
| Selenium   | 82-1  | 1.86      | 1.63      | 2.43      | 1.97       | 20.93   | ppb   |
| Silicon    | 28-1  | 1269.91   | 1251.96   | 1378.20   | 1300.02    | 5.25    | ppb   |
| Silver     | 109-1 | 0.06      | 0.06      | 0.07      | 0.06       | 11.41   | ppb   |
| Silver     | 107-1 | 0.07      | 0.07      | 0.14      | 0.09       | 41.95   | ppb   |
| Sodium     | 23-2  | 454529.66 | 393181.78 | 377731.00 | 408480.81  | 9.94    | ppb   |
| Strontium  | 86-1  | 157.77    | 159.15    | 172.23    | 163.05     | 4.89    | ppb   |
| Strontium  | 88-1  | 165.80    | 164.25    | 178.04    | 169.36     | 4.46    | ppb   |
| Sulfur     | 34-1  | 20538.48  | 20343.09  | 23245.77  | 21375.78   | 7.59    | ppb   |
| Terbium    | 159-1 |           |           |           | 123        |         | %     |
| Terbium    | 159-2 |           |           |           | 110        |         | %     |
| Thallium   | 203-1 | 0.01      | 0.02      | 0.01      | 0.01       | 39.14   | ppb   |
| Thallium   | 205-1 | 0.01      | 0.01      | 0.01      | 0.01       | 18.15   | ppb   |
| Tin        | 118-1 | 0.46      | 0.50      | 0.54      | 0.50       | 8.65    | ppb   |
| Titanium   | 47-1  | 6.64      | 2.53      | 2.92      | 4.03       | 56.29   | ppb   |
| Uranium    | 238-1 | 0.20      | 0.20      | 0.22      | 0.21       | 5.62    | ppb   |
| Vanadium   | 51-2  | 0.23      | 0.21      | 0.23      | 0.22       | 5.74    | ppb   |
| Yttrium    | 89-1  |           |           |           | 116        |         | %     |
| Yttrium    | 89-2  |           |           |           | 100        |         | %     |
| Zinc       | 66-2  | 43.43     | 36.23     | 35.89     | 38.52      | 11.06   | ppb   |

|                         |                     |                   |                     |
|-------------------------|---------------------|-------------------|---------------------|
| LB Number :             | LB97237             | Operator :        | Jaswal              |
| Lab Sample ID :         | J4379-08DLX5        | Instrumnet Name : | P8                  |
| Client Sample ID :      | MW-106DDL           | Dilution Factor : | 5                   |
| Date & Time Acquired :: | 2018-08-10 20:35:10 | DataFile Name :   | 131SMPL_P8081018-MS |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|-----------|------|---------|---------|---------|------------|---------|-------|
| Zirconium | 90-1 | 0.18    | 0.18    | 0.19    | 0.18       | 3.46    | ppb   |
| Zirconium | 91-1 | 0.24    | 0.24    | 0.19    | 0.22       | 13.53   | ppb   |

|                         |                     |                   |                     |
|-------------------------|---------------------|-------------------|---------------------|
| LB Number :             | LB97237             | Operator :        | Jaswal              |
| Lab Sample ID :         | J4379-09DLX5        | Instrumnet Name : | P8                  |
| Client Sample ID :      | MW-105SDL           | Dilution Factor : | 5                   |
| Date & Time Acquired :: | 2018-08-10 20:38:30 | DataFile Name :   | 132SMPL_P8081018-MS |

| Parameter  | Mass  | ConRep1  | ConRep2  | ConRep3  | Avg. Conc. | ConcRSD | Units |
|------------|-------|----------|----------|----------|------------|---------|-------|
| Aluminium  | 27-2  | 43.60    | 32.52    | 31.50    | 35.87      | 18.71   | ppb   |
| Antimony   | 121-1 | 0.27     | 0.25     | 0.27     | 0.26       | 3.89    | ppb   |
| Arsenic    | 75-2  | 0.12     | 0.14     | 0.12     | 0.12       | 10.21   | ppb   |
| Barium     | 135-1 | 18.89    | 19.46    | 18.94    | 19.10      | 1.64    | ppb   |
| Barium     | 137-1 | 19.35    | 19.24    | 18.85    | 19.14      | 1.36    | ppb   |
| Beryllium  | 9-1   | 0.07     | 0.10     | 0.08     | 0.08       | 16.51   | ppb   |
| Bismuth    | 209-1 |          |          |          | 121        |         | %     |
| Bismuth    | 209-2 |          |          |          | 111        |         | %     |
| Boron      | 10-1  | 133.37   | 132.20   | 127.95   | 131.17     | 2.18    | ppb   |
| Boron      | 11-1  | 131.12   | 133.82   | 131.58   | 132.17     | 1.09    | ppb   |
| Cadmium    | 111-1 | 0.02     | -0.03    | -0.01    | -0.01      |         | ppb   |
| Cadmium    | 106-1 | -0.05    | -0.43    | -0.17    | -0.21      |         | ppb   |
| Cadmium    | 108-1 | 0.09     | 0.09     | 0.01     | 0.07       | 72.36   | ppb   |
| Calcium    | 43-1  | 19064.11 | 19063.87 | 18849.79 | 18992.59   | 0.65    | ppb   |
| Calcium    | 44-1  | 19070.77 | 19320.20 | 18885.81 | 19092.26   | 1.14    | ppb   |
| Chromium   | 52-2  | 0.03     | 0.26     | 0.15     | 0.15       | 75.54   | ppb   |
| Cobalt     | 59-2  | 0.09     | 0.08     | 0.07     | 0.08       | 10.17   | ppb   |
| Copper     | 63-2  | 3.86     | 3.84     | 3.67     | 3.79       | 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 |          |          |          | 121        |         | %     |
| Holmium    | 165-2 |          |          |          | 113        |         | %     |
| Indium     | 115-1 |          |          |          | 115        |         | %     |
| Indium     | 115-2 |          |          |          | 103        |         | %     |
| Iron       | 56-2  | 512.19   | 508.68   | 508.05   | 509.64     | 0.44    | ppb   |
| Iron       | 57-2  | 533.34   | 489.99   | 504.42   | 509.25     | 4.33    | ppb   |
| Krypton    | 83-1  |          |          |          |            |         | cps   |
| Lead       | 206-1 | 1.49     | 1.47     | 1.41     | 1.46       | 2.68    | ppb   |
| Lead       | 207-1 | 1.28     | 1.35     | 1.32     | 1.32       | 2.48    | ppb   |
| Lead       | 208-1 | 1.36     | 1.36     | 1.35     | 1.36       | 0.61    | ppb   |
| Lithium    | 6-1   |          |          |          | 108        |         | %     |
| Magnesium  | 24-2  | 9503.01  | 9364.97  | 9391.15  | 9419.71    | 0.78    | ppb   |

|                         |                     |                   |                     |
|-------------------------|---------------------|-------------------|---------------------|
| LB Number :             | LB97237             | Operator :        | Jaswal              |
| Lab Sample ID :         | J4379-09DLX5        | Instrumnet Name : | P8                  |
| Client Sample ID :      | MW-105SDL           | Dilution Factor : | 5                   |
| Date & Time Acquired :: | 2018-08-10 20:38:30 | DataFile Name :   | 132SMPL_P8081018-MS |

| Parameter  | Mass  | ConRep1  | ConRep2  | ConRep3  | Avg. Conc. | ConcRSD | Units |
|------------|-------|----------|----------|----------|------------|---------|-------|
| Manganese  | 55-2  | 51.85    | 51.19    | 52.13    | 51.72      | 0.94    | ppb   |
| Molybdenum | 94-1  | 0.46     | 0.38     | 0.45     | 0.43       | 9.99    | ppb   |
| Molybdenum | 95-1  | 0.14     | 0.14     | 0.16     | 0.15       | 8.15    | ppb   |
| Molybdenum | 96-1  | 0.20     | 0.20     | 0.18     | 0.19       | 7.83    | ppb   |
| Molybdenum | 97-1  | 0.23     | 0.20     | 0.10     | 0.18       | 38.15   | ppb   |
| Molybdenum | 98-1  | 0.18     | 0.15     | 0.15     | 0.16       | 8.69    | ppb   |
| Neodymium  | 150-1 |          |          |          |            |         | cps   |
| Neodymium  | 150-2 |          |          |          |            |         | cps   |
| Nickel     | 60-2  | 0.21     | 0.17     | 0.11     | 0.16       | 30.63   | ppb   |
| Phosphorus | 31-2  | 126.89   | 124.57   | 153.13   | 134.86     | 11.76   | ppb   |
| Potassium  | 39-2  | 6497.06  | 6423.97  | 6440.00  | 6453.68    | 0.60    | ppb   |
| Rhodium    | 103-1 |          |          |          | 112        |         | %     |
| Rhodium    | 103-2 |          |          |          | 107        |         | %     |
| Scandium   | 45-1  |          |          |          | 107        |         | %     |
| Scandium   | 45-2  |          |          |          | 95         |         | %     |
| Selenium   | 77-2  | 6.24     | 0.00     | 0.00     | 2.08       | 173.21  | ppb   |
| Selenium   | 78-2  | 0.00     | 0.00     | 3.95     | 1.32       | 173.21  | ppb   |
| Selenium   | 82-1  | 0.49     | 0.56     | 0.44     | 0.50       | 11.78   | ppb   |
| Silicon    | 28-1  | 1756.19  | 1751.43  | 1741.10  | 1749.58    | 0.44    | ppb   |
| Silver     | 109-1 | 0.05     | 0.04     | 0.04     | 0.04       | 14.65   | ppb   |
| Silver     | 107-1 | 0.06     | 0.04     | 0.03     | 0.04       | 29.05   | ppb   |
| Sodium     | 23-2  | 74947.75 | 75010.32 | 75045.14 | 75001.07   | 0.07    | ppb   |
| Strontium  | 86-1  | 177.74   | 178.45   | 178.30   | 178.16     | 0.21    | ppb   |
| Strontium  | 88-1  | 184.14   | 183.85   | 185.99   | 184.66     | 0.63    | ppb   |
| Sulfur     | 34-1  | 3062.91  | 3173.79  | 3043.39  | 3093.37    | 2.27    | ppb   |
| Terbium    | 159-1 |          |          |          | 121        |         | %     |
| Terbium    | 159-2 |          |          |          | 113        |         | %     |
| Thallium   | 203-1 | 0.00     | 0.00     | 0.01     | 0.00       | 112.89  | ppb   |
| Thallium   | 205-1 | 0.01     | 0.01     | 0.01     | 0.01       | 22.62   | ppb   |
| Tin        | 118-1 | 0.42     | 0.39     | 0.37     | 0.39       | 5.70    | ppb   |
| Titanium   | 47-1  | 0.99     | 1.01     | 1.02     | 1.01       | 1.34    | ppb   |
| Uranium    | 238-1 | 0.11     | 0.11     | 0.12     | 0.11       | 4.10    | ppb   |
| Vanadium   | 51-2  | 0.56     | 0.53     | 0.51     | 0.53       | 5.36    | ppb   |
| Yttrium    | 89-1  |          |          |          | 112        |         | %     |
| Yttrium    | 89-2  |          |          |          | 100        |         | %     |
| Zinc       | 66-2  | 20.66    | 21.15    | 20.01    | 20.61      | 2.79    | ppb   |

|                         |                     |                   |                     |
|-------------------------|---------------------|-------------------|---------------------|
| LB Number :             | LB97237             | Operator :        | Jaswal              |
| Lab Sample ID :         | J4379-09DLX5        | Instrumnet Name : | P8                  |
| Client Sample ID :      | MW-105SDL           | Dilution Factor : | 5                   |
| Date & Time Acquired :: | 2018-08-10 20:38:30 | DataFile Name :   | 132SMPL_P8081018-MS |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|-----------|------|---------|---------|---------|------------|---------|-------|
| Zirconium | 90-1 | 0.22    | 0.23    | 0.21    | 0.22       | 5.97    | ppb   |
| Zirconium | 91-1 | 0.17    | 0.20    | 0.23    | 0.20       | 14.49   | ppb   |



|                         |                     |                   |                     |
|-------------------------|---------------------|-------------------|---------------------|
| LB Number :             | LB97237             | Operator :        | Jaswal              |
| Lab Sample ID :         | J4379-10DLX5        | Instrumnet Name : | P8                  |
| Client Sample ID :      | MW-105IDL           | Dilution Factor : | 5                   |
| Date & Time Acquired :: | 2018-08-10 20:41:50 | DataFile Name :   | 133SMPL_P8081018-MS |

| Parameter  | Mass  | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|------------|-------|---------|---------|---------|------------|---------|-------|
| Aluminium  | 27-2  | 18.73   | 20.89   | 15.17   | 18.26      | 15.82   | ppb   |
| Antimony   | 121-1 | 0.28    | 0.27    | 0.27    | 0.27       | 2.21    | ppb   |
| Arsenic    | 75-2  | 2.40    | 1.84    | 2.13    | 2.12       | 13.01   | ppb   |
| Barium     | 135-1 | 15.58   | 15.59   | 15.46   | 15.54      | 0.49    | ppb   |
| Barium     | 137-1 | 15.85   | 15.32   | 15.41   | 15.53      | 1.83    | ppb   |
| Beryllium  | 9-1   | 0.03    | 0.05    | 0.01    | 0.03       | 71.35   | ppb   |
| Bismuth    | 209-1 |         |         |         | 120        |         | %     |
| Bismuth    | 209-2 |         |         |         | 112        |         | %     |
| Boron      | 10-1  | 90.19   | 85.44   | 95.03   | 90.22      | 5.31    | ppb   |
| Boron      | 11-1  | 92.82   | 92.61   | 93.07   | 92.83      | 0.25    | ppb   |
| Cadmium    | 111-1 | -0.07   | -0.03   | -0.03   | -0.04      |         | ppb   |
| Cadmium    | 106-1 | -0.88   | -0.64   | -0.64   | -0.72      |         | ppb   |
| Cadmium    | 108-1 | 0.18    | -0.02   | -0.02   | 0.05       | 227.59  | ppb   |
| Calcium    | 43-1  | 3061.80 | 2916.30 | 2973.41 | 2983.84    | 2.46    | ppb   |
| Calcium    | 44-1  | 2995.15 | 2914.37 | 2951.55 | 2953.69    | 1.37    | ppb   |
| Chromium   | 52-2  | 0.25    | 0.24    | 0.11    | 0.20       | 40.16   | ppb   |
| Cobalt     | 59-2  | 0.02    | 0.03    | 0.02    | 0.02       | 13.10   | ppb   |
| Copper     | 63-2  | 2.36    | 2.37    | 2.33    | 2.35       | 1.00    | ppb   |
| Dysprosium | 156-1 |         |         |         |            |         | cps   |
| Dysprosium | 156-2 |         |         |         |            |         | cps   |
| Erbium     | 164-1 |         |         |         |            |         | cps   |
| Erbium     | 164-2 |         |         |         |            |         | cps   |
| Gadolinium | 160-1 |         |         |         |            |         | cps   |
| Gadolinium | 160-2 |         |         |         |            |         | cps   |
| Holmium    | 165-1 |         |         |         | 118        |         | %     |
| Holmium    | 165-2 |         |         |         | 113        |         | %     |
| Indium     | 115-1 |         |         |         | 114        |         | %     |
| Indium     | 115-2 |         |         |         | 102        |         | %     |
| Iron       | 56-2  | 539.42  | 538.37  | 522.66  | 533.48     | 1.76    | ppb   |
| Iron       | 57-2  | 534.18  | 564.10  | 516.54  | 538.28     | 4.47    | ppb   |
| Krypton    | 83-1  |         |         |         |            |         | cps   |
| Lead       | 206-1 | 1.28    | 1.19    | 1.22    | 1.23       | 3.78    | ppb   |
| Lead       | 207-1 | 1.12    | 1.15    | 1.19    | 1.15       | 3.07    | ppb   |
| Lead       | 208-1 | 1.19    | 1.16    | 1.17    | 1.17       | 1.34    | ppb   |
| Lithium    | 6-1   |         |         |         | 108        |         | %     |
| Magnesium  | 24-2  | 3759.89 | 3756.73 | 3619.25 | 3711.96    | 2.16    | ppb   |

|                         |                     |                   |                     |
|-------------------------|---------------------|-------------------|---------------------|
| LB Number :             | LB97237             | Operator :        | Jaswal              |
| Lab Sample ID :         | J4379-10DLX5        | Instrumnet Name : | P8                  |
| Client Sample ID :      | MW-105IDL           | Dilution Factor : | 5                   |
| Date & Time Acquired :: | 2018-08-10 20:41:50 | DataFile Name :   | 133SMPL_P8081018-MS |

| Parameter  | Mass  | ConRep1  | ConRep2  | ConRep3  | Avg. Conc. | ConcRSD | Units |
|------------|-------|----------|----------|----------|------------|---------|-------|
| Manganese  | 55-2  | 5.71     | 5.30     | 5.80     | 5.60       | 4.78    | ppb   |
| Molybdenum | 94-1  | 1.81     | 1.77     | 1.60     | 1.73       | 6.52    | ppb   |
| Molybdenum | 95-1  | 2.41     | 2.13     | 2.42     | 2.32       | 6.93    | ppb   |
| Molybdenum | 96-1  | 2.25     | 2.08     | 2.20     | 2.17       | 3.84    | ppb   |
| Molybdenum | 97-1  | 2.39     | 2.16     | 2.36     | 2.30       | 5.42    | ppb   |
| Molybdenum | 98-1  | 2.26     | 2.20     | 2.29     | 2.25       | 2.08    | ppb   |
| Neodymium  | 150-1 |          |          |          |            |         | cps   |
| Neodymium  | 150-2 |          |          |          |            |         | cps   |
| Nickel     | 60-2  | 0.08     | 0.17     | 0.07     | 0.11       | 50.90   | ppb   |
| Phosphorus | 31-2  | 159.12   | 129.75   | 39.91    | 109.59     | 56.67   | ppb   |
| Potassium  | 39-2  | 5753.10  | 5834.56  | 5649.74  | 5745.80    | 1.61    | ppb   |
| Rhodium    | 103-1 |          |          |          | 110        |         | %     |
| Rhodium    | 103-2 |          |          |          | 107        |         | %     |
| Scandium   | 45-1  |          |          |          | 102        |         | %     |
| Scandium   | 45-2  |          |          |          | 93         |         | %     |
| Selenium   | 77-2  | 0.00     | 6.34     | 0.00     | 2.11       | 173.21  | ppb   |
| Selenium   | 78-2  | 0.00     | 2.02     | 0.99     | 1.00       | 100.72  | ppb   |
| Selenium   | 82-1  | 0.49     | 0.67     | 0.82     | 0.66       | 25.56   | ppb   |
| Silicon    | 28-1  | 728.94   | 716.73   | 705.75   | 717.14     | 1.62    | ppb   |
| Silver     | 109-1 | 0.03     | 0.03     | 0.03     | 0.03       | 6.97    | ppb   |
| Silver     | 107-1 | 0.05     | 0.04     | 0.04     | 0.04       | 6.48    | ppb   |
| Sodium     | 23-2  | 35996.08 | 35567.89 | 35203.90 | 35589.29   | 1.11    | ppb   |
| Strontium  | 86-1  | 58.84    | 56.82    | 57.29    | 57.65      | 1.84    | ppb   |
| Strontium  | 88-1  | 60.39    | 57.84    | 58.97    | 59.07      | 2.16    | ppb   |
| Sulfur     | 34-1  | 1080.60  | 377.35   | 830.09   | 762.68     | 46.74   | ppb   |
| Terbium    | 159-1 |          |          |          | 117        |         | %     |
| Terbium    | 159-2 |          |          |          | 112        |         | %     |
| Thallium   | 203-1 | 0.00     | 0.00     | 0.00     | 0.00       | 958.88  | ppb   |
| Thallium   | 205-1 | 0.01     | 0.01     | 0.00     | 0.01       | 47.88   | ppb   |
| Tin        | 118-1 | 0.36     | 0.34     | 0.37     | 0.35       | 3.55    | ppb   |
| Titanium   | 47-1  | 0.69     | 0.70     | 0.57     | 0.66       | 10.83   | ppb   |
| Uranium    | 238-1 | 0.13     | 0.12     | 0.12     | 0.12       | 4.28    | ppb   |
| Vanadium   | 51-2  | 0.84     | 0.82     | 0.66     | 0.77       | 12.78   | ppb   |
| Yttrium    | 89-1  |          |          |          | 110        |         | %     |
| Yttrium    | 89-2  |          |          |          | 99         |         | %     |
| Zinc       | 66-2  | 34.63    | 34.62    | 34.96    | 34.74      | 0.56    | ppb   |

|                         |                     |                   |                     |
|-------------------------|---------------------|-------------------|---------------------|
| LB Number :             | LB97237             | Operator :        | Jaswal              |
| Lab Sample ID :         | J4379-10DLX5        | Instrumnet Name : | P8                  |
| Client Sample ID :      | MW-105IDL           | Dilution Factor : | 5                   |
| Date & Time Acquired :: | 2018-08-10 20:41:50 | DataFile Name :   | 133SMPL_P8081018-MS |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|-----------|------|---------|---------|---------|------------|---------|-------|
| Zirconium | 90-1 | 0.10    | 0.11    | 0.10    | 0.10       | 8.46    | ppb   |
| Zirconium | 91-1 | 0.10    | 0.08    | 0.09    | 0.09       | 10.06   | ppb   |

|                         |                     |                   |                     |
|-------------------------|---------------------|-------------------|---------------------|
| LB Number :             | LB97237             | Operator :        | Jaswal              |
| Lab Sample ID :         | J4379-11DLX5        | Instrumnet Name : | P8                  |
| Client Sample ID :      | MW-105DDL           | Dilution Factor : | 5                   |
| Date & Time Acquired :: | 2018-08-10 20:45:10 | DataFile Name :   | 134SMPL_P8081018-MS |

| Parameter  | Mass  | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|------------|-------|---------|---------|---------|------------|---------|-------|
| Aluminium  | 27-2  | 6.44    | 2.65    | 3.13    | 4.07       | 50.73   | ppb   |
| Antimony   | 121-1 | 0.56    | 0.59    | 0.56    | 0.57       | 2.76    | ppb   |
| Arsenic    | 75-2  | 0.05    | 0.14    | 0.19    | 0.13       | 56.70   | ppb   |
| Barium     | 135-1 | 1.85    | 1.92    | 1.95    | 1.91       | 2.82    | ppb   |
| Barium     | 137-1 | 1.88    | 2.04    | 2.03    | 1.98       | 4.42    | ppb   |
| Beryllium  | 9-1   | 0.03    | 0.08    | 0.00    | 0.03       | 114.69  | ppb   |
| Bismuth    | 209-1 |         |         |         | 120        |         | %     |
| Bismuth    | 209-2 |         |         |         | 114        |         | %     |
| Boron      | 10-1  | 27.38   | 27.52   | 23.09   | 26.00      | 9.68    | ppb   |
| Boron      | 11-1  | 25.86   | 26.78   | 25.01   | 25.88      | 3.41    | ppb   |
| Cadmium    | 111-1 | 0.01    | -0.13   | -0.04   | -0.05      |         | ppb   |
| Cadmium    | 106-1 | 0.09    | -1.89   | -0.53   | -0.78      |         | ppb   |
| Cadmium    | 108-1 | 0.07    | -0.01   | 0.04    | 0.03       | 134.94  | ppb   |
| Calcium    | 43-1  | 785.11  | 834.10  | 791.58  | 803.60     | 3.31    | ppb   |
| Calcium    | 44-1  | 775.26  | 827.39  | 803.15  | 801.94     | 3.25    | ppb   |
| Chromium   | 52-2  | 0.32    | 0.37    | 0.38    | 0.35       | 8.98    | ppb   |
| Cobalt     | 59-2  | 0.04    | 0.04    | 0.01    | 0.03       | 61.07   | ppb   |
| Copper     | 63-2  | 1.60    | 1.58    | 1.84    | 1.67       | 8.79    | 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 |         |         |         | 117        |         | %     |
| Holmium    | 165-2 |         |         |         | 112        |         | %     |
| Indium     | 115-1 |         |         |         | 113        |         | %     |
| Indium     | 115-2 |         |         |         | 103        |         | %     |
| Iron       | 56-2  | 53.92   | 54.51   | 50.88   | 53.10      | 3.67    | ppb   |
| Iron       | 57-2  | 49.72   | 50.55   | 59.11   | 53.13      | 9.79    | ppb   |
| Krypton    | 83-1  |         |         |         |            |         | cps   |
| Lead       | 206-1 | 0.36    | 0.43    | 0.37    | 0.39       | 9.32    | ppb   |
| Lead       | 207-1 | 0.37    | 0.34    | 0.31    | 0.34       | 9.08    | ppb   |
| Lead       | 208-1 | 0.35    | 0.38    | 0.35    | 0.36       | 5.45    | ppb   |
| Lithium    | 6-1   |         |         |         | 108        |         | %     |
| Magnesium  | 24-2  | 555.62  | 585.19  | 524.63  | 555.14     | 5.45    | ppb   |

|                         |                     |                   |                     |
|-------------------------|---------------------|-------------------|---------------------|
| LB Number :             | LB97237             | Operator :        | Jaswal              |
| Lab Sample ID :         | J4379-11DLX5        | Instrumnet Name : | P8                  |
| Client Sample ID :      | MW-105DDL           | Dilution Factor : | 5                   |
| Date & Time Acquired :: | 2018-08-10 20:45:10 | DataFile Name :   | 134SMPL_P8081018-MS |

| Parameter  | Mass  | ConRep1  | ConRep2  | ConRep3  | Avg. Conc. | ConcRSD | Units |
|------------|-------|----------|----------|----------|------------|---------|-------|
| Manganese  | 55-2  | 0.74     | 1.09     | 0.93     | 0.92       | 19.03   | ppb   |
| Molybdenum | 94-1  | 0.16     | 0.19     | 0.17     | 0.18       | 9.32    | ppb   |
| Molybdenum | 95-1  | 0.15     | 0.11     | 0.12     | 0.13       | 16.72   | ppb   |
| Molybdenum | 96-1  | 0.12     | 0.14     | 0.13     | 0.13       | 6.75    | ppb   |
| Molybdenum | 97-1  | 0.19     | 0.11     | 0.18     | 0.16       | 26.87   | ppb   |
| Molybdenum | 98-1  | 0.12     | 0.16     | 0.15     | 0.14       | 12.81   | ppb   |
| Neodymium  | 150-1 |          |          |          |            |         | cps   |
| Neodymium  | 150-2 |          |          |          |            |         | cps   |
| Nickel     | 60-2  | 0.27     | 0.28     | 0.08     | 0.21       | 53.81   | ppb   |
| Phosphorus | 31-2  | -17.95   | -17.95   | 11.22    | -8.22      |         | ppb   |
| Potassium  | 39-2  | 18727.42 | 18599.19 | 18288.28 | 18538.30   | 1.22    | ppb   |
| Rhodium    | 103-1 |          |          |          | 109        |         | %     |
| Rhodium    | 103-2 |          |          |          | 108        |         | %     |
| Scandium   | 45-1  |          |          |          | 101        |         | %     |
| Scandium   | 45-2  |          |          |          | 92         |         | %     |
| Selenium   | 77-2  | 0.00     | 0.00     | 6.25     | 2.08       | 173.21  | ppb   |
| Selenium   | 78-2  | 1.00     | 0.00     | 1.00     | 0.66       | 86.60   | ppb   |
| Selenium   | 82-1  | 0.31     | 0.43     | 0.08     | 0.27       | 65.72   | ppb   |
| Silicon    | 28-1  | 338.42   | 365.93   | 343.30   | 349.22     | 4.20    | ppb   |
| Silver     | 109-1 | 0.04     | 0.03     | 0.04     | 0.04       | 21.28   | ppb   |
| Silver     | 107-1 | 0.03     | 0.03     | 0.03     | 0.03       | 3.54    | ppb   |
| Sodium     | 23-2  | 8565.65  | 8444.93  | 8304.70  | 8438.42    | 1.55    | ppb   |
| Strontium  | 86-1  | 57.29    | 60.02    | 58.35    | 58.55      | 2.36    | ppb   |
| Strontium  | 88-1  | 58.74    | 61.42    | 58.72    | 59.63      | 2.61    | ppb   |
| Sulfur     | 34-1  | -940.09  | -447.88  | -1061.10 | -816.35    |         | ppb   |
| Terbium    | 159-1 |          |          |          | 117        |         | %     |
| Terbium    | 159-2 |          |          |          | 112        |         | %     |
| Thallium   | 203-1 | 0.00     | 0.01     | -0.01    | 0.00       | 1691.18 | ppb   |
| Thallium   | 205-1 | 0.00     | 0.01     | 0.00     | 0.00       | 78.39   | ppb   |
| Tin        | 118-1 | 0.29     | 0.30     | 0.28     | 0.29       | 2.60    | ppb   |
| Titanium   | 47-1  | 0.16     | 0.25     | 0.17     | 0.19       | 26.33   | ppb   |
| Uranium    | 238-1 | 0.08     | 0.08     | 0.09     | 0.08       | 1.81    | ppb   |
| Vanadium   | 51-2  | 0.66     | 0.45     | 0.68     | 0.59       | 21.72   | ppb   |
| Yttrium    | 89-1  |          |          |          | 108        |         | %     |
| Yttrium    | 89-2  |          |          |          | 99         |         | %     |
| Zinc       | 66-2  | 13.75    | 13.16    | 12.55    | 13.15      | 4.55    | ppb   |

|                         |                     |                   |                     |
|-------------------------|---------------------|-------------------|---------------------|
| LB Number :             | LB97237             | Operator :        | Jaswal              |
| Lab Sample ID :         | J4379-11DLX5        | Instrumnet Name : | P8                  |
| Client Sample ID :      | MW-105DDL           | Dilution Factor : | 5                   |
| Date & Time Acquired :: | 2018-08-10 20:45:10 | DataFile Name :   | 134SMPL_P8081018-MS |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|-----------|------|---------|---------|---------|------------|---------|-------|
| Zirconium | 90-1 | 0.04    | 0.03    | 0.02    | 0.03       | 29.75   | ppb   |
| Zirconium | 91-1 | 0.04    | 0.06    | 0.04    | 0.05       | 32.27   | ppb   |

|                         |                     |                   |                     |
|-------------------------|---------------------|-------------------|---------------------|
| LB Number :             | LB97237             | Operator :        | Jaswal              |
| Lab Sample ID :         | J4379-12DLX5        | Instrumnet Name : | P8                  |
| Client Sample ID :      | MW-103SDL           | Dilution Factor : | 5                   |
| Date & Time Acquired :: | 2018-08-10 20:48:31 | DataFile Name :   | 135SMPL_P8081018-MS |

| Parameter  | Mass  | ConRep1  | ConRep2  | ConRep3  | Avg. Conc. | ConcRSD | Units |
|------------|-------|----------|----------|----------|------------|---------|-------|
| Aluminium  | 27-2  | 48.56    | 35.86    | 43.61    | 42.68      | 15.01   | ppb   |
| Antimony   | 121-1 | 0.23     | 0.21     | 0.20     | 0.21       | 5.75    | ppb   |
| Arsenic    | 75-2  | 0.23     | 0.30     | 0.21     | 0.24       | 19.49   | ppb   |
| Barium     | 135-1 | 44.89    | 46.44    | 45.24    | 45.52      | 1.78    | ppb   |
| Barium     | 137-1 | 45.04    | 46.03    | 45.51    | 45.53      | 1.09    | ppb   |
| Beryllium  | 9-1   | 0.04     | 0.06     | 0.07     | 0.05       | 21.84   | ppb   |
| Bismuth    | 209-1 |          |          |          | 115        |         | %     |
| Bismuth    | 209-2 |          |          |          | 108        |         | %     |
| Boron      | 10-1  | 234.40   | 258.55   | 242.93   | 245.29     | 4.99    | ppb   |
| Boron      | 11-1  | 243.67   | 258.86   | 258.18   | 253.57     | 3.38    | ppb   |
| Cadmium    | 111-1 | 0.01     | 0.00     | -0.02    | 0.00       |         | ppb   |
| Cadmium    | 106-1 | 0.06     | -0.15    | -0.30    | -0.13      |         | ppb   |
| Cadmium    | 108-1 | 0.01     | 0.01     | 0.07     | 0.03       | 105.12  | ppb   |
| Calcium    | 43-1  | 17849.91 | 18485.79 | 18390.90 | 18242.20   | 1.88    | ppb   |
| Calcium    | 44-1  | 18088.01 | 18596.36 | 18468.08 | 18384.15   | 1.44    | ppb   |
| Chromium   | 52-2  | 0.26     | 0.21     | 0.24     | 0.24       | 10.66   | ppb   |
| Cobalt     | 59-2  | 0.07     | 0.03     | 0.04     | 0.05       | 36.43   | ppb   |
| Copper     | 63-2  | 0.08     | -0.02    | 0.09     | 0.05       | 122.96  | 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 |          |          |          | 118        |         | %     |
| Holmium    | 165-2 |          |          |          | 113        |         | %     |
| Indium     | 115-1 |          |          |          | 112        |         | %     |
| Indium     | 115-2 |          |          |          | 102        |         | %     |
| Iron       | 56-2  | 219.44   | 216.42   | 230.82   | 222.23     | 3.42    | ppb   |
| Iron       | 57-2  | 223.59   | 222.43   | 216.82   | 220.95     | 1.64    | ppb   |
| Krypton    | 83-1  |          |          |          |            |         | cps   |
| Lead       | 206-1 | 0.73     | 0.73     | 0.65     | 0.70       | 6.99    | ppb   |
| Lead       | 207-1 | 0.60     | 0.66     | 0.63     | 0.63       | 4.54    | ppb   |
| Lead       | 208-1 | 0.65     | 0.69     | 0.62     | 0.65       | 5.10    | ppb   |
| Lithium    | 6-1   |          |          |          | 103        |         | %     |
| Magnesium  | 24-2  | 30226.18 | 29528.72 | 30474.71 | 30076.54   | 1.63    | ppb   |

|                         |                     |                   |                     |
|-------------------------|---------------------|-------------------|---------------------|
| LB Number :             | LB97237             | Operator :        | Jaswal              |
| Lab Sample ID :         | J4379-12DLX5        | Instrumnet Name : | P8                  |
| Client Sample ID :      | MW-103SDL           | Dilution Factor : | 5                   |
| Date & Time Acquired :: | 2018-08-10 20:48:31 | DataFile Name :   | 135SMPL_P8081018-MS |

| Parameter  | Mass  | ConRep1   | ConRep2   | ConRep3   | Avg. Conc. | ConcRSD | Units |
|------------|-------|-----------|-----------|-----------|------------|---------|-------|
| Manganese  | 55-2  | 37.25     | 36.12     | 36.46     | 36.61      | 1.59    | ppb   |
| Molybdenum | 94-1  | 0.40      | 0.42      | 0.44      | 0.42       | 4.72    | ppb   |
| Molybdenum | 95-1  | 0.13      | 0.16      | 0.16      | 0.15       | 13.84   | ppb   |
| Molybdenum | 96-1  | 0.18      | 0.18      | 0.17      | 0.17       | 3.34    | ppb   |
| Molybdenum | 97-1  | 0.25      | 0.11      | 0.15      | 0.17       | 41.73   | ppb   |
| Molybdenum | 98-1  | 0.16      | 0.14      | 0.11      | 0.14       | 16.36   | ppb   |
| Neodymium  | 150-1 |           |           |           |            |         | cps   |
| Neodymium  | 150-2 |           |           |           |            |         | cps   |
| Nickel     | 60-2  | 0.06      | 0.04      | 0.05      | 0.05       | 22.99   | ppb   |
| Phosphorus | 31-2  | 177.53    | 147.22    | 151.94    | 158.89     | 10.26   | ppb   |
| Potassium  | 39-2  | 16555.66  | 16192.41  | 16906.13  | 16551.40   | 2.16    | ppb   |
| Rhodium    | 103-1 |           |           |           | 108        |         | %     |
| Rhodium    | 103-2 |           |           |           | 104        |         | %     |
| Scandium   | 45-1  |           |           |           | 106        |         | %     |
| Scandium   | 45-2  |           |           |           | 97         |         | %     |
| Selenium   | 77-2  | 0.00      | 0.00      | 0.00      | 0.00       | N/A     | ppb   |
| Selenium   | 78-2  | 0.00      | 2.94      | 0.00      | 0.98       | 173.21  | ppb   |
| Selenium   | 82-1  | 2.17      | 1.92      | 2.14      | 2.08       | 6.63    | ppb   |
| Silicon    | 28-1  | 1532.80   | 1571.00   | 1569.07   | 1557.62    | 1.38    | ppb   |
| Silver     | 109-1 | 0.02      | 0.04      | 0.03      | 0.03       | 34.64   | ppb   |
| Silver     | 107-1 | 0.04      | 0.03      | 0.02      | 0.03       | 32.12   | ppb   |
| Sodium     | 23-2  | 364504.40 | 358787.14 | 370269.54 | 364520.36  | 1.58    | ppb   |
| Strontium  | 86-1  | 413.09    | 422.27    | 415.77    | 417.04     | 1.13    | ppb   |
| Strontium  | 88-1  | 425.31    | 430.60    | 424.96    | 426.96     | 0.74    | ppb   |
| Sulfur     | 34-1  | -1447.62  | -1161.66  | -1242.62  | -1283.96   |         | ppb   |
| Terbium    | 159-1 |           |           |           | 118        |         | %     |
| Terbium    | 159-2 |           |           |           | 112        |         | %     |
| Thallium   | 203-1 | 0.00      | -0.01     | 0.00      | 0.00       |         | ppb   |
| Thallium   | 205-1 | 0.00      | 0.00      | 0.01      | 0.00       | 374.32  | ppb   |
| Tin        | 118-1 | 2.39      | 2.56      | 2.50      | 2.48       | 3.55    | ppb   |
| Titanium   | 47-1  | 1.61      | 1.98      | 1.54      | 1.71       | 13.94   | ppb   |
| Uranium    | 238-1 | 0.00      | 0.00      | 0.00      | 0.00       | 23.22   | ppb   |
| Vanadium   | 51-2  | 0.69      | 0.63      | 0.73      | 0.69       | 7.34    | ppb   |
| Yttrium    | 89-1  |           |           |           | 111        |         | %     |
| Yttrium    | 89-2  |           |           |           | 101        |         | %     |
| Zinc       | 66-2  | 3.20      | 3.42      | 3.45      | 3.36       | 3.96    | ppb   |



|                         |                     |                   |                     |
|-------------------------|---------------------|-------------------|---------------------|
| LB Number :             | LB97237             | Operator :        | Jaswal              |
| Lab Sample ID :         | J4379-12DLX5        | Instrumnet Name : | P8                  |
| Client Sample ID :      | MW-103SDL           | Dilution Factor : | 5                   |
| Date & Time Acquired :: | 2018-08-10 20:48:31 | DataFile Name :   | 135SMPL_P8081018-MS |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|-----------|------|---------|---------|---------|------------|---------|-------|
| Zirconium | 90-1 | 0.23    | 0.20    | 0.19    | 0.21       | 8.01    | ppb   |
| Zirconium | 91-1 | 0.16    | 0.20    | 0.19    | 0.18       | 10.99   | ppb   |

|                         |                     |                   |                     |
|-------------------------|---------------------|-------------------|---------------------|
| LB Number :             | LB97237             | Operator :        | Jaswal              |
| Lab Sample ID :         | J4379-12DUPDLX5     | Instrumnet Name : | P8                  |
| Client Sample ID :      | MW-103SDUPDL        | Dilution Factor : | 5                   |
| Date & Time Acquired :: | 2018-08-10 20:51:51 | DataFile Name :   | 136SMPL_P8081018-MS |

| Parameter  | Mass  | ConRep1  | ConRep2  | ConRep3  | Avg. Conc. | ConcRSD | Units |
|------------|-------|----------|----------|----------|------------|---------|-------|
| Aluminium  | 27-2  | 26.39    | 34.81    | 32.40    | 31.20      | 13.90   | ppb   |
| Antimony   | 121-1 | 0.18     | 0.22     | 0.22     | 0.21       | 11.43   | ppb   |
| Arsenic    | 75-2  | 0.34     | 0.19     | 0.34     | 0.29       | 29.47   | ppb   |
| Barium     | 135-1 | 44.61    | 45.07    | 47.07    | 45.58      | 2.87    | ppb   |
| Barium     | 137-1 | 44.60    | 44.52    | 47.35    | 45.49      | 3.55    | ppb   |
| Beryllium  | 9-1   | 0.08     | 0.08     | 0.01     | 0.06       | 65.98   | ppb   |
| Bismuth    | 209-1 |          |          |          | 115        |         | %     |
| Bismuth    | 209-2 |          |          |          | 112        |         | %     |
| Boron      | 10-1  | 246.45   | 246.31   | 267.67   | 253.48     | 4.85    | ppb   |
| Boron      | 11-1  | 249.79   | 252.08   | 275.63   | 259.17     | 5.52    | ppb   |
| Cadmium    | 111-1 | 0.01     | -0.01    | -0.11    | -0.04      |         | ppb   |
| Cadmium    | 106-1 | 0.14     | -0.21    | -1.46    | -0.51      |         | ppb   |
| Cadmium    | 108-1 | 0.07     | 0.01     | 0.15     | 0.08       | 93.45   | ppb   |
| Calcium    | 43-1  | 18234.03 | 17831.89 | 18840.62 | 18302.18   | 2.77    | ppb   |
| Calcium    | 44-1  | 18147.92 | 17805.38 | 18827.88 | 18260.39   | 2.85    | ppb   |
| Chromium   | 52-2  | 0.17     | 0.23     | 0.14     | 0.18       | 25.99   | ppb   |
| Cobalt     | 59-2  | 0.05     | 0.05     | 0.06     | 0.05       | 12.64   | ppb   |
| Copper     | 63-2  | -0.06    | -0.05    | -0.06    | -0.06      |         | ppb   |
| Dysprosium | 156-1 |          |          |          |            |         | cps   |
| Dysprosium | 156-2 |          |          |          |            |         | cps   |
| Erbium     | 164-1 |          |          |          |            |         | cps   |
| Erbium     | 164-2 |          |          |          |            |         | cps   |
| Gadolinium | 160-1 |          |          |          |            |         | cps   |
| Gadolinium | 160-2 |          |          |          |            |         | cps   |
| Holmium    | 165-1 |          |          |          | 119        |         | %     |
| Holmium    | 165-2 |          |          |          | 118        |         | %     |
| Indium     | 115-1 |          |          |          | 113        |         | %     |
| Indium     | 115-2 |          |          |          | 107        |         | %     |
| Iron       | 56-2  | 216.92   | 219.30   | 209.94   | 215.39     | 2.26    | ppb   |
| Iron       | 57-2  | 207.40   | 230.98   | 235.78   | 224.72     | 6.76    | ppb   |
| Krypton    | 83-1  |          |          |          |            |         | cps   |
| Lead       | 206-1 | 0.70     | 0.71     | 0.70     | 0.70       | 1.17    | ppb   |
| Lead       | 207-1 | 0.63     | 0.67     | 0.69     | 0.66       | 4.21    | ppb   |
| Lead       | 208-1 | 0.66     | 0.67     | 0.70     | 0.68       | 2.99    | ppb   |
| Lithium    | 6-1   |          |          |          | 105        |         | %     |
| Magnesium  | 24-2  | 29605.79 | 29960.56 | 28723.59 | 29429.98   | 2.16    | ppb   |

|                         |                     |                   |                     |
|-------------------------|---------------------|-------------------|---------------------|
| LB Number :             | LB97237             | Operator :        | Jaswal              |
| Lab Sample ID :         | J4379-12DUPDLX5     | Instrumnet Name : | P8                  |
| Client Sample ID :      | MW-103SDUPDL        | Dilution Factor : | 5                   |
| Date & Time Acquired :: | 2018-08-10 20:51:51 | DataFile Name :   | 136SMPL_P8081018-MS |

| Parameter  | Mass  | ConRep1   | ConRep2   | ConRep3   | Avg. Conc. | ConcRSD | Units |
|------------|-------|-----------|-----------|-----------|------------|---------|-------|
| Manganese  | 55-2  | 35.87     | 36.37     | 35.64     | 35.96      | 1.03    | ppb   |
| Molybdenum | 94-1  | 0.40      | 0.35      | 0.39      | 0.38       | 7.31    | ppb   |
| Molybdenum | 95-1  | 0.17      | 0.13      | 0.19      | 0.17       | 18.24   | ppb   |
| Molybdenum | 96-1  | 0.12      | 0.18      | 0.19      | 0.17       | 21.98   | ppb   |
| Molybdenum | 97-1  | 0.16      | 0.17      | 0.17      | 0.17       | 3.33    | ppb   |
| Molybdenum | 98-1  | 0.13      | 0.15      | 0.15      | 0.14       | 7.86    | ppb   |
| Neodymium  | 150-1 |           |           |           |            |         | cps   |
| Neodymium  | 150-2 |           |           |           |            |         | cps   |
| Nickel     | 60-2  | 0.00      | 0.15      | 0.00      | 0.05       | 172.95  | ppb   |
| Phosphorus | 31-2  | 191.35    | 196.13    | 84.75     | 157.41     | 40.01   | ppb   |
| Potassium  | 39-2  | 16452.59  | 16631.56  | 15963.85  | 16349.33   | 2.11    | ppb   |
| Rhodium    | 103-1 |           |           |           | 109        |         | %     |
| Rhodium    | 103-2 |           |           |           | 109        |         | %     |
| Scandium   | 45-1  |           |           |           | 108        |         | %     |
| Scandium   | 45-2  |           |           |           | 104        |         | %     |
| Selenium   | 77-2  | 5.83      | 0.00      | 0.00      | 1.94       | 173.21  | ppb   |
| Selenium   | 78-2  | 0.00      | 1.87      | 0.00      | 0.62       | 173.21  | ppb   |
| Selenium   | 82-1  | 2.01      | 1.11      | 1.82      | 1.64       | 28.91   | ppb   |
| Silicon    | 28-1  | 1546.19   | 1517.23   | 1606.53   | 1556.65    | 2.93    | ppb   |
| Silver     | 109-1 | 0.03      | 0.03      | 0.03      | 0.03       | 8.01    | ppb   |
| Silver     | 107-1 | 0.03      | 0.04      | 0.03      | 0.04       | 11.36   | ppb   |
| Sodium     | 23-2  | 360510.20 | 365318.19 | 348419.03 | 358082.48  | 2.43    | ppb   |
| Strontium  | 86-1  | 414.95    | 408.66    | 435.41    | 419.67     | 3.33    | ppb   |
| Strontium  | 88-1  | 424.59    | 414.57    | 443.58    | 427.58     | 3.45    | ppb   |
| Sulfur     | 34-1  | -1144.29  | -1218.71  | -969.08   | -1110.69   |         | ppb   |
| Terbium    | 159-1 |           |           |           | 119        |         | %     |
| Terbium    | 159-2 |           |           |           | 117        |         | %     |
| Thallium   | 203-1 | 0.00      | -0.01     | -0.01     | -0.01      |         | ppb   |
| Thallium   | 205-1 | 0.00      | 0.00      | 0.00      | 0.00       |         | ppb   |
| Tin        | 118-1 | 2.93      | 2.59      | 2.79      | 2.77       | 6.20    | ppb   |
| Titanium   | 47-1  | 1.67      | 1.33      | 1.37      | 1.46       | 12.84   | ppb   |
| Uranium    | 238-1 | 0.00      | 0.00      | 0.00      | 0.00       | 41.65   | ppb   |
| Vanadium   | 51-2  | 0.80      | 0.64      | 0.74      | 0.72       | 11.36   | ppb   |
| Yttrium    | 89-1  |           |           |           | 113        |         | %     |
| Yttrium    | 89-2  |           |           |           | 106        |         | %     |
| Zinc       | 66-2  | 3.34      | 3.26      | 3.15      | 3.25       | 2.98    | ppb   |

|                         |                     |                   |                     |
|-------------------------|---------------------|-------------------|---------------------|
| LB Number :             | LB97237             | Operator :        | Jaswal              |
| Lab Sample ID :         | J4379-12DUPDLX5     | Instrumnet Name : | P8                  |
| Client Sample ID :      | MW-103SDUPDL        | Dilution Factor : | 5                   |
| Date & Time Acquired :: | 2018-08-10 20:51:51 | DataFile Name :   | 136SMPL_P8081018-MS |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|-----------|------|---------|---------|---------|------------|---------|-------|
| Zirconium | 90-1 | 0.18    | 0.18    | 0.23    | 0.20       | 15.68   | ppb   |
| Zirconium | 91-1 | 0.18    | 0.17    | 0.24    | 0.20       | 17.34   | ppb   |

|                         |                     |                   |                     |
|-------------------------|---------------------|-------------------|---------------------|
| LB Number :             | LB97237             | Operator :        | Jaswal              |
| Lab Sample ID :         | J4379-12LDLX25      | Instrumnet Name : | P8                  |
| Client Sample ID :      | MW-103SLDL          | Dilution Factor : | 25                  |
| Date & Time Acquired :: | 2018-08-10 20:55:11 | DataFile Name :   | 137SMPL_P8081018-MS |

| Parameter  | Mass  | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|------------|-------|---------|---------|---------|------------|---------|-------|
| Aluminium  | 27-2  | 7.50    | 12.65   | 7.04    | 9.06       | 34.38   | ppb   |
| Antimony   | 121-1 | 0.04    | 0.03    | 0.04    | 0.04       | 13.17   | ppb   |
| Arsenic    | 75-2  | 0.07    | 0.01    | -0.01   | 0.02       | 150.20  | ppb   |
| Barium     | 135-1 | 9.36    | 9.42    | 9.13    | 9.30       | 1.66    | ppb   |
| Barium     | 137-1 | 9.10    | 9.54    | 9.23    | 9.29       | 2.41    | ppb   |
| Beryllium  | 9-1   | -0.01   | 0.04    | 0.00    | 0.01       | 215.69  | ppb   |
| Bismuth    | 209-1 |         |         |         | 122        |         | %     |
| Bismuth    | 209-2 |         |         |         | 115        |         | %     |
| Boron      | 10-1  | 61.83   | 60.22   | 65.63   | 62.56      | 4.44    | ppb   |
| Boron      | 11-1  | 63.06   | 65.38   | 65.01   | 64.48      | 1.93    | ppb   |
| Cadmium    | 111-1 | 0.02    | -0.01   | 0.03    | 0.01       | 156.14  | ppb   |
| Cadmium    | 106-1 | 0.16    | -0.08   | 0.47    | 0.18       | 147.60  | ppb   |
| Cadmium    | 108-1 | -0.02   | 0.14    | -0.02   | 0.04       | 252.01  | ppb   |
| Calcium    | 43-1  | 3572.89 | 3628.58 | 3685.65 | 3629.04    | 1.55    | ppb   |
| Calcium    | 44-1  | 3675.13 | 3682.68 | 3761.12 | 3706.31    | 1.28    | ppb   |
| Chromium   | 52-2  | 0.06    | 0.00    | -0.04   | 0.01       | 536.09  | ppb   |
| Cobalt     | 59-2  | -0.01   | -0.02   | 0.00    | -0.01      |         | ppb   |
| Copper     | 63-2  | -0.38   | -0.51   | -0.50   | -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 |         |         |         | 122        |         | %     |
| Holmium    | 165-2 |         |         |         | 118        |         | %     |
| Indium     | 115-1 |         |         |         | 120        |         | %     |
| Indium     | 115-2 |         |         |         | 110        |         | %     |
| Iron       | 56-2  | 48.17   | 42.16   | 42.40   | 44.24      | 7.69    | ppb   |
| Iron       | 57-2  | 44.15   | 49.25   | 48.80   | 47.40      | 5.96    | ppb   |
| Krypton    | 83-1  |         |         |         |            |         | cps   |
| Lead       | 206-1 | 0.14    | 0.13    | 0.14    | 0.14       | 3.54    | ppb   |
| Lead       | 207-1 | 0.10    | 0.10    | 0.11    | 0.11       | 5.98    | ppb   |
| Lead       | 208-1 | 0.12    | 0.12    | 0.12    | 0.12       | 1.48    | ppb   |
| Lithium    | 6-1   |         |         |         | 113        |         | %     |
| Magnesium  | 24-2  | 6615.27 | 5854.30 | 5855.99 | 6108.52    | 7.18    | ppb   |

|                         |                     |                   |                     |
|-------------------------|---------------------|-------------------|---------------------|
| LB Number :             | LB97237             | Operator :        | Jaswal              |
| Lab Sample ID :         | J4379-12LDLX25      | Instrumnet Name : | P8                  |
| Client Sample ID :      | MW-103SLDL          | Dilution Factor : | 25                  |
| Date & Time Acquired :: | 2018-08-10 20:55:11 | DataFile Name :   | 137SMPL_P8081018-MS |

| Parameter  | Mass  | ConRep1  | ConRep2  | ConRep3  | Avg. Conc. | ConcRSD | Units |
|------------|-------|----------|----------|----------|------------|---------|-------|
| Manganese  | 55-2  | 7.72     | 6.77     | 5.76     | 6.75       | 14.54   | ppb   |
| Molybdenum | 94-1  | 0.01     | 0.07     | 0.06     | 0.05       | 63.72   | ppb   |
| Molybdenum | 95-1  | 0.02     | 0.02     | 0.04     | 0.03       | 55.11   | ppb   |
| Molybdenum | 96-1  | 0.04     | 0.01     | 0.05     | 0.03       | 69.02   | ppb   |
| Molybdenum | 97-1  | 0.06     | 0.02     | 0.02     | 0.03       | 74.94   | ppb   |
| Molybdenum | 98-1  | 0.03     | 0.04     | 0.03     | 0.03       | 19.41   | ppb   |
| Neodymium  | 150-1 |          |          |          |            |         | cps   |
| Neodymium  | 150-2 |          |          |          |            |         | cps   |
| Nickel     | 60-2  | -0.11    | -0.09    | -0.16    | -0.12      |         | ppb   |
| Phosphorus | 31-2  | 37.99    | 32.83    | -17.95   | 17.62      | 175.39  | ppb   |
| Potassium  | 39-2  | 3577.66  | 3278.25  | 3232.57  | 3362.83    | 5.57    | ppb   |
| Rhodium    | 103-1 |          |          |          | 117        |         | %     |
| Rhodium    | 103-2 |          |          |          | 113        |         | %     |
| Scandium   | 45-1  |          |          |          | 114        |         | %     |
| Scandium   | 45-2  |          |          |          | 104        |         | %     |
| Selenium   | 77-2  | 0.00     | 0.00     | 0.00     | 0.00       | N/A     | ppb   |
| Selenium   | 78-2  | 0.00     | 0.00     | 0.90     | 0.30       | 173.21  | ppb   |
| Selenium   | 82-1  | 0.75     | 0.52     | 0.27     | 0.51       | 47.33   | ppb   |
| Silicon    | 28-1  | 301.33   | 302.13   | 307.76   | 303.74     | 1.15    | ppb   |
| Silver     | 109-1 | 0.02     | 0.02     | 0.01     | 0.02       | 27.00   | ppb   |
| Silver     | 107-1 | 0.02     | 0.01     | 0.02     | 0.02       | 20.90   | ppb   |
| Sodium     | 23-2  | 79749.33 | 71631.05 | 71311.99 | 74230.79   | 6.44    | ppb   |
| Strontium  | 86-1  | 82.79    | 83.41    | 84.95    | 83.72      | 1.33    | ppb   |
| Strontium  | 88-1  | 86.28    | 85.98    | 87.32    | 86.53      | 0.81    | ppb   |
| Sulfur     | 34-1  | -1341.93 | -1203.11 | -1164.89 | -1236.64   |         | ppb   |
| Terbium    | 159-1 |          |          |          | 122        |         | %     |
| Terbium    | 159-2 |          |          |          | 118        |         | %     |
| Thallium   | 203-1 | -0.01    | 0.00     | -0.01    | -0.01      |         | ppb   |
| Thallium   | 205-1 | 0.00     | 0.00     | 0.00     | 0.00       |         | ppb   |
| Tin        | 118-1 | 0.50     | 0.49     | 0.49     | 0.49       | 1.47    | ppb   |
| Titanium   | 47-1  | 0.34     | 0.16     | 0.37     | 0.29       | 38.69   | ppb   |
| Uranium    | 238-1 | 0.00     | 0.00     | 0.00     | 0.00       |         | ppb   |
| Vanadium   | 51-2  | 0.19     | 0.12     | 0.17     | 0.16       | 21.29   | ppb   |
| Yttrium    | 89-1  |          |          |          | 118        |         | %     |
| Yttrium    | 89-2  |          |          |          | 108        |         | %     |
| Zinc       | 66-2  | 0.40     | 1.05     | 0.59     | 0.68       | 49.31   | ppb   |

|                         |                     |                   |                     |
|-------------------------|---------------------|-------------------|---------------------|
| LB Number :             | LB97237             | Operator :        | Jaswal              |
| Lab Sample ID :         | J4379-12LDLX25      | Instrumnet Name : | P8                  |
| Client Sample ID :      | MW-103SLDL          | Dilution Factor : | 25                  |
| Date & Time Acquired :: | 2018-08-10 20:55:11 | DataFile Name :   | 137SMPL_P8081018-MS |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|-----------|------|---------|---------|---------|------------|---------|-------|
| Zirconium | 90-1 | 0.02    | 0.02    | 0.03    | 0.02       | 15.69   | ppb   |
| Zirconium | 91-1 | 0.03    | 0.04    | 0.05    | 0.04       | 15.66   | ppb   |

|                         |                     |                   |                     |
|-------------------------|---------------------|-------------------|---------------------|
| LB Number :             | LB97237             | Operator :        | Jaswal              |
| Lab Sample ID :         | J4379-13DLX5        | Instrumnet Name : | P8                  |
| Client Sample ID :      | MW-103SMSDL         | Dilution Factor : | 5                   |
| Date & Time Acquired :: | 2018-08-10 20:58:31 | DataFile Name :   | 138SMPL_P8081018-MS |

| Parameter  | Mass  | ConRep1  | ConRep2  | ConRep3  | Avg. Conc. | ConcRSD | Units |
|------------|-------|----------|----------|----------|------------|---------|-------|
| Aluminium  | 27-2  | 1745.90  | 1804.36  | 1780.45  | 1776.90    | 1.65    | ppb   |
| Antimony   | 121-1 | 87.01    | 88.99    | 89.31    | 88.44      | 1.41    | ppb   |
| Arsenic    | 75-2  | 88.17    | 85.76    | 88.10    | 87.34      | 1.57    | ppb   |
| Barium     | 135-1 | 482.13   | 490.03   | 493.11   | 488.42     | 1.16    | ppb   |
| Barium     | 137-1 | 496.21   | 504.56   | 503.30   | 501.36     | 0.90    | ppb   |
| Beryllium  | 9-1   | 89.47    | 89.03    | 93.18    | 90.56      | 2.51    | ppb   |
| Bismuth    | 209-1 |          |          |          | 114        |         | %     |
| Bismuth    | 209-2 |          |          |          | 110        |         | %     |
| Boron      | 10-1  | 316.14   | 323.27   | 339.11   | 326.17     | 3.60    | ppb   |
| Boron      | 11-1  | 321.91   | 327.30   | 344.96   | 331.39     | 3.64    | ppb   |
| Cadmium    | 111-1 | 85.70    | 85.72    | 87.33    | 86.25      | 1.09    | ppb   |
| Cadmium    | 106-1 | 85.50    | 83.22    | 86.70    | 85.14      | 2.08    | ppb   |
| Cadmium    | 108-1 | 84.91    | 88.91    | 88.19    | 87.34      | 2.44    | ppb   |
| Calcium    | 43-1  | 26170.93 | 25791.25 | 26251.43 | 26071.20   | 0.94    | ppb   |
| Calcium    | 44-1  | 26444.07 | 25753.14 | 26073.05 | 26090.09   | 1.33    | ppb   |
| Chromium   | 52-2  | 92.43    | 91.84    | 90.98    | 91.75      | 0.80    | ppb   |
| Cobalt     | 59-2  | 92.34    | 91.27    | 91.25    | 91.62      | 0.68    | ppb   |
| Copper     | 63-2  | 188.41   | 185.87   | 186.69   | 186.99     | 0.69    | ppb   |
| Dysprosium | 156-1 |          |          |          |            |         | cps   |
| Dysprosium | 156-2 |          |          |          |            |         | cps   |
| Erbium     | 164-1 |          |          |          |            |         | cps   |
| Erbium     | 164-2 |          |          |          |            |         | cps   |
| Gadolinium | 160-1 |          |          |          |            |         | cps   |
| Gadolinium | 160-2 |          |          |          |            |         | cps   |
| Holmium    | 165-1 |          |          |          | 117        |         | %     |
| Holmium    | 165-2 |          |          |          | 116        |         | %     |
| Indium     | 115-1 |          |          |          | 111        |         | %     |
| Indium     | 115-2 |          |          |          | 106        |         | %     |
| Iron       | 56-2  | 5121.11  | 5078.65  | 5078.09  | 5092.62    | 0.48    | ppb   |
| Iron       | 57-2  | 4804.16  | 4969.05  | 4931.30  | 4901.50    | 1.76    | ppb   |
| Krypton    | 83-1  |          |          |          |            |         | cps   |
| Lead       | 206-1 | 90.88    | 90.27    | 91.86    | 91.00      | 0.88    | ppb   |
| Lead       | 207-1 | 87.07    | 87.44    | 87.63    | 87.38      | 0.32    | ppb   |
| Lead       | 208-1 | 88.56    | 88.87    | 89.65    | 89.03      | 0.63    | ppb   |
| Lithium    | 6-1   |          |          |          | 104        |         | %     |
| Magnesium  | 24-2  | 36783.76 | 36859.81 | 36703.84 | 36782.47   | 0.21    | ppb   |



|                         |                     |                   |                     |
|-------------------------|---------------------|-------------------|---------------------|
| LB Number :             | LB97237             | Operator :        | Jaswal              |
| Lab Sample ID :         | J4379-13DLX5        | Instrumnet Name : | P8                  |
| Client Sample ID :      | MW-103SMSDL         | Dilution Factor : | 5                   |
| Date & Time Acquired :: | 2018-08-10 20:58:31 | DataFile Name :   | 138SMPL_P8081018-MS |

| Parameter  | Mass  | ConRep1   | ConRep2   | ConRep3   | Avg. Conc. | ConcRSD | Units |
|------------|-------|-----------|-----------|-----------|------------|---------|-------|
| Manganese  | 55-2  | 207.78    | 212.43    | 206.90    | 209.04     | 1.42    | ppb   |
| Molybdenum | 94-1  | 459.54    | 454.41    | 464.36    | 459.44     | 1.08    | ppb   |
| Molybdenum | 95-1  | 466.22    | 457.29    | 465.88    | 463.13     | 1.09    | ppb   |
| Molybdenum | 96-1  | 468.45    | 455.37    | 458.66    | 460.83     | 1.48    | ppb   |
| Molybdenum | 97-1  | 454.22    | 445.23    | 453.74    | 451.06     | 1.12    | ppb   |
| Molybdenum | 98-1  | 463.21    | 456.49    | 460.23    | 459.98     | 0.73    | ppb   |
| Neodymium  | 150-1 |           |           |           |            |         | cps   |
| Neodymium  | 150-2 |           |           |           |            |         | cps   |
| Nickel     | 60-2  | 95.76     | 93.90     | 93.59     | 94.42      | 1.24    | ppb   |
| Phosphorus | 31-2  | 35.03     | 87.84     | 86.64     | 69.84      | 43.17   | ppb   |
| Potassium  | 39-2  | 19615.09  | 19379.61  | 19340.23  | 19444.98   | 0.76    | ppb   |
| Rhodium    | 103-1 |           |           |           | 108        |         | %     |
| Rhodium    | 103-2 |           |           |           | 107        |         | %     |
| Scandium   | 45-1  |           |           |           | 107        |         | %     |
| Scandium   | 45-2  |           |           |           | 103        |         | %     |
| Selenium   | 77-2  | 112.35    | 71.06     | 82.46     | 88.62      | 24.06   | ppb   |
| Selenium   | 78-2  | 85.79     | 86.85     | 68.54     | 80.39      | 12.78   | ppb   |
| Selenium   | 82-1  | 90.84     | 91.00     | 93.28     | 91.71      | 1.49    | ppb   |
| Silicon    | 28-1  | 1582.98   | 1550.19   | 1591.21   | 1574.79    | 1.38    | ppb   |
| Silver     | 109-1 | 86.00     | 87.71     | 88.61     | 87.44      | 1.51    | ppb   |
| Silver     | 107-1 | 84.46     | 85.97     | 85.72     | 85.38      | 0.95    | ppb   |
| Sodium     | 23-2  | 344868.19 | 342625.98 | 339828.87 | 342441.01  | 0.74    | ppb   |
| Strontium  | 86-1  | 489.96    | 479.80    | 487.64    | 485.80     | 1.10    | ppb   |
| Strontium  | 88-1  | 497.19    | 486.17    | 495.18    | 492.85     | 1.19    | ppb   |
| Sulfur     | 34-1  | -835.68   | -1025.79  | -1018.70  | -960.05    |         | ppb   |
| Terbium    | 159-1 |           |           |           | 117        |         | %     |
| Terbium    | 159-2 |           |           |           | 115        |         | %     |
| Thallium   | 203-1 | 90.72     | 90.56     | 91.69     | 90.99      | 0.67    | ppb   |
| Thallium   | 205-1 | 93.42     | 93.10     | 93.65     | 93.39      | 0.30    | ppb   |
| Tin        | 118-1 | 84.63     | 86.01     | 85.70     | 85.45      | 0.84    | ppb   |
| Titanium   | 47-1  | 446.78    | 438.81    | 446.30    | 443.96     | 1.01    | ppb   |
| Uranium    | 238-1 | 93.65     | 93.43     | 93.54     | 93.54      | 0.12    | ppb   |
| Vanadium   | 51-2  | 91.96     | 92.64     | 92.35     | 92.32      | 0.37    | ppb   |
| Yttrium    | 89-1  |           |           |           | 111        |         | %     |
| Yttrium    | 89-2  |           |           |           | 105        |         | %     |
| Zinc       | 66-2  | 179.71    | 182.74    | 176.86    | 179.77     | 1.63    | ppb   |

|                         |                     |                   |                     |
|-------------------------|---------------------|-------------------|---------------------|
| LB Number :             | LB97237             | Operator :        | Jaswal              |
| Lab Sample ID :         | J4379-13DLX5        | Instrumnet Name : | P8                  |
| Client Sample ID :      | MW-103SMSDL         | Dilution Factor : | 5                   |
| Date & Time Acquired :: | 2018-08-10 20:58:31 | DataFile Name :   | 138SMPL_P8081018-MS |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|-----------|------|---------|---------|---------|------------|---------|-------|
| Zirconium | 90-1 | 91.52   | 89.09   | 91.02   | 90.54      | 1.41    | ppb   |
| Zirconium | 91-1 | 90.20   | 87.84   | 90.28   | 89.44      | 1.55    | ppb   |

|                         |                     |                   |                      |
|-------------------------|---------------------|-------------------|----------------------|
| LB Number :             | LB97237             | Operator :        | Jaswal               |
| Lab Sample ID :         | CCV01               | Instrumnet Name : | P8                   |
| Client Sample ID :      | CCV01               | Dilution Factor : | 1                    |
| Date & Time Acquired :: | 2018-08-10 21:01:49 | DataFile Name :   | 139CCV_P8081018-MS.I |

| Parameter  | Mass  | ConRep1   | ConRep2   | ConRep3   | Avg. Conc. | ConcRSD | Units |
|------------|-------|-----------|-----------|-----------|------------|---------|-------|
| Aluminium  | 27-2  | 53214.92  | 51974.90  | 51512.67  | 52234.16   | 1.69    | ppb   |
| Antimony   | 121-1 | 489.46    | 483.21    | 470.49    | 481.05     | 2.01    | ppb   |
| Arsenic    | 75-2  | 483.97    | 488.54    | 479.35    | 483.95     | 0.95    | ppb   |
| Barium     | 135-1 | 2576.32   | 2500.40   | 2467.31   | 2514.68    | 2.22    | ppb   |
| Barium     | 137-1 | 2588.48   | 2472.04   | 2428.26   | 2496.26    | 3.32    | ppb   |
| Beryllium  | 9-1   | 519.11    | 490.11    | 489.73    | 499.65     | 3.37    | ppb   |
| Bismuth    | 209-1 |           |           |           | 109        |         | %     |
| Bismuth    | 209-2 |           |           |           | 105        |         | %     |
| Boron      | 10-1  | 525.20    | 501.62    | 510.30    | 512.37     | 2.33    | ppb   |
| Boron      | 11-1  | 519.90    | 500.77    | 510.94    | 510.53     | 1.88    | ppb   |
| Cadmium    | 111-1 | 491.57    | 473.41    | 465.11    | 476.70     | 2.84    | ppb   |
| Cadmium    | 106-1 | 496.57    | 478.33    | 470.52    | 481.81     | 2.77    | ppb   |
| Cadmium    | 108-1 | 499.99    | 481.56    | 470.95    | 484.17     | 3.04    | ppb   |
| Calcium    | 43-1  | 248500.43 | 239955.80 | 234667.05 | 241041.09  | 2.90    | ppb   |
| Calcium    | 44-1  | 247001.83 | 239519.30 | 233421.88 | 239981.00  | 2.83    | ppb   |
| Chromium   | 52-2  | 527.86    | 515.66    | 513.48    | 519.00     | 1.49    | ppb   |
| Cobalt     | 59-2  | 510.14    | 495.17    | 494.40    | 499.90     | 1.78    | ppb   |
| Copper     | 63-2  | 1005.59   | 975.07    | 973.27    | 984.64     | 1.84    | ppb   |
| Dysprosium | 156-1 |           |           |           |            |         | cps   |
| Dysprosium | 156-2 |           |           |           |            |         | cps   |
| Erbium     | 164-1 |           |           |           |            |         | cps   |
| Erbium     | 164-2 |           |           |           |            |         | cps   |
| Gadolinium | 160-1 |           |           |           |            |         | cps   |
| Gadolinium | 160-2 |           |           |           |            |         | cps   |
| Holmium    | 165-1 |           |           |           | 115        |         | %     |
| Holmium    | 165-2 |           |           |           | 113        |         | %     |
| Indium     | 115-1 |           |           |           | 108        |         | %     |
| Indium     | 115-2 |           |           |           | 103        |         | %     |
| Iron       | 56-2  | 134852.82 | 131820.84 | 131512.95 | 132728.87  | 1.39    | ppb   |
| Iron       | 57-2  | 136402.20 | 132755.25 | 130232.81 | 133130.09  | 2.33    | ppb   |
| Krypton    | 83-1  |           |           |           |            |         | cps   |
| Lead       | 206-1 | 530.62    | 516.63    | 506.44    | 517.90     | 2.34    | ppb   |
| Lead       | 207-1 | 532.62    | 520.49    | 507.96    | 520.36     | 2.37    | ppb   |
| Lead       | 208-1 | 528.71    | 515.19    | 503.54    | 515.81     | 2.44    | ppb   |
| Lithium    | 6-1   |           |           |           | 104        |         | %     |
| Magnesium  | 24-2  | 259038.27 | 250869.46 | 250928.28 | 253612.01  | 1.85    | ppb   |

|                         |                     |                   |                      |
|-------------------------|---------------------|-------------------|----------------------|
| LB Number :             | LB97237             | Operator :        | Jaswal               |
| Lab Sample ID :         | CCV01               | Instrumnet Name : | P8                   |
| Client Sample ID :      | CCV01               | Dilution Factor : | 1                    |
| Date & Time Acquired :: | 2018-08-10 21:01:49 | DataFile Name :   | 139CCV_P8081018-MS.I |

| Parameter  | Mass  | ConRep1   | ConRep2   | ConRep3   | Avg. Conc. | ConcRSD | Units |
|------------|-------|-----------|-----------|-----------|------------|---------|-------|
| Manganese  | 55-2  | 1006.43   | 979.94    | 988.15    | 991.51     | 1.37    | ppb   |
| Molybdenum | 94-1  | 2640.02   | 2494.08   | 2482.85   | 2538.99    | 3.45    | ppb   |
| Molybdenum | 95-1  | 2626.08   | 2506.72   | 2452.64   | 2528.48    | 3.51    | ppb   |
| Molybdenum | 96-1  | 2622.17   | 2512.38   | 2487.35   | 2540.64    | 2.82    | ppb   |
| Molybdenum | 97-1  | 2645.77   | 2498.97   | 2484.06   | 2542.93    | 3.51    | ppb   |
| Molybdenum | 98-1  | 2654.10   | 2519.79   | 2474.60   | 2549.50    | 3.66    | ppb   |
| Neodymium  | 150-1 |           |           |           |            |         | cps   |
| Neodymium  | 150-2 |           |           |           |            |         | cps   |
| Nickel     | 60-2  | 519.63    | 510.82    | 507.35    | 512.60     | 1.24    | ppb   |
| Phosphorus | 31-2  | 9947.55   | 10629.72  | 9875.34   | 10150.87   | 4.10    | ppb   |
| Potassium  | 39-2  | 125271.93 | 123378.18 | 122461.19 | 123703.76  | 1.16    | ppb   |
| Rhodium    | 103-1 |           |           |           | 104        |         | %     |
| Rhodium    | 103-2 |           |           |           | 102        |         | %     |
| Scandium   | 45-1  |           |           |           | 107        |         | %     |
| Scandium   | 45-2  |           |           |           | 102        |         | %     |
| Selenium   | 77-2  | 490.41    | 431.82    | 480.74    | 467.66     | 6.72    | ppb   |
| Selenium   | 78-2  | 495.15    | 473.29    | 449.43    | 472.62     | 4.84    | ppb   |
| Selenium   | 82-1  | 501.81    | 486.44    | 477.52    | 488.59     | 2.51    | ppb   |
| Silicon    | 28-1  | 538.59    | 523.88    | 512.84    | 525.11     | 2.46    | ppb   |
| Silver     | 109-1 | 501.52    | 483.78    | 477.78    | 487.70     | 2.53    | ppb   |
| Silver     | 107-1 | 504.24    | 483.56    | 474.35    | 487.38     | 3.14    | ppb   |
| Sodium     | 23-2  | 257349.60 | 251400.00 | 248965.78 | 252571.79  | 1.71    | ppb   |
| Strontium  | 86-1  | 513.74    | 492.13    | 483.32    | 496.40     | 3.15    | ppb   |
| Strontium  | 88-1  | 523.66    | 501.69    | 493.32    | 506.22     | 3.10    | ppb   |
| Sulfur     | 34-1  | 9300.12   | 8506.61   | 8150.91   | 8652.54    | 6.80    | ppb   |
| Terbium    | 159-1 |           |           |           | 114        |         | %     |
| Terbium    | 159-2 |           |           |           | 112        |         | %     |
| Thallium   | 203-1 | 535.51    | 522.51    | 499.49    | 519.17     | 3.51    | ppb   |
| Thallium   | 205-1 | 520.84    | 509.21    | 495.54    | 508.53     | 2.49    | ppb   |
| Tin        | 118-1 | 516.21    | 493.01    | 491.91    | 500.37     | 2.74    | ppb   |
| Titanium   | 47-1  | 2582.46   | 2483.12   | 2482.97   | 2516.18    | 2.28    | ppb   |
| Uranium    | 238-1 | 528.26    | 516.54    | 495.17    | 513.33     | 3.27    | ppb   |
| Vanadium   | 51-2  | 515.48    | 501.51    | 500.91    | 505.97     | 1.63    | ppb   |
| Yttrium    | 89-1  |           |           |           | 110        |         | %     |
| Yttrium    | 89-2  |           |           |           | 104        |         | %     |
| Zinc       | 66-2  | 983.88    | 957.36    | 958.96    | 966.73     | 1.54    | ppb   |

|                         |                     |                   |                      |
|-------------------------|---------------------|-------------------|----------------------|
| LB Number :             | LB97237             | Operator :        | Jaswal               |
| Lab Sample ID :         | CCV01               | Instrumnet Name : | P8                   |
| Client Sample ID :      | CCV01               | Dilution Factor : | 1                    |
| Date & Time Acquired :: | 2018-08-10 21:01:49 | DataFile Name :   | 139CCV_P8081018-MS.I |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|-----------|------|---------|---------|---------|------------|---------|-------|
| Zirconium | 90-1 | 522.29  | 505.49  | 493.96  | 507.25     | 2.81    | ppb   |
| Zirconium | 91-1 | 534.25  | 511.71  | 498.52  | 514.82     | 3.51    | ppb   |

|                         |                     |                   |                     |
|-------------------------|---------------------|-------------------|---------------------|
| LB Number :             | LB97237             | Operator :        | Jaswal              |
| Lab Sample ID :         | CCB01               | Instrumnet Name : | P8                  |
| Client Sample ID :      | CCB01               | Dilution Factor : | 1                   |
| Date & Time Acquired :: | 2018-08-10 21:05:00 | DataFile Name :   | 140CCBE_P8081018-MS |

| Parameter  | Mass  | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|------------|-------|---------|---------|---------|------------|---------|-------|
| Aluminium  | 27-2  | 1.91    | 2.33    | 1.32    | 1.85       | 27.56   | ppb   |
| Antimony   | 121-1 | 1.03    | 0.98    | 0.82    | 0.94       | 11.53   | ppb   |
| Arsenic    | 75-2  | 0.09    | 0.04    | 0.04    | 0.06       | 49.55   | ppb   |
| Barium     | 135-1 | 0.11    | 0.05    | 0.01    | 0.06       | 81.56   | ppb   |
| Barium     | 137-1 | 0.10    | 0.07    | 0.04    | 0.07       | 44.67   | ppb   |
| Beryllium  | 9-1   | 0.18    | 0.24    | 0.24    | 0.22       | 16.16   | ppb   |
| Bismuth    | 209-1 |         |         |         | 117        |         | %     |
| Bismuth    | 209-2 |         |         |         | 113        |         | %     |
| Boron      | 10-1  | 25.03   | 23.25   | 23.82   | 24.03      | 3.77    | ppb   |
| Boron      | 11-1  | 24.27   | 24.05   | 22.83   | 23.71      | 3.28    | ppb   |
| Cadmium    | 111-1 | -0.03   | 0.04    | 0.02    | 0.01       | 292.02  | ppb   |
| Cadmium    | 106-1 | -1.03   | 0.11    | -0.41   | -0.44      |         | ppb   |
| Cadmium    | 108-1 | 0.04    | 0.07    | -0.04   | 0.02       | 262.92  | ppb   |
| Calcium    | 43-1  | 9.76    | 3.78    | 6.56    | 6.70       | 44.69   | ppb   |
| Calcium    | 44-1  | -1.13   | -5.24   | -7.26   | -4.54      |         | ppb   |
| Chromium   | 52-2  | -0.02   | -0.07   | -0.05   | -0.05      |         | ppb   |
| Cobalt     | 59-2  | -0.01   | -0.01   | -0.02   | -0.01      |         | ppb   |
| Copper     | 63-2  | -0.58   | -0.62   | -0.62   | -0.61      |         | ppb   |
| Dysprosium | 156-1 |         |         |         |            |         | cps   |
| Dysprosium | 156-2 |         |         |         |            |         | cps   |
| Erbium     | 164-1 |         |         |         |            |         | cps   |
| Erbium     | 164-2 |         |         |         |            |         | cps   |
| Gadolinium | 160-1 |         |         |         |            |         | cps   |
| Gadolinium | 160-2 |         |         |         |            |         | cps   |
| Holmium    | 165-1 |         |         |         | 117        |         | %     |
| Holmium    | 165-2 |         |         |         | 114        |         | %     |
| Indium     | 115-1 |         |         |         | 114        |         | %     |
| Indium     | 115-2 |         |         |         | 107        |         | %     |
| Iron       | 56-2  | 4.86    | 3.89    | 3.85    | 4.20       | 13.58   | ppb   |
| Iron       | 57-2  | 3.34    | 4.74    | 4.69    | 4.26       | 18.61   | ppb   |
| Krypton    | 83-1  |         |         |         |            |         | cps   |
| Lead       | 206-1 | 0.03    | 0.01    | 0.01    | 0.02       | 55.91   | ppb   |
| Lead       | 207-1 | 0.03    | 0.03    | 0.01    | 0.02       | 38.01   | ppb   |
| Lead       | 208-1 | 0.03    | 0.02    | 0.01    | 0.02       | 47.73   | ppb   |
| Lithium    | 6-1   |         |         |         | 108        |         | %     |
| Magnesium  | 24-2  | 6.47    | 8.56    | 10.82   | 8.62       | 25.22   | ppb   |

|                         |                     |                   |                     |
|-------------------------|---------------------|-------------------|---------------------|
| LB Number :             | LB97237             | Operator :        | Jaswal              |
| Lab Sample ID :         | CCB01               | Instrumnet Name : | P8                  |
| Client Sample ID :      | CCB01               | Dilution Factor : | 1                   |
| Date & Time Acquired :: | 2018-08-10 21:05:00 | DataFile Name :   | 140CCBE_P8081018-MS |

| Parameter  | Mass  | ConRep1  | ConRep2  | ConRep3  | Avg. Conc. | ConcRSD | Units |
|------------|-------|----------|----------|----------|------------|---------|-------|
| Manganese  | 55-2  | -0.39    | -0.27    | -0.43    | -0.37      |         | ppb   |
| Molybdenum | 94-1  | 1.04     | 0.92     | 0.82     | 0.93       | 12.08   | ppb   |
| Molybdenum | 95-1  | 1.18     | 0.93     | 0.77     | 0.96       | 21.55   | ppb   |
| Molybdenum | 96-1  | 1.03     | 1.05     | 0.79     | 0.96       | 15.00   | ppb   |
| Molybdenum | 97-1  | 1.26     | 1.00     | 0.83     | 1.03       | 20.86   | ppb   |
| Molybdenum | 98-1  | 1.18     | 1.04     | 0.86     | 1.03       | 15.37   | ppb   |
| Neodymium  | 150-1 |          |          |          |            |         | cps   |
| Neodymium  | 150-2 |          |          |          |            |         | cps   |
| Nickel     | 60-2  | -0.19    | -0.14    | -0.18    | -0.17      |         | ppb   |
| Phosphorus | 31-2  | -17.95   | -17.95   | -17.95   | -17.95     |         | ppb   |
| Potassium  | 39-2  | 7.63     | 7.73     | -1.27    | 4.70       | 109.96  | ppb   |
| Rhodium    | 103-1 |          |          |          | 112        |         | %     |
| Rhodium    | 103-2 |          |          |          | 110        |         | %     |
| Scandium   | 45-1  |          |          |          | 108        |         | %     |
| Scandium   | 45-2  |          |          |          | 99         |         | %     |
| Selenium   | 77-2  | 0.00     | 0.00     | 5.86     | 1.95       | 173.21  | ppb   |
| Selenium   | 78-2  | 0.96     | 0.94     | 0.93     | 0.95       | 1.76    | ppb   |
| Selenium   | 82-1  | 0.35     | 0.42     | 0.06     | 0.27       | 70.13   | ppb   |
| Silicon    | 28-1  | -18.18   | -17.61   | -18.84   | -18.21     |         | ppb   |
| Silver     | 109-1 | 0.06     | 0.06     | 0.05     | 0.06       | 9.02    | ppb   |
| Silver     | 107-1 | 0.04     | 0.04     | 0.06     | 0.05       | 19.33   | ppb   |
| Sodium     | 23-2  | 117.72   | 109.04   | 108.75   | 111.84     | 4.56    | ppb   |
| Strontium  | 86-1  | -0.02    | -0.01    | -0.04    | -0.03      |         | ppb   |
| Strontium  | 88-1  | 0.03     | 0.02     | 0.01     | 0.02       | 53.17   | ppb   |
| Sulfur     | 34-1  | -1312.70 | -1348.77 | -1525.65 | -1395.71   |         | ppb   |
| Terbium    | 159-1 |          |          |          | 116        |         | %     |
| Terbium    | 159-2 |          |          |          | 113        |         | %     |
| Thallium   | 203-1 | 0.10     | 0.11     | 0.09     | 0.10       | 9.08    | ppb   |
| Thallium   | 205-1 | 0.13     | 0.11     | 0.08     | 0.11       | 21.21   | ppb   |
| Tin        | 118-1 | 0.33     | 0.33     | 0.23     | 0.30       | 18.87   | ppb   |
| Titanium   | 47-1  | 0.14     | 0.06     | 0.08     | 0.09       | 44.73   | ppb   |
| Uranium    | 238-1 | 0.03     | 0.02     | 0.01     | 0.02       | 53.16   | ppb   |
| Vanadium   | 51-2  | 0.02     | 0.01     | 0.01     | 0.01       | 37.23   | ppb   |
| Yttrium    | 89-1  |          |          |          | 111        |         | %     |
| Yttrium    | 89-2  |          |          |          | 105        |         | %     |
| Zinc       | 66-2  | 0.15     | 0.22     | 0.00     | 0.12       | 89.87   | ppb   |

|                         |                     |                   |                     |
|-------------------------|---------------------|-------------------|---------------------|
| LB Number :             | LB97237             | Operator :        | Jaswal              |
| Lab Sample ID :         | CCB01               | Instrumnet Name : | P8                  |
| Client Sample ID :      | CCB01               | Dilution Factor : | 1                   |
| Date & Time Acquired :: | 2018-08-10 21:05:00 | DataFile Name :   | 140CCBE_P8081018-MS |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|-----------|------|---------|---------|---------|------------|---------|-------|
| Zirconium | 90-1 | 0.19    | 0.17    | 0.16    | 0.17       | 6.87    | ppb   |
| Zirconium | 91-1 | 0.18    | 0.22    | 0.17    | 0.19       | 12.67   | ppb   |



|                         |                     |                   |                     |
|-------------------------|---------------------|-------------------|---------------------|
| LB Number :             | LB97237             | Operator :        | Jaswal              |
| Lab Sample ID :         | J4379-14DLX5        | Instrumnet Name : | P8                  |
| Client Sample ID :      | MW-103SMSDDL        | Dilution Factor : | 5                   |
| Date & Time Acquired :: | 2018-08-10 21:08:21 | DataFile Name :   | 141SMPL_P8081018-MS |

| Parameter  | Mass  | ConRep1  | ConRep2  | ConRep3  | Avg. Conc. | ConcRSD | Units |
|------------|-------|----------|----------|----------|------------|---------|-------|
| Aluminium  | 27-2  | 1907.40  | 1889.11  | 1858.07  | 1884.86    | 1.32    | ppb   |
| Antimony   | 121-1 | 92.07    | 94.21    | 90.81    | 92.36      | 1.86    | ppb   |
| Arsenic    | 75-2  | 92.31    | 92.68    | 90.29    | 91.76      | 1.40    | ppb   |
| Barium     | 135-1 | 504.58   | 516.05   | 498.16   | 506.26     | 1.79    | ppb   |
| Barium     | 137-1 | 511.63   | 528.02   | 507.31   | 515.65     | 2.12    | ppb   |
| Beryllium  | 9-1   | 94.78    | 95.35    | 93.18    | 94.44      | 1.19    | ppb   |
| Bismuth    | 209-1 |          |          |          | 114        |         | %     |
| Bismuth    | 209-2 |          |          |          | 108        |         | %     |
| Boron      | 10-1  | 327.98   | 344.65   | 342.99   | 338.54     | 2.71    | ppb   |
| Boron      | 11-1  | 337.01   | 347.66   | 351.89   | 345.52     | 2.22    | ppb   |
| Cadmium    | 111-1 | 89.91    | 90.10    | 88.90    | 89.64      | 0.72    | ppb   |
| Cadmium    | 106-1 | 91.26    | 92.26    | 89.97    | 91.17      | 1.26    | ppb   |
| Cadmium    | 108-1 | 94.49    | 88.54    | 89.46    | 90.83      | 3.53    | ppb   |
| Calcium    | 43-1  | 26575.83 | 27575.21 | 26835.30 | 26995.45   | 1.92    | ppb   |
| Calcium    | 44-1  | 26714.48 | 27664.57 | 26505.30 | 26961.45   | 2.29    | ppb   |
| Chromium   | 52-2  | 97.62    | 98.99    | 95.36    | 97.32      | 1.88    | ppb   |
| Cobalt     | 59-2  | 98.00    | 98.92    | 95.46    | 97.46      | 1.84    | ppb   |
| Copper     | 63-2  | 197.86   | 203.15   | 191.23   | 197.41     | 3.02    | ppb   |
| Dysprosium | 156-1 |          |          |          |            |         | cps   |
| Dysprosium | 156-2 |          |          |          |            |         | cps   |
| Erbium     | 164-1 |          |          |          |            |         | cps   |
| Erbium     | 164-2 |          |          |          |            |         | cps   |
| Gadolinium | 160-1 |          |          |          |            |         | cps   |
| Gadolinium | 160-2 |          |          |          |            |         | cps   |
| Holmium    | 165-1 |          |          |          | 117        |         | %     |
| Holmium    | 165-2 |          |          |          | 114        |         | %     |
| Indium     | 115-1 |          |          |          | 111        |         | %     |
| Indium     | 115-2 |          |          |          | 103        |         | %     |
| Iron       | 56-2  | 5436.38  | 5488.34  | 5227.17  | 5383.96    | 2.57    | ppb   |
| Iron       | 57-2  | 5283.77  | 5410.74  | 5143.59  | 5279.36    | 2.53    | ppb   |
| Krypton    | 83-1  |          |          |          |            |         | cps   |
| Lead       | 206-1 | 94.21    | 95.00    | 93.83    | 94.34      | 0.63    | ppb   |
| Lead       | 207-1 | 90.14    | 91.33    | 91.03    | 90.83      | 0.68    | ppb   |
| Lead       | 208-1 | 91.71    | 92.82    | 92.12    | 92.21      | 0.61    | ppb   |
| Lithium    | 6-1   |          |          |          | 105        |         | %     |
| Magnesium  | 24-2  | 39787.08 | 40158.67 | 38042.87 | 39329.54   | 2.87    | ppb   |

|                         |                     |                   |                     |
|-------------------------|---------------------|-------------------|---------------------|
| LB Number :             | LB97237             | Operator :        | Jaswal              |
| Lab Sample ID :         | J4379-14DLX5        | Instrumnet Name : | P8                  |
| Client Sample ID :      | MW-103SMSDDL        | Dilution Factor : | 5                   |
| Date & Time Acquired :: | 2018-08-10 21:08:21 | DataFile Name :   | 141SMPL_P8081018-MS |

| Parameter  | Mass  | ConRep1   | ConRep2   | ConRep3   | Avg. Conc. | ConcRSD | Units |
|------------|-------|-----------|-----------|-----------|------------|---------|-------|
| Manganese  | 55-2  | 221.72    | 220.77    | 214.68    | 219.06     | 1.74    | ppb   |
| Molybdenum | 94-1  | 471.70    | 485.51    | 481.19    | 479.47     | 1.47    | ppb   |
| Molybdenum | 95-1  | 470.91    | 485.48    | 475.15    | 477.18     | 1.57    | ppb   |
| Molybdenum | 96-1  | 476.11    | 485.96    | 478.85    | 480.31     | 1.06    | ppb   |
| Molybdenum | 97-1  | 455.40    | 471.84    | 464.25    | 463.83     | 1.77    | ppb   |
| Molybdenum | 98-1  | 467.71    | 486.57    | 475.27    | 476.52     | 1.99    | ppb   |
| Neodymium  | 150-1 |           |           |           |            |         | cps   |
| Neodymium  | 150-2 |           |           |           |            |         | cps   |
| Nickel     | 60-2  | 99.76     | 100.94    | 94.96     | 98.56      | 3.21    | ppb   |
| Phosphorus | 31-2  | 199.09    | 119.42    | 141.52    | 153.34     | 26.82   | ppb   |
| Potassium  | 39-2  | 21174.32  | 20995.07  | 20139.50  | 20769.63   | 2.66    | ppb   |
| Rhodium    | 103-1 |           |           |           | 108        |         | %     |
| Rhodium    | 103-2 |           |           |           | 105        |         | %     |
| Scandium   | 45-1  |           |           |           | 109        |         | %     |
| Scandium   | 45-2  |           |           |           | 100        |         | %     |
| Selenium   | 77-2  | 66.35     | 72.38     | 131.26    | 90.00      | 39.85   | ppb   |
| Selenium   | 78-2  | 79.81     | 81.74     | 84.65     | 82.06      | 2.97    | ppb   |
| Selenium   | 82-1  | 93.25     | 96.33     | 93.29     | 94.29      | 1.87    | ppb   |
| Silicon    | 28-1  | 1596.44   | 1663.06   | 1595.66   | 1618.38    | 2.39    | ppb   |
| Silver     | 109-1 | 90.05     | 91.77     | 88.62     | 90.15      | 1.75    | ppb   |
| Silver     | 107-1 | 88.44     | 89.53     | 87.44     | 88.47      | 1.19    | ppb   |
| Sodium     | 23-2  | 367343.63 | 372766.31 | 353502.76 | 364537.57  | 2.72    | ppb   |
| Strontium  | 86-1  | 493.28    | 507.79    | 498.01    | 499.69     | 1.48    | ppb   |
| Strontium  | 88-1  | 504.38    | 517.29    | 504.92    | 508.86     | 1.43    | ppb   |
| Sulfur     | 34-1  | -1465.78  | -1071.41  | -1519.49  | -1352.23   |         | ppb   |
| Terbium    | 159-1 |           |           |           | 117        |         | %     |
| Terbium    | 159-2 |           |           |           | 113        |         | %     |
| Thallium   | 203-1 | 94.32     | 94.25     | 92.96     | 93.84      | 0.82    | ppb   |
| Thallium   | 205-1 | 97.52     | 96.87     | 96.60     | 97.00      | 0.49    | ppb   |
| Tin        | 118-1 | 88.68     | 90.21     | 87.97     | 88.95      | 1.29    | ppb   |
| Titanium   | 47-1  | 450.72    | 466.63    | 448.20    | 455.18     | 2.20    | ppb   |
| Uranium    | 238-1 | 95.27     | 97.40     | 95.48     | 96.05      | 1.22    | ppb   |
| Vanadium   | 51-2  | 99.20     | 99.04     | 94.37     | 97.54      | 2.81    | ppb   |
| Yttrium    | 89-1  |           |           |           | 113        |         | %     |
| Yttrium    | 89-2  |           |           |           | 103        |         | %     |
| Zinc       | 66-2  | 191.55    | 196.69    | 189.28    | 192.51     | 1.97    | ppb   |

|                         |                     |                   |                     |
|-------------------------|---------------------|-------------------|---------------------|
| LB Number :             | LB97237             | Operator :        | Jaswal              |
| Lab Sample ID :         | J4379-14DLX5        | Instrumnet Name : | P8                  |
| Client Sample ID :      | MW-103SMSDDL        | Dilution Factor : | 5                   |
| Date & Time Acquired :: | 2018-08-10 21:08:21 | DataFile Name :   | 141SMPL_P8081018-MS |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|-----------|------|---------|---------|---------|------------|---------|-------|
| Zirconium | 90-1 | 93.17   | 95.94   | 93.77   | 94.29      | 1.55    | ppb   |
| Zirconium | 91-1 | 92.94   | 95.36   | 92.41   | 93.57      | 1.68    | ppb   |

|                         |                     |                   |                     |
|-------------------------|---------------------|-------------------|---------------------|
| LB Number :             | LB97237             | Operator :        | Jaswal              |
| Lab Sample ID :         | J4379-12ADLX5       | Instrumnet Name : | P8                  |
| Client Sample ID :      | MW-103SADL          | Dilution Factor : | 5                   |
| Date & Time Acquired :: | 2018-08-10 21:11:39 | DataFile Name :   | 142SMPL_P8081018-MS |

| Parameter  | Mass  | ConRep1  | ConRep2  | ConRep3  | Avg. Conc. | ConcRSD | Units |
|------------|-------|----------|----------|----------|------------|---------|-------|
| Aluminium  | 27-2  | 1942.88  | 1880.02  | 1878.40  | 1900.43    | 1.93    | ppb   |
| Antimony   | 121-1 | 97.73    | 90.66    | 89.88    | 92.76      | 4.67    | ppb   |
| Arsenic    | 75-2  | 90.05    | 89.21    | 90.15    | 89.80      | 0.57    | ppb   |
| Barium     | 135-1 | 536.78   | 500.28   | 492.40   | 509.82     | 4.64    | ppb   |
| Barium     | 137-1 | 550.37   | 509.72   | 500.69   | 520.26     | 5.09    | ppb   |
| Beryllium  | 9-1   | 100.83   | 93.01    | 92.86    | 95.57      | 4.77    | ppb   |
| Bismuth    | 209-1 |          |          |          | 115        |         | %     |
| Bismuth    | 209-2 |          |          |          | 111        |         | %     |
| Boron      | 10-1  | 355.59   | 337.69   | 357.61   | 350.29     | 3.13    | ppb   |
| Boron      | 11-1  | 358.05   | 344.81   | 355.66   | 352.84     | 2.00    | ppb   |
| Cadmium    | 111-1 | 95.95    | 88.69    | 88.68    | 91.11      | 4.60    | ppb   |
| Cadmium    | 106-1 | 98.17    | 90.35    | 90.21    | 92.91      | 4.91    | ppb   |
| Cadmium    | 108-1 | 95.30    | 88.37    | 88.94    | 90.87      | 4.23    | ppb   |
| Calcium    | 43-1  | 28661.26 | 26493.32 | 27140.05 | 27431.54   | 4.06    | ppb   |
| Calcium    | 44-1  | 28911.58 | 26266.79 | 27082.44 | 27420.27   | 4.94    | ppb   |
| Chromium   | 52-2  | 96.64    | 97.98    | 95.82    | 96.81      | 1.12    | ppb   |
| Cobalt     | 59-2  | 96.40    | 98.32    | 96.50    | 97.07      | 1.12    | ppb   |
| Copper     | 63-2  | 195.91   | 199.99   | 195.02   | 196.98     | 1.35    | ppb   |
| Dysprosium | 156-1 |          |          |          |            |         | cps   |
| Dysprosium | 156-2 |          |          |          |            |         | cps   |
| Erbium     | 164-1 |          |          |          |            |         | cps   |
| Erbium     | 164-2 |          |          |          |            |         | cps   |
| Gadolinium | 160-1 |          |          |          |            |         | cps   |
| Gadolinium | 160-2 |          |          |          |            |         | cps   |
| Holmium    | 165-1 |          |          |          | 119        |         | %     |
| Holmium    | 165-2 |          |          |          | 117        |         | %     |
| Indium     | 115-1 |          |          |          | 114        |         | %     |
| Indium     | 115-2 |          |          |          | 107        |         | %     |
| Iron       | 56-2  | 5355.03  | 5428.46  | 5272.99  | 5352.16    | 1.45    | ppb   |
| Iron       | 57-2  | 5240.85  | 5253.00  | 5059.58  | 5184.48    | 2.09    | ppb   |
| Krypton    | 83-1  |          |          |          |            |         | cps   |
| Lead       | 206-1 | 100.85   | 93.62    | 92.83    | 95.77      | 4.62    | ppb   |
| Lead       | 207-1 | 97.91    | 89.85    | 89.11    | 92.29      | 5.29    | ppb   |
| Lead       | 208-1 | 98.83    | 91.38    | 90.83    | 93.68      | 4.77    | ppb   |
| Lithium    | 6-1   |          |          |          | 106        |         | %     |
| Magnesium  | 24-2  | 38888.91 | 39294.15 | 38682.77 | 38955.28   | 0.80    | ppb   |

|                         |                     |                   |                     |
|-------------------------|---------------------|-------------------|---------------------|
| LB Number :             | LB97237             | Operator :        | Jaswal              |
| Lab Sample ID :         | J4379-12ADLX5       | Instrumnet Name : | P8                  |
| Client Sample ID :      | MW-103SADL          | Dilution Factor : | 5                   |
| Date & Time Acquired :: | 2018-08-10 21:11:39 | DataFile Name :   | 142SMPL_P8081018-MS |

| Parameter  | Mass  | ConRep1   | ConRep2   | ConRep3   | Avg. Conc. | ConcRSD | Units |
|------------|-------|-----------|-----------|-----------|------------|---------|-------|
| Manganese  | 55-2  | 222.18    | 223.95    | 214.52    | 220.22     | 2.28    | ppb   |
| Molybdenum | 94-1  | 518.36    | 478.95    | 469.96    | 489.09     | 5.26    | ppb   |
| Molybdenum | 95-1  | 505.36    | 474.94    | 461.87    | 480.72     | 4.64    | ppb   |
| Molybdenum | 96-1  | 519.29    | 474.45    | 464.97    | 486.24     | 5.97    | ppb   |
| Molybdenum | 97-1  | 501.93    | 461.19    | 450.65    | 471.26     | 5.75    | ppb   |
| Molybdenum | 98-1  | 518.51    | 475.12    | 463.83    | 485.82     | 5.94    | ppb   |
| Neodymium  | 150-1 |           |           |           |            |         | cps   |
| Neodymium  | 150-2 |           |           |           |            |         | cps   |
| Nickel     | 60-2  | 101.34    | 100.40    | 97.44     | 99.73      | 2.04    | ppb   |
| Phosphorus | 31-2  | 193.56    | 88.29     | 8.47      | 96.77      | 95.94   | ppb   |
| Potassium  | 39-2  | 20649.21  | 20289.80  | 20422.55  | 20453.85   | 0.89    | ppb   |
| Rhodium    | 103-1 |           |           |           | 110        |         | %     |
| Rhodium    | 103-2 |           |           |           | 109        |         | %     |
| Scandium   | 45-1  |           |           |           | 109        |         | %     |
| Scandium   | 45-2  |           |           |           | 103        |         | %     |
| Selenium   | 77-2  | 81.09     | 99.80     | 130.19    | 103.69     | 23.90   | ppb   |
| Selenium   | 78-2  | 86.79     | 86.09     | 73.58     | 82.16      | 9.05    | ppb   |
| Selenium   | 82-1  | 100.17    | 91.92     | 91.31     | 94.46      | 5.24    | ppb   |
| Silicon    | 28-1  | 1727.21   | 1583.69   | 1595.46   | 1635.45    | 4.87    | ppb   |
| Silver     | 109-1 | 96.48     | 89.15     | 88.00     | 91.21      | 5.05    | ppb   |
| Silver     | 107-1 | 94.50     | 87.39     | 86.52     | 89.47      | 4.89    | ppb   |
| Sodium     | 23-2  | 361168.60 | 361003.99 | 358506.05 | 360226.22  | 0.41    | ppb   |
| Strontium  | 86-1  | 531.65    | 493.51    | 489.50    | 504.89     | 4.61    | ppb   |
| Strontium  | 88-1  | 547.66    | 508.45    | 499.21    | 518.44     | 4.96    | ppb   |
| Sulfur     | 34-1  | -643.93   | -1695.86  | -1454.90  | -1264.90   |         | ppb   |
| Terbium    | 159-1 |           |           |           | 119        |         | %     |
| Terbium    | 159-2 |           |           |           | 116        |         | %     |
| Thallium   | 203-1 | 100.53    | 92.75     | 92.45     | 95.25      | 4.81    | ppb   |
| Thallium   | 205-1 | 104.99    | 96.48     | 94.95     | 98.81      | 5.48    | ppb   |
| Tin        | 118-1 | 95.44     | 87.27     | 86.07     | 89.59      | 5.70    | ppb   |
| Titanium   | 47-1  | 487.81    | 450.64    | 457.20    | 465.22     | 4.26    | ppb   |
| Uranium    | 238-1 | 103.67    | 94.65     | 95.32     | 97.88      | 5.13    | ppb   |
| Vanadium   | 51-2  | 97.15     | 98.10     | 97.02     | 97.43      | 0.61    | ppb   |
| Yttrium    | 89-1  |           |           |           | 114        |         | %     |
| Yttrium    | 89-2  |           |           |           | 106        |         | %     |
| Zinc       | 66-2  | 189.72    | 191.74    | 185.70    | 189.05     | 1.63    | ppb   |

|                         |                     |                   |                     |
|-------------------------|---------------------|-------------------|---------------------|
| LB Number :             | LB97237             | Operator :        | Jaswal              |
| Lab Sample ID :         | J4379-12ADLX5       | Instrumnet Name : | P8                  |
| Client Sample ID :      | MW-103SADL          | Dilution Factor : | 5                   |
| Date & Time Acquired :: | 2018-08-10 21:11:39 | DataFile Name :   | 142SMPL_P8081018-MS |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|-----------|------|---------|---------|---------|------------|---------|-------|
| Zirconium | 90-1 | 99.58   | 93.34   | 91.88   | 94.93      | 4.31    | ppb   |
| Zirconium | 91-1 | 98.54   | 91.99   | 90.56   | 93.70      | 4.54    | ppb   |

|                         |                     |                   |                     |
|-------------------------|---------------------|-------------------|---------------------|
| LB Number :             | LB97237             | Operator :        | Jaswal              |
| Lab Sample ID :         | J4379-15DLX5        | Instrumnet Name : | P8                  |
| Client Sample ID :      | MW-104IDL           | Dilution Factor : | 5                   |
| Date & Time Acquired :: | 2018-08-10 21:14:57 | DataFile Name :   | 143SMPL_P8081018-MS |

| Parameter  | Mass  | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|------------|-------|---------|---------|---------|------------|---------|-------|
| Aluminium  | 27-2  | 6.59    | 7.04    | 5.05    | 6.23       | 16.81   | ppb   |
| Antimony   | 121-1 | 0.23    | 0.24    | 0.25    | 0.24       | 4.43    | ppb   |
| Arsenic    | 75-2  | 2.37    | 1.91    | 2.28    | 2.19       | 10.99   | ppb   |
| Barium     | 135-1 | 37.58   | 36.80   | 35.94   | 36.77      | 2.22    | ppb   |
| Barium     | 137-1 | 37.42   | 36.87   | 36.13   | 36.81      | 1.75    | ppb   |
| Beryllium  | 9-1   | 0.17    | 0.15    | 0.11    | 0.14       | 20.57   | ppb   |
| Bismuth    | 209-1 |         |         |         | 123        |         | %     |
| Bismuth    | 209-2 |         |         |         | 114        |         | %     |
| Boron      | 10-1  | 115.22  | 115.65  | 113.20  | 114.69     | 1.14    | ppb   |
| Boron      | 11-1  | 117.88  | 117.43  | 119.96  | 118.43     | 1.14    | ppb   |
| Cadmium    | 111-1 | 0.05    | 0.01    | 0.00    | 0.02       | 135.29  | ppb   |
| Cadmium    | 106-1 | 0.48    | -0.25   | -0.27   | -0.01      |         | ppb   |
| Cadmium    | 108-1 | 0.04    | 0.01    | -0.02   | 0.01       | 265.98  | ppb   |
| Calcium    | 43-1  | 2999.27 | 2889.22 | 2824.91 | 2904.47    | 3.04    | ppb   |
| Calcium    | 44-1  | 2950.52 | 2832.88 | 2790.11 | 2857.84    | 2.91    | ppb   |
| Chromium   | 52-2  | 0.12    | 0.09    | 0.13    | 0.11       | 19.86   | ppb   |
| Cobalt     | 59-2  | 0.22    | 0.24    | 0.21    | 0.22       | 6.90    | ppb   |
| Copper     | 63-2  | 0.09    | 0.08    | 0.03    | 0.07       | 45.46   | 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 |         |         |         | 122        |         | %     |
| Holmium    | 165-2 |         |         |         | 115        |         | %     |
| Indium     | 115-1 |         |         |         | 117        |         | %     |
| Indium     | 115-2 |         |         |         | 105        |         | %     |
| Iron       | 56-2  | 537.62  | 523.70  | 523.74  | 528.35     | 1.52    | ppb   |
| Iron       | 57-2  | 510.19  | 564.77  | 567.73  | 547.56     | 5.92    | ppb   |
| Krypton    | 83-1  |         |         |         |            |         | cps   |
| Lead       | 206-1 | 0.33    | 0.35    | 0.36    | 0.35       | 4.83    | ppb   |
| Lead       | 207-1 | 0.33    | 0.30    | 0.30    | 0.31       | 4.70    | ppb   |
| Lead       | 208-1 | 0.34    | 0.33    | 0.33    | 0.33       | 1.70    | ppb   |
| Lithium    | 6-1   |         |         |         | 111        |         | %     |
| Magnesium  | 24-2  | 6161.04 | 6137.25 | 6148.26 | 6148.85    | 0.19    | ppb   |

|                         |                     |                   |                     |
|-------------------------|---------------------|-------------------|---------------------|
| LB Number :             | LB97237             | Operator :        | Jaswal              |
| Lab Sample ID :         | J4379-15DLX5        | Instrumnet Name : | P8                  |
| Client Sample ID :      | MW-104IDL           | Dilution Factor : | 5                   |
| Date & Time Acquired :: | 2018-08-10 21:14:57 | DataFile Name :   | 143SMPL_P8081018-MS |

| Parameter  | Mass  | ConRep1  | ConRep2  | ConRep3  | Avg. Conc. | ConcRSD | Units |
|------------|-------|----------|----------|----------|------------|---------|-------|
| Manganese  | 55-2  | 169.00   | 164.12   | 168.04   | 167.05     | 1.55    | ppb   |
| Molybdenum | 94-1  | 1.63     | 1.49     | 1.53     | 1.55       | 4.80    | ppb   |
| Molybdenum | 95-1  | 1.56     | 1.48     | 1.39     | 1.47       | 5.93    | ppb   |
| Molybdenum | 96-1  | 1.53     | 1.54     | 1.33     | 1.47       | 7.91    | ppb   |
| Molybdenum | 97-1  | 1.59     | 1.59     | 1.53     | 1.57       | 2.03    | ppb   |
| Molybdenum | 98-1  | 1.57     | 1.52     | 1.40     | 1.50       | 5.75    | ppb   |
| Neodymium  | 150-1 |          |          |          |            |         | cps   |
| Neodymium  | 150-2 |          |          |          |            |         | cps   |
| Nickel     | 60-2  | 0.07     | 0.00     | -0.01    | 0.02       | 249.77  | ppb   |
| Phosphorus | 31-2  | 67.06    | 38.33    | 95.38    | 66.92      | 42.62   | ppb   |
| Potassium  | 39-2  | 8590.87  | 8381.70  | 8501.69  | 8491.42    | 1.24    | ppb   |
| Rhodium    | 103-1 |          |          |          | 114        |         | %     |
| Rhodium    | 103-2 |          |          |          | 109        |         | %     |
| Scandium   | 45-1  |          |          |          | 108        |         | %     |
| Scandium   | 45-2  |          |          |          | 96         |         | %     |
| Selenium   | 77-2  | 0.00     | 0.00     | 6.23     | 2.08       | 173.21  | ppb   |
| Selenium   | 78-2  | 0.00     | 0.98     | 0.00     | 0.33       | 173.21  | ppb   |
| Selenium   | 82-1  | 0.39     | 0.15     | 0.73     | 0.42       | 69.47   | ppb   |
| Silicon    | 28-1  | 1401.36  | 1338.67  | 1341.13  | 1360.39    | 2.61    | ppb   |
| Silver     | 109-1 | 0.04     | 0.06     | 0.04     | 0.05       | 25.32   | ppb   |
| Silver     | 107-1 | 0.05     | 0.05     | 0.04     | 0.05       | 7.67    | ppb   |
| Sodium     | 23-2  | 41854.94 | 40610.13 | 41168.35 | 41211.14   | 1.51    | ppb   |
| Strontium  | 86-1  | 60.76    | 58.32    | 58.58    | 59.22      | 2.26    | ppb   |
| Strontium  | 88-1  | 62.53    | 60.18    | 59.81    | 60.84      | 2.43    | ppb   |
| Sulfur     | 34-1  | 1094.86  | 393.69   | 165.69   | 551.41     | 87.82   | ppb   |
| Terbium    | 159-1 |          |          |          | 122        |         | %     |
| Terbium    | 159-2 |          |          |          | 115        |         | %     |
| Thallium   | 203-1 | 0.03     | 0.02     | 0.03     | 0.03       | 32.30   | ppb   |
| Thallium   | 205-1 | 0.04     | 0.04     | 0.03     | 0.04       | 19.83   | ppb   |
| Tin        | 118-1 | 0.59     | 0.64     | 0.61     | 0.62       | 4.19    | ppb   |
| Titanium   | 47-1  | 0.19     | 0.37     | 0.29     | 0.29       | 31.47   | ppb   |
| Uranium    | 238-1 | 0.11     | 0.10     | 0.11     | 0.11       | 3.95    | ppb   |
| Vanadium   | 51-2  | 0.08     | 0.02     | 0.06     | 0.06       | 56.20   | ppb   |
| Yttrium    | 89-1  |          |          |          | 114        |         | %     |
| Yttrium    | 89-2  |          |          |          | 102        |         | %     |
| Zinc       | 66-2  | 7.92     | 7.36     | 7.23     | 7.50       | 4.84    | ppb   |



|                         |                     |                   |                     |
|-------------------------|---------------------|-------------------|---------------------|
| LB Number :             | LB97237             | Operator :        | Jaswal              |
| Lab Sample ID :         | J4379-15DLX5        | Instrumnet Name : | P8                  |
| Client Sample ID :      | MW-104IDL           | Dilution Factor : | 5                   |
| Date & Time Acquired :: | 2018-08-10 21:14:57 | DataFile Name :   | 143SMPL_P8081018-MS |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|-----------|------|---------|---------|---------|------------|---------|-------|
| Zirconium | 90-1 | 0.40    | 0.33    | 0.33    | 0.35       | 10.62   | ppb   |
| Zirconium | 91-1 | 0.43    | 0.35    | 0.29    | 0.36       | 19.18   | ppb   |

|                         |                     |                   |                     |
|-------------------------|---------------------|-------------------|---------------------|
| LB Number :             | LB97237             | Operator :        | Jaswal              |
| Lab Sample ID :         | J4379-16DLX5        | Instrumnet Name : | P8                  |
| Client Sample ID :      | MW-104DDL           | Dilution Factor : | 5                   |
| Date & Time Acquired :: | 2018-08-10 21:18:18 | DataFile Name :   | 144SMPL_P8081018-MS |

| Parameter  | Mass  | ConRep1   | ConRep2   | ConRep3   | Avg. Conc. | ConcRSD | Units |
|------------|-------|-----------|-----------|-----------|------------|---------|-------|
| Aluminium  | 27-2  | 35.12     | 38.96     | 31.96     | 35.35      | 9.91    | ppb   |
| Antimony   | 121-1 | 0.27      | 0.28      | 0.29      | 0.28       | 3.84    | ppb   |
| Arsenic    | 75-2  | 0.25      | 0.45      | 0.38      | 0.36       | 28.34   | ppb   |
| Barium     | 135-1 | 16.95     | 16.52     | 17.72     | 17.06      | 3.55    | ppb   |
| Barium     | 137-1 | 16.49     | 16.50     | 17.48     | 16.82      | 3.39    | ppb   |
| Beryllium  | 9-1   | 0.12      | 0.12      | 0.13      | 0.12       | 8.04    | ppb   |
| Bismuth    | 209-1 |           |           |           | 100        |         | %     |
| Bismuth    | 209-2 |           |           |           | 100        |         | %     |
| Boron      | 10-1  | 723.83    | 734.18    | 795.42    | 751.14     | 5.15    | ppb   |
| Boron      | 11-1  | 736.25    | 750.74    | 812.66    | 766.55     | 5.29    | ppb   |
| Cadmium    | 111-1 | -0.02     | 0.05      | -0.01     | 0.01       | 652.68  | ppb   |
| Cadmium    | 106-1 | -0.35     | 0.64      | -0.32     | -0.01      |         | ppb   |
| Cadmium    | 108-1 | 0.05      | 0.02      | 0.09      | 0.05       | 70.96   | ppb   |
| Calcium    | 43-1  | 34495.48  | 34233.06  | 36744.10  | 35157.55   | 3.93    | ppb   |
| Calcium    | 44-1  | 34506.58  | 34559.32  | 36925.74  | 35330.55   | 3.91    | ppb   |
| Chromium   | 52-2  | 0.22      | 0.12      | 0.22      | 0.18       | 32.21   | ppb   |
| Cobalt     | 59-2  | 3.22      | 2.84      | 2.93      | 3.00       | 6.56    | ppb   |
| Copper     | 63-2  | -0.14     | -0.20     | -0.15     | -0.16      |         | ppb   |
| Dysprosium | 156-1 |           |           |           |            |         | cps   |
| Dysprosium | 156-2 |           |           |           |            |         | cps   |
| Erbium     | 164-1 |           |           |           |            |         | cps   |
| Erbium     | 164-2 |           |           |           |            |         | cps   |
| Gadolinium | 160-1 |           |           |           |            |         | cps   |
| Gadolinium | 160-2 |           |           |           |            |         | cps   |
| Holmium    | 165-1 |           |           |           | 108        |         | %     |
| Holmium    | 165-2 |           |           |           | 110        |         | %     |
| Indium     | 115-1 |           |           |           | 103        |         | %     |
| Indium     | 115-2 |           |           |           | 102        |         | %     |
| Iron       | 56-2  | 1097.80   | 1091.15   | 1078.59   | 1089.18    | 0.90    | ppb   |
| Iron       | 57-2  | 1116.28   | 1066.73   | 1104.25   | 1095.75    | 2.36    | ppb   |
| Krypton    | 83-1  |           |           |           |            |         | cps   |
| Lead       | 206-1 | 0.35      | 0.36      | 0.34      | 0.35       | 2.46    | ppb   |
| Lead       | 207-1 | 0.29      | 0.29      | 0.32      | 0.30       | 7.24    | ppb   |
| Lead       | 208-1 | 0.33      | 0.32      | 0.36      | 0.33       | 5.41    | ppb   |
| Lithium    | 6-1   |           |           |           | 97         |         | %     |
| Magnesium  | 24-2  | 131810.96 | 129014.59 | 129235.68 | 130020.41  | 1.20    | ppb   |

|                         |                     |                   |                     |
|-------------------------|---------------------|-------------------|---------------------|
| LB Number :             | LB97237             | Operator :        | Jaswal              |
| Lab Sample ID :         | J4379-16DLX5        | Instrumnet Name : | P8                  |
| Client Sample ID :      | MW-104DDL           | Dilution Factor : | 5                   |
| Date & Time Acquired :: | 2018-08-10 21:18:18 | DataFile Name :   | 144SMPL_P8081018-MS |

| Parameter  | Mass  | ConRep1    | ConRep2    | ConRep3    | Avg. Conc. | ConcRSD | Units |
|------------|-------|------------|------------|------------|------------|---------|-------|
| Manganese  | 55-2  | 671.93     | 665.21     | 667.58     | 668.24     | 0.51    | ppb   |
| Molybdenum | 94-1  | 1.43       | 1.27       | 1.41       | 1.37       | 6.50    | ppb   |
| Molybdenum | 95-1  | 0.46       | 0.45       | 0.52       | 0.48       | 7.59    | ppb   |
| Molybdenum | 96-1  | 0.54       | 0.50       | 0.60       | 0.55       | 9.60    | ppb   |
| Molybdenum | 97-1  | 0.49       | 0.56       | 0.64       | 0.56       | 12.66   | ppb   |
| Molybdenum | 98-1  | 0.49       | 0.48       | 0.52       | 0.50       | 4.68    | ppb   |
| Neodymium  | 150-1 |            |            |            |            |         | cps   |
| Neodymium  | 150-2 |            |            |            |            |         | cps   |
| Nickel     | 60-2  | 2.49       | 2.79       | 2.60       | 2.63       | 5.87    | ppb   |
| Phosphorus | 31-2  | 36.04      | 61.89      | 60.23      | 52.72      | 27.44   | ppb   |
| Potassium  | 39-2  | 41832.08   | 41630.70   | 41104.54   | 41522.44   | 0.90    | ppb   |
| Rhodium    | 103-1 |            |            |            | 99         |         | %     |
| Rhodium    | 103-2 |            |            |            | 101        |         | %     |
| Scandium   | 45-1  |            |            |            | 103        |         | %     |
| Scandium   | 45-2  |            |            |            | 102        |         | %     |
| Selenium   | 77-2  | 0.00       | 0.00       | 0.00       | 0.00       | N/A     | ppb   |
| Selenium   | 78-2  | 0.00       | 0.00       | 1.91       | 0.64       | 173.21  | ppb   |
| Selenium   | 82-1  | 3.41       | 3.20       | 4.76       | 3.79       | 22.38   | ppb   |
| Silicon    | 28-1  | 1617.54    | 1580.86    | 1708.45    | 1635.62    | 4.02    | ppb   |
| Silver     | 109-1 | 0.05       | 0.06       | 0.08       | 0.06       | 20.82   | ppb   |
| Silver     | 107-1 | 0.06       | 0.07       | 0.07       | 0.07       | 7.82    | ppb   |
| Sodium     | 23-2  | 1150063.74 | 1146447.79 | 1134409.59 | 1143640.37 | 0.72    | ppb   |
| Strontium  | 86-1  | 783.30     | 757.68     | 838.44     | 793.14     | 5.20    | ppb   |
| Strontium  | 88-1  | 786.39     | 768.09     | 843.06     | 799.18     | 4.89    | ppb   |
| Sulfur     | 34-1  | 41673.40   | 41513.15   | 45744.35   | 42976.97   | 5.58    | ppb   |
| Terbium    | 159-1 |            |            |            | 108        |         | %     |
| Terbium    | 159-2 |            |            |            | 109        |         | %     |
| Thallium   | 203-1 | 0.01       | 0.01       | 0.01       | 0.01       | 7.64    | ppb   |
| Thallium   | 205-1 | 0.01       | 0.02       | 0.01       | 0.01       | 11.01   | ppb   |
| Tin        | 118-1 | 0.79       | 0.86       | 0.84       | 0.83       | 4.39    | ppb   |
| Titanium   | 47-1  | 2.04       | 2.07       | 2.81       | 2.31       | 18.86   | ppb   |
| Uranium    | 238-1 | 4.87       | 4.82       | 5.26       | 4.98       | 4.78    | ppb   |
| Vanadium   | 51-2  | 0.24       | 0.16       | 0.17       | 0.19       | 22.73   | ppb   |
| Yttrium    | 89-1  |            |            |            | 105        |         | %     |
| Yttrium    | 89-2  |            |            |            | 103        |         | %     |
| Zinc       | 66-2  | 15.14      | 14.91      | 14.92      | 14.99      | 0.84    | ppb   |

|                         |                     |                   |                     |
|-------------------------|---------------------|-------------------|---------------------|
| LB Number :             | LB97237             | Operator :        | Jaswal              |
| Lab Sample ID :         | J4379-16DLX5        | Instrumnet Name : | P8                  |
| Client Sample ID :      | MW-104DDL           | Dilution Factor : | 5                   |
| Date & Time Acquired :: | 2018-08-10 21:18:18 | DataFile Name :   | 144SMPL_P8081018-MS |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|-----------|------|---------|---------|---------|------------|---------|-------|
| Zirconium | 90-1 | 0.65    | 0.68    | 0.68    | 0.67       | 2.58    | ppb   |
| Zirconium | 91-1 | 0.66    | 0.70    | 0.80    | 0.72       | 9.82    | ppb   |

|                         |                     |                   |                     |
|-------------------------|---------------------|-------------------|---------------------|
| LB Number :             | LB97237             | Operator :        | Jaswal              |
| Lab Sample ID :         | J4379-17DLX5        | Instrumnet Name : | P8                  |
| Client Sample ID :      | MW-103IDL           | Dilution Factor : | 5                   |
| Date & Time Acquired :: | 2018-08-10 21:21:37 | DataFile Name :   | 145SMPL_P8081018-MS |

| Parameter  | Mass  | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|------------|-------|---------|---------|---------|------------|---------|-------|
| Aluminium  | 27-2  | 23.16   | 22.90   | 16.97   | 21.01      | 16.66   | ppb   |
| Antimony   | 121-1 | 0.21    | 0.19    | 0.18    | 0.19       | 7.64    | ppb   |
| Arsenic    | 75-2  | 1.48    | 1.29    | 1.86    | 1.55       | 18.76   | ppb   |
| Barium     | 135-1 | 24.28   | 24.19   | 24.37   | 24.28      | 0.37    | ppb   |
| Barium     | 137-1 | 24.30   | 24.44   | 23.72   | 24.15      | 1.58    | ppb   |
| Beryllium  | 9-1   | 0.08    | 0.05    | 0.07    | 0.07       | 21.05   | ppb   |
| Bismuth    | 209-1 |         |         |         | 115        |         | %     |
| Bismuth    | 209-2 |         |         |         | 112        |         | %     |
| Boron      | 10-1  | 86.82   | 84.50   | 85.05   | 85.46      | 1.42    | ppb   |
| Boron      | 11-1  | 86.69   | 87.16   | 83.86   | 85.90      | 2.08    | ppb   |
| Cadmium    | 111-1 | -0.03   | -0.03   | -0.05   | -0.04      |         | ppb   |
| Cadmium    | 106-1 | -0.53   | -0.57   | -0.76   | -0.62      |         | ppb   |
| Cadmium    | 108-1 | 0.10    | 0.04    | 0.01    | 0.05       | 86.08   | ppb   |
| Calcium    | 43-1  | 6104.75 | 6047.82 | 6053.51 | 6068.70    | 0.52    | ppb   |
| Calcium    | 44-1  | 6237.79 | 6162.51 | 6147.21 | 6182.50    | 0.78    | ppb   |
| Chromium   | 52-2  | 0.35    | 0.34    | 0.29    | 0.33       | 10.13   | ppb   |
| Cobalt     | 59-2  | 0.05    | 0.02    | 0.03    | 0.04       | 37.82   | ppb   |
| Copper     | 63-2  | 1.34    | 1.54    | 1.58    | 1.49       | 8.37    | ppb   |
| Dysprosium | 156-1 |         |         |         |            |         | cps   |
| Dysprosium | 156-2 |         |         |         |            |         | cps   |
| Erbium     | 164-1 |         |         |         |            |         | cps   |
| Erbium     | 164-2 |         |         |         |            |         | cps   |
| Gadolinium | 160-1 |         |         |         |            |         | cps   |
| Gadolinium | 160-2 |         |         |         |            |         | cps   |
| Holmium    | 165-1 |         |         |         | 116        |         | %     |
| Holmium    | 165-2 |         |         |         | 114        |         | %     |
| Indium     | 115-1 |         |         |         | 113        |         | %     |
| Indium     | 115-2 |         |         |         | 106        |         | %     |
| Iron       | 56-2  | 1057.79 | 1089.11 | 1109.42 | 1085.44    | 2.40    | ppb   |
| Iron       | 57-2  | 1045.56 | 1077.35 | 1101.84 | 1074.92    | 2.63    | ppb   |
| Krypton    | 83-1  |         |         |         |            |         | cps   |
| Lead       | 206-1 | 1.04    | 1.01    | 1.04    | 1.03       | 1.50    | ppb   |
| Lead       | 207-1 | 1.01    | 0.96    | 0.97    | 0.98       | 2.66    | ppb   |
| Lead       | 208-1 | 1.02    | 0.98    | 0.99    | 0.99       | 2.22    | ppb   |
| Lithium    | 6-1   |         |         |         | 109        |         | %     |
| Magnesium  | 24-2  | 7303.28 | 7348.04 | 7570.32 | 7407.21    | 1.93    | ppb   |

|                         |                     |                   |                     |
|-------------------------|---------------------|-------------------|---------------------|
| LB Number :             | LB97237             | Operator :        | Jaswal              |
| Lab Sample ID :         | J4379-17DLX5        | Instrumnet Name : | P8                  |
| Client Sample ID :      | MW-103IDL           | Dilution Factor : | 5                   |
| Date & Time Acquired :: | 2018-08-10 21:21:37 | DataFile Name :   | 145SMPL_P8081018-MS |

| Parameter  | Mass  | ConRep1  | ConRep2  | ConRep3  | Avg. Conc. | ConcRSD | Units |
|------------|-------|----------|----------|----------|------------|---------|-------|
| Manganese  | 55-2  | 95.54    | 102.41   | 105.83   | 101.26     | 5.17    | ppb   |
| Molybdenum | 94-1  | 0.37     | 0.34     | 0.33     | 0.35       | 6.16    | ppb   |
| Molybdenum | 95-1  | 0.21     | 0.20     | 0.20     | 0.20       | 5.04    | ppb   |
| Molybdenum | 96-1  | 0.22     | 0.25     | 0.26     | 0.25       | 7.48    | ppb   |
| Molybdenum | 97-1  | 0.20     | 0.28     | 0.23     | 0.23       | 17.07   | ppb   |
| Molybdenum | 98-1  | 0.22     | 0.26     | 0.22     | 0.23       | 10.50   | ppb   |
| Neodymium  | 150-1 |          |          |          |            |         | cps   |
| Neodymium  | 150-2 |          |          |          |            |         | cps   |
| Nickel     | 60-2  | 0.07     | 0.12     | 0.21     | 0.13       | 53.23   | ppb   |
| Phosphorus | 31-2  | 464.00   | 423.24   | 209.80   | 365.68     | 37.34   | ppb   |
| Potassium  | 39-2  | 4972.12  | 5082.41  | 5084.14  | 5046.22    | 1.27    | ppb   |
| Rhodium    | 103-1 |          |          |          | 111        |         | %     |
| Rhodium    | 103-2 |          |          |          | 109        |         | %     |
| Scandium   | 45-1  |          |          |          | 108        |         | %     |
| Scandium   | 45-2  |          |          |          | 98         |         | %     |
| Selenium   | 77-2  | 0.00     | 0.00     | 0.00     | 0.00       | N/A     | ppb   |
| Selenium   | 78-2  | 0.00     | 0.97     | 0.00     | 0.32       | 173.21  | ppb   |
| Selenium   | 82-1  | 0.56     | 0.39     | 0.48     | 0.48       | 17.98   | ppb   |
| Silicon    | 28-1  | 1334.77  | 1318.28  | 1321.33  | 1324.79    | 0.66    | ppb   |
| Silver     | 109-1 | 0.04     | 0.03     | 0.05     | 0.04       | 19.75   | ppb   |
| Silver     | 107-1 | 0.04     | 0.03     | 0.05     | 0.04       | 22.90   | ppb   |
| Sodium     | 23-2  | 31949.21 | 32273.78 | 33491.53 | 32571.51   | 2.50    | ppb   |
| Strontium  | 86-1  | 63.95    | 63.19    | 63.60    | 63.58      | 0.60    | ppb   |
| Strontium  | 88-1  | 64.75    | 64.82    | 64.33    | 64.63      | 0.41    | ppb   |
| Sulfur     | 34-1  | 161.64   | 20.62    | 86.48    | 89.58      | 78.77   | ppb   |
| Terbium    | 159-1 |          |          |          | 116        |         | %     |
| Terbium    | 159-2 |          |          |          | 114        |         | %     |
| Thallium   | 203-1 | 0.01     | 0.00     | 0.00     | 0.00       | 197.10  | ppb   |
| Thallium   | 205-1 | 0.01     | 0.01     | 0.01     | 0.01       | 8.67    | ppb   |
| Tin        | 118-1 | 0.32     | 0.40     | 0.41     | 0.38       | 12.11   | ppb   |
| Titanium   | 47-1  | 0.89     | 0.89     | 0.79     | 0.86       | 7.09    | ppb   |
| Uranium    | 238-1 | 0.01     | 0.01     | 0.01     | 0.01       | 16.12   | ppb   |
| Vanadium   | 51-2  | 0.33     | 0.33     | 0.20     | 0.29       | 25.25   | ppb   |
| Yttrium    | 89-1  |          |          |          | 111        |         | %     |
| Yttrium    | 89-2  |          |          |          | 103        |         | %     |
| Zinc       | 66-2  | 55.37    | 56.24    | 59.90    | 57.17      | 4.21    | ppb   |

|                         |                     |                   |                     |
|-------------------------|---------------------|-------------------|---------------------|
| LB Number :             | LB97237             | Operator :        | Jaswal              |
| Lab Sample ID :         | J4379-17DLX5        | Instrumnet Name : | P8                  |
| Client Sample ID :      | MW-103IDL           | Dilution Factor : | 5                   |
| Date & Time Acquired :: | 2018-08-10 21:21:37 | DataFile Name :   | 145SMPL_P8081018-MS |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|-----------|------|---------|---------|---------|------------|---------|-------|
| Zirconium | 90-1 | 0.09    | 0.10    | 0.11    | 0.10       | 9.57    | ppb   |
| Zirconium | 91-1 | 0.09    | 0.14    | 0.10    | 0.11       | 22.97   | ppb   |

|                         |                     |                   |                     |
|-------------------------|---------------------|-------------------|---------------------|
| LB Number :             | LB97237             | Operator :        | Jaswal              |
| Lab Sample ID :         | J4379-19DLX5        | Instrumnet Name : | P8                  |
| Client Sample ID :      | MW-102SDL           | Dilution Factor : | 5                   |
| Date & Time Acquired :: | 2018-08-10 21:24:58 | DataFile Name :   | 146SMPL_P8081018-MS |

| Parameter  | Mass  | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|------------|-------|---------|---------|---------|------------|---------|-------|
| Aluminium  | 27-2  | 198.44  | 171.69  | 170.28  | 180.14     | 8.81    | ppb   |
| Antimony   | 121-1 | 0.65    | 0.68    | 0.69    | 0.67       | 2.60    | ppb   |
| Arsenic    | 75-2  | 0.17    | 0.14    | 0.19    | 0.17       | 14.27   | ppb   |
| Barium     | 135-1 | 9.41    | 9.37    | 9.40    | 9.39       | 0.24    | ppb   |
| Barium     | 137-1 | 9.03    | 9.06    | 9.02    | 9.04       | 0.23    | ppb   |
| Beryllium  | 9-1   | 0.08    | 0.08    | 0.04    | 0.07       | 32.88   | ppb   |
| Bismuth    | 209-1 |         |         |         | 117        |         | %     |
| Bismuth    | 209-2 |         |         |         | 106        |         | %     |
| Boron      | 10-1  | 24.33   | 20.97   | 19.94   | 21.75      | 10.55   | ppb   |
| Boron      | 11-1  | 21.48   | 21.54   | 21.12   | 21.38      | 1.06    | ppb   |
| Cadmium    | 111-1 | -0.12   | 0.07    | -0.02   | -0.02      |         | ppb   |
| Cadmium    | 106-1 | -1.48   | 0.80    | -0.24   | -0.31      |         | ppb   |
| Cadmium    | 108-1 | 0.10    | 0.07    | 0.07    | 0.08       | 21.46   | ppb   |
| Calcium    | 43-1  | 4415.89 | 4341.79 | 4513.87 | 4423.85    | 1.95    | ppb   |
| Calcium    | 44-1  | 4492.55 | 4397.44 | 4512.08 | 4467.35    | 1.37    | ppb   |
| Chromium   | 52-2  | 1.78    | 1.58    | 1.26    | 1.54       | 17.06   | ppb   |
| Cobalt     | 59-2  | 0.01    | 0.00    | 0.00    | 0.00       | 42.31   | ppb   |
| Copper     | 63-2  | 1.03    | 0.88    | 0.70    | 0.87       | 19.19   | 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 |         |         |         | 115        |         | %     |
| Holmium    | 165-2 |         |         |         | 106        |         | %     |
| Indium     | 115-1 |         |         |         | 112        |         | %     |
| Indium     | 115-2 |         |         |         | 97         |         | %     |
| Iron       | 56-2  | 30.27   | 27.81   | 28.27   | 28.78      | 4.55    | ppb   |
| Iron       | 57-2  | 29.38   | 22.38   | 32.96   | 28.24      | 19.07   | ppb   |
| Krypton    | 83-1  |         |         |         |            |         | cps   |
| Lead       | 206-1 | 0.13    | 0.12    | 0.12    | 0.12       | 5.48    | ppb   |
| Lead       | 207-1 | 0.10    | 0.10    | 0.11    | 0.10       | 5.15    | ppb   |
| Lead       | 208-1 | 0.11    | 0.11    | 0.10    | 0.11       | 5.51    | ppb   |
| Lithium    | 6-1   |         |         |         | 106        |         | %     |
| Magnesium  | 24-2  | 22.81   | 21.42   | 28.61   | 24.28      | 15.71   | ppb   |



|                         |                     |                   |                     |
|-------------------------|---------------------|-------------------|---------------------|
| LB Number :             | LB97237             | Operator :        | Jaswal              |
| Lab Sample ID :         | J4379-19DLX5        | Instrumnet Name : | P8                  |
| Client Sample ID :      | MW-102SDL           | Dilution Factor : | 5                   |
| Date & Time Acquired :: | 2018-08-10 21:24:58 | DataFile Name :   | 146SMPL_P8081018-MS |

| Parameter  | Mass  | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|------------|-------|---------|---------|---------|------------|---------|-------|
| Manganese  | 55-2  | 0.50    | 0.33    | 0.14    | 0.33       | 55.13   | ppb   |
| Molybdenum | 94-1  | 0.44    | 0.33    | 0.38    | 0.38       | 15.38   | ppb   |
| Molybdenum | 95-1  | 0.46    | 0.42    | 0.39    | 0.42       | 7.56    | ppb   |
| Molybdenum | 96-1  | 0.39    | 0.41    | 0.38    | 0.40       | 3.41    | ppb   |
| Molybdenum | 97-1  | 0.46    | 0.39    | 0.40    | 0.42       | 9.79    | ppb   |
| Molybdenum | 98-1  | 0.48    | 0.48    | 0.45    | 0.47       | 3.48    | ppb   |
| Neodymium  | 150-1 |         |         |         |            |         | cps   |
| Neodymium  | 150-2 |         |         |         |            |         | cps   |
| Nickel     | 60-2  | -0.07   | -0.16   | -0.15   | -0.12      |         | ppb   |
| Phosphorus | 31-2  | 14.44   | -17.95  | -17.95  | -7.15      |         | ppb   |
| Potassium  | 39-2  | 1103.30 | 985.95  | 1028.77 | 1039.34    | 5.71    | ppb   |
| Rhodium    | 103-1 |         |         |         | 109        |         | %     |
| Rhodium    | 103-2 |         |         |         | 100        |         | %     |
| Scandium   | 45-1  |         |         |         | 102        |         | %     |
| Scandium   | 45-2  |         |         |         | 89         |         | %     |
| Selenium   | 77-2  | 7.10    | 0.00    | 0.00    | 2.37       | 173.21  | ppb   |
| Selenium   | 78-2  | 0.00    | 1.02    | 0.00    | 0.34       | 173.21  | ppb   |
| Selenium   | 82-1  | 0.23    | -0.08   | 0.92    | 0.36       | 144.61  | ppb   |
| Silicon    | 28-1  | 1302.44 | 1272.92 | 1301.25 | 1292.20    | 1.29    | ppb   |
| Silver     | 109-1 | 0.03    | 0.03    | 0.02    | 0.03       | 11.02   | ppb   |
| Silver     | 107-1 | 0.02    | 0.03    | 0.02    | 0.02       | 22.80   | ppb   |
| Sodium     | 23-2  | 2485.35 | 2279.16 | 2242.46 | 2335.66    | 5.61    | ppb   |
| Strontium  | 86-1  | 85.10   | 84.66   | 84.11   | 84.62      | 0.59    | ppb   |
| Strontium  | 88-1  | 89.65   | 87.89   | 88.16   | 88.57      | 1.07    | ppb   |
| Sulfur     | 34-1  | -401.42 | -693.00 | -474.64 | -523.02    |         | ppb   |
| Terbium    | 159-1 |         |         |         | 115        |         | %     |
| Terbium    | 159-2 |         |         |         | 105        |         | %     |
| Thallium   | 203-1 | 0.01    | 0.00    | 0.00    | 0.00       | 84.48   | ppb   |
| Thallium   | 205-1 | 0.01    | 0.01    | 0.00    | 0.01       | 52.61   | ppb   |
| Tin        | 118-1 | 0.29    | 0.33    | 0.33    | 0.32       | 7.88    | ppb   |
| Titanium   | 47-1  | 0.79    | 0.64    | 0.69    | 0.70       | 10.94   | ppb   |
| Uranium    | 238-1 | 0.00    | 0.00    | 0.01    | 0.00       | 26.63   | ppb   |
| Vanadium   | 51-2  | 1.62    | 1.36    | 1.34    | 1.44       | 10.59   | ppb   |
| Yttrium    | 89-1  |         |         |         | 109        |         | %     |
| Yttrium    | 89-2  |         |         |         | 94         |         | %     |
| Zinc       | 66-2  | 3.98    | 3.28    | 2.97    | 3.41       | 15.16   | ppb   |

|                         |                     |                   |                     |
|-------------------------|---------------------|-------------------|---------------------|
| LB Number :             | LB97237             | Operator :        | Jaswal              |
| Lab Sample ID :         | J4379-19DLX5        | Instrumnet Name : | P8                  |
| Client Sample ID :      | MW-102SDL           | Dilution Factor : | 5                   |
| Date & Time Acquired :: | 2018-08-10 21:24:58 | DataFile Name :   | 146SMPL_P8081018-MS |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|-----------|------|---------|---------|---------|------------|---------|-------|
| Zirconium | 90-1 | 0.07    | 0.05    | 0.05    | 0.06       | 16.74   | ppb   |
| Zirconium | 91-1 | 0.06    | 0.11    | 0.06    | 0.07       | 38.47   | ppb   |

|                         |                     |                   |                     |
|-------------------------|---------------------|-------------------|---------------------|
| LB Number :             | LB97237             | Operator :        | Jaswal              |
| Lab Sample ID :         | J4379-20DLX5        | Instrumnet Name : | P8                  |
| Client Sample ID :      | MW-102IDL           | Dilution Factor : | 5                   |
| Date & Time Acquired :: | 2018-08-10 21:28:18 | DataFile Name :   | 147SMPL_P8081018-MS |

| Parameter  | Mass  | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|------------|-------|---------|---------|---------|------------|---------|-------|
| Aluminium  | 27-2  | 102.90  | 81.67   | 79.84   | 88.14      | 14.54   | ppb   |
| Antimony   | 121-1 | 0.23    | 0.27    | 0.27    | 0.26       | 8.02    | ppb   |
| Arsenic    | 75-2  | 0.34    | 0.19    | 0.21    | 0.25       | 32.18   | ppb   |
| Barium     | 135-1 | 6.54    | 6.35    | 6.19    | 6.36       | 2.77    | ppb   |
| Barium     | 137-1 | 6.61    | 6.53    | 6.61    | 6.58       | 0.68    | ppb   |
| Beryllium  | 9-1   | 0.07    | 0.04    | 0.04    | 0.05       | 36.68   | ppb   |
| Bismuth    | 209-1 |         |         |         | 117        |         | %     |
| Bismuth    | 209-2 |         |         |         | 108        |         | %     |
| Boron      | 10-1  | 30.56   | 36.57   | 34.56   | 33.89      | 9.03    | ppb   |
| Boron      | 11-1  | 33.01   | 33.21   | 34.16   | 33.46      | 1.83    | ppb   |
| Cadmium    | 111-1 | -0.11   | -0.12   | -0.10   | -0.11      |         | ppb   |
| Cadmium    | 106-1 | -1.69   | -1.71   | -1.48   | -1.62      |         | ppb   |
| Cadmium    | 108-1 | 0.01    | 0.13    | 0.07    | 0.07       | 80.84   | ppb   |
| Calcium    | 43-1  | 5964.66 | 5971.07 | 5988.41 | 5974.72    | 0.21    | ppb   |
| Calcium    | 44-1  | 6080.13 | 6085.65 | 6030.39 | 6065.39    | 0.50    | ppb   |
| Chromium   | 52-2  | 0.72    | 0.82    | 0.75    | 0.76       | 6.18    | ppb   |
| Cobalt     | 59-2  | 0.09    | 0.11    | 0.08    | 0.09       | 19.52   | ppb   |
| Copper     | 63-2  | 2.01    | 1.90    | 1.83    | 1.91       | 4.60    | ppb   |
| Dysprosium | 156-1 |         |         |         |            |         | cps   |
| Dysprosium | 156-2 |         |         |         |            |         | cps   |
| Erbium     | 164-1 |         |         |         |            |         | cps   |
| Erbium     | 164-2 |         |         |         |            |         | cps   |
| Gadolinium | 160-1 |         |         |         |            |         | cps   |
| Gadolinium | 160-2 |         |         |         |            |         | cps   |
| Holmium    | 165-1 |         |         |         | 115        |         | %     |
| Holmium    | 165-2 |         |         |         | 108        |         | %     |
| Indium     | 115-1 |         |         |         | 111        |         | %     |
| Indium     | 115-2 |         |         |         | 98         |         | %     |
| Iron       | 56-2  | 184.07  | 169.67  | 165.59  | 173.11     | 5.61    | ppb   |
| Iron       | 57-2  | 201.86  | 169.93  | 169.96  | 180.58     | 10.20   | ppb   |
| Krypton    | 83-1  |         |         |         |            |         | cps   |
| Lead       | 206-1 | 1.66    | 1.60    | 1.70    | 1.65       | 3.15    | ppb   |
| Lead       | 207-1 | 1.52    | 1.51    | 1.59    | 1.54       | 2.77    | ppb   |
| Lead       | 208-1 | 1.59    | 1.57    | 1.62    | 1.59       | 1.68    | ppb   |
| Lithium    | 6-1   |         |         |         | 107        |         | %     |
| Magnesium  | 24-2  | 1618.58 | 1446.37 | 1343.69 | 1469.55    | 9.45    | ppb   |

|                         |                     |                   |                     |
|-------------------------|---------------------|-------------------|---------------------|
| LB Number :             | LB97237             | Operator :        | Jaswal              |
| Lab Sample ID :         | J4379-20DLX5        | Instrumnet Name : | P8                  |
| Client Sample ID :      | MW-102IDL           | Dilution Factor : | 5                   |
| Date & Time Acquired :: | 2018-08-10 21:28:18 | DataFile Name :   | 147SMPL_P8081018-MS |

| Parameter  | Mass  | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|------------|-------|---------|---------|---------|------------|---------|-------|
| Manganese  | 55-2  | 6.71    | 5.80    | 5.27    | 5.93       | 12.26   | ppb   |
| Molybdenum | 94-1  | 0.20    | 0.24    | 0.19    | 0.21       | 11.51   | ppb   |
| Molybdenum | 95-1  | 0.17    | 0.12    | 0.16    | 0.15       | 14.50   | ppb   |
| Molybdenum | 96-1  | 0.14    | 0.16    | 0.17    | 0.16       | 10.85   | ppb   |
| Molybdenum | 97-1  | 0.21    | 0.20    | 0.17    | 0.20       | 10.56   | ppb   |
| Molybdenum | 98-1  | 0.15    | 0.15    | 0.15    | 0.15       | 1.90    | ppb   |
| Neodymium  | 150-1 |         |         |         |            |         | cps   |
| Neodymium  | 150-2 |         |         |         |            |         | cps   |
| Nickel     | 60-2  | 0.25    | 0.34    | 0.38    | 0.32       | 20.62   | ppb   |
| Phosphorus | 31-2  | 47.47   | 12.42   | 11.56   | 23.82      | 86.04   | ppb   |
| Potassium  | 39-2  | 6658.86 | 6137.39 | 5906.80 | 6234.35    | 6.18    | ppb   |
| Rhodium    | 103-1 |         |         |         | 108        |         | %     |
| Rhodium    | 103-2 |         |         |         | 103        |         | %     |
| Scandium   | 45-1  |         |         |         | 101        |         | %     |
| Scandium   | 45-2  |         |         |         | 88         |         | %     |
| Selenium   | 77-2  | 0.00    | 0.00    | 0.00    | 0.00       | N/A     | ppb   |
| Selenium   | 78-2  | 0.00    | 0.00    | 1.00    | 0.33       | 173.21  | ppb   |
| Selenium   | 82-1  | 0.11    | 0.41    | 0.70    | 0.41       | 72.92   | ppb   |
| Silicon    | 28-1  | 863.38  | 868.95  | 845.89  | 859.40     | 1.40    | ppb   |
| Silver     | 109-1 | 0.03    | 0.02    | 0.04    | 0.03       | 20.56   | ppb   |
| Silver     | 107-1 | 0.03    | 0.02    | 0.03    | 0.03       | 13.44   | ppb   |
| Sodium     | 23-2  | 9418.56 | 8730.68 | 8480.98 | 8876.74    | 5.47    | ppb   |
| Strontium  | 86-1  | 34.26   | 34.03   | 34.99   | 34.43      | 1.45    | ppb   |
| Strontium  | 88-1  | 36.12   | 35.60   | 35.80   | 35.84      | 0.73    | ppb   |
| Sulfur     | 34-1  | 94.64   | -105.01 | -194.21 | -68.20     |         | ppb   |
| Terbium    | 159-1 |         |         |         | 115        |         | %     |
| Terbium    | 159-2 |         |         |         | 108        |         | %     |
| Thallium   | 203-1 | 0.00    | 0.00    | 0.00    | 0.00       | 917.45  | ppb   |
| Thallium   | 205-1 | 0.01    | 0.01    | 0.01    | 0.01       | 14.40   | ppb   |
| Tin        | 118-1 | 0.42    | 0.43    | 0.42    | 0.42       | 1.77    | ppb   |
| Titanium   | 47-1  | 3.17    | 2.55    | 3.43    | 3.05       | 14.81   | ppb   |
| Uranium    | 238-1 | 0.38    | 0.37    | 0.38    | 0.37       | 0.85    | ppb   |
| Vanadium   | 51-2  | 0.89    | 0.96    | 0.79    | 0.88       | 9.29    | ppb   |
| Yttrium    | 89-1  |         |         |         | 107        |         | %     |
| Yttrium    | 89-2  |         |         |         | 95         |         | %     |
| Zinc       | 66-2  | 10.39   | 9.29    | 9.19    | 9.62       | 6.96    | ppb   |

|                         |                     |                   |                     |
|-------------------------|---------------------|-------------------|---------------------|
| LB Number :             | LB97237             | Operator :        | Jaswal              |
| Lab Sample ID :         | J4379-20DLX5        | Instrumnet Name : | P8                  |
| Client Sample ID :      | MW-102IDL           | Dilution Factor : | 5                   |
| Date & Time Acquired :: | 2018-08-10 21:28:18 | DataFile Name :   | 147SMPL_P8081018-MS |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|-----------|------|---------|---------|---------|------------|---------|-------|
| Zirconium | 90-1 | 0.09    | 0.08    | 0.08    | 0.08       | 7.70    | ppb   |
| Zirconium | 91-1 | 0.11    | 0.06    | 0.10    | 0.09       | 31.48   | ppb   |

|                         |                     |                   |                     |
|-------------------------|---------------------|-------------------|---------------------|
| LB Number :             | LB97237             | Operator :        | Jaswal              |
| Lab Sample ID :         | J4379-21DLX5        | Instrumnet Name : | P8                  |
| Client Sample ID :      | MW-102DDL           | Dilution Factor : | 5                   |
| Date & Time Acquired :: | 2018-08-10 21:31:39 | DataFile Name :   | 148SMPL_P8081018-MS |

| Parameter  | Mass  | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|------------|-------|---------|---------|---------|------------|---------|-------|
| Aluminium  | 27-2  | 108.91  | 130.12  | 138.36  | 125.80     | 12.08   | ppb   |
| Antimony   | 121-1 | 0.22    | 0.20    | 0.22    | 0.21       | 4.69    | ppb   |
| Arsenic    | 75-2  | 0.95    | 0.79    | 0.82    | 0.85       | 9.95    | ppb   |
| Barium     | 135-1 | 3.39    | 3.06    | 2.95    | 3.13       | 7.22    | ppb   |
| Barium     | 137-1 | 3.36    | 3.21    | 3.44    | 3.34       | 3.47    | ppb   |
| Beryllium  | 9-1   | 0.06    | 0.13    | 0.09    | 0.10       | 37.84   | ppb   |
| Bismuth    | 209-1 |         |         |         | 114        |         | %     |
| Bismuth    | 209-2 |         |         |         | 110        |         | %     |
| Boron      | 10-1  | 88.74   | 91.72   | 88.95   | 89.81      | 1.85    | ppb   |
| Boron      | 11-1  | 90.58   | 89.89   | 93.45   | 91.31      | 2.07    | ppb   |
| Cadmium    | 111-1 | -0.06   | 0.02    | 0.03    | 0.00       |         | ppb   |
| Cadmium    | 106-1 | -1.01   | 0.11    | 0.25    | -0.21      |         | ppb   |
| Cadmium    | 108-1 | 0.10    | 0.01    | 0.04    | 0.05       | 84.29   | ppb   |
| Calcium    | 43-1  | 1396.00 | 1382.54 | 1330.72 | 1369.76    | 2.52    | ppb   |
| Calcium    | 44-1  | 1348.10 | 1375.73 | 1364.60 | 1362.81    | 1.02    | ppb   |
| Chromium   | 52-2  | 0.67    | 0.71    | 0.88    | 0.75       | 14.79   | ppb   |
| Cobalt     | 59-2  | 0.12    | 0.10    | 0.10    | 0.11       | 8.45    | ppb   |
| Copper     | 63-2  | 1.31    | 1.37    | 1.52    | 1.40       | 7.46    | 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 |         |         |         | 114        |         | %     |
| Holmium    | 165-2 |         |         |         | 111        |         | %     |
| Indium     | 115-1 |         |         |         | 108        |         | %     |
| Indium     | 115-2 |         |         |         | 100        |         | %     |
| Iron       | 56-2  | 230.69  | 230.18  | 236.98  | 232.62     | 1.63    | ppb   |
| Iron       | 57-2  | 269.35  | 232.32  | 255.40  | 252.36     | 7.41    | ppb   |
| Krypton    | 83-1  |         |         |         |            |         | cps   |
| Lead       | 206-1 | 1.06    | 1.12    | 1.14    | 1.11       | 3.49    | ppb   |
| Lead       | 207-1 | 0.95    | 1.06    | 1.01    | 1.01       | 5.52    | ppb   |
| Lead       | 208-1 | 1.01    | 1.07    | 1.04    | 1.04       | 2.75    | ppb   |
| Lithium    | 6-1   |         |         |         | 104        |         | %     |
| Magnesium  | 24-2  | 750.44  | 716.97  | 753.63  | 740.35     | 2.74    | ppb   |

|                         |                     |                   |                     |
|-------------------------|---------------------|-------------------|---------------------|
| LB Number :             | LB97237             | Operator :        | Jaswal              |
| Lab Sample ID :         | J4379-21DLX5        | Instrumnet Name : | P8                  |
| Client Sample ID :      | MW-102DDL           | Dilution Factor : | 5                   |
| Date & Time Acquired :: | 2018-08-10 21:31:39 | DataFile Name :   | 148SMPL_P8081018-MS |

| Parameter  | Mass  | ConRep1  | ConRep2  | ConRep3  | Avg. Conc. | ConcRSD | Units |
|------------|-------|----------|----------|----------|------------|---------|-------|
| Manganese  | 55-2  | 20.80    | 21.33    | 20.84    | 20.99      | 1.40    | ppb   |
| Molybdenum | 94-1  | 0.34     | 0.41     | 0.41     | 0.39       | 10.11   | ppb   |
| Molybdenum | 95-1  | 0.20     | 0.19     | 0.19     | 0.19       | 4.32    | ppb   |
| Molybdenum | 96-1  | 0.29     | 0.23     | 0.27     | 0.26       | 11.75   | ppb   |
| Molybdenum | 97-1  | 0.27     | 0.21     | 0.19     | 0.22       | 19.76   | ppb   |
| Molybdenum | 98-1  | 0.23     | 0.23     | 0.23     | 0.23       | 0.73    | ppb   |
| Neodymium  | 150-1 |          |          |          |            |         | cps   |
| Neodymium  | 150-2 |          |          |          |            |         | cps   |
| Nickel     | 60-2  | 0.22     | 0.29     | 0.24     | 0.25       | 15.10   | ppb   |
| Phosphorus | 31-2  | 69.42    | 40.33    | 41.81    | 50.52      | 32.43   | ppb   |
| Potassium  | 39-2  | 1063.67  | 1124.53  | 1228.62  | 1138.94    | 7.32    | ppb   |
| Rhodium    | 103-1 |          |          |          | 106        |         | %     |
| Rhodium    | 103-2 |          |          |          | 103        |         | %     |
| Scandium   | 45-1  |          |          |          | 99         |         | %     |
| Scandium   | 45-2  |          |          |          | 92         |         | %     |
| Selenium   | 77-2  | 0.00     | 6.39     | 0.00     | 2.13       | 173.21  | ppb   |
| Selenium   | 78-2  | 1.01     | 2.04     | 1.03     | 1.36       | 43.13   | ppb   |
| Selenium   | 82-1  | 0.29     | 1.07     | 0.41     | 0.59       | 71.76   | ppb   |
| Silicon    | 28-1  | 1746.82  | 1766.18  | 1793.78  | 1768.93    | 1.33    | ppb   |
| Silver     | 109-1 | 0.02     | 0.03     | 0.02     | 0.02       | 28.48   | ppb   |
| Silver     | 107-1 | 0.04     | 0.03     | 0.03     | 0.03       | 21.72   | ppb   |
| Sodium     | 23-2  | 72502.57 | 71631.91 | 74071.83 | 72735.43   | 1.70    | ppb   |
| Strontium  | 86-1  | 33.91    | 34.61    | 33.80    | 34.11      | 1.29    | ppb   |
| Strontium  | 88-1  | 34.64    | 35.10    | 34.91    | 34.88      | 0.66    | ppb   |
| Sulfur     | 34-1  | 4582.02  | 4550.28  | 4556.96  | 4563.09    | 0.37    | ppb   |
| Terbium    | 159-1 |          |          |          | 113        |         | %     |
| Terbium    | 159-2 |          |          |          | 110        |         | %     |
| Thallium   | 203-1 | 0.00     | 0.00     | 0.01     | 0.00       | 513.60  | ppb   |
| Thallium   | 205-1 | 0.00     | 0.01     | 0.01     | 0.01       | 33.62   | ppb   |
| Tin        | 118-1 | 0.35     | 0.33     | 0.36     | 0.35       | 5.00    | ppb   |
| Titanium   | 47-1  | 4.42     | 5.56     | 4.65     | 4.87       | 12.41   | ppb   |
| Uranium    | 238-1 | 0.10     | 0.11     | 0.11     | 0.11       | 3.14    | ppb   |
| Vanadium   | 51-2  | 0.73     | 0.74     | 0.86     | 0.78       | 9.18    | ppb   |
| Yttrium    | 89-1  |          |          |          | 106        |         | %     |
| Yttrium    | 89-2  |          |          |          | 97         |         | %     |
| Zinc       | 66-2  | 11.19    | 10.87    | 9.77     | 10.61      | 7.02    | ppb   |

|                         |                     |                   |                     |
|-------------------------|---------------------|-------------------|---------------------|
| LB Number :             | LB97237             | Operator :        | Jaswal              |
| Lab Sample ID :         | J4379-21DLX5        | Instrumnet Name : | P8                  |
| Client Sample ID :      | MW-102DDL           | Dilution Factor : | 5                   |
| Date & Time Acquired :: | 2018-08-10 21:31:39 | DataFile Name :   | 148SMPL_P8081018-MS |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|-----------|------|---------|---------|---------|------------|---------|-------|
| Zirconium | 90-1 | 0.14    | 0.22    | 0.15    | 0.17       | 26.00   | ppb   |
| Zirconium | 91-1 | 0.15    | 0.14    | 0.15    | 0.15       | 1.66    | ppb   |



|                         |                     |                   |                     |
|-------------------------|---------------------|-------------------|---------------------|
| LB Number :             | LB97237             | Operator :        | Jaswal              |
| Lab Sample ID :         | J4379-22DLX5        | Instrumnet Name : | P8                  |
| Client Sample ID :      | MW-101SDL           | Dilution Factor : | 5                   |
| Date & Time Acquired :: | 2018-08-10 21:35:00 | DataFile Name :   | 149SMPL_P8081018-MS |

| Parameter  | Mass  | ConRep1  | ConRep2  | ConRep3  | Avg. Conc. | ConcRSD | Units |
|------------|-------|----------|----------|----------|------------|---------|-------|
| Aluminium  | 27-2  | 90.27    | 88.15    | 96.75    | 91.72      | 4.89    | ppb   |
| Antimony   | 121-1 | 0.46     | 0.45     | 0.41     | 0.44       | 6.63    | ppb   |
| Arsenic    | 75-2  | 0.30     | 0.42     | 0.25     | 0.32       | 28.32   | ppb   |
| Barium     | 135-1 | 26.76    | 25.22    | 25.76    | 25.92      | 3.01    | ppb   |
| Barium     | 137-1 | 26.60    | 26.00    | 25.99    | 26.20      | 1.34    | ppb   |
| Beryllium  | 9-1   | 0.04     | 0.09     | 0.01     | 0.05       | 76.24   | ppb   |
| Bismuth    | 209-1 |          |          |          | 115        |         | %     |
| Bismuth    | 209-2 |          |          |          | 109        |         | %     |
| Boron      | 10-1  | 76.39    | 75.53    | 78.90    | 76.94      | 2.28    | ppb   |
| Boron      | 11-1  | 79.12    | 82.95    | 82.81    | 81.63      | 2.66    | ppb   |
| Cadmium    | 111-1 | 0.05     | 0.06     | -0.01    | 0.03       | 121.79  | ppb   |
| Cadmium    | 106-1 | 0.18     | 0.35     | -0.52    | 0.01       | 7790.25 | ppb   |
| Cadmium    | 108-1 | 0.02     | 0.07     | 0.07     | 0.05       | 60.86   | ppb   |
| Calcium    | 43-1  | 17949.39 | 17205.03 | 17344.58 | 17499.67   | 2.26    | ppb   |
| Calcium    | 44-1  | 18135.02 | 17218.63 | 17278.68 | 17544.11   | 2.92    | ppb   |
| Chromium   | 52-2  | 0.61     | 0.57     | 0.64     | 0.61       | 5.88    | ppb   |
| Cobalt     | 59-2  | 0.92     | 0.77     | 0.85     | 0.85       | 8.69    | ppb   |
| Copper     | 63-2  | 2.60     | 2.68     | 2.86     | 2.71       | 4.91    | 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 |          |          |          | 113        |         | %     |
| Holmium    | 165-2 |          |          |          | 110        |         | %     |
| Indium     | 115-1 |          |          |          | 109        |         | %     |
| Indium     | 115-2 |          |          |          | 99         |         | %     |
| Iron       | 56-2  | 173.88   | 172.19   | 174.49   | 173.52     | 0.69    | ppb   |
| Iron       | 57-2  | 181.82   | 179.19   | 177.11   | 179.38     | 1.32    | ppb   |
| Krypton    | 83-1  |          |          |          |            |         | cps   |
| Lead       | 206-1 | 3.73     | 3.56     | 3.55     | 3.61       | 2.81    | ppb   |
| Lead       | 207-1 | 3.40     | 3.30     | 3.24     | 3.31       | 2.43    | ppb   |
| Lead       | 208-1 | 3.52     | 3.41     | 3.35     | 3.43       | 2.40    | ppb   |
| Lithium    | 6-1   |          |          |          | 105        |         | %     |
| Magnesium  | 24-2  | 4670.20  | 4535.51  | 4615.25  | 4606.99    | 1.47    | ppb   |

|                         |                     |                   |                     |
|-------------------------|---------------------|-------------------|---------------------|
| LB Number :             | LB97237             | Operator :        | Jaswal              |
| Lab Sample ID :         | J4379-22DLX5        | Instrumnet Name : | P8                  |
| Client Sample ID :      | MW-101SDL           | Dilution Factor : | 5                   |
| Date & Time Acquired :: | 2018-08-10 21:35:00 | DataFile Name :   | 149SMPL_P8081018-MS |

| Parameter  | Mass  | ConRep1  | ConRep2  | ConRep3  | Avg. Conc. | ConcRSD | Units |
|------------|-------|----------|----------|----------|------------|---------|-------|
| Manganese  | 55-2  | 34.14    | 34.55    | 35.25    | 34.65      | 1.63    | ppb   |
| Molybdenum | 94-1  | 0.26     | 0.28     | 0.19     | 0.24       | 19.00   | ppb   |
| Molybdenum | 95-1  | 0.22     | 0.26     | 0.28     | 0.25       | 12.74   | ppb   |
| Molybdenum | 96-1  | 0.32     | 0.22     | 0.27     | 0.27       | 17.66   | ppb   |
| Molybdenum | 97-1  | 0.22     | 0.25     | 0.22     | 0.23       | 7.25    | ppb   |
| Molybdenum | 98-1  | 0.23     | 0.23     | 0.27     | 0.24       | 10.21   | ppb   |
| Neodymium  | 150-1 |          |          |          |            |         | cps   |
| Neodymium  | 150-2 |          |          |          |            |         | cps   |
| Nickel     | 60-2  | 0.64     | 0.90     | 0.90     | 0.81       | 18.85   | ppb   |
| Phosphorus | 31-2  | -17.95   | -17.95   | 12.30    | -7.86      |         | ppb   |
| Potassium  | 39-2  | 927.30   | 913.02   | 957.63   | 932.65     | 2.44    | ppb   |
| Rhodium    | 103-1 |          |          |          | 106        |         | %     |
| Rhodium    | 103-2 |          |          |          | 102        |         | %     |
| Scandium   | 45-1  |          |          |          | 98         |         | %     |
| Scandium   | 45-2  |          |          |          | 90         |         | %     |
| Selenium   | 77-2  | 0.00     | 6.60     | 6.50     | 4.36       | 86.61   | ppb   |
| Selenium   | 78-2  | 2.09     | 3.16     | 2.07     | 2.44       | 25.58   | ppb   |
| Selenium   | 82-1  | 0.71     | 0.60     | 0.43     | 0.58       | 25.08   | ppb   |
| Silicon    | 28-1  | 2893.25  | 2772.18  | 3335.94  | 3000.46    | 9.89    | ppb   |
| Silver     | 109-1 | 0.02     | 0.02     | 0.02     | 0.02       | 17.02   | ppb   |
| Silver     | 107-1 | 0.03     | 0.02     | 0.03     | 0.03       | 6.77    | ppb   |
| Sodium     | 23-2  | 29739.02 | 29756.90 | 30244.52 | 29913.48   | 0.96    | ppb   |
| Strontium  | 86-1  | 60.07    | 58.52    | 58.34    | 58.98      | 1.61    | ppb   |
| Strontium  | 88-1  | 61.34    | 60.16    | 59.84    | 60.45      | 1.31    | ppb   |
| Sulfur     | 34-1  | 3656.06  | 3108.54  | 3054.52  | 3273.04    | 10.17   | ppb   |
| Terbium    | 159-1 |          |          |          | 113        |         | %     |
| Terbium    | 159-2 |          |          |          | 108        |         | %     |
| Thallium   | 203-1 | 0.01     | 0.00     | 0.01     | 0.01       | 51.97   | ppb   |
| Thallium   | 205-1 | 0.01     | 0.01     | 0.02     | 0.01       | 37.81   | ppb   |
| Tin        | 118-1 | 0.33     | 0.28     | 0.31     | 0.31       | 8.22    | ppb   |
| Titanium   | 47-1  | 4.23     | 4.25     | 4.23     | 4.24       | 0.29    | ppb   |
| Uranium    | 238-1 | 0.17     | 0.15     | 0.17     | 0.17       | 7.70    | ppb   |
| Vanadium   | 51-2  | 0.53     | 0.56     | 0.54     | 0.55       | 2.76    | ppb   |
| Yttrium    | 89-1  |          |          |          | 106        |         | %     |
| Yttrium    | 89-2  |          |          |          | 95         |         | %     |
| Zinc       | 66-2  | 15.82    | 15.54    | 15.34    | 15.57      | 1.57    | ppb   |

|                         |                     |                   |                     |
|-------------------------|---------------------|-------------------|---------------------|
| LB Number :             | LB97237             | Operator :        | Jaswal              |
| Lab Sample ID :         | J4379-22DLX5        | Instrumnet Name : | P8                  |
| Client Sample ID :      | MW-101SDL           | Dilution Factor : | 5                   |
| Date & Time Acquired :: | 2018-08-10 21:35:00 | DataFile Name :   | 149SMPL_P8081018-MS |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|-----------|------|---------|---------|---------|------------|---------|-------|
| Zirconium | 90-1 | 0.17    | 0.07    | 0.06    | 0.10       | 60.61   | ppb   |
| Zirconium | 91-1 | 0.07    | 0.07    | 0.05    | 0.06       | 12.97   | ppb   |

|                         |                     |                   |                     |
|-------------------------|---------------------|-------------------|---------------------|
| LB Number :             | LB97237             | Operator :        | Jaswal              |
| Lab Sample ID :         | J4379-23DLX5        | Instrumnet Name : | P8                  |
| Client Sample ID :      | MW-101IDL           | Dilution Factor : | 5                   |
| Date & Time Acquired :: | 2018-08-10 21:38:20 | DataFile Name :   | 150SMPL_P8081018-MS |

| Parameter  | Mass  | ConRep1  | ConRep2  | ConRep3  | Avg. Conc. | ConcRSD | Units |
|------------|-------|----------|----------|----------|------------|---------|-------|
| Aluminium  | 27-2  | 53.26    | 45.36    | 60.54    | 53.05      | 14.31   | ppb   |
| Antimony   | 121-1 | 0.21     | 0.24     | 0.22     | 0.22       | 7.04    | ppb   |
| Arsenic    | 75-2  | 0.17     | 0.34     | 0.20     | 0.23       | 38.52   | ppb   |
| Barium     | 135-1 | 20.31    | 19.67    | 19.61    | 19.86      | 1.96    | ppb   |
| Barium     | 137-1 | 20.29    | 20.23    | 20.20    | 20.24      | 0.23    | ppb   |
| Beryllium  | 9-1   | 0.03     | 0.06     | 0.03     | 0.04       | 37.78   | ppb   |
| Bismuth    | 209-1 |          |          |          | 115        |         | %     |
| Bismuth    | 209-2 |          |          |          | 104        |         | %     |
| Boron      | 10-1  | 63.35    | 61.01    | 58.56    | 60.97      | 3.93    | ppb   |
| Boron      | 11-1  | 62.31    | 62.54    | 63.10    | 62.65      | 0.65    | ppb   |
| Cadmium    | 111-1 | -0.09    | -0.06    | -0.15    | -0.10      |         | ppb   |
| Cadmium    | 106-1 | -1.25    | -0.78    | -2.12    | -1.38      |         | ppb   |
| Cadmium    | 108-1 | 0.10     | 0.16     | 0.01     | 0.09       | 79.71   | ppb   |
| Calcium    | 43-1  | 10061.04 | 10015.20 | 10032.46 | 10036.23   | 0.23    | ppb   |
| Calcium    | 44-1  | 10385.40 | 10203.67 | 10000.08 | 10196.38   | 1.89    | ppb   |
| Chromium   | 52-2  | 0.71     | 0.83     | 0.74     | 0.76       | 8.06    | ppb   |
| Cobalt     | 59-2  | 0.02     | 0.03     | 0.03     | 0.03       | 18.51   | ppb   |
| Copper     | 63-2  | 1.04     | 1.01     | 1.20     | 1.08       | 9.22    | ppb   |
| Dysprosium | 156-1 |          |          |          |            |         | cps   |
| Dysprosium | 156-2 |          |          |          |            |         | cps   |
| Erbium     | 164-1 |          |          |          |            |         | cps   |
| Erbium     | 164-2 |          |          |          |            |         | cps   |
| Gadolinium | 160-1 |          |          |          |            |         | cps   |
| Gadolinium | 160-2 |          |          |          |            |         | cps   |
| Holmium    | 165-1 |          |          |          | 114        |         | %     |
| Holmium    | 165-2 |          |          |          | 106        |         | %     |
| Indium     | 115-1 |          |          |          | 110        |         | %     |
| Indium     | 115-2 |          |          |          | 97         |         | %     |
| Iron       | 56-2  | 133.47   | 132.47   | 146.74   | 137.56     | 5.79    | ppb   |
| Iron       | 57-2  | 133.43   | 146.52   | 149.08   | 143.01     | 5.87    | ppb   |
| Krypton    | 83-1  |          |          |          |            |         | cps   |
| Lead       | 206-1 | 1.52     | 1.58     | 1.55     | 1.55       | 2.09    | ppb   |
| Lead       | 207-1 | 1.40     | 1.48     | 1.44     | 1.44       | 2.77    | ppb   |
| Lead       | 208-1 | 1.44     | 1.48     | 1.46     | 1.46       | 1.51    | ppb   |
| Lithium    | 6-1   |          |          |          | 107        |         | %     |
| Magnesium  | 24-2  | 10425.64 | 10424.02 | 11662.18 | 10837.28   | 6.59    | ppb   |

|                         |                     |                   |                     |
|-------------------------|---------------------|-------------------|---------------------|
| LB Number :             | LB97237             | Operator :        | Jaswal              |
| Lab Sample ID :         | J4379-23DLX5        | Instrumnet Name : | P8                  |
| Client Sample ID :      | MW-101IDL           | Dilution Factor : | 5                   |
| Date & Time Acquired :: | 2018-08-10 21:38:20 | DataFile Name :   | 150SMPL_P8081018-MS |

| Parameter  | Mass  | ConRep1  | ConRep2  | ConRep3  | Avg. Conc. | ConcRSD | Units |
|------------|-------|----------|----------|----------|------------|---------|-------|
| Manganese  | 55-2  | 2.48     | 3.28     | 3.86     | 3.21       | 21.58   | ppb   |
| Molybdenum | 94-1  | 0.23     | 0.22     | 0.19     | 0.21       | 8.06    | ppb   |
| Molybdenum | 95-1  | 0.18     | 0.11     | 0.18     | 0.16       | 26.40   | ppb   |
| Molybdenum | 96-1  | 0.18     | 0.18     | 0.17     | 0.18       | 5.19    | ppb   |
| Molybdenum | 97-1  | 0.19     | 0.26     | 0.19     | 0.21       | 18.84   | ppb   |
| Molybdenum | 98-1  | 0.17     | 0.20     | 0.20     | 0.19       | 8.34    | ppb   |
| Neodymium  | 150-1 |          |          |          |            |         | cps   |
| Neodymium  | 150-2 |          |          |          |            |         | cps   |
| Nickel     | 60-2  | 0.13     | 0.22     | 0.12     | 0.16       | 33.76   | ppb   |
| Phosphorus | 31-2  | 11.68    | 40.88    | -17.95   | 11.54      | 254.93  | ppb   |
| Potassium  | 39-2  | 2310.15  | 2264.10  | 2644.79  | 2406.34    | 8.63    | ppb   |
| Rhodium    | 103-1 |          |          |          | 107        |         | %     |
| Rhodium    | 103-2 |          |          |          | 101        |         | %     |
| Scandium   | 45-1  |          |          |          | 100        |         | %     |
| Scandium   | 45-2  |          |          |          | 89         |         | %     |
| Selenium   | 77-2  | 0.00     | 0.00     | 0.00     | 0.00       | N/A     | ppb   |
| Selenium   | 78-2  | 1.02     | 2.05     | 0.00     | 1.02       | 100.01  | ppb   |
| Selenium   | 82-1  | 0.16     | -0.22    | 0.81     | 0.25       | 210.55  | ppb   |
| Silicon    | 28-1  | 1773.56  | 1745.68  | 1706.96  | 1742.06    | 1.92    | ppb   |
| Silver     | 109-1 | 0.03     | 0.03     | 0.03     | 0.03       | 2.13    | ppb   |
| Silver     | 107-1 | 0.03     | 0.02     | 0.03     | 0.03       | 9.58    | ppb   |
| Sodium     | 23-2  | 10530.71 | 10505.70 | 11709.05 | 10915.15   | 6.30    | ppb   |
| Strontium  | 86-1  | 62.70    | 61.09    | 62.05    | 61.95      | 1.30    | ppb   |
| Strontium  | 88-1  | 64.09    | 62.96    | 63.51    | 63.52      | 0.88    | ppb   |
| Sulfur     | 34-1  | 2337.82  | 2100.32  | 2040.12  | 2159.42    | 7.29    | ppb   |
| Terbium    | 159-1 |          |          |          | 115        |         | %     |
| Terbium    | 159-2 |          |          |          | 105        |         | %     |
| Thallium   | 203-1 | -0.01    | 0.00     | 0.00     | -0.01      |         | ppb   |
| Thallium   | 205-1 | 0.00     | 0.00     | 0.00     | 0.00       | 23.83   | ppb   |
| Tin        | 118-1 | 0.34     | 0.28     | 0.28     | 0.30       | 11.43   | ppb   |
| Titanium   | 47-1  | 2.79     | 2.71     | 2.93     | 2.81       | 3.90    | ppb   |
| Uranium    | 238-1 | 0.33     | 0.32     | 0.33     | 0.33       | 1.34    | ppb   |
| Vanadium   | 51-2  | 0.59     | 0.68     | 0.62     | 0.63       | 7.15    | ppb   |
| Yttrium    | 89-1  |          |          |          | 107        |         | %     |
| Yttrium    | 89-2  |          |          |          | 94         |         | %     |
| Zinc       | 66-2  | 21.00    | 18.26    | 20.91    | 20.05      | 7.77    | ppb   |

|                         |                     |                   |                     |
|-------------------------|---------------------|-------------------|---------------------|
| LB Number :             | LB97237             | Operator :        | Jaswal              |
| Lab Sample ID :         | J4379-23DLX5        | Instrumnet Name : | P8                  |
| Client Sample ID :      | MW-101IDL           | Dilution Factor : | 5                   |
| Date & Time Acquired :: | 2018-08-10 21:38:20 | DataFile Name :   | 150SMPL_P8081018-MS |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|-----------|------|---------|---------|---------|------------|---------|-------|
| Zirconium | 90-1 | 0.05    | 0.62    | 0.05    | 0.24       | 137.10  | ppb   |
| Zirconium | 91-1 | 0.04    | 0.03    | 0.08    | 0.05       | 53.50   | ppb   |

|                         |                     |                   |                      |
|-------------------------|---------------------|-------------------|----------------------|
| LB Number :             | LB97237             | Operator :        | Jaswal               |
| Lab Sample ID :         | CCV02               | Instrumnet Name : | P8                   |
| Client Sample ID :      | CCV02               | Dilution Factor : | 1                    |
| Date & Time Acquired :: | 2018-08-10 21:41:41 | DataFile Name :   | 151CCV_P8081018-MS.I |

| Parameter  | Mass  | ConRep1   | ConRep2   | ConRep3   | Avg. Conc. | ConcRSD | Units |
|------------|-------|-----------|-----------|-----------|------------|---------|-------|
| Aluminium  | 27-2  | 51509.57  | 51697.73  | 50169.67  | 51125.66   | 1.63    | ppb   |
| Antimony   | 121-1 | 475.51    | 459.73    | 475.89    | 470.38     | 1.96    | ppb   |
| Arsenic    | 75-2  | 472.37    | 472.01    | 468.10    | 470.82     | 0.50    | ppb   |
| Barium     | 135-1 | 2522.04   | 2424.37   | 2450.33   | 2465.58    | 2.05    | ppb   |
| Barium     | 137-1 | 2489.44   | 2416.34   | 2468.66   | 2458.15    | 1.53    | ppb   |
| Beryllium  | 9-1   | 495.57    | 477.16    | 482.03    | 484.92     | 1.97    | ppb   |
| Bismuth    | 209-1 |           |           |           | 108        |         | %     |
| Bismuth    | 209-2 |           |           |           | 107        |         | %     |
| Boron      | 10-1  | 486.39    | 467.65    | 491.59    | 481.88     | 2.61    | ppb   |
| Boron      | 11-1  | 491.37    | 476.28    | 494.24    | 487.30     | 1.98    | ppb   |
| Cadmium    | 111-1 | 473.19    | 460.73    | 461.79    | 465.23     | 1.49    | ppb   |
| Cadmium    | 106-1 | 482.97    | 467.25    | 468.82    | 473.01     | 1.83    | ppb   |
| Cadmium    | 108-1 | 482.39    | 462.93    | 474.09    | 473.14     | 2.06    | ppb   |
| Calcium    | 43-1  | 243520.97 | 235356.68 | 236290.39 | 238389.35  | 1.87    | ppb   |
| Calcium    | 44-1  | 240400.00 | 234258.40 | 235464.61 | 236707.67  | 1.37    | ppb   |
| Chromium   | 52-2  | 513.61    | 514.01    | 502.02    | 509.88     | 1.34    | ppb   |
| Cobalt     | 59-2  | 496.67    | 494.60    | 485.98    | 492.42     | 1.15    | ppb   |
| Copper     | 63-2  | 975.23    | 978.50    | 959.23    | 970.99     | 1.06    | ppb   |
| Dysprosium | 156-1 |           |           |           |            |         | cps   |
| Dysprosium | 156-2 |           |           |           |            |         | cps   |
| Erbium     | 164-1 |           |           |           |            |         | cps   |
| Erbium     | 164-2 |           |           |           |            |         | cps   |
| Gadolinium | 160-1 |           |           |           |            |         | cps   |
| Gadolinium | 160-2 |           |           |           |            |         | cps   |
| Holmium    | 165-1 |           |           |           | 114        |         | %     |
| Holmium    | 165-2 |           |           |           | 116        |         | %     |
| Indium     | 115-1 |           |           |           | 107        |         | %     |
| Indium     | 115-2 |           |           |           | 103        |         | %     |
| Iron       | 56-2  | 131559.64 | 131094.65 | 128865.05 | 130506.45  | 1.10    | ppb   |
| Iron       | 57-2  | 132275.89 | 131831.63 | 130728.34 | 131611.95  | 0.61    | ppb   |
| Krypton    | 83-1  |           |           |           |            |         | cps   |
| Lead       | 206-1 | 523.75    | 506.01    | 512.62    | 514.12     | 1.74    | ppb   |
| Lead       | 207-1 | 530.89    | 507.40    | 507.09    | 515.13     | 2.65    | ppb   |
| Lead       | 208-1 | 527.79    | 501.54    | 507.40    | 512.24     | 2.69    | ppb   |
| Lithium    | 6-1   |           |           |           | 102        |         | %     |
| Magnesium  | 24-2  | 247434.64 | 249595.20 | 246186.95 | 247738.93  | 0.70    | ppb   |

|                         |                     |                   |                      |
|-------------------------|---------------------|-------------------|----------------------|
| LB Number :             | LB97237             | Operator :        | Jaswal               |
| Lab Sample ID :         | CCV02               | Instrumnet Name : | P8                   |
| Client Sample ID :      | CCV02               | Dilution Factor : | 1                    |
| Date & Time Acquired :: | 2018-08-10 21:41:41 | DataFile Name :   | 151CCV_P8081018-MS.I |

| Parameter  | Mass  | ConRep1   | ConRep2   | ConRep3   | Avg. Conc. | ConcRSD | Units |
|------------|-------|-----------|-----------|-----------|------------|---------|-------|
| Manganese  | 55-2  | 988.95    | 982.91    | 972.19    | 981.35     | 0.86    | ppb   |
| Molybdenum | 94-1  | 2549.94   | 2456.23   | 2468.95   | 2491.71    | 2.04    | ppb   |
| Molybdenum | 95-1  | 2548.03   | 2462.26   | 2490.62   | 2500.30    | 1.75    | ppb   |
| Molybdenum | 96-1  | 2540.62   | 2431.52   | 2465.21   | 2479.12    | 2.25    | ppb   |
| Molybdenum | 97-1  | 2586.39   | 2478.14   | 2493.69   | 2519.41    | 2.32    | ppb   |
| Molybdenum | 98-1  | 2592.40   | 2479.03   | 2502.03   | 2524.48    | 2.37    | ppb   |
| Neodymium  | 150-1 |           |           |           |            |         | cps   |
| Neodymium  | 150-2 |           |           |           |            |         | cps   |
| Nickel     | 60-2  | 506.02    | 504.16    | 496.11    | 502.09     | 1.05    | ppb   |
| Phosphorus | 31-2  | 10007.12  | 9833.66   | 9397.51   | 9746.09    | 3.22    | ppb   |
| Potassium  | 39-2  | 122353.97 | 122848.05 | 119068.58 | 121423.53  | 1.69    | ppb   |
| Rhodium    | 103-1 |           |           |           | 103        |         | %     |
| Rhodium    | 103-2 |           |           |           | 103        |         | %     |
| Scandium   | 45-1  |           |           |           | 105        |         | %     |
| Scandium   | 45-2  |           |           |           | 101        |         | %     |
| Selenium   | 77-2  | 480.26    | 494.15    | 516.94    | 497.12     | 3.72    | ppb   |
| Selenium   | 78-2  | 500.55    | 440.41    | 442.37    | 461.11     | 7.41    | ppb   |
| Selenium   | 82-1  | 487.10    | 463.61    | 475.66    | 475.46     | 2.47    | ppb   |
| Silicon    | 28-1  | 517.83    | 500.49    | 501.47    | 506.60     | 1.92    | ppb   |
| Silver     | 109-1 | 483.26    | 471.63    | 474.66    | 476.52     | 1.27    | ppb   |
| Silver     | 107-1 | 485.02    | 468.07    | 474.37    | 475.82     | 1.80    | ppb   |
| Sodium     | 23-2  | 247763.40 | 247578.06 | 243573.42 | 246304.96  | 0.96    | ppb   |
| Strontium  | 86-1  | 497.67    | 475.60    | 482.43    | 485.23     | 2.33    | ppb   |
| Strontium  | 88-1  | 515.33    | 491.02    | 491.60    | 499.32     | 2.78    | ppb   |
| Sulfur     | 34-1  | 8644.94   | 8122.38   | 8204.79   | 8324.04    | 3.38    | ppb   |
| Terbium    | 159-1 |           |           |           | 114        |         | %     |
| Terbium    | 159-2 |           |           |           | 114        |         | %     |
| Thallium   | 203-1 | 530.70    | 499.65    | 514.45    | 514.93     | 3.02    | ppb   |
| Thallium   | 205-1 | 519.93    | 495.61    | 500.78    | 505.44     | 2.53    | ppb   |
| Tin        | 118-1 | 504.66    | 485.99    | 492.39    | 494.35     | 1.92    | ppb   |
| Titanium   | 47-1  | 2534.29   | 2461.91   | 2478.62   | 2491.60    | 1.52    | ppb   |
| Uranium    | 238-1 | 525.31    | 499.77    | 505.48    | 510.19     | 2.63    | ppb   |
| Vanadium   | 51-2  | 498.34    | 498.52    | 489.11    | 495.32     | 1.09    | ppb   |
| Yttrium    | 89-1  |           |           |           | 109        |         | %     |
| Yttrium    | 89-2  |           |           |           | 104        |         | %     |
| Zinc       | 66-2  | 956.98    | 959.33    | 947.48    | 954.60     | 0.66    | ppb   |



|                         |                     |                   |                      |
|-------------------------|---------------------|-------------------|----------------------|
| LB Number :             | LB97237             | Operator :        | Jaswal               |
| Lab Sample ID :         | CCV02               | Instrumnet Name : | P8                   |
| Client Sample ID :      | CCV02               | Dilution Factor : | 1                    |
| Date & Time Acquired :: | 2018-08-10 21:41:41 | DataFile Name :   | 151CCV_P8081018-MS.I |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|-----------|------|---------|---------|---------|------------|---------|-------|
| Zirconium | 90-1 | 506.17  | 493.24  | 493.34  | 497.58     | 1.49    | ppb   |
| Zirconium | 91-1 | 510.48  | 492.95  | 500.46  | 501.30     | 1.75    | ppb   |

|                         |                     |                   |                     |
|-------------------------|---------------------|-------------------|---------------------|
| LB Number :             | LB97237             | Operator :        | Jaswal              |
| Lab Sample ID :         | CCB02               | Instrumnet Name : | P8                  |
| Client Sample ID :      | CCB02               | Dilution Factor : | 1                   |
| Date & Time Acquired :: | 2018-08-10 21:44:53 | DataFile Name :   | 152CCBE_P8081018-M5 |

| Parameter  | Mass  | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|------------|-------|---------|---------|---------|------------|---------|-------|
| Aluminium  | 27-2  | 0.39    | -1.64   | 0.40    | -0.28      |         | ppb   |
| Antimony   | 121-1 | 1.00    | 0.95    | 0.83    | 0.93       | 9.47    | ppb   |
| Arsenic    | 75-2  | 0.00    | 0.07    | 0.05    | 0.04       | 94.16   | ppb   |
| Barium     | 135-1 | 0.04    | 0.04    | 0.03    | 0.04       | 23.37   | ppb   |
| Barium     | 137-1 | 0.02    | 0.06    | 0.00    | 0.03       | 105.51  | ppb   |
| Beryllium  | 9-1   | 0.23    | 0.29    | 0.22    | 0.25       | 14.38   | ppb   |
| Bismuth    | 209-1 |         |         |         | 114        |         | %     |
| Bismuth    | 209-2 |         |         |         | 110        |         | %     |
| Boron      | 10-1  | 22.66   | 21.08   | 19.82   | 21.19      | 6.72    | ppb   |
| Boron      | 11-1  | 24.09   | 22.50   | 19.68   | 22.09      | 10.11   | ppb   |
| Cadmium    | 111-1 | 0.03    | 0.00    | 0.02    | 0.02       | 105.89  | ppb   |
| Cadmium    | 106-1 | -0.09   | -0.45   | -0.27   | -0.27      |         | ppb   |
| Cadmium    | 108-1 | 0.10    | 0.19    | 0.01    | 0.10       | 87.05   | ppb   |
| Calcium    | 43-1  | 10.71   | -0.19   | 1.28    | 3.93       | 150.50  | ppb   |
| Calcium    | 44-1  | -7.64   | -5.80   | -9.85   | -7.76      |         | ppb   |
| Chromium   | 52-2  | -0.01   | 0.09    | -0.03   | 0.02       | 410.70  | ppb   |
| Cobalt     | 59-2  | -0.01   | -0.01   | -0.02   | -0.01      |         | ppb   |
| Copper     | 63-2  | -0.62   | -0.55   | -0.57   | -0.58      |         | ppb   |
| Dysprosium | 156-1 |         |         |         |            |         | cps   |
| Dysprosium | 156-2 |         |         |         |            |         | cps   |
| Erbium     | 164-1 |         |         |         |            |         | cps   |
| Erbium     | 164-2 |         |         |         |            |         | cps   |
| Gadolinium | 160-1 |         |         |         |            |         | cps   |
| Gadolinium | 160-2 |         |         |         |            |         | cps   |
| Holmium    | 165-1 |         |         |         | 113        |         | %     |
| Holmium    | 165-2 |         |         |         | 113        |         | %     |
| Indium     | 115-1 |         |         |         | 111        |         | %     |
| Indium     | 115-2 |         |         |         | 105        |         | %     |
| Iron       | 56-2  | 3.71    | 3.26    | 2.53    | 3.17       | 18.91   | ppb   |
| Iron       | 57-2  | 8.51    | 2.83    | 2.35    | 4.57       | 75.01   | ppb   |
| Krypton    | 83-1  |         |         |         |            |         | cps   |
| Lead       | 206-1 | 0.01    | 0.02    | 0.01    | 0.01       | 34.34   | ppb   |
| Lead       | 207-1 | 0.01    | 0.02    | 0.01    | 0.01       | 22.92   | ppb   |
| Lead       | 208-1 | 0.01    | 0.01    | 0.00    | 0.01       | 49.44   | ppb   |
| Lithium    | 6-1   |         |         |         | 104        |         | %     |
| Magnesium  | 24-2  | 5.44    | 7.19    | 6.25    | 6.29       | 13.91   | ppb   |

|                         |                     |                   |                     |
|-------------------------|---------------------|-------------------|---------------------|
| LB Number :             | LB97237             | Operator :        | Jaswal              |
| Lab Sample ID :         | CCB02               | Instrumnet Name : | P8                  |
| Client Sample ID :      | CCB02               | Dilution Factor : | 1                   |
| Date & Time Acquired :: | 2018-08-10 21:44:53 | DataFile Name :   | 152CCBE_P8081018-M5 |

| Parameter  | Mass  | ConRep1  | ConRep2  | ConRep3  | Avg. Conc. | ConcRSD | Units |
|------------|-------|----------|----------|----------|------------|---------|-------|
| Manganese  | 55-2  | -0.44    | -0.50    | -0.42    | -0.45      |         | ppb   |
| Molybdenum | 94-1  | 0.99     | 0.81     | 0.80     | 0.87       | 12.45   | ppb   |
| Molybdenum | 95-1  | 1.15     | 0.90     | 0.78     | 0.94       | 20.10   | ppb   |
| Molybdenum | 96-1  | 1.01     | 0.87     | 0.81     | 0.90       | 11.78   | ppb   |
| Molybdenum | 97-1  | 1.08     | 0.89     | 0.74     | 0.90       | 19.23   | ppb   |
| Molybdenum | 98-1  | 1.00     | 0.87     | 0.79     | 0.89       | 11.96   | ppb   |
| Neodymium  | 150-1 |          |          |          |            |         | cps   |
| Neodymium  | 150-2 |          |          |          |            |         | cps   |
| Nickel     | 60-2  | -0.08    | -0.13    | -0.14    | -0.12      |         | ppb   |
| Phosphorus | 31-2  | 38.01    | -17.95   | 10.25    | 10.10      | 276.86  | ppb   |
| Potassium  | 39-2  | -12.01   | 8.50     | -0.58    | -1.36      |         | ppb   |
| Rhodium    | 103-1 |          |          |          | 108        |         | %     |
| Rhodium    | 103-2 |          |          |          | 107        |         | %     |
| Scandium   | 45-1  |          |          |          | 104        |         | %     |
| Scandium   | 45-2  |          |          |          | 97         |         | %     |
| Selenium   | 77-2  | 0.00     | 0.00     | 0.00     | 0.00       | N/A     | ppb   |
| Selenium   | 78-2  | 0.00     | 0.98     | 0.98     | 0.65       | 86.60   | ppb   |
| Selenium   | 82-1  | 0.00     | 0.53     | 0.26     | 0.27       | 99.21   | ppb   |
| Silicon    | 28-1  | -16.08   | -16.63   | -20.32   | -17.68     |         | ppb   |
| Silver     | 109-1 | 0.06     | 0.03     | 0.04     | 0.04       | 31.73   | ppb   |
| Silver     | 107-1 | 0.05     | 0.04     | 0.04     | 0.04       | 18.01   | ppb   |
| Sodium     | 23-2  | 87.20    | 92.72    | 86.17    | 88.70      | 3.97    | ppb   |
| Strontium  | 86-1  | 0.01     | -0.08    | -0.05    | -0.04      |         | ppb   |
| Strontium  | 88-1  | 0.02     | 0.01     | 0.01     | 0.01       | 52.74   | ppb   |
| Sulfur     | 34-1  | -1280.56 | -1094.60 | -1757.71 | -1377.62   |         | ppb   |
| Terbium    | 159-1 |          |          |          | 113        |         | %     |
| Terbium    | 159-2 |          |          |          | 111        |         | %     |
| Thallium   | 203-1 | 0.08     | 0.09     | 0.08     | 0.09       | 2.05    | ppb   |
| Thallium   | 205-1 | 0.11     | 0.10     | 0.09     | 0.10       | 11.13   | ppb   |
| Tin        | 118-1 | 0.34     | 0.25     | 0.25     | 0.28       | 19.69   | ppb   |
| Titanium   | 47-1  | 0.08     | 0.09     | 0.08     | 0.08       | 7.32    | ppb   |
| Uranium    | 238-1 | 0.01     | 0.01     | 0.01     | 0.01       | 14.84   | ppb   |
| Vanadium   | 51-2  | -0.01    | 0.00     | 0.00     | 0.00       |         | ppb   |
| Yttrium    | 89-1  |          |          |          | 108        |         | %     |
| Yttrium    | 89-2  |          |          |          | 101        |         | %     |
| Zinc       | 66-2  | 0.03     | -0.15    | -0.12    | -0.08      |         | ppb   |

|                         |                     |                   |                     |
|-------------------------|---------------------|-------------------|---------------------|
| LB Number :             | LB97237             | Operator :        | Jaswal              |
| Lab Sample ID :         | CCB02               | Instrumnet Name : | P8                  |
| Client Sample ID :      | CCB02               | Dilution Factor : | 1                   |
| Date & Time Acquired :: | 2018-08-10 21:44:53 | DataFile Name :   | 152CCBE_P8081018-MS |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|-----------|------|---------|---------|---------|------------|---------|-------|
| Zirconium | 90-1 | 0.16    | 0.14    | 0.15    | 0.15       | 5.99    | ppb   |
| Zirconium | 91-1 | 0.20    | 0.18    | 0.12    | 0.17       | 25.30   | ppb   |

|                         |                     |                   |                     |
|-------------------------|---------------------|-------------------|---------------------|
| LB Number :             | LB97237             | Operator :        | Jaswal              |
| Lab Sample ID :         | J4379-24DLX25       | Instrumnet Name : | P8                  |
| Client Sample ID :      | MW-101DDL           | Dilution Factor : | 25                  |
| Date & Time Acquired :: | 2018-08-10 21:48:14 | DataFile Name :   | 153SMPL_P8081018-MS |

| Parameter  | Mass  | ConRep1  | ConRep2  | ConRep3  | Avg. Conc. | ConcRSD | Units |
|------------|-------|----------|----------|----------|------------|---------|-------|
| Aluminium  | 27-2  | 52.59    | 59.39    | 48.42    | 53.46      | 10.36   | ppb   |
| Antimony   | 121-1 | 0.70     | 0.68     | 0.56     | 0.65       | 11.36   | ppb   |
| Arsenic    | 75-2  | 0.15     | 0.19     | 0.26     | 0.20       | 28.66   | ppb   |
| Barium     | 135-1 | 23.04    | 21.79    | 21.43    | 22.09      | 3.84    | ppb   |
| Barium     | 137-1 | 22.77    | 22.17    | 22.01    | 22.31      | 1.80    | ppb   |
| Beryllium  | 9-1   | 0.17     | 0.17     | 0.13     | 0.16       | 13.88   | ppb   |
| Bismuth    | 209-1 |          |          |          | 113        |         | %     |
| Bismuth    | 209-2 |          |          |          | 108        |         | %     |
| Boron      | 10-1  | 83.83    | 82.50    | 80.10    | 82.14      | 2.30    | ppb   |
| Boron      | 11-1  | 86.44    | 81.40    | 84.36    | 84.07      | 3.01    | ppb   |
| Cadmium    | 111-1 | -0.11    | 0.05     | -0.05    | -0.03      |         | ppb   |
| Cadmium    | 106-1 | -1.93    | 0.44     | -1.37    | -0.95      |         | ppb   |
| Cadmium    | 108-1 | 0.05     | 0.10     | 0.04     | 0.06       | 51.37   | ppb   |
| Calcium    | 43-1  | 12439.40 | 11611.38 | 11443.20 | 11831.33   | 4.51    | ppb   |
| Calcium    | 44-1  | 12473.55 | 11870.90 | 11566.45 | 11970.30   | 3.86    | ppb   |
| Chromium   | 52-2  | 0.76     | 0.73     | 0.68     | 0.72       | 5.44    | ppb   |
| Cobalt     | 59-2  | 0.13     | 0.10     | 0.10     | 0.11       | 14.94   | ppb   |
| Copper     | 63-2  | 0.74     | 0.74     | 0.78     | 0.75       | 2.81    | ppb   |
| Dysprosium | 156-1 |          |          |          |            |         | cps   |
| Dysprosium | 156-2 |          |          |          |            |         | cps   |
| Erbium     | 164-1 |          |          |          |            |         | cps   |
| Erbium     | 164-2 |          |          |          |            |         | cps   |
| Gadolinium | 160-1 |          |          |          |            |         | cps   |
| Gadolinium | 160-2 |          |          |          |            |         | cps   |
| Holmium    | 165-1 |          |          |          | 112        |         | %     |
| Holmium    | 165-2 |          |          |          | 109        |         | %     |
| Indium     | 115-1 |          |          |          | 108        |         | %     |
| Indium     | 115-2 |          |          |          | 100        |         | %     |
| Iron       | 56-2  | 110.98   | 113.81   | 108.03   | 110.94     | 2.61    | ppb   |
| Iron       | 57-2  | 109.06   | 121.26   | 105.45   | 111.92     | 7.40    | ppb   |
| Krypton    | 83-1  |          |          |          |            |         | cps   |
| Lead       | 206-1 | 1.21     | 1.11     | 1.19     | 1.17       | 4.54    | ppb   |
| Lead       | 207-1 | 1.11     | 1.03     | 1.01     | 1.05       | 4.74    | ppb   |
| Lead       | 208-1 | 1.14     | 1.08     | 1.06     | 1.09       | 3.60    | ppb   |
| Lithium    | 6-1   |          |          |          | 101        |         | %     |
| Magnesium  | 24-2  | 10650.28 | 10658.18 | 10594.74 | 10634.40   | 0.33    | ppb   |

|                         |                     |                   |                     |
|-------------------------|---------------------|-------------------|---------------------|
| LB Number :             | LB97237             | Operator :        | Jaswal              |
| Lab Sample ID :         | J4379-24DLX25       | Instrumnet Name : | P8                  |
| Client Sample ID :      | MW-101DDL           | Dilution Factor : | 25                  |
| Date & Time Acquired :: | 2018-08-10 21:48:14 | DataFile Name :   | 153SMPL_P8081018-MS |

| Parameter  | Mass  | ConRep1  | ConRep2  | ConRep3  | Avg. Conc. | ConcRSD | Units |
|------------|-------|----------|----------|----------|------------|---------|-------|
| Manganese  | 55-2  | 3.98     | 3.99     | 4.58     | 4.18       | 8.19    | ppb   |
| Molybdenum | 94-1  | 0.67     | 0.60     | 0.52     | 0.59       | 12.64   | ppb   |
| Molybdenum | 95-1  | 0.39     | 0.33     | 0.29     | 0.34       | 14.14   | ppb   |
| Molybdenum | 96-1  | 0.37     | 0.32     | 0.35     | 0.35       | 7.60    | ppb   |
| Molybdenum | 97-1  | 0.35     | 0.30     | 0.30     | 0.32       | 8.69    | ppb   |
| Molybdenum | 98-1  | 0.37     | 0.32     | 0.30     | 0.33       | 10.82   | ppb   |
| Neodymium  | 150-1 |          |          |          |            |         | cps   |
| Neodymium  | 150-2 |          |          |          |            |         | cps   |
| Nickel     | 60-2  | 0.25     | 0.12     | 0.19     | 0.19       | 34.75   | ppb   |
| Phosphorus | 31-2  | 11.60    | 11.78    | 40.71    | 21.36      | 78.42   | ppb   |
| Potassium  | 39-2  | 4472.38  | 4409.78  | 4360.30  | 4414.15    | 1.27    | ppb   |
| Rhodium    | 103-1 |          |          |          | 104        |         | %     |
| Rhodium    | 103-2 |          |          |          | 103        |         | %     |
| Scandium   | 45-1  |          |          |          | 99         |         | %     |
| Scandium   | 45-2  |          |          |          | 92         |         | %     |
| Selenium   | 77-2  | 0.00     | 6.38     | 0.00     | 2.13       | 173.21  | ppb   |
| Selenium   | 78-2  | 1.03     | 0.00     | 0.00     | 0.34       | 173.21  | ppb   |
| Selenium   | 82-1  | 0.05     | 0.79     | 0.15     | 0.33       | 122.77  | ppb   |
| Silicon    | 28-1  | 1869.61  | 1761.73  | 1706.09  | 1779.14    | 4.67    | ppb   |
| Silver     | 109-1 | 0.11     | 0.07     | 0.10     | 0.09       | 21.20   | ppb   |
| Silver     | 107-1 | 0.10     | 0.11     | 0.08     | 0.09       | 15.88   | ppb   |
| Sodium     | 23-2  | 67040.08 | 66719.78 | 66034.85 | 66598.24   | 0.77    | ppb   |
| Strontium  | 86-1  | 155.22   | 146.47   | 145.05   | 148.91     | 3.70    | ppb   |
| Strontium  | 88-1  | 162.34   | 154.35   | 151.54   | 156.07     | 3.59    | ppb   |
| Sulfur     | 34-1  | 7551.07  | 6391.18  | 5795.72  | 6579.32    | 13.57   | ppb   |
| Terbium    | 159-1 |          |          |          | 112        |         | %     |
| Terbium    | 159-2 |          |          |          | 109        |         | %     |
| Thallium   | 203-1 | 0.13     | 0.11     | 0.08     | 0.11       | 22.61   | ppb   |
| Thallium   | 205-1 | 0.13     | 0.12     | 0.11     | 0.12       | 11.08   | ppb   |
| Tin        | 118-1 | 0.47     | 0.42     | 0.46     | 0.45       | 5.87    | ppb   |
| Titanium   | 47-1  | 2.68     | 2.40     | 2.38     | 2.49       | 6.62    | ppb   |
| Uranium    | 238-1 | 0.12     | 0.12     | 0.13     | 0.12       | 1.84    | ppb   |
| Vanadium   | 51-2  | 0.35     | 0.48     | 0.47     | 0.43       | 17.59   | ppb   |
| Yttrium    | 89-1  |          |          |          | 105        |         | %     |
| Yttrium    | 89-2  |          |          |          | 97         |         | %     |
| Zinc       | 66-2  | 18.39    | 19.28    | 16.98    | 18.22      | 6.38    | ppb   |

|                         |                     |                   |                     |
|-------------------------|---------------------|-------------------|---------------------|
| LB Number :             | LB97237             | Operator :        | Jaswal              |
| Lab Sample ID :         | J4379-24DLX25       | Instrumnet Name : | P8                  |
| Client Sample ID :      | MW-101DDL           | Dilution Factor : | 25                  |
| Date & Time Acquired :: | 2018-08-10 21:48:14 | DataFile Name :   | 153SMPL_P8081018-MS |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|-----------|------|---------|---------|---------|------------|---------|-------|
| Zirconium | 90-1 | 0.25    | 0.22    | 0.19    | 0.22       | 14.28   | ppb   |
| Zirconium | 91-1 | 0.25    | 0.27    | 0.32    | 0.28       | 14.16   | ppb   |

|                         |                     |                   |                     |
|-------------------------|---------------------|-------------------|---------------------|
| LB Number :             | LB97237             | Operator :        | Jaswal              |
| Lab Sample ID :         | J4379-25DLX25       | Instrumnet Name : | P8                  |
| Client Sample ID :      | MW-103DDL           | Dilution Factor : | 25                  |
| Date & Time Acquired :: | 2018-08-10 21:51:34 | DataFile Name :   | 154SMPL_P8081018-MS |

| Parameter  | Mass  | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|------------|-------|---------|---------|---------|------------|---------|-------|
| Aluminium  | 27-2  | 6.20    | 7.31    | 7.83    | 7.11       | 11.65   | ppb   |
| Antimony   | 121-1 | 0.30    | 0.30    | 0.29    | 0.30       | 1.64    | ppb   |
| Arsenic    | 75-2  | 0.52    | 0.49    | 0.40    | 0.47       | 13.74   | ppb   |
| Barium     | 135-1 | 10.02   | 9.91    | 9.95    | 9.96       | 0.53    | ppb   |
| Barium     | 137-1 | 10.34   | 9.86    | 9.78    | 9.99       | 3.03    | ppb   |
| Beryllium  | 9-1   | 0.11    | 0.10    | 0.06    | 0.09       | 30.22   | ppb   |
| Bismuth    | 209-1 |         |         |         | 115        |         | %     |
| Bismuth    | 209-2 |         |         |         | 107        |         | %     |
| Boron      | 10-1  | 98.11   | 96.60   | 94.57   | 96.43      | 1.84    | ppb   |
| Boron      | 11-1  | 101.14  | 96.02   | 95.08   | 97.41      | 3.35    | ppb   |
| Cadmium    | 111-1 | -0.07   | -0.05   | -0.09   | -0.07      |         | ppb   |
| Cadmium    | 106-1 | -0.99   | -0.75   | -1.31   | -1.02      |         | ppb   |
| Cadmium    | 108-1 | 0.17    | 0.10    | 0.10    | 0.12       | 32.05   | ppb   |
| Calcium    | 43-1  | 1419.74 | 1343.22 | 1344.60 | 1369.19    | 3.20    | ppb   |
| Calcium    | 44-1  | 1392.48 | 1325.94 | 1310.09 | 1342.84    | 3.26    | ppb   |
| Chromium   | 52-2  | 0.00    | 0.10    | 0.04    | 0.05       | 104.12  | ppb   |
| Cobalt     | 59-2  | 0.11    | 0.13    | 0.13    | 0.12       | 10.72   | ppb   |
| Copper     | 63-2  | 1.05    | 0.93    | 1.02    | 1.00       | 6.53    | 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 |         |         |         | 113        |         | %     |
| Holmium    | 165-2 |         |         |         | 108        |         | %     |
| Indium     | 115-1 |         |         |         | 108        |         | %     |
| Indium     | 115-2 |         |         |         | 98         |         | %     |
| Iron       | 56-2  | 67.75   | 64.54   | 68.64   | 66.98      | 3.22    | ppb   |
| Iron       | 57-2  | 70.65   | 66.56   | 71.31   | 69.51      | 3.70    | ppb   |
| Krypton    | 83-1  |         |         |         |            |         | cps   |
| Lead       | 206-1 | 0.51    | 0.49    | 0.53    | 0.51       | 3.75    | ppb   |
| Lead       | 207-1 | 0.46    | 0.52    | 0.49    | 0.49       | 6.29    | ppb   |
| Lead       | 208-1 | 0.50    | 0.49    | 0.49    | 0.49       | 0.78    | ppb   |
| Lithium    | 6-1   |         |         |         | 103        |         | %     |
| Magnesium  | 24-2  | 1606.59 | 1610.86 | 1600.93 | 1606.13    | 0.31    | ppb   |



|                         |                     |                   |                     |
|-------------------------|---------------------|-------------------|---------------------|
| LB Number :             | LB97237             | Operator :        | Jaswal              |
| Lab Sample ID :         | J4379-25DLX25       | Instrumnet Name : | P8                  |
| Client Sample ID :      | MW-103DDL           | Dilution Factor : | 25                  |
| Date & Time Acquired :: | 2018-08-10 21:51:34 | DataFile Name :   | 154SMPL_P8081018-MS |

| Parameter  | Mass  | ConRep1  | ConRep2  | ConRep3  | Avg. Conc. | ConcRSD | Units |
|------------|-------|----------|----------|----------|------------|---------|-------|
| Manganese  | 55-2  | 45.52    | 44.61    | 44.60    | 44.91      | 1.18    | ppb   |
| Molybdenum | 94-1  | 1.39     | 1.24     | 1.07     | 1.24       | 13.03   | ppb   |
| Molybdenum | 95-1  | 1.35     | 1.18     | 1.26     | 1.26       | 6.97    | ppb   |
| Molybdenum | 96-1  | 1.34     | 1.13     | 1.22     | 1.23       | 8.75    | ppb   |
| Molybdenum | 97-1  | 1.40     | 1.28     | 1.30     | 1.33       | 4.80    | ppb   |
| Molybdenum | 98-1  | 1.24     | 1.27     | 1.24     | 1.25       | 1.39    | ppb   |
| Neodymium  | 150-1 |          |          |          |            |         | cps   |
| Neodymium  | 150-2 |          |          |          |            |         | cps   |
| Nickel     | 60-2  | 0.31     | 0.16     | 0.31     | 0.26       | 33.68   | ppb   |
| Phosphorus | 31-2  | -17.95   | 12.86    | 74.06    | 22.99      | 203.68  | ppb   |
| Potassium  | 39-2  | 4077.62  | 3868.43  | 3844.84  | 3930.30    | 3.26    | ppb   |
| Rhodium    | 103-1 |          |          |          | 105        |         | %     |
| Rhodium    | 103-2 |          |          |          | 101        |         | %     |
| Scandium   | 45-1  |          |          |          | 99         |         | %     |
| Scandium   | 45-2  |          |          |          | 88         |         | %     |
| Selenium   | 77-2  | 0.00     | 0.00     | 6.57     | 2.19       | 173.21  | ppb   |
| Selenium   | 78-2  | 3.16     | 0.00     | 0.00     | 1.05       | 173.21  | ppb   |
| Selenium   | 82-1  | 0.38     | 0.42     | 0.79     | 0.53       | 43.15   | ppb   |
| Silicon    | 28-1  | 1065.02  | 1020.54  | 998.42   | 1027.99    | 3.30    | ppb   |
| Silver     | 109-1 | 0.05     | 0.05     | 0.05     | 0.05       | 5.61    | ppb   |
| Silver     | 107-1 | 0.05     | 0.04     | 0.03     | 0.04       | 16.84   | ppb   |
| Sodium     | 23-2  | 98375.82 | 97291.04 | 96916.10 | 97527.65   | 0.78    | ppb   |
| Strontium  | 86-1  | 26.60    | 25.00    | 25.42    | 25.67      | 3.25    | ppb   |
| Strontium  | 88-1  | 27.43    | 26.31    | 26.01    | 26.58      | 2.80    | ppb   |
| Sulfur     | 34-1  | 6877.68  | 5763.43  | 5699.77  | 6113.63    | 10.84   | ppb   |
| Terbium    | 159-1 |          |          |          | 113        |         | %     |
| Terbium    | 159-2 |          |          |          | 108        |         | %     |
| Thallium   | 203-1 | 0.02     | 0.02     | 0.02     | 0.02       | 12.34   | ppb   |
| Thallium   | 205-1 | 0.02     | 0.03     | 0.03     | 0.03       | 9.53    | ppb   |
| Tin        | 118-1 | 0.29     | 0.32     | 0.33     | 0.31       | 5.87    | ppb   |
| Titanium   | 47-1  | 0.26     | 0.09     | 0.13     | 0.16       | 55.50   | ppb   |
| Uranium    | 238-1 | 0.09     | 0.08     | 0.09     | 0.09       | 6.73    | ppb   |
| Vanadium   | 51-2  | 0.35     | 0.29     | 0.32     | 0.32       | 9.29    | ppb   |
| Yttrium    | 89-1  |          |          |          | 105        |         | %     |
| Yttrium    | 89-2  |          |          |          | 95         |         | %     |
| Zinc       | 66-2  | 12.66    | 12.74    | 14.22    | 13.21      | 6.64    | ppb   |

|                         |                     |                   |                     |
|-------------------------|---------------------|-------------------|---------------------|
| LB Number :             | LB97237             | Operator :        | Jaswal              |
| Lab Sample ID :         | J4379-25DLX25       | Instrumnet Name : | P8                  |
| Client Sample ID :      | MW-103DDL           | Dilution Factor : | 25                  |
| Date & Time Acquired :: | 2018-08-10 21:51:34 | DataFile Name :   | 154SMPL_P8081018-MS |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|-----------|------|---------|---------|---------|------------|---------|-------|
| Zirconium | 90-1 | 0.29    | 0.22    | 0.25    | 0.26       | 13.78   | ppb   |
| Zirconium | 91-1 | 0.28    | 0.19    | 0.25    | 0.24       | 19.01   | ppb   |

|                         |                     |                   |                      |
|-------------------------|---------------------|-------------------|----------------------|
| LB Number :             | LB97237             | Operator :        | Jaswal               |
| Lab Sample ID :         | CCV03               | Instrumnet Name : | P8                   |
| Client Sample ID :      | CCV03               | Dilution Factor : | 1                    |
| Date & Time Acquired :: | 2018-08-10 21:54:55 | DataFile Name :   | 155CCV_P8081018-MS.I |

| Parameter  | Mass  | ConRep1   | ConRep2   | ConRep3   | Avg. Conc. | ConcRSD | Units |
|------------|-------|-----------|-----------|-----------|------------|---------|-------|
| Aluminium  | 27-2  | 51764.87  | 51635.01  | 51359.74  | 51586.54   | 0.40    | ppb   |
| Antimony   | 121-1 | 458.74    | 471.79    | 472.39    | 467.64     | 1.65    | ppb   |
| Arsenic    | 75-2  | 482.80    | 462.74    | 468.23    | 471.26     | 2.20    | ppb   |
| Barium     | 135-1 | 2416.87   | 2503.72   | 2482.28   | 2467.62    | 1.83    | ppb   |
| Barium     | 137-1 | 2409.77   | 2474.62   | 2462.34   | 2448.91    | 1.41    | ppb   |
| Beryllium  | 9-1   | 472.16    | 482.76    | 479.60    | 478.17     | 1.14    | ppb   |
| Bismuth    | 209-1 |           |           |           | 110        |         | %     |
| Bismuth    | 209-2 |           |           |           | 105        |         | %     |
| Boron      | 10-1  | 462.97    | 477.33    | 493.79    | 478.03     | 3.23    | ppb   |
| Boron      | 11-1  | 463.32    | 492.99    | 489.00    | 481.77     | 3.34    | ppb   |
| Cadmium    | 111-1 | 455.14    | 466.38    | 465.25    | 462.26     | 1.34    | ppb   |
| Cadmium    | 106-1 | 454.36    | 464.98    | 467.84    | 462.40     | 1.54    | ppb   |
| Cadmium    | 108-1 | 460.64    | 472.93    | 467.40    | 466.99     | 1.32    | ppb   |
| Calcium    | 43-1  | 234077.75 | 240125.18 | 239396.63 | 237866.52  | 1.39    | ppb   |
| Calcium    | 44-1  | 231527.82 | 238979.49 | 236164.63 | 235557.31  | 1.60    | ppb   |
| Chromium   | 52-2  | 511.80    | 512.98    | 506.44    | 510.41     | 0.68    | ppb   |
| Cobalt     | 59-2  | 495.52    | 494.04    | 496.30    | 495.29     | 0.23    | ppb   |
| Copper     | 63-2  | 978.69    | 970.67    | 973.85    | 974.40     | 0.41    | ppb   |
| Dysprosium | 156-1 |           |           |           |            |         | cps   |
| Dysprosium | 156-2 |           |           |           |            |         | cps   |
| Erbium     | 164-1 |           |           |           |            |         | cps   |
| Erbium     | 164-2 |           |           |           |            |         | cps   |
| Gadolinium | 160-1 |           |           |           |            |         | cps   |
| Gadolinium | 160-2 |           |           |           |            |         | cps   |
| Holmium    | 165-1 |           |           |           | 115        |         | %     |
| Holmium    | 165-2 |           |           |           | 113        |         | %     |
| Indium     | 115-1 |           |           |           | 108        |         | %     |
| Indium     | 115-2 |           |           |           | 101        |         | %     |
| Iron       | 56-2  | 131852.05 | 130893.63 | 130829.45 | 131191.71  | 0.44    | ppb   |
| Iron       | 57-2  | 133192.86 | 131704.44 | 132326.21 | 132407.84  | 0.56    | ppb   |
| Krypton    | 83-1  |           |           |           |            |         | cps   |
| Lead       | 206-1 | 499.10    | 514.72    | 507.69    | 507.17     | 1.54    | ppb   |
| Lead       | 207-1 | 504.35    | 518.11    | 512.02    | 511.49     | 1.35    | ppb   |
| Lead       | 208-1 | 498.62    | 511.26    | 507.11    | 505.66     | 1.27    | ppb   |
| Lithium    | 6-1   |           |           |           | 103        |         | %     |
| Magnesium  | 24-2  | 248909.89 | 250588.34 | 248152.82 | 249217.01  | 0.50    | ppb   |

|                         |                     |                   |                      |
|-------------------------|---------------------|-------------------|----------------------|
| LB Number :             | LB97237             | Operator :        | Jaswal               |
| Lab Sample ID :         | CCV03               | Instrumnet Name : | P8                   |
| Client Sample ID :      | CCV03               | Dilution Factor : | 1                    |
| Date & Time Acquired :: | 2018-08-10 21:54:55 | DataFile Name :   | 155CCV_P8081018-MS.I |

| Parameter  | Mass  | ConRep1   | ConRep2   | ConRep3   | Avg. Conc. | ConcRSD | Units |
|------------|-------|-----------|-----------|-----------|------------|---------|-------|
| Manganese  | 55-2  | 990.50    | 977.40    | 992.54    | 986.81     | 0.83    | ppb   |
| Molybdenum | 94-1  | 2461.51   | 2506.38   | 2479.75   | 2482.55    | 0.91    | ppb   |
| Molybdenum | 95-1  | 2468.50   | 2500.00   | 2471.55   | 2480.02    | 0.70    | ppb   |
| Molybdenum | 96-1  | 2461.53   | 2488.49   | 2481.72   | 2477.25    | 0.57    | ppb   |
| Molybdenum | 97-1  | 2490.09   | 2495.84   | 2518.08   | 2501.33    | 0.59    | ppb   |
| Molybdenum | 98-1  | 2501.27   | 2534.68   | 2512.76   | 2516.24    | 0.67    | ppb   |
| Neodymium  | 150-1 |           |           |           |            |         | cps   |
| Neodymium  | 150-2 |           |           |           |            |         | cps   |
| Nickel     | 60-2  | 508.72    | 504.13    | 497.86    | 503.57     | 1.08    | ppb   |
| Phosphorus | 31-2  | 11027.28  | 9520.34   | 9619.85   | 10055.82   | 8.38    | ppb   |
| Potassium  | 39-2  | 121705.09 | 121860.72 | 122863.88 | 122143.23  | 0.51    | ppb   |
| Rhodium    | 103-1 |           |           |           | 103        |         | %     |
| Rhodium    | 103-2 |           |           |           | 100        |         | %     |
| Scandium   | 45-1  |           |           |           | 105        |         | %     |
| Scandium   | 45-2  |           |           |           | 99         |         | %     |
| Selenium   | 77-2  | 464.68    | 446.45    | 470.67    | 460.60     | 2.74    | ppb   |
| Selenium   | 78-2  | 462.25    | 479.94    | 468.48    | 470.23     | 1.91    | ppb   |
| Selenium   | 82-1  | 469.87    | 475.55    | 473.96    | 473.13     | 0.62    | ppb   |
| Silicon    | 28-1  | 488.04    | 511.09    | 501.63    | 500.25     | 2.32    | ppb   |
| Silver     | 109-1 | 473.36    | 485.48    | 481.47    | 480.10     | 1.29    | ppb   |
| Silver     | 107-1 | 469.16    | 478.10    | 476.89    | 474.72     | 1.02    | ppb   |
| Sodium     | 23-2  | 248593.30 | 248049.39 | 248134.55 | 248259.08  | 0.12    | ppb   |
| Strontium  | 86-1  | 477.78    | 486.48    | 482.60    | 482.29     | 0.90    | ppb   |
| Strontium  | 88-1  | 489.32    | 499.69    | 498.51    | 495.84     | 1.15    | ppb   |
| Sulfur     | 34-1  | 7801.36   | 8465.45   | 8131.08   | 8132.63    | 4.08    | ppb   |
| Terbium    | 159-1 |           |           |           | 114        |         | %     |
| Terbium    | 159-2 |           |           |           | 111        |         | %     |
| Thallium   | 203-1 | 494.63    | 513.17    | 505.82    | 504.54     | 1.85    | ppb   |
| Thallium   | 205-1 | 492.59    | 504.88    | 500.34    | 499.27     | 1.24    | ppb   |
| Tin        | 118-1 | 485.02    | 493.74    | 499.16    | 492.64     | 1.45    | ppb   |
| Titanium   | 47-1  | 2414.58   | 2477.09   | 2477.80   | 2456.49    | 1.48    | ppb   |
| Uranium    | 238-1 | 498.38    | 517.01    | 502.24    | 505.88     | 1.94    | ppb   |
| Vanadium   | 51-2  | 498.78    | 497.36    | 501.13    | 499.09     | 0.38    | ppb   |
| Yttrium    | 89-1  |           |           |           | 109        |         | %     |
| Yttrium    | 89-2  |           |           |           | 102        |         | %     |
| Zinc       | 66-2  | 961.90    | 956.71    | 956.15    | 958.25     | 0.33    | ppb   |

|                         |                     |                   |                      |
|-------------------------|---------------------|-------------------|----------------------|
| LB Number :             | LB97237             | Operator :        | Jaswal               |
| Lab Sample ID :         | CCV03               | Instrumnet Name : | P8                   |
| Client Sample ID :      | CCV03               | Dilution Factor : | 1                    |
| Date & Time Acquired :: | 2018-08-10 21:54:55 | DataFile Name :   | 155CCV_P8081018-MS.I |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|-----------|------|---------|---------|---------|------------|---------|-------|
| Zirconium | 90-1 | 490.81  | 498.23  | 500.11  | 496.38     | 0.99    | ppb   |
| Zirconium | 91-1 | 495.98  | 500.16  | 501.32  | 499.15     | 0.56    | ppb   |

|                         |                     |                   |                     |
|-------------------------|---------------------|-------------------|---------------------|
| LB Number :             | LB97237             | Operator :        | Jaswal              |
| Lab Sample ID :         | CCB03               | Instrumnet Name : | P8                  |
| Client Sample ID :      | CCB03               | Dilution Factor : | 1                   |
| Date & Time Acquired :: | 2018-08-10 21:58:06 | DataFile Name :   | 156CCBE_P8081018-MS |

| Parameter  | Mass  | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|------------|-------|---------|---------|---------|------------|---------|-------|
| Aluminium  | 27-2  | -0.65   | 0.38    | 0.38    | 0.04       | 1553.31 | ppb   |
| Antimony   | 121-1 | 1.01    | 1.00    | 0.88    | 0.96       | 7.25    | ppb   |
| Arsenic    | 75-2  | 0.06    | 0.09    | 0.02    | 0.06       | 57.82   | ppb   |
| Barium     | 135-1 | 0.06    | 0.05    | 0.01    | 0.04       | 62.87   | ppb   |
| Barium     | 137-1 | 0.03    | 0.03    | 0.02    | 0.03       | 31.56   | ppb   |
| Beryllium  | 9-1   | 0.21    | 0.32    | 0.26    | 0.26       | 19.96   | ppb   |
| Bismuth    | 209-1 |         |         |         | 111        |         | %     |
| Bismuth    | 209-2 |         |         |         | 112        |         | %     |
| Boron      | 10-1  | 25.62   | 22.47   | 18.08   | 22.05      | 17.17   | ppb   |
| Boron      | 11-1  | 22.59   | 22.81   | 19.07   | 21.49      | 9.76    | ppb   |
| Cadmium    | 111-1 | -0.05   | -0.07   | -0.02   | -0.05      |         | ppb   |
| Cadmium    | 106-1 | -1.17   | -1.34   | -0.65   | -1.05      |         | ppb   |
| Cadmium    | 108-1 | 0.07    | 0.05    | 0.10    | 0.07       | 35.54   | ppb   |
| Calcium    | 43-1  | 5.90    | 4.01    | 8.21    | 6.04       | 34.80   | ppb   |
| Calcium    | 44-1  | -9.16   | -6.84   | -10.71  | -8.91      |         | ppb   |
| Chromium   | 52-2  | -0.07   | -0.02   | 0.02    | -0.02      |         | ppb   |
| Cobalt     | 59-2  | -0.02   | -0.01   | -0.01   | -0.01      |         | ppb   |
| Copper     | 63-2  | -0.55   | -0.67   | -0.62   | -0.61      |         | ppb   |
| Dysprosium | 156-1 |         |         |         |            |         | cps   |
| Dysprosium | 156-2 |         |         |         |            |         | cps   |
| Erbium     | 164-1 |         |         |         |            |         | cps   |
| Erbium     | 164-2 |         |         |         |            |         | cps   |
| Gadolinium | 160-1 |         |         |         |            |         | cps   |
| Gadolinium | 160-2 |         |         |         |            |         | cps   |
| Holmium    | 165-1 |         |         |         | 111        |         | %     |
| Holmium    | 165-2 |         |         |         | 114        |         | %     |
| Indium     | 115-1 |         |         |         | 109        |         | %     |
| Indium     | 115-2 |         |         |         | 107        |         | %     |
| Iron       | 56-2  | 4.08    | 3.49    | 2.64    | 3.40       | 21.31   | ppb   |
| Iron       | 57-2  | 4.77    | 2.30    | 4.36    | 3.81       | 34.76   | ppb   |
| Krypton    | 83-1  |         |         |         |            |         | cps   |
| Lead       | 206-1 | 0.02    | 0.03    | 0.03    | 0.03       | 15.66   | ppb   |
| Lead       | 207-1 | 0.03    | 0.04    | 0.02    | 0.03       | 43.74   | ppb   |
| Lead       | 208-1 | 0.02    | 0.02    | 0.02    | 0.02       | 23.85   | ppb   |
| Lithium    | 6-1   |         |         |         | 105        |         | %     |
| Magnesium  | 24-2  | 9.32    | 8.52    | 10.26   | 9.36       | 9.28    | ppb   |

|                         |                     |                   |                     |
|-------------------------|---------------------|-------------------|---------------------|
| LB Number :             | LB97237             | Operator :        | Jaswal              |
| Lab Sample ID :         | CCB03               | Instrumnet Name : | P8                  |
| Client Sample ID :      | CCB03               | Dilution Factor : | 1                   |
| Date & Time Acquired :: | 2018-08-10 21:58:06 | DataFile Name :   | 156CCBE_P8081018-M5 |

| Parameter  | Mass  | ConRep1  | ConRep2 | ConRep3  | Avg. Conc. | ConcRSD | Units |
|------------|-------|----------|---------|----------|------------|---------|-------|
| Manganese  | 55-2  | -0.48    | -0.39   | -0.44    | -0.44      |         | ppb   |
| Molybdenum | 94-1  | 0.92     | 0.95    | 0.72     | 0.86       | 14.59   | ppb   |
| Molybdenum | 95-1  | 1.04     | 0.94    | 0.82     | 0.93       | 12.21   | ppb   |
| Molybdenum | 96-1  | 1.05     | 0.95    | 0.82     | 0.94       | 12.55   | ppb   |
| Molybdenum | 97-1  | 1.05     | 0.91    | 0.74     | 0.90       | 16.89   | ppb   |
| Molybdenum | 98-1  | 1.01     | 0.96    | 0.80     | 0.93       | 11.78   | ppb   |
| Neodymium  | 150-1 |          |         |          |            |         | cps   |
| Neodymium  | 150-2 |          |         |          |            |         | cps   |
| Nickel     | 60-2  | -0.27    | -0.17   | -0.23    | -0.22      |         | ppb   |
| Phosphorus | 31-2  | -17.95   | -17.95  | -17.95   | -17.95     |         | ppb   |
| Potassium  | 39-2  | 33.13    | 13.33   | 5.19     | 17.22      | 83.46   | ppb   |
| Rhodium    | 103-1 |          |         |          | 107        |         | %     |
| Rhodium    | 103-2 |          |         |          | 109        |         | %     |
| Scandium   | 45-1  |          |         |          | 102        |         | %     |
| Scandium   | 45-2  |          |         |          | 98         |         | %     |
| Selenium   | 77-2  | 0.00     | 6.02    | 0.00     | 2.01       | 173.21  | ppb   |
| Selenium   | 78-2  | 0.95     | 0.96    | 0.97     | 0.96       | 1.06    | ppb   |
| Selenium   | 82-1  | 0.33     | 0.36    | 0.58     | 0.42       | 32.35   | ppb   |
| Silicon    | 28-1  | -19.30   | -13.55  | -18.06   | -16.97     |         | ppb   |
| Silver     | 109-1 | 0.05     | 0.05    | 0.03     | 0.05       | 25.62   | ppb   |
| Silver     | 107-1 | 0.04     | 0.04    | 0.04     | 0.04       | 10.16   | ppb   |
| Sodium     | 23-2  | 84.47    | 80.92   | 77.68    | 81.02      | 4.19    | ppb   |
| Strontium  | 86-1  | -0.01    | 0.07    | -0.07    | 0.00       |         | ppb   |
| Strontium  | 88-1  | 0.01     | 0.01    | 0.01     | 0.01       | 29.92   | ppb   |
| Sulfur     | 34-1  | -1366.00 | -553.80 | -1395.18 | -1104.99   |         | ppb   |
| Terbium    | 159-1 |          |         |          | 111        |         | %     |
| Terbium    | 159-2 |          |         |          | 113        |         | %     |
| Thallium   | 203-1 | 0.12     | 0.11    | 0.08     | 0.10       | 16.00   | ppb   |
| Thallium   | 205-1 | 0.11     | 0.11    | 0.11     | 0.11       | 1.42    | ppb   |
| Tin        | 118-1 | 0.39     | 0.37    | 0.27     | 0.34       | 18.32   | ppb   |
| Titanium   | 47-1  | 0.07     | 0.06    | 0.01     | 0.05       | 69.54   | ppb   |
| Uranium    | 238-1 | 0.01     | 0.02    | 0.01     | 0.02       | 16.55   | ppb   |
| Vanadium   | 51-2  | -0.01    | -0.01   | 0.00     | -0.01      |         | ppb   |
| Yttrium    | 89-1  |          |         |          | 106        |         | %     |
| Yttrium    | 89-2  |          |         |          | 103        |         | %     |
| Zinc       | 66-2  | -0.17    | 0.03    | -0.16    | -0.10      |         | ppb   |

|                         |                     |                   |                     |
|-------------------------|---------------------|-------------------|---------------------|
| LB Number :             | LB97237             | Operator :        | Jaswal              |
| Lab Sample ID :         | CCB03               | Instrumnet Name : | P8                  |
| Client Sample ID :      | CCB03               | Dilution Factor : | 1                   |
| Date & Time Acquired :: | 2018-08-10 21:58:06 | DataFile Name :   | 156CCBE_P8081018-MS |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|-----------|------|---------|---------|---------|------------|---------|-------|
| Zirconium | 90-1 | 0.16    | 0.17    | 0.15    | 0.16       | 4.63    | ppb   |
| Zirconium | 91-1 | 0.18    | 0.15    | 0.16    | 0.16       | 7.15    | ppb   |



|                         |                     |                   |                     |
|-------------------------|---------------------|-------------------|---------------------|
| LB Number :             | LB97237             | Operator :        | Jaswal              |
| Lab Sample ID :         | S0                  | Instrumnet Name : | P8                  |
| Client Sample ID :      | S0                  | Dilution Factor : | 1                   |
| Date & Time Acquired :: | 2018-08-10 11:52:50 | DataFile Name :   | 003CALB_P8081018-MS |

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|------------|-------|----------|----------|----------|----------|--------|-------|
| Aluminium  | 27-2  | 8        | 8        | 10       | 8        | 17.32  | cps   |
| Antimony   | 121-1 | 75       | 100      | 83       | 86       | 14.78  | cps   |
| Arsenic    | 75-2  | 7        | 2        | 7        | 6        | 57.77  | cps   |
| Barium     | 135-1 | 50       | 42       | 50       | 47       | 10.18  | cps   |
| Barium     | 137-1 | 83       | 67       | 92       | 81       | 15.80  | cps   |
| Beryllium  | 9-1   | 78       | 94       | 111      | 94       | 17.65  | cps   |
| Bismuth    | 209-1 | 7967891  | 8054824  | 8016601  | 8013105  | 0.54   | cps   |
| Bismuth    | 209-2 | 1963213  | 1948744  | 2000484  | 1970813  | 1.35   | cps   |
| Boron      | 10-1  | 92       | 92       | 142      | 108      | 26.65  | cps   |
| Boron      | 11-1  | 500      | 567      | 600      | 556      | 9.17   | cps   |
| Cadmium    | 111-1 | 1298     | 1282     | 1380     | 1320     | 4.00   | cps   |
| Cadmium    | 106-1 | 1850     | 1834     | 1942     | 1875     | 3.11   | cps   |
| Cadmium    | 108-1 | 8        | 8        | 0        | 6        | 86.60  | cps   |
| Calcium    | 43-1  | 467      | 375      | 325      | 389      | 18.48  | cps   |
| Calcium    | 44-1  | 14633    | 15251    | 14592    | 14825    | 2.49   | cps   |
| Chromium   | 52-2  | 337      | 367      | 323      | 342      | 6.49   | cps   |
| Cobalt     | 59-2  | 63       | 47       | 67       | 59       | 18.19  | cps   |
| Copper     | 63-2  | 1250     | 1293     | 1497     | 1347     | 9.78   | cps   |
| Dysprosium | 156-1 | 17       | 17       | 8        | 14       | 34.67  | cps   |
| Dysprosium | 156-2 | 7        | 3        | 7        | 6        | 34.70  | cps   |
| Erbium     | 164-1 | 33       | 42       | 25       | 33       | 25.01  | cps   |
| Erbium     | 164-2 | 0        | 7        | 3        | 3        | 100.05 | cps   |
| Gadolinium | 160-1 | 67       | 42       | 75       | 61       | 28.38  | cps   |
| Gadolinium | 160-2 | 7        | 3        | 10       | 7        | 50.03  | cps   |
| Holmium    | 165-1 | 11943111 | 11791396 | 11877467 | 11870658 | 0.64   | cps   |
| Holmium    | 165-2 | 2323456  | 2303691  | 2347985  | 2325044  | 0.95   | cps   |
| Indium     | 115-1 | 8864211  | 8896482  | 8841079  | 8867257  | 0.31   | cps   |
| Indium     | 115-2 | 339734   | 337854   | 343294   | 340294   | 0.81   | cps   |
| Iron       | 56-2  | 895      | 939      | 1022     | 952      | 6.81   | cps   |
| Iron       | 57-2  | 39       | 17       | 22       | 26       | 44.60  | cps   |
| Krypton    | 83-1  | 403      | 287      | 287      | 326      | 20.69  | cps   |
| Lead       | 206-1 | 261      | 311      | 300      | 291      | 9.03   | cps   |
| Lead       | 207-1 | 222      | 289      | 289      | 267      | 14.43  | cps   |
| Lead       | 208-1 | 1211     | 1267     | 1278     | 1252     | 2.85   | cps   |
| Lithium    | 6-1   | 1477830  | 1514091  | 1506260  | 1499394  | 1.27   | cps   |
| Magnesium  | 24-2  | 175      | 208      | 167      | 183      | 12.03  | cps   |

|                         |                     |                   |                     |
|-------------------------|---------------------|-------------------|---------------------|
| LB Number :             | LB97237             | Operator :        | Jaswal              |
| Lab Sample ID :         | S0                  | Instrumnet Name : | P8                  |
| Client Sample ID :      | S0                  | Dilution Factor : | 1                   |
| Date & Time Acquired :: | 2018-08-10 11:52:50 | DataFile Name :   | 003CALB_P8081018-MS |

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD  | Units |
|------------|-------|----------|----------|----------|----------|---------|-------|
| Manganese  | 55-2  | 143      | 97       | 150      | 130      | 22.35   | cps   |
| Molybdenum | 94-1  | 475      | 333      | 317      | 375      | 23.20   | cps   |
| Molybdenum | 95-1  | 117      | 133      | 150      | 133      | 12.50   | cps   |
| Molybdenum | 96-1  | 150      | 208      | 283      | 214      | 31.25   | cps   |
| Molybdenum | 97-1  | 92       | 58       | 100      | 83       | 26.46   | cps   |
| Molybdenum | 98-1  | 192      | 167      | 167      | 175      | 8.25    | cps   |
| Neodymium  | 150-1 | 7        | 20       | 0        | 9        | 114.55  | cps   |
| Neodymium  | 150-2 | 0        | 0        | 0        | 0        | 0.00    | cps   |
| Nickel     | 60-2  | 190      | 170      | 160      | 173      | 8.82    | cps   |
| Phosphorus | 31-2  | 0        | 17       | 8        | 8        | 100.02  | cps   |
| Potassium  | 39-2  | 1959     | 1792     | 1725     | 1825     | 6.59    | cps   |
| Rhodium    | 103-1 | 8283238  | 8284805  | 8272642  | 8280229  | 0.08    | cps   |
| Rhodium    | 103-2 | 2160624  | 2138314  | 2141060  | 2146666  | 0.57    | cps   |
| Scandium   | 45-1  | 4943570  | 4902874  | 4957301  | 4934581  | 0.57    | cps   |
| Scandium   | 45-2  | 35328    | 34660    | 34990    | 34993    | 0.95    | cps   |
| Selenium   | 77-2  | 0        | 0        | 0        | 0        | 0.00    | cps   |
| Selenium   | 78-2  | 0        | 0        | 0        | 0        | 0.00    | cps   |
| Selenium   | 82-1  | -102     | 23       | 23       | -19      | -389.59 | cps   |
| Silicon    | 28-1  | 287081   | 285518   | 284941   | 285847   | 0.39    | cps   |
| Silver     | 109-1 | 67       | 17       | 25       | 36       | 74.18   | cps   |
| Silver     | 107-1 | 42       | 75       | 92       | 69       | 36.66   | cps   |
| Sodium     | 23-2  | 4718     | 4559     | 4826     | 4701     | 2.85    | cps   |
| Strontium  | 86-1  | 517      | 517      | 575      | 536      | 6.28    | cps   |
| Strontium  | 88-1  | 158      | 158      | 125      | 147      | 13.07   | cps   |
| Sulfur     | 34-1  | 344395   | 345641   | 344065   | 344700   | 0.24    | cps   |
| Terbium    | 159-1 | 12152732 | 12139834 | 12053267 | 12115278 | 0.45    | cps   |
| Terbium    | 159-2 | 2198833  | 2208327  | 2247473  | 2218211  | 1.16    | cps   |
| Thallium   | 203-1 | 208      | 108      | 175      | 164      | 31.07   | cps   |
| Thallium   | 205-1 | 292      | 233      | 275      | 267      | 11.27   | cps   |
| Tin        | 118-1 | 1383     | 1425     | 1709     | 1506     | 11.75   | cps   |
| Titanium   | 47-1  | 142      | 117      | 100      | 119      | 17.56   | cps   |
| Uranium    | 238-1 | 67       | 117      | 67       | 83       | 34.64   | cps   |
| Vanadium   | 51-2  | 7        | 7        | 3        | 6        | 34.70   | cps   |
| Yttrium    | 89-1  | 8876679  | 8969055  | 8911357  | 8919030  | 0.52    | cps   |
| Yttrium    | 89-2  | 250746   | 248289   | 255578   | 251537   | 1.47    | cps   |
| Zinc       | 66-2  | 127      | 90       | 113      | 110      | 16.87   | cps   |

|                         |                     |                   |                     |
|-------------------------|---------------------|-------------------|---------------------|
| LB Number :             | LB97237             | Operator :        | Jaswal              |
| Lab Sample ID :         | S0                  | Instrumnet Name : | P8                  |
| Client Sample ID :      | S0                  | Dilution Factor : | 1                   |
| Date & Time Acquired :: | 2018-08-10 11:52:50 | DataFile Name :   | 003CALB_P8081018-MS |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|-----------|------|------|------|------|---------|--------|-------|
| Zirconium | 90-1 | 825  | 717  | 917  | 820     | 12.22  | cps   |
| Zirconium | 91-1 | 133  | 183  | 150  | 156     | 16.37  | cps   |

|                         |                     |                   |                     |
|-------------------------|---------------------|-------------------|---------------------|
| LB Number :             | LB97237             | Operator :        | Jaswal              |
| Lab Sample ID :         | S2                  | Instrumnet Name : | P8                  |
| Client Sample ID :      | S2                  | Dilution Factor : | 1                   |
| Date & Time Acquired :: | 2018-08-10 12:00:24 | DataFile Name :   | 005CAL5_P8081018-MS |

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|------------|-------|----------|----------|----------|----------|--------|-------|
| Aluminium  | 27-2  | 115      | 123      | 130      | 123      | 6.12   | cps   |
| Antimony   | 121-1 | 16069    | 16236    | 16636    | 16313    | 1.79   | cps   |
| Arsenic    | 75-2  | 83       | 74       | 72       | 77       | 7.77   | cps   |
| Barium     | 135-1 | 16953    | 16428    | 16820    | 16733    | 1.63   | cps   |
| Barium     | 137-1 | 29826    | 29066    | 29350    | 29414    | 1.31   | cps   |
| Beryllium  | 9-1   | 1050     | 1139     | 1056     | 1082     | 4.60   | cps   |
| Bismuth    | 209-1 | 8105593  | 8261489  | 8285840  | 8217641  | 1.19   | cps   |
| Bismuth    | 209-2 | 1988828  | 2068014  | 1780122  | 1945655  | 7.64   | cps   |
| Boron      | 10-1  | 2675     | 3150     | 3092     | 2973     | 8.72   | cps   |
| Boron      | 11-1  | 14016    | 14233    | 14308    | 14185    | 1.07   | cps   |
| Cadmium    | 111-1 | 3361     | 3179     | 2904     | 3148     | 7.32   | cps   |
| Cadmium    | 106-1 | 2475     | 2425     | 2100     | 2334     | 8.73   | cps   |
| Cadmium    | 108-1 | 108      | 158      | 125      | 131      | 19.50  | cps   |
| Calcium    | 43-1  | 8203     | 8528     | 8878     | 8536     | 3.96   | cps   |
| Calcium    | 44-1  | 152623   | 148090   | 148328   | 149680   | 1.70   | cps   |
| Chromium   | 52-2  | 1833     | 1747     | 1880     | 1820     | 3.72   | cps   |
| Cobalt     | 59-2  | 1510     | 1547     | 1467     | 1508     | 2.66   | cps   |
| Copper     | 63-2  | 3787     | 3587     | 3687     | 3687     | 2.71   | cps   |
| Dysprosium | 156-1 | 50       | 42       | 8        | 33       | 66.15  | cps   |
| Dysprosium | 156-2 | 0        | 0        | 3        | 1        | 173.21 | cps   |
| Erbium     | 164-1 | 67       | 42       | 17       | 42       | 60.00  | cps   |
| Erbium     | 164-2 | 3        | 7        | 7        | 6        | 34.70  | cps   |
| Gadolinium | 160-1 | 75       | 75       | 42       | 64       | 30.12  | cps   |
| Gadolinium | 160-2 | 13       | 13       | 0        | 9        | 86.60  | cps   |
| Holmium    | 165-1 | 12007995 | 12065517 | 12206085 | 12093199 | 0.84   | cps   |
| Holmium    | 165-2 | 2376305  | 2418610  | 2144827  | 2313247  | 6.37   | cps   |
| Indium     | 115-1 | 8970763  | 9145688  | 9187046  | 9101166  | 1.26   | cps   |
| Indium     | 115-2 | 348600   | 359458   | 316987   | 341682   | 6.46   | cps   |
| Iron       | 56-2  | 23810    | 23654    | 23999    | 23821    | 0.73   | cps   |
| Iron       | 57-2  | 600      | 572      | 550      | 574      | 4.36   | cps   |
| Krypton    | 83-1  | 387      | 327      | 290      | 334      | 14.59  | cps   |
| Lead       | 206-1 | 6129     | 6446     | 6152     | 6242     | 2.83   | cps   |
| Lead       | 207-1 | 5329     | 5640     | 5540     | 5503     | 2.89   | cps   |
| Lead       | 208-1 | 25088    | 25194    | 25016    | 25099    | 0.36   | cps   |
| Lithium    | 6-1   | 1513319  | 1547843  | 1550230  | 1537131  | 1.34   | cps   |
| Magnesium  | 24-2  | 12122    | 12214    | 12339    | 12225    | 0.89   | cps   |

|                         |                     |                   |                     |
|-------------------------|---------------------|-------------------|---------------------|
| LB Number :             | LB97237             | Operator :        | Jaswal              |
| Lab Sample ID :         | S2                  | Instrumnet Name : | P8                  |
| Client Sample ID :      | S2                  | Dilution Factor : | 1                   |
| Date & Time Acquired :: | 2018-08-10 12:00:24 | DataFile Name :   | 005CALS_P8081018-MS |

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|------------|-------|----------|----------|----------|----------|--------|-------|
| Manganese  | 55-2  | 293      | 323      | 340      | 319      | 7.42   | cps   |
| Molybdenum | 94-1  | 13657    | 13048    | 13074    | 13260    | 2.60   | cps   |
| Molybdenum | 95-1  | 16135    | 15476    | 15743    | 15785    | 2.10   | cps   |
| Molybdenum | 96-1  | 18363    | 18697    | 18480    | 18513    | 0.92   | cps   |
| Molybdenum | 97-1  | 9887     | 10621    | 10429    | 10313    | 3.69   | cps   |
| Molybdenum | 98-1  | 26276    | 27162    | 25642    | 26360    | 2.90   | cps   |
| Neodymium  | 150-1 | 27       | 0        | 0        | 9        | 173.21 | cps   |
| Neodymium  | 150-2 | 0        | 0        | 0        | 0        | 0.00   | cps   |
| Nickel     | 60-2  | 713      | 710      | 733      | 719      | 1.76   | cps   |
| Phosphorus | 31-2  | 0        | 8        | 0        | 3        | 173.21 | cps   |
| Potassium  | 39-2  | 7594     | 7769     | 7894     | 7752     | 1.95   | cps   |
| Rhodium    | 103-1 | 8254231  | 8422075  | 8531074  | 8402460  | 1.66   | cps   |
| Rhodium    | 103-2 | 2177650  | 2262997  | 1996968  | 2145871  | 6.33   | cps   |
| Scandium   | 45-1  | 4976579  | 5061296  | 5130441  | 5056105  | 1.52   | cps   |
| Scandium   | 45-2  | 36534    | 37039    | 31853    | 35142    | 8.14   | cps   |
| Selenium   | 77-2  | 3        | 3        | 0        | 2        | 86.60  | cps   |
| Selenium   | 78-2  | 11       | 7        | 17       | 12       | 39.74  | cps   |
| Selenium   | 82-1  | 454      | 503      | 467      | 475      | 5.34   | cps   |
| Silicon    | 28-1  | 336368   | 336672   | 337280   | 336773   | 0.14   | cps   |
| Silver     | 109-1 | 8620     | 8837     | 8345     | 8600     | 2.87   | cps   |
| Silver     | 107-1 | 8336     | 8995     | 8895     | 8742     | 4.06   | cps   |
| Sodium     | 23-2  | 31778    | 31828    | 32187    | 31931    | 0.70   | cps   |
| Strontium  | 86-1  | 2800     | 2600     | 2717     | 2706     | 3.71   | cps   |
| Strontium  | 88-1  | 18380    | 18180    | 18830    | 18463    | 1.81   | cps   |
| Sulfur     | 34-1  | 344388   | 348383   | 345158   | 345976   | 0.61   | cps   |
| Terbium    | 159-1 | 12238109 | 12340760 | 12550337 | 12376402 | 1.29   | cps   |
| Terbium    | 159-2 | 2230982  | 2337093  | 2063409  | 2210494  | 6.24   | cps   |
| Thallium   | 203-1 | 7036     | 7302     | 7961     | 7433     | 6.41   | cps   |
| Thallium   | 205-1 | 17938    | 17421    | 17363    | 17574    | 1.80   | cps   |
| Tin        | 118-1 | 28532    | 29484    | 28648    | 28888    | 1.80   | cps   |
| Titanium   | 47-1  | 4434     | 4234     | 4192     | 4287     | 3.02   | cps   |
| Uranium    | 238-1 | 23932    | 24032    | 23206    | 23724    | 1.90   | cps   |
| Vanadium   | 51-2  | 2490     | 2690     | 2380     | 2520     | 6.24   | cps   |
| Yttrium    | 89-1  | 9038542  | 9088378  | 9164797  | 9097239  | 0.70   | cps   |
| Yttrium    | 89-2  | 256188   | 263455   | 229686   | 249776   | 7.12   | cps   |
| Zinc       | 66-2  | 290      | 287      | 307      | 294      | 3.64   | cps   |

|                         |                     |                   |                     |
|-------------------------|---------------------|-------------------|---------------------|
| LB Number :             | LB97237             | Operator :        | Jaswal              |
| Lab Sample ID :         | S2                  | Instrumnet Name : | P8                  |
| Client Sample ID :      | S2                  | Dilution Factor : | 1                   |
| Date & Time Acquired :: | 2018-08-10 12:00:24 | DataFile Name :   | 005CALS_P8081018-MS |

| Parameter | Mass | CPS1  | CPS2  | CPS3  | CPSMean | CPSRSD | Units |
|-----------|------|-------|-------|-------|---------|--------|-------|
| Zirconium | 90-1 | 11505 | 11097 | 11205 | 11269   | 1.88   | cps   |
| Zirconium | 91-1 | 2442  | 2584  | 2359  | 2461    | 4.62   | cps   |

|                         |                     |                   |                     |
|-------------------------|---------------------|-------------------|---------------------|
| LB Number :             | LB97237             | Operator :        | Jaswal              |
| Lab Sample ID :         | S3                  | Instrumnet Name : | P8                  |
| Client Sample ID :      | S3                  | Dilution Factor : | 1                   |
| Date & Time Acquired :: | 2018-08-10 12:04:08 | DataFile Name :   | 006CAL5_P8081018-MS |

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|------------|-------|----------|----------|----------|----------|--------|-------|
| Aluminium  | 27-2  | 5342     | 5397     | 5370     | 5370     | 0.51   | cps   |
| Antimony   | 121-1 | 433631   | 440950   | 439624   | 438069   | 0.89   | cps   |
| Arsenic    | 75-2  | 4078     | 4119     | 3997     | 4065     | 1.53   | cps   |
| Barium     | 135-1 | 469747   | 466389   | 471590   | 469242   | 0.56   | cps   |
| Barium     | 137-1 | 832058   | 828557   | 830647   | 830421   | 0.21   | cps   |
| Beryllium  | 9-1   | 57610    | 56796    | 55195    | 56534    | 2.17   | cps   |
| Bismuth    | 209-1 | 8325369  | 8314389  | 7927942  | 8189233  | 2.76   | cps   |
| Bismuth    | 209-2 | 2057265  | 2060054  | 2039477  | 2052265  | 0.54   | cps   |
| Boron      | 10-1  | 6877     | 6885     | 6627     | 6796     | 2.16   | cps   |
| Boron      | 11-1  | 31786    | 31269    | 32379    | 31811    | 1.75   | cps   |
| Cadmium    | 111-1 | 95454    | 96531    | 96147    | 96044    | 0.57   | cps   |
| Cadmium    | 106-1 | 12139    | 12723    | 12273    | 12378    | 2.47   | cps   |
| Cadmium    | 108-1 | 6814     | 7010     | 6731     | 6852     | 2.09   | cps   |
| Calcium    | 43-1  | 94114    | 91842    | 92092    | 92683    | 1.34   | cps   |
| Calcium    | 44-1  | 1552691  | 1543538  | 1553294  | 1549841  | 0.35   | cps   |
| Chromium   | 52-2  | 36678    | 37373    | 36047    | 36699    | 1.81   | cps   |
| Cobalt     | 59-2  | 79813    | 78751    | 80025    | 79530    | 0.86   | cps   |
| Copper     | 63-2  | 138953   | 140027   | 139677   | 139552   | 0.39   | cps   |
| Dysprosium | 156-1 | 25       | 25       | 8        | 19       | 49.50  | cps   |
| Dysprosium | 156-2 | 3        | 0        | 0        | 1        | 173.21 | cps   |
| Erbium     | 164-1 | 33       | 42       | 42       | 39       | 12.38  | cps   |
| Erbium     | 164-2 | 17       | 20       | 0        | 12       | 87.67  | cps   |
| Gadolinium | 160-1 | 17       | 33       | 67       | 39       | 65.47  | cps   |
| Gadolinium | 160-2 | 10       | 10       | 7        | 9        | 21.63  | cps   |
| Holmium    | 165-1 | 12532208 | 12527563 | 11669186 | 12242986 | 4.06   | cps   |
| Holmium    | 165-2 | 2442894  | 2462536  | 2464437  | 2456623  | 0.49   | cps   |
| Indium     | 115-1 | 9244536  | 9183196  | 8753449  | 9060394  | 2.95   | cps   |
| Indium     | 115-2 | 354376   | 358597   | 357959   | 356977   | 0.64   | cps   |
| Iron       | 56-2  | 1227470  | 1226954  | 1227834  | 1227419  | 0.04   | cps   |
| Iron       | 57-2  | 30350    | 31592    | 30690    | 30877    | 2.08   | cps   |
| Krypton    | 83-1  | 347      | 303      | 307      | 319      | 7.56   | cps   |
| Lead       | 206-1 | 315685   | 315900   | 315267   | 315617   | 0.10   | cps   |
| Lead       | 207-1 | 285593   | 286536   | 286281   | 286136   | 0.17   | cps   |
| Lead       | 208-1 | 1290915  | 1291194  | 1291103  | 1291071  | 0.01   | cps   |
| Lithium    | 6-1   | 1548430  | 1562539  | 1483748  | 1531572  | 2.74   | cps   |
| Magnesium  | 24-2  | 135372   | 135852   | 135221   | 135482   | 0.24   | cps   |

|                         |                     |                   |                     |
|-------------------------|---------------------|-------------------|---------------------|
| LB Number :             | LB97237             | Operator :        | Jaswal              |
| Lab Sample ID :         | S3                  | Instrumnet Name : | P8                  |
| Client Sample ID :      | S3                  | Dilution Factor : | 1                   |
| Date & Time Acquired :: | 2018-08-10 12:04:08 | DataFile Name :   | 006CAL5_P8081018-MS |

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|------------|-------|----------|----------|----------|----------|--------|-------|
| Manganese  | 55-2  | 19788    | 20689    | 20602    | 20360    | 2.44   | cps   |
| Molybdenum | 94-1  | 727698   | 732584   | 739308   | 733197   | 0.80   | cps   |
| Molybdenum | 95-1  | 893714   | 895172   | 899212   | 896033   | 0.32   | cps   |
| Molybdenum | 96-1  | 995314   | 990262   | 998084   | 994554   | 0.40   | cps   |
| Molybdenum | 97-1  | 561009   | 560592   | 566075   | 562559   | 0.54   | cps   |
| Molybdenum | 98-1  | 1472297  | 1449942  | 1446898  | 1456379  | 0.95   | cps   |
| Neodymium  | 150-1 | 27       | 27       | 20       | 24       | 15.75  | cps   |
| Neodymium  | 150-2 | 0        | 0        | 0        | 0        | 0.00   | cps   |
| Nickel     | 60-2  | 23670    | 23553    | 23437    | 23553    | 0.50   | cps   |
| Phosphorus | 31-2  | 367      | 283      | 317      | 322      | 13.02  | cps   |
| Potassium  | 39-2  | 33750    | 36264    | 35212    | 35075    | 3.60   | cps   |
| Rhodium    | 103-1 | 8545714  | 8528188  | 8151211  | 8408371  | 2.65   | cps   |
| Rhodium    | 103-2 | 2215989  | 2233424  | 2248721  | 2232711  | 0.73   | cps   |
| Scandium   | 45-1  | 5167452  | 5113972  | 4917586  | 5066337  | 2.60   | cps   |
| Scandium   | 45-2  | 36838    | 36768    | 36839    | 36815    | 0.11   | cps   |
| Selenium   | 77-2  | 43       | 40       | 30       | 38       | 18.36  | cps   |
| Selenium   | 78-2  | 109      | 87       | 102      | 99       | 11.38  | cps   |
| Selenium   | 82-1  | 5753     | 5804     | 5569     | 5709     | 2.17   | cps   |
| Silicon    | 28-1  | 488866   | 487253   | 485584   | 487234   | 0.34   | cps   |
| Silver     | 109-1 | 447213   | 449043   | 445411   | 447222   | 0.41   | cps   |
| Silver     | 107-1 | 466523   | 467755   | 465577   | 466618   | 0.23   | cps   |
| Sodium     | 23-2  | 308649   | 307125   | 305348   | 307041   | 0.54   | cps   |
| Strontium  | 86-1  | 112880   | 112376   | 113385   | 112880   | 0.45   | cps   |
| Strontium  | 88-1  | 969363   | 972703   | 972916   | 971661   | 0.21   | cps   |
| Sulfur     | 34-1  | 377376   | 377037   | 380488   | 378300   | 0.50   | cps   |
| Terbium    | 159-1 | 12664117 | 12684889 | 12105909 | 12484972 | 2.63   | cps   |
| Terbium    | 159-2 | 2352173  | 2344704  | 2324349  | 2340409  | 0.62   | cps   |
| Thallium   | 203-1 | 389643   | 389589   | 389006   | 389413   | 0.09   | cps   |
| Thallium   | 205-1 | 938727   | 932500   | 939905   | 937044   | 0.42   | cps   |
| Tin        | 118-1 | 308099   | 307126   | 307059   | 307428   | 0.19   | cps   |
| Titanium   | 47-1  | 227955   | 227222   | 231151   | 228776   | 0.91   | cps   |
| Uranium    | 238-1 | 1268172  | 1285194  | 1272792  | 1275386  | 0.69   | cps   |
| Vanadium   | 51-2  | 27110    | 26428    | 27080    | 26873    | 1.43   | cps   |
| Yttrium    | 89-1  | 9339610  | 9304886  | 8783069  | 9142522  | 3.41   | cps   |
| Yttrium    | 89-2  | 262762   | 263742   | 263457   | 263320   | 0.19   | cps   |
| Zinc       | 66-2  | 12172    | 11715    | 12025    | 11971    | 1.95   | cps   |



|                         |                     |                   |                     |
|-------------------------|---------------------|-------------------|---------------------|
| LB Number :             | LB97237             | Operator :        | Jaswal              |
| Lab Sample ID :         | S3                  | Instrumnet Name : | P8                  |
| Client Sample ID :      | S3                  | Dilution Factor : | 1                   |
| Date & Time Acquired :: | 2018-08-10 12:04:08 | DataFile Name :   | 006CALS_P8081018-MS |

| Parameter | Mass | CPS1   | CPS2   | CPS3   | CPSMean | CPSRSD | Units |
|-----------|------|--------|--------|--------|---------|--------|-------|
| Zirconium | 90-1 | 593555 | 597551 | 607527 | 599544  | 1.20   | cps   |
| Zirconium | 91-1 | 132421 | 132439 | 135823 | 133561  | 1.47   | cps   |

|                         |                     |                   |                     |
|-------------------------|---------------------|-------------------|---------------------|
| LB Number :             | LB97237             | Operator :        | Jaswal              |
| Lab Sample ID :         | S4                  | Instrumnet Name : | P8                  |
| Client Sample ID :      | S4                  | Dilution Factor : | 1                   |
| Date & Time Acquired :: | 2018-08-10 12:07:51 | DataFile Name :   | 007CAL5_P8081018-MS |

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|------------|-------|----------|----------|----------|----------|--------|-------|
| Aluminium  | 27-2  | 13197    | 13427    | 13530    | 13385    | 1.27   | cps   |
| Antimony   | 121-1 | 1116332  | 1118665  | 1112384  | 1115794  | 0.28   | cps   |
| Arsenic    | 75-2  | 10228    | 10395    | 10146    | 10256    | 1.23   | cps   |
| Barium     | 135-1 | 1188857  | 1194832  | 1177811  | 1187167  | 0.73   | cps   |
| Barium     | 137-1 | 2098231  | 2118573  | 2086891  | 2101232  | 0.76   | cps   |
| Beryllium  | 9-1   | 140422   | 140641   | 140748   | 140604   | 0.12   | cps   |
| Bismuth    | 209-1 | 8452992  | 8310409  | 8499681  | 8421027  | 1.17   | cps   |
| Bismuth    | 209-2 | 1975530  | 2070538  | 2094949  | 2047006  | 3.08   | cps   |
| Boron      | 10-1  | 16477    | 16427    | 16802    | 16569    | 1.23   | cps   |
| Boron      | 11-1  | 75903    | 76890    | 76897    | 76563    | 0.75   | cps   |
| Cadmium    | 111-1 | 239661   | 240062   | 237818   | 239181   | 0.50   | cps   |
| Cadmium    | 106-1 | 27362    | 27304    | 27897    | 27521    | 1.19   | cps   |
| Cadmium    | 108-1 | 17558    | 16999    | 17103    | 17220    | 1.73   | cps   |
| Calcium    | 43-1  | 228132   | 232359   | 229556   | 230016   | 0.94   | cps   |
| Calcium    | 44-1  | 3757794  | 3822435  | 3820118  | 3800116  | 0.96   | cps   |
| Chromium   | 52-2  | 90893    | 89453    | 89963    | 90103    | 0.81   | cps   |
| Cobalt     | 59-2  | 194619   | 198424   | 196562   | 196535   | 0.97   | cps   |
| Copper     | 63-2  | 343094   | 343106   | 343574   | 343258   | 0.08   | cps   |
| Dysprosium | 156-1 | 17       | 50       | 8        | 25       | 88.19  | cps   |
| Dysprosium | 156-2 | 0        | 0        | 3        | 1        | 173.21 | cps   |
| Erbium     | 164-1 | 25       | 33       | 42       | 33       | 25.01  | cps   |
| Erbium     | 164-2 | 20       | 23       | 17       | 20       | 16.65  | cps   |
| Gadolinium | 160-1 | 75       | 67       | 117      | 86       | 31.11  | cps   |
| Gadolinium | 160-2 | 3        | 20       | 10       | 11       | 75.52  | cps   |
| Holmium    | 165-1 | 12610252 | 12419836 | 12603990 | 12544693 | 0.86   | cps   |
| Holmium    | 165-2 | 2374236  | 2476443  | 2466353  | 2439011  | 2.31   | cps   |
| Indium     | 115-1 | 9302746  | 9255065  | 9320179  | 9292664  | 0.36   | cps   |
| Indium     | 115-2 | 339390   | 357146   | 359759   | 352098   | 3.15   | cps   |
| Iron       | 56-2  | 3076535  | 3080020  | 3080408  | 3078988  | 0.07   | cps   |
| Iron       | 57-2  | 76029    | 77330    | 77347    | 76902    | 0.98   | cps   |
| Krypton    | 83-1  | 330      | 360      | 300      | 330      | 9.09   | cps   |
| Lead       | 206-1 | 796199   | 790342   | 793774   | 793439   | 0.37   | cps   |
| Lead       | 207-1 | 719773   | 718438   | 718955   | 719055   | 0.09   | cps   |
| Lead       | 208-1 | 3312172  | 3275607  | 3265315  | 3284365  | 0.75   | cps   |
| Lithium    | 6-1   | 1573930  | 1560836  | 1572392  | 1569053  | 0.46   | cps   |
| Magnesium  | 24-2  | 336466   | 335839   | 335448   | 335918   | 0.15   | cps   |

|                         |                     |                   |                     |
|-------------------------|---------------------|-------------------|---------------------|
| LB Number :             | LB97237             | Operator :        | Jaswal              |
| Lab Sample ID :         | S4                  | Instrumnet Name : | P8                  |
| Client Sample ID :      | S4                  | Dilution Factor : | 1                   |
| Date & Time Acquired :: | 2018-08-10 12:07:51 | DataFile Name :   | 007CAL5_P8081018-MS |

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|------------|-------|----------|----------|----------|----------|--------|-------|
| Manganese  | 55-2  | 50588    | 50986    | 51023    | 50866    | 0.47   | cps   |
| Molybdenum | 94-1  | 1873465  | 1851040  | 1847281  | 1857262  | 0.76   | cps   |
| Molybdenum | 95-1  | 2276947  | 2266973  | 2286959  | 2276960  | 0.44   | cps   |
| Molybdenum | 96-1  | 2529392  | 2551622  | 2547920  | 2542978  | 0.47   | cps   |
| Molybdenum | 97-1  | 1405189  | 1427871  | 1431645  | 1421568  | 1.01   | cps   |
| Molybdenum | 98-1  | 3628494  | 3647494  | 3658317  | 3644768  | 0.41   | cps   |
| Neodymium  | 150-1 | 47       | 53       | 47       | 49       | 7.88   | cps   |
| Neodymium  | 150-2 | 0        | 0        | 3        | 1        | 173.21 | cps   |
| Nickel     | 60-2  | 57646    | 57598    | 57646    | 57630    | 0.05   | cps   |
| Phosphorus | 31-2  | 1067     | 850      | 867      | 928      | 13.00  | cps   |
| Potassium  | 39-2  | 85283    | 84135    | 86157    | 85191    | 1.19   | cps   |
| Rhodium    | 103-1 | 8561946  | 8523411  | 8590865  | 8558740  | 0.40   | cps   |
| Rhodium    | 103-2 | 2129199  | 2212820  | 2237554  | 2193191  | 2.59   | cps   |
| Scandium   | 45-1  | 5121135  | 5111287  | 5197351  | 5143258  | 0.92   | cps   |
| Scandium   | 45-2  | 35382    | 36608    | 36725    | 36238    | 2.05   | cps   |
| Selenium   | 77-2  | 80       | 70       | 67       | 72       | 9.61   | cps   |
| Selenium   | 78-2  | 219      | 224      | 224      | 222      | 1.44   | cps   |
| Selenium   | 82-1  | 13744    | 13761    | 14209    | 13905    | 1.90   | cps   |
| Silicon    | 28-1  | 766565   | 768868   | 773893   | 769776   | 0.49   | cps   |
| Silver     | 109-1 | 1120694  | 1128736  | 1109067  | 1119499  | 0.88   | cps   |
| Silver     | 107-1 | 1166419  | 1165093  | 1164617  | 1165377  | 0.08   | cps   |
| Sodium     | 23-2  | 755663   | 755028   | 750389   | 753693   | 0.38   | cps   |
| Strontium  | 86-1  | 279441   | 281537   | 277508   | 279495   | 0.72   | cps   |
| Strontium  | 88-1  | 2449976  | 2489604  | 2469155  | 2469579  | 0.80   | cps   |
| Sulfur     | 34-1  | 415027   | 418799   | 415728   | 416518   | 0.48   | cps   |
| Terbium    | 159-1 | 12894178 | 12667549 | 12924999 | 12828909 | 1.10   | cps   |
| Terbium    | 159-2 | 2241576  | 2385529  | 2380668  | 2335924  | 3.50   | cps   |
| Thallium   | 203-1 | 986004   | 983546   | 980227   | 983259   | 0.29   | cps   |
| Thallium   | 205-1 | 2383818  | 2389435  | 2380255  | 2384503  | 0.19   | cps   |
| Tin        | 118-1 | 770620   | 765452   | 765571   | 767214   | 0.38   | cps   |
| Titanium   | 47-1  | 570838   | 570478   | 565180   | 568832   | 0.56   | cps   |
| Uranium    | 238-1 | 3342934  | 3326510  | 3229094  | 3299513  | 1.86   | cps   |
| Vanadium   | 51-2  | 66085    | 65556    | 66601    | 66081    | 0.79   | cps   |
| Yttrium    | 89-1  | 9308119  | 9294518  | 9405700  | 9336112  | 0.65   | cps   |
| Yttrium    | 89-2  | 251136   | 263689   | 264313   | 259713   | 2.86   | cps   |
| Zinc       | 66-2  | 29762    | 29795    | 29826    | 29794    | 0.11   | cps   |

|                         |                     |                   |                     |
|-------------------------|---------------------|-------------------|---------------------|
| LB Number :             | LB97237             | Operator :        | Jaswal              |
| Lab Sample ID :         | S4                  | Instrumnet Name : | P8                  |
| Client Sample ID :      | S4                  | Dilution Factor : | 1                   |
| Date & Time Acquired :: | 2018-08-10 12:07:51 | DataFile Name :   | 007CALS_P8081018-MS |

| Parameter | Mass | CPS1    | CPS2    | CPS3    | CPSMean | CPSRSD | Units |
|-----------|------|---------|---------|---------|---------|--------|-------|
| Zirconium | 90-1 | 1544828 | 1539948 | 1537325 | 1540701 | 0.25   | cps   |
| Zirconium | 91-1 | 336230  | 337723  | 336978  | 336977  | 0.22   | cps   |

|                         |                     |                   |                     |
|-------------------------|---------------------|-------------------|---------------------|
| LB Number :             | LB97237             | Operator :        | Jaswal              |
| Lab Sample ID :         | S5                  | Instrumnet Name : | P8                  |
| Client Sample ID :      | S5                  | Dilution Factor : | 1                   |
| Date & Time Acquired :: | 2018-08-10 12:11:26 | DataFile Name :   | 008CAL5_P8081018-MS |

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|------------|-------|----------|----------|----------|----------|--------|-------|
| Aluminium  | 27-2  | 25539    | 25910    | 25893    | 25781    | 0.81   | cps   |
| Antimony   | 121-1 | 2259882  | 2276622  | 2287205  | 2274570  | 0.61   | cps   |
| Arsenic    | 75-2  | 20586    | 20291    | 20888    | 20588    | 1.45   | cps   |
| Barium     | 135-1 | 2391784  | 2414647  | 2413185  | 2406539  | 0.53   | cps   |
| Barium     | 137-1 | 4145126  | 4198557  | 4178798  | 4174160  | 0.65   | cps   |
| Beryllium  | 9-1   | 279527   | 280378   | 279095   | 279667   | 0.23   | cps   |
| Bismuth    | 209-1 | 8463034  | 7855758  | 7651217  | 7990003  | 5.28   | cps   |
| Bismuth    | 209-2 | 2081501  | 2062388  | 1971148  | 2038346  | 2.89   | cps   |
| Boron      | 10-1  | 32287    | 33181    | 33348    | 32939    | 1.73   | cps   |
| Boron      | 11-1  | 151374   | 154524   | 157708   | 154535   | 2.05   | cps   |
| Cadmium    | 111-1 | 478313   | 478266   | 478214   | 478264   | 0.01   | cps   |
| Cadmium    | 106-1 | 51273    | 52570    | 52470    | 52105    | 1.38   | cps   |
| Cadmium    | 108-1 | 34448    | 33910    | 34373    | 34244    | 0.85   | cps   |
| Calcium    | 43-1  | 462515   | 465314   | 459920   | 462583   | 0.58   | cps   |
| Calcium    | 44-1  | 7520526  | 7597960  | 7445094  | 7521193  | 1.02   | cps   |
| Chromium   | 52-2  | 178842   | 177553   | 178113   | 178169   | 0.36   | cps   |
| Cobalt     | 59-2  | 389848   | 387190   | 388056   | 388365   | 0.35   | cps   |
| Copper     | 63-2  | 675178   | 673339   | 673675   | 674064   | 0.15   | cps   |
| Dysprosium | 156-1 | 42       | 67       | 58       | 56       | 22.91  | cps   |
| Dysprosium | 156-2 | 10       | 0        | 0        | 3        | 173.21 | cps   |
| Erbium     | 164-1 | 33       | 92       | 58       | 61       | 47.89  | cps   |
| Erbium     | 164-2 | 13       | 3        | 7        | 8        | 65.47  | cps   |
| Gadolinium | 160-1 | 33       | 108      | 67       | 69       | 54.12  | cps   |
| Gadolinium | 160-2 | 10       | 0        | 0        | 3        | 173.21 | cps   |
| Holmium    | 165-1 | 12587004 | 11982537 | 11489504 | 12019682 | 4.57   | cps   |
| Holmium    | 165-2 | 2538197  | 2502005  | 2397373  | 2479192  | 2.95   | cps   |
| Indium     | 115-1 | 9344953  | 8703720  | 8498331  | 8849001  | 4.99   | cps   |
| Indium     | 115-2 | 355976   | 355108   | 346053   | 352379   | 1.56   | cps   |
| Iron       | 56-2  | 6039145  | 6030228  | 6019364  | 6029579  | 0.16   | cps   |
| Iron       | 57-2  | 151155   | 151530   | 151986   | 151557   | 0.27   | cps   |
| Krypton    | 83-1  | 253      | 303      | 327      | 294      | 12.72  | cps   |
| Lead       | 206-1 | 1573268  | 1597279  | 1576187  | 1582244  | 0.83   | cps   |
| Lead       | 207-1 | 1439199  | 1460232  | 1448813  | 1449415  | 0.73   | cps   |
| Lead       | 208-1 | 6587983  | 6640865  | 6547020  | 6591956  | 0.71   | cps   |
| Lithium    | 6-1   | 1596335  | 1494986  | 1420004  | 1503775  | 5.88   | cps   |
| Magnesium  | 24-2  | 661363   | 661368   | 664854   | 662528   | 0.30   | cps   |

|                         |                     |                   |                     |
|-------------------------|---------------------|-------------------|---------------------|
| LB Number :             | LB97237             | Operator :        | Jaswal              |
| Lab Sample ID :         | S5                  | Instrumnet Name : | P8                  |
| Client Sample ID :      | S5                  | Dilution Factor : | 1                   |
| Date & Time Acquired :: | 2018-08-10 12:11:26 | DataFile Name :   | 008CAL5_P8081018-MS |

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|------------|-------|----------|----------|----------|----------|--------|-------|
| Manganese  | 55-2  | 100243   | 99662    | 99837    | 99914    | 0.30   | cps   |
| Molybdenum | 94-1  | 3688150  | 3718832  | 3706552  | 3704511  | 0.42   | cps   |
| Molybdenum | 95-1  | 4562688  | 4582127  | 4528148  | 4557654  | 0.60   | cps   |
| Molybdenum | 96-1  | 5075893  | 5043067  | 5057443  | 5058801  | 0.33   | cps   |
| Molybdenum | 97-1  | 2881049  | 2903264  | 2873618  | 2885977  | 0.53   | cps   |
| Molybdenum | 98-1  | 7230360  | 7324243  | 7219663  | 7258089  | 0.79   | cps   |
| Neodymium  | 150-1 | 113      | 127      | 107      | 116      | 8.81   | cps   |
| Neodymium  | 150-2 | 0        | 0        | 3        | 1        | 173.21 | cps   |
| Nickel     | 60-2  | 116193   | 114731   | 114277   | 115067   | 0.87   | cps   |
| Phosphorus | 31-2  | 1417     | 1425     | 1650     | 1497     | 8.84   | cps   |
| Potassium  | 39-2  | 163504   | 165008   | 163001   | 163838   | 0.64   | cps   |
| Rhodium    | 103-1 | 8566620  | 8010364  | 7762769  | 8113251  | 5.07   | cps   |
| Rhodium    | 103-2 | 2216162  | 2194110  | 2156096  | 2188789  | 1.39   | cps   |
| Scandium   | 45-1  | 5247427  | 4822166  | 4716645  | 4928746  | 5.70   | cps   |
| Scandium   | 45-2  | 36925    | 36982    | 35361    | 36423    | 2.53   | cps   |
| Selenium   | 77-2  | 143      | 130      | 130      | 134      | 5.73   | cps   |
| Selenium   | 78-2  | 483      | 469      | 494      | 482      | 2.70   | cps   |
| Selenium   | 82-1  | 28057    | 28048    | 28025    | 28043    | 0.06   | cps   |
| Silicon    | 28-1  | 1132942  | 1143793  | 1128460  | 1135065  | 0.69   | cps   |
| Silver     | 109-1 | 2286538  | 2237542  | 2241069  | 2255049  | 1.21   | cps   |
| Silver     | 107-1 | 2396970  | 2377014  | 2389834  | 2387939  | 0.42   | cps   |
| Sodium     | 23-2  | 1497927  | 1507277  | 1506298  | 1503834  | 0.34   | cps   |
| Strontium  | 86-1  | 559759   | 565341   | 565974   | 563692   | 0.61   | cps   |
| Strontium  | 88-1  | 4859948  | 4892485  | 4914163  | 4888865  | 0.56   | cps   |
| Sulfur     | 34-1  | 478737   | 478557   | 478514   | 478602   | 0.02   | cps   |
| Terbium    | 159-1 | 13060417 | 12123549 | 11785791 | 12323252 | 5.36   | cps   |
| Terbium    | 159-2 | 2350429  | 2345725  | 2326050  | 2340735  | 0.55   | cps   |
| Thallium   | 203-1 | 1949402  | 1996720  | 1997164  | 1981095  | 1.39   | cps   |
| Thallium   | 205-1 | 4666578  | 4706978  | 4760537  | 4711364  | 1.00   | cps   |
| Tin        | 118-1 | 1529174  | 1569195  | 1559314  | 1552561  | 1.34   | cps   |
| Titanium   | 47-1  | 1134447  | 1157407  | 1144540  | 1145464  | 1.00   | cps   |
| Uranium    | 238-1 | 6602737  | 6606681  | 6572226  | 6593882  | 0.29   | cps   |
| Vanadium   | 51-2  | 130757   | 130485   | 130443   | 130562   | 0.13   | cps   |
| Yttrium    | 89-1  | 9505246  | 8912625  | 8576755  | 8998209  | 5.22   | cps   |
| Yttrium    | 89-2  | 262258   | 262681   | 252635   | 259191   | 2.19   | cps   |
| Zinc       | 66-2  | 59323    | 59062    | 59169    | 59185    | 0.22   | cps   |

|                         |                     |                   |                     |
|-------------------------|---------------------|-------------------|---------------------|
| LB Number :             | LB97237             | Operator :        | Jaswal              |
| Lab Sample ID :         | S5                  | Instrumnet Name : | P8                  |
| Client Sample ID :      | S5                  | Dilution Factor : | 1                   |
| Date & Time Acquired :: | 2018-08-10 12:11:26 | DataFile Name :   | 008CALS_P8081018-MS |

| Parameter | Mass | CPS1    | CPS2    | CPS3    | CPSMean | CPSRSD | Units |
|-----------|------|---------|---------|---------|---------|--------|-------|
| Zirconium | 90-1 | 3095103 | 3124052 | 3086051 | 3101736 | 0.64   | cps   |
| Zirconium | 91-1 | 681319  | 683402  | 682310  | 682343  | 0.15   | cps   |

|                         |                     |                   |                     |
|-------------------------|---------------------|-------------------|---------------------|
| LB Number :             | LB97237             | Operator :        | Jaswal              |
| Lab Sample ID :         | S6                  | Instrumnet Name : | P8                  |
| Client Sample ID :      | S6                  | Dilution Factor : | 1                   |
| Date & Time Acquired :: | 2018-08-10 12:14:57 | DataFile Name :   | 009CAL5_P8081018-MS |

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|------------|-------|----------|----------|----------|----------|--------|-------|
| Aluminium  | 27-2  | 51458    | 51990    | 51405    | 51618    | 0.63   | cps   |
| Antimony   | 121-1 | 4429745  | 4466734  | 4504765  | 4467081  | 0.84   | cps   |
| Arsenic    | 75-2  | 41100    | 40621    | 40558    | 40759    | 0.73   | cps   |
| Barium     | 135-1 | 4715998  | 4710655  | 4740418  | 4722357  | 0.34   | cps   |
| Barium     | 137-1 | 8274692  | 8177092  | 8269628  | 8240470  | 0.67   | cps   |
| Beryllium  | 9-1   | 550786   | 543684   | 552408   | 548959   | 0.85   | cps   |
| Bismuth    | 209-1 | 8428469  | 8502723  | 8145899  | 8359031  | 2.25   | cps   |
| Bismuth    | 209-2 | 2001503  | 1986812  | 2023920  | 2004078  | 0.93   | cps   |
| Boron      | 10-1  | 65350    | 66128    | 64939    | 65472    | 0.92   | cps   |
| Boron      | 11-1  | 299358   | 308209   | 310710   | 306092   | 1.95   | cps   |
| Cadmium    | 111-1 | 940273   | 940425   | 937699   | 939466   | 0.16   | cps   |
| Cadmium    | 106-1 | 101379   | 101564   | 100682   | 101208   | 0.46   | cps   |
| Cadmium    | 108-1 | 67987    | 67200    | 67744    | 67644    | 0.60   | cps   |
| Calcium    | 43-1  | 917509   | 915547   | 916975   | 916677   | 0.11   | cps   |
| Calcium    | 44-1  | 14992260 | 15076032 | 14906197 | 14991496 | 0.57   | cps   |
| Chromium   | 52-2  | 350857   | 352227   | 351338   | 351474   | 0.20   | cps   |
| Cobalt     | 59-2  | 766774   | 764086   | 766523   | 765794   | 0.19   | cps   |
| Copper     | 63-2  | 1326148  | 1322829  | 1325953  | 1324977  | 0.14   | cps   |
| Dysprosium | 156-1 | 83       | 58       | 75       | 72       | 17.62  | cps   |
| Dysprosium | 156-2 | 7        | 17       | 0        | 8        | 107.84 | cps   |
| Erbium     | 164-1 | 25       | 42       | 67       | 44       | 47.19  | cps   |
| Erbium     | 164-2 | 7        | 3        | 10       | 7        | 50.03  | cps   |
| Gadolinium | 160-1 | 100      | 142      | 108      | 117      | 18.90  | cps   |
| Gadolinium | 160-2 | 13       | 7        | 10       | 10       | 33.30  | cps   |
| Holmium    | 165-1 | 12829026 | 12830836 | 12480613 | 12713492 | 1.59   | cps   |
| Holmium    | 165-2 | 2414481  | 2451973  | 2458418  | 2441624  | 0.97   | cps   |
| Indium     | 115-1 | 9201641  | 9186088  | 8978786  | 9122172  | 1.36   | cps   |
| Indium     | 115-2 | 342427   | 340797   | 343100   | 342108   | 0.35   | cps   |
| Iron       | 56-2  | 11958557 | 11890170 | 11834679 | 11894469 | 0.52   | cps   |
| Iron       | 57-2  | 298726   | 297678   | 300606   | 299004   | 0.50   | cps   |
| Krypton    | 83-1  | 333      | 360      | 257      | 317      | 16.94  | cps   |
| Lead       | 206-1 | 3210970  | 3202385  | 3212473  | 3208609  | 0.17   | cps   |
| Lead       | 207-1 | 2960752  | 2932040  | 2943190  | 2945327  | 0.49   | cps   |
| Lead       | 208-1 | 13223967 | 13142399 | 13148705 | 13171690 | 0.34   | cps   |
| Lithium    | 6-1   | 1578806  | 1571237  | 1518367  | 1556137  | 2.12   | cps   |
| Magnesium  | 24-2  | 1339665  | 1328809  | 1326276  | 1331583  | 0.53   | cps   |



|                         |                     |                   |                     |
|-------------------------|---------------------|-------------------|---------------------|
| LB Number :             | LB97237             | Operator :        | Jaswal              |
| Lab Sample ID :         | S6                  | Instrumnet Name : | P8                  |
| Client Sample ID :      | S6                  | Dilution Factor : | 1                   |
| Date & Time Acquired :: | 2018-08-10 12:14:57 | DataFile Name :   | 009CAL5_P8081018-MS |

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|------------|-------|----------|----------|----------|----------|--------|-------|
| Manganese  | 55-2  | 197400   | 195568   | 196274   | 196414   | 0.47   | cps   |
| Molybdenum | 94-1  | 7233944  | 7327739  | 7317731  | 7293138  | 0.71   | cps   |
| Molybdenum | 95-1  | 8964587  | 8993746  | 8873445  | 8943926  | 0.70   | cps   |
| Molybdenum | 96-1  | 10019533 | 9978090  | 9979931  | 9992518  | 0.23   | cps   |
| Molybdenum | 97-1  | 5556096  | 5658102  | 5667690  | 5627296  | 1.10   | cps   |
| Molybdenum | 98-1  | 14465327 | 14431817 | 14390464 | 14429203 | 0.26   | cps   |
| Neodymium  | 150-1 | 253      | 300      | 280      | 278      | 8.43   | cps   |
| Neodymium  | 150-2 | 10       | 0        | 0        | 3        | 173.21 | cps   |
| Nickel     | 60-2  | 225850   | 224263   | 225056   | 225056   | 0.35   | cps   |
| Phosphorus | 31-2  | 3442     | 3159     | 3101     | 3234     | 5.65   | cps   |
| Potassium  | 39-2  | 321987   | 323234   | 322567   | 322596   | 0.19   | cps   |
| Rhodium    | 103-1 | 8521623  | 8437680  | 8221326  | 8393543  | 1.85   | cps   |
| Rhodium    | 103-2 | 2178288  | 2130107  | 2123558  | 2143984  | 1.39   | cps   |
| Scandium   | 45-1  | 5192397  | 5269011  | 4962717  | 5141375  | 3.10   | cps   |
| Scandium   | 45-2  | 36558    | 35799    | 35415    | 35924    | 1.62   | cps   |
| Selenium   | 77-2  | 263      | 350      | 217      | 277      | 24.46  | cps   |
| Selenium   | 78-2  | 919      | 970      | 885      | 925      | 4.64   | cps   |
| Selenium   | 82-1  | 55243    | 55653    | 55833    | 55577    | 0.54   | cps   |
| Silicon    | 28-1  | 1895428  | 1869316  | 1887949  | 1884231  | 0.71   | cps   |
| Silver     | 109-1 | 4456612  | 4364255  | 4371749  | 4397539  | 1.17   | cps   |
| Silver     | 107-1 | 4651410  | 4622573  | 4677092  | 4650359  | 0.59   | cps   |
| Sodium     | 23-2  | 2974702  | 2963220  | 2943313  | 2960412  | 0.54   | cps   |
| Strontium  | 86-1  | 1127210  | 1121848  | 1122909  | 1123989  | 0.25   | cps   |
| Strontium  | 88-1  | 9579412  | 9669735  | 9667216  | 9638788  | 0.53   | cps   |
| Sulfur     | 34-1  | 613023   | 607044   | 605009   | 608359   | 0.68   | cps   |
| Terbium    | 159-1 | 13086683 | 12950635 | 12794264 | 12943861 | 1.13   | cps   |
| Terbium    | 159-2 | 2325123  | 2321729  | 2315147  | 2320666  | 0.22   | cps   |
| Thallium   | 203-1 | 3941735  | 3936358  | 3953086  | 3943726  | 0.22   | cps   |
| Thallium   | 205-1 | 9421182  | 9257826  | 9316377  | 9331795  | 0.89   | cps   |
| Tin        | 118-1 | 3072959  | 3070229  | 3069712  | 3070967  | 0.06   | cps   |
| Titanium   | 47-1  | 2300212  | 2293455  | 2270666  | 2288111  | 0.68   | cps   |
| Uranium    | 238-1 | 13092131 | 13046133 | 13156690 | 13098318 | 0.42   | cps   |
| Vanadium   | 51-2  | 259833   | 260038   | 261078   | 260316   | 0.26   | cps   |
| Yttrium    | 89-1  | 9375022  | 9473058  | 9161476  | 9336519  | 1.71   | cps   |
| Yttrium    | 89-2  | 256663   | 256333   | 257546   | 256847   | 0.24   | cps   |
| Zinc       | 66-2  | 115983   | 116164   | 116460   | 116202   | 0.21   | cps   |

|                         |                     |                   |                     |
|-------------------------|---------------------|-------------------|---------------------|
| LB Number :             | LB97237             | Operator :        | Jaswal              |
| Lab Sample ID :         | S6                  | Instrumnet Name : | P8                  |
| Client Sample ID :      | S6                  | Dilution Factor : | 1                   |
| Date & Time Acquired :: | 2018-08-10 12:14:57 | DataFile Name :   | 009CALS_P8081018-MS |

| Parameter | Mass | CPS1    | CPS2    | CPS3    | CPSMean | CPSRSD | Units |
|-----------|------|---------|---------|---------|---------|--------|-------|
| Zirconium | 90-1 | 6113938 | 6006603 | 6120529 | 6080356 | 1.05   | cps   |
| Zirconium | 91-1 | 1352302 | 1349446 | 1352722 | 1351490 | 0.13   | cps   |

|                         |                     |                   |                     |
|-------------------------|---------------------|-------------------|---------------------|
| LB Number :             | LB97237             | Operator :        | Jaswal              |
| Lab Sample ID :         | S7                  | Instrumnet Name : | P8                  |
| Client Sample ID :      | S7                  | Dilution Factor : | 1                   |
| Date & Time Acquired :: | 2018-08-10 12:18:24 | DataFile Name :   | 010CAL5_P8081018-MS |

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|------------|-------|----------|----------|----------|----------|--------|-------|
| Aluminium  | 27-2  | 104016   | 103102   | 103583   | 103567   | 0.44   | cps   |
| Antimony   | 121-1 | 8909613  | 8922578  | 8866996  | 8899729  | 0.33   | cps   |
| Arsenic    | 75-2  | 81015    | 80803    | 80497    | 80772    | 0.32   | cps   |
| Barium     | 135-1 | 9466448  | 9488492  | 9326977  | 9427306  | 0.93   | cps   |
| Barium     | 137-1 | 16564447 | 16580650 | 16484148 | 16543082 | 0.31   | cps   |
| Beryllium  | 9-1   | 1089748  | 1096250  | 1089160  | 1091719  | 0.36   | cps   |
| Bismuth    | 209-1 | 8237344  | 8264383  | 8241222  | 8247650  | 0.18   | cps   |
| Bismuth    | 209-2 | 1860780  | 1947512  | 2008142  | 1938811  | 3.82   | cps   |
| Boron      | 10-1  | 125553   | 131488   | 134164   | 130402   | 3.38   | cps   |
| Boron      | 11-1  | 599513   | 617855   | 621124   | 612831   | 1.90   | cps   |
| Cadmium    | 111-1 | 1870122  | 1880058  | 1871163  | 1873781  | 0.29   | cps   |
| Cadmium    | 106-1 | 198178   | 197891   | 198244   | 198104   | 0.09   | cps   |
| Cadmium    | 108-1 | 133296   | 133549   | 133313   | 133386   | 0.11   | cps   |
| Calcium    | 43-1  | 1871258  | 1857514  | 1845601  | 1858124  | 0.69   | cps   |
| Calcium    | 44-1  | 29813870 | 29712214 | 29562478 | 29696187 | 0.43   | cps   |
| Chromium   | 52-2  | 705653   | 695990   | 699849   | 700497   | 0.69   | cps   |
| Cobalt     | 59-2  | 1566379  | 1520340  | 1538603  | 1541774  | 1.50   | cps   |
| Copper     | 63-2  | 2645579  | 2596849  | 2633286  | 2625238  | 0.97   | cps   |
| Dysprosium | 156-1 | 117      | 125      | 117      | 119      | 4.03   | cps   |
| Dysprosium | 156-2 | 0        | 13       | 3        | 6        | 124.93 | cps   |
| Erbium     | 164-1 | 42       | 33       | 50       | 42       | 20.00  | cps   |
| Erbium     | 164-2 | 0        | 17       | 3        | 7        | 132.33 | cps   |
| Gadolinium | 160-1 | 75       | 108      | 75       | 86       | 22.35  | cps   |
| Gadolinium | 160-2 | 13       | 13       | 27       | 18       | 43.33  | cps   |
| Holmium    | 165-1 | 12567571 | 12692392 | 12629534 | 12629832 | 0.49   | cps   |
| Holmium    | 165-2 | 2347035  | 2405632  | 2494784  | 2415817  | 3.08   | cps   |
| Indium     | 115-1 | 8966989  | 9080135  | 8975461  | 9007528  | 0.70   | cps   |
| Indium     | 115-2 | 320541   | 332788   | 342574   | 331968   | 3.33   | cps   |
| Iron       | 56-2  | 23904904 | 23737775 | 23616928 | 23753202 | 0.61   | cps   |
| Iron       | 57-2  | 601877   | 595574   | 594252   | 597234   | 0.68   | cps   |
| Krypton    | 83-1  | 293      | 343      | 323      | 320      | 7.86   | cps   |
| Lead       | 206-1 | 6309506  | 6290765  | 6264954  | 6288408  | 0.36   | cps   |
| Lead       | 207-1 | 5760763  | 5704853  | 5658928  | 5708181  | 0.89   | cps   |
| Lead       | 208-1 | 25910397 | 25832881 | 25749697 | 25830991 | 0.31   | cps   |
| Lithium    | 6-1   | 1514417  | 1521807  | 1549221  | 1528482  | 1.20   | cps   |
| Magnesium  | 24-2  | 2619902  | 2629189  | 2597257  | 2615449  | 0.63   | cps   |

|                         |                     |                   |                     |
|-------------------------|---------------------|-------------------|---------------------|
| LB Number :             | LB97237             | Operator :        | Jaswal              |
| Lab Sample ID :         | S7                  | Instrumnet Name : | P8                  |
| Client Sample ID :      | S7                  | Dilution Factor : | 1                   |
| Date & Time Acquired :: | 2018-08-10 12:18:24 | DataFile Name :   | 010CAL5_P8081018-MS |

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|------------|-------|----------|----------|----------|----------|--------|-------|
| Manganese  | 55-2  | 393355   | 393031   | 394933   | 393773   | 0.26   | cps   |
| Molybdenum | 94-1  | 14735814 | 14610428 | 14520026 | 14622089 | 0.74   | cps   |
| Molybdenum | 95-1  | 17985396 | 17862697 | 17991362 | 17946485 | 0.40   | cps   |
| Molybdenum | 96-1  | 20119544 | 20093788 | 20001844 | 20071725 | 0.31   | cps   |
| Molybdenum | 97-1  | 11279382 | 11368575 | 11291078 | 11313011 | 0.43   | cps   |
| Molybdenum | 98-1  | 28850320 | 28843987 | 28842262 | 28845523 | 0.01   | cps   |
| Neodymium  | 150-1 | 347      | 440      | 340      | 376      | 14.89  | cps   |
| Neodymium  | 150-2 | 3        | 10       | 13       | 9        | 57.30  | cps   |
| Nickel     | 60-2  | 444420   | 439837   | 444266   | 442841   | 0.59   | cps   |
| Phosphorus | 31-2  | 6160     | 6085     | 6493     | 6246     | 3.48   | cps   |
| Potassium  | 39-2  | 645587   | 639983   | 643955   | 643175   | 0.45   | cps   |
| Rhodium    | 103-1 | 8141482  | 8173349  | 8227654  | 8180828  | 0.53   | cps   |
| Rhodium    | 103-2 | 2033183  | 2100972  | 2155006  | 2096387  | 2.91   | cps   |
| Scandium   | 45-1  | 4989178  | 5051727  | 5042642  | 5027849  | 0.67   | cps   |
| Scandium   | 45-2  | 34623    | 36076    | 36598    | 35766    | 2.86   | cps   |
| Selenium   | 77-2  | 560      | 577      | 480      | 539      | 9.59   | cps   |
| Selenium   | 78-2  | 1989     | 1817     | 1896     | 1901     | 4.54   | cps   |
| Selenium   | 82-1  | 109779   | 109969   | 109683   | 109810   | 0.13   | cps   |
| Silicon    | 28-1  | 3347012  | 3323300  | 3308234  | 3326182  | 0.59   | cps   |
| Silver     | 109-1 | 8530903  | 8620508  | 8562975  | 8571462  | 0.53   | cps   |
| Silver     | 107-1 | 9094904  | 9120674  | 9071082  | 9095554  | 0.27   | cps   |
| Sodium     | 23-2  | 5881264  | 5837194  | 5828813  | 5849090  | 0.48   | cps   |
| Strontium  | 86-1  | 2255103  | 2250950  | 2242126  | 2249393  | 0.29   | cps   |
| Strontium  | 88-1  | 19332548 | 19155501 | 19314549 | 19267533 | 0.51   | cps   |
| Sulfur     | 34-1  | 871494   | 873439   | 873411   | 872781   | 0.13   | cps   |
| Terbium    | 159-1 | 12751748 | 12886856 | 12895911 | 12844838 | 0.63   | cps   |
| Terbium    | 159-2 | 2249942  | 2302887  | 2381546  | 2311458  | 2.86   | cps   |
| Thallium   | 203-1 | 7725015  | 7738625  | 7745718  | 7736453  | 0.14   | cps   |
| Thallium   | 205-1 | 18629306 | 18585809 | 18634376 | 18616497 | 0.14   | cps   |
| Tin        | 118-1 | 6121947  | 6101835  | 6057225  | 6093669  | 0.54   | cps   |
| Titanium   | 47-1  | 4499765  | 4522780  | 4500460  | 4507668  | 0.29   | cps   |
| Uranium    | 238-1 | 26511891 | 26280699 | 26018255 | 26270282 | 0.94   | cps   |
| Vanadium   | 51-2  | 522577   | 515810   | 520163   | 519517   | 0.66   | cps   |
| Yttrium    | 89-1  | 9215669  | 9244130  | 9254546  | 9238115  | 0.22   | cps   |
| Yttrium    | 89-2  | 246864   | 254432   | 260222   | 253840   | 2.64   | cps   |
| Zinc       | 66-2  | 229664   | 226286   | 229872   | 228608   | 0.88   | cps   |

|                         |                     |                   |                     |
|-------------------------|---------------------|-------------------|---------------------|
| LB Number :             | LB97237             | Operator :        | Jaswal              |
| Lab Sample ID :         | S7                  | Instrumnet Name : | P8                  |
| Client Sample ID :      | S7                  | Dilution Factor : | 1                   |
| Date & Time Acquired :: | 2018-08-10 12:18:24 | DataFile Name :   | 010CALS_P8081018-MS |

| Parameter | Mass | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|-----------|------|----------|----------|----------|----------|--------|-------|
| Zirconium | 90-1 | 12177427 | 12134924 | 12072181 | 12128178 | 0.44   | cps   |
| Zirconium | 91-1 | 2758870  | 2729832  | 2732640  | 2740447  | 0.58   | cps   |

|                         |                     |                   |                     |
|-------------------------|---------------------|-------------------|---------------------|
| LB Number :             | LB97237             | Operator :        | Jaswal              |
| Lab Sample ID :         | S8                  | Instrumnet Name : | P8                  |
| Client Sample ID :      | S8                  | Dilution Factor : | 1                   |
| Date & Time Acquired :: | 2018-08-10 12:21:47 | DataFile Name :   | 011CAL5_P8081018-MS |

| Parameter  | Mass  | CPS1      | CPS2      | CPS3      | CPSMean   | CPSRSD | Units |
|------------|-------|-----------|-----------|-----------|-----------|--------|-------|
| Aluminium  | 27-2  | 560953    | 560522    | 565100    | 562192    | 0.45   | cps   |
| Antimony   | 121-1 | 23305     | 22653     | 21435     | 22464     | 4.22   | cps   |
| Arsenic    | 75-2  | 170       | 143       | 150       | 154       | 9.32   | cps   |
| Barium     | 135-1 | 1867      | 1717      | 1567      | 1717      | 8.74   | cps   |
| Barium     | 137-1 | 3017      | 3026      | 3009      | 3017      | 0.28   | cps   |
| Beryllium  | 9-1   | 639       | 678       | 622       | 646       | 4.41   | cps   |
| Bismuth    | 209-1 | 7262630   | 7645989   | 7432252   | 7446957   | 2.58   | cps   |
| Bismuth    | 209-2 | 1930941   | 1865061   | 1908066   | 1901356   | 1.76   | cps   |
| Boron      | 10-1  | 6977      | 6010      | 5660      | 6216      | 10.98  | cps   |
| Boron      | 11-1  | 30233     | 27928     | 26216     | 28126     | 7.17   | cps   |
| Cadmium    | 111-1 | 1996      | 1826      | 1932      | 1918      | 4.46   | cps   |
| Cadmium    | 106-1 | 2184      | 2025      | 2200      | 2136      | 4.52   | cps   |
| Cadmium    | 108-1 | 71        | 71        | 42        | 61        | 27.55  | cps   |
| Calcium    | 43-1  | 9139125   | 9237255   | 9370068   | 9248816   | 1.25   | cps   |
| Calcium    | 44-1  | 150738224 | 151389237 | 153631116 | 151919526 | 1.00   | cps   |
| Chromium   | 52-2  | 28289     | 28332     | 29595     | 28739     | 2.58   | cps   |
| Cobalt     | 59-2  | 19213     | 19207     | 19370     | 19264     | 0.48   | cps   |
| Copper     | 63-2  | 7425      | 7382      | 7799      | 7536      | 3.04   | cps   |
| Dysprosium | 156-1 | 117       | 150       | 92        | 119       | 24.50  | cps   |
| Dysprosium | 156-2 | 7         | 23        | 13        | 14        | 58.06  | cps   |
| Erbium     | 164-1 | 42        | 92        | 58        | 64        | 39.85  | cps   |
| Erbium     | 164-2 | 7         | 3         | 3         | 4         | 43.40  | cps   |
| Gadolinium | 160-1 | 100       | 108       | 133       | 114       | 15.23  | cps   |
| Gadolinium | 160-2 | 33        | 23        | 13        | 23        | 42.86  | cps   |
| Holmium    | 165-1 | 11780211  | 12093939  | 12054879  | 11976343  | 1.43   | cps   |
| Holmium    | 165-2 | 2505927   | 2443430   | 2493572   | 2480976   | 1.33   | cps   |
| Indium     | 115-1 | 8414492   | 8639391   | 8646577   | 8566820   | 1.54   | cps   |
| Indium     | 115-2 | 358314    | 348745    | 353690    | 353583    | 1.35   | cps   |
| Iron       | 56-2  | 120305761 | 121477792 | 121778025 | 121187193 | 0.64   | cps   |
| Iron       | 57-2  | 3077657   | 3047300   | 3057863   | 3060940   | 0.50   | cps   |
| Krypton    | 83-1  | 323       | 340       | 343       | 336       | 3.19   | cps   |
| Lead       | 206-1 | 38180     | 39172     | 36988     | 38113     | 2.87   | cps   |
| Lead       | 207-1 | 33311     | 33061     | 32147     | 32839     | 1.87   | cps   |
| Lead       | 208-1 | 153683    | 154258    | 149192    | 152377    | 1.82   | cps   |
| Lithium    | 6-1   | 1481062   | 1533734   | 1548858   | 1521218   | 2.34   | cps   |
| Magnesium  | 24-2  | 13566749  | 13599352  | 13739106  | 13635069  | 0.67   | cps   |

|                         |                     |                   |                     |
|-------------------------|---------------------|-------------------|---------------------|
| LB Number :             | LB97237             | Operator :        | Jaswal              |
| Lab Sample ID :         | S8                  | Instrumnet Name : | P8                  |
| Client Sample ID :      | S8                  | Dilution Factor : | 1                   |
| Date & Time Acquired :: | 2018-08-10 12:21:47 | DataFile Name :   | 011CAL5_P8081018-MS |

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|------------|-------|----------|----------|----------|----------|--------|-------|
| Manganese  | 55-2  | 2057     | 2167     | 2117     | 2114     | 2.61   | cps   |
| Molybdenum | 94-1  | 20667    | 18647    | 18296    | 19203    | 6.66   | cps   |
| Molybdenum | 95-1  | 30736    | 28790    | 30268    | 29931    | 3.39   | cps   |
| Molybdenum | 96-1  | 33743    | 35422    | 34153    | 34439    | 2.54   | cps   |
| Molybdenum | 97-1  | 19690    | 18196    | 18613    | 18833    | 4.09   | cps   |
| Molybdenum | 98-1  | 50453    | 49115    | 47559    | 49043    | 2.95   | cps   |
| Neodymium  | 150-1 | 73       | 147      | 120      | 113      | 32.75  | cps   |
| Neodymium  | 150-2 | 17       | 7        | 7        | 10       | 57.72  | cps   |
| Nickel     | 60-2  | 14818    | 15068    | 14995    | 14960    | 0.86   | cps   |
| Phosphorus | 31-2  | 25       | 0        | 8        | 11       | 114.58 | cps   |
| Potassium  | 39-2  | 3477579  | 3487908  | 3527951  | 3497813  | 0.76   | cps   |
| Rhodium    | 103-1 | 7563724  | 7775138  | 7670782  | 7669881  | 1.38   | cps   |
| Rhodium    | 103-2 | 2097982  | 2051515  | 2083826  | 2077774  | 1.15   | cps   |
| Scandium   | 45-1  | 4904046  | 5083184  | 5065055  | 5017428  | 1.97   | cps   |
| Scandium   | 45-2  | 38810    | 38189    | 39452    | 38817    | 1.63   | cps   |
| Selenium   | 77-2  | 0        | 3        | 0        | 1        | 173.21 | cps   |
| Selenium   | 78-2  | 4        | 2        | 6        | 4        | 50.09  | cps   |
| Selenium   | 82-1  | 106      | 116      | 42       | 88       | 45.68  | cps   |
| Silicon    | 28-1  | 376118   | 373933   | 384332   | 378127   | 1.45   | cps   |
| Silver     | 109-1 | 992      | 1000     | 958      | 983      | 2.24   | cps   |
| Silver     | 107-1 | 1008     | 925      | 875      | 936      | 7.20   | cps   |
| Sodium     | 23-2  | 30560642 | 30712399 | 30837134 | 30703392 | 0.45   | cps   |
| Strontium  | 86-1  | 11297    | 12056    | 11213    | 11522    | 4.03   | cps   |
| Strontium  | 88-1  | 95735    | 95164    | 94736    | 95212    | 0.53   | cps   |
| Sulfur     | 34-1  | 334465   | 339174   | 337709   | 337116   | 0.71   | cps   |
| Terbium    | 159-1 | 12098030 | 12422264 | 12388525 | 12302940 | 1.45   | cps   |
| Terbium    | 159-2 | 2382472  | 2345266  | 2365574  | 2364437  | 0.79   | cps   |
| Thallium   | 203-1 | 4859     | 4834     | 4676     | 4790     | 2.08   | cps   |
| Thallium   | 205-1 | 12015    | 11731    | 11197    | 11648    | 3.56   | cps   |
| Tin        | 118-1 | 26611    | 24807    | 24315    | 25244    | 4.79   | cps   |
| Titanium   | 47-1  | 2517     | 2642     | 2342     | 2500     | 6.03   | cps   |
| Uranium    | 238-1 | 2567     | 2284     | 2125     | 2325     | 9.63   | cps   |
| Vanadium   | 51-2  | 233      | 200      | 250      | 228      | 11.18  | cps   |
| Yttrium    | 89-1  | 8739390  | 9065793  | 8992258  | 8932480  | 1.92   | cps   |
| Yttrium    | 89-2  | 274109   | 268515   | 273445   | 272023   | 1.12   | cps   |
| Zinc       | 66-2  | 2310     | 2364     | 2254     | 2309     | 2.38   | cps   |

|                         |                     |                   |                     |
|-------------------------|---------------------|-------------------|---------------------|
| LB Number :             | LB97237             | Operator :        | Jaswal              |
| Lab Sample ID :         | S8                  | Instrumnet Name : | P8                  |
| Client Sample ID :      | S8                  | Dilution Factor : | 1                   |
| Date & Time Acquired :: | 2018-08-10 12:21:47 | DataFile Name :   | 011CALS_P8081018-MS |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|-----------|------|------|------|------|---------|--------|-------|
| Zirconium | 90-1 | 3376 | 3801 | 3217 | 3464    | 8.71   | cps   |
| Zirconium | 91-1 | 608  | 733  | 692  | 678     | 9.39   | cps   |



|                         |                     |                   |                      |
|-------------------------|---------------------|-------------------|----------------------|
| LB Number :             | LB97237             | Operator :        | Jaswal               |
| Lab Sample ID :         | ICV01               | Instrumnet Name : | P8                   |
| Client Sample ID :      | ICV01               | Dilution Factor : | 1                    |
| Date & Time Acquired :: | 2018-08-10 12:34:25 | DataFile Name :   | 012ICV01_P8081018-MS |

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|------------|-------|----------|----------|----------|----------|--------|-------|
| Aluminium  | 27-2  | 2906     | 2984     | 3019     | 2969     | 1.94   | cps   |
| Antimony   | 121-1 | 1716268  | 1679924  | 1722606  | 1706266  | 1.35   | cps   |
| Arsenic    | 75-2  | 17179    | 17237    | 17571    | 17329    | 1.22   | cps   |
| Barium     | 135-1 | 181927   | 181547   | 180386   | 181287   | 0.44   | cps   |
| Barium     | 137-1 | 318783   | 318828   | 321305   | 319638   | 0.45   | cps   |
| Beryllium  | 9-1   | 111909   | 110045   | 110785   | 110913   | 0.85   | cps   |
| Bismuth    | 209-1 | 8069301  | 8233478  | 7779743  | 8027507  | 2.86   | cps   |
| Bismuth    | 209-2 | 2045551  | 1940662  | 2010963  | 1999059  | 2.67   | cps   |
| Boron      | 10-1  | 67661    | 69904    | 71302    | 69622    | 2.64   | cps   |
| Boron      | 11-1  | 319027   | 328006   | 335610   | 327548   | 2.53   | cps   |
| Cadmium    | 111-1 | 188279   | 189964   | 187513   | 188585   | 0.66   | cps   |
| Cadmium    | 106-1 | 32273    | 33710    | 32741    | 32908    | 2.23   | cps   |
| Cadmium    | 108-1 | 17257    | 16765    | 17349    | 17124    | 1.83   | cps   |
| Calcium    | 43-1  | 39858    | 39022    | 40710    | 39863    | 2.12   | cps   |
| Calcium    | 44-1  | 653303   | 647023   | 649977   | 650101   | 0.48   | cps   |
| Chromium   | 52-2  | 73361    | 73572    | 73760    | 73564    | 0.27   | cps   |
| Cobalt     | 59-2  | 163256   | 164177   | 162137   | 163190   | 0.63   | cps   |
| Copper     | 63-2  | 143151   | 142249   | 142286   | 142562   | 0.36   | cps   |
| Dysprosium | 156-1 | 8        | 42       | 25       | 25       | 66.68  | cps   |
| Dysprosium | 156-2 | 0        | 3        | 0        | 1        | 173.21 | cps   |
| Erbium     | 164-1 | 75       | 92       | 92       | 86       | 11.18  | cps   |
| Erbium     | 164-2 | 23       | 10       | 20       | 18       | 39.03  | cps   |
| Gadolinium | 160-1 | 83       | 67       | 58       | 69       | 18.33  | cps   |
| Gadolinium | 160-2 | 10       | 10       | 10       | 10       | 0.00   | cps   |
| Holmium    | 165-1 | 12058393 | 12295360 | 11942680 | 12098811 | 1.49   | cps   |
| Holmium    | 165-2 | 2472117  | 2343733  | 2422871  | 2412907  | 2.68   | cps   |
| Indium     | 115-1 | 9060509  | 9152900  | 8946250  | 9053220  | 1.14   | cps   |
| Indium     | 115-2 | 365966   | 347349   | 359636   | 357651   | 2.65   | cps   |
| Iron       | 56-2  | 508717   | 515529   | 508588   | 510945   | 0.78   | cps   |
| Iron       | 57-2  | 12662    | 13045    | 13123    | 12943    | 1.91   | cps   |
| Krypton    | 83-1  | 263      | 373      | 310      | 316      | 17.50  | cps   |
| Lead       | 206-1 | 1203969  | 1205393  | 1202271  | 1203878  | 0.13   | cps   |
| Lead       | 207-1 | 1057958  | 1052493  | 1055686  | 1055379  | 0.26   | cps   |
| Lead       | 208-1 | 4893735  | 4916018  | 4904332  | 4904695  | 0.23   | cps   |
| Lithium    | 6-1   | 1539477  | 1561933  | 1499631  | 1533680  | 2.06   | cps   |
| Magnesium  | 24-2  | 32939    | 33966    | 34250    | 33719    | 2.05   | cps   |

|                         |                     |                   |                      |
|-------------------------|---------------------|-------------------|----------------------|
| LB Number :             | LB97237             | Operator :        | Jaswal               |
| Lab Sample ID :         | ICV01               | Instrumnet Name : | P8                   |
| Client Sample ID :      | ICV01               | Dilution Factor : | 1                    |
| Date & Time Acquired :: | 2018-08-10 12:34:25 | DataFile Name :   | 012ICV01_P8081018-M8 |

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|------------|-------|----------|----------|----------|----------|--------|-------|
| Manganese  | 55-2  | 20729    | 20562    | 20692    | 20661    | 0.42   | cps   |
| Molybdenum | 94-1  | 3222392  | 3193896  | 3203275  | 3206521  | 0.45   | cps   |
| Molybdenum | 95-1  | 1944943  | 1902098  | 1916274  | 1921105  | 1.14   | cps   |
| Molybdenum | 96-1  | 2427439  | 2408990  | 2409891  | 2415440  | 0.43   | cps   |
| Molybdenum | 97-1  | 1173905  | 1180264  | 1178977  | 1177715  | 0.29   | cps   |
| Molybdenum | 98-1  | 3078882  | 3044323  | 3058019  | 3060408  | 0.57   | cps   |
| Neodymium  | 150-1 | 13       | 13       | 13       | 13       | 0.00   | cps   |
| Neodymium  | 150-2 | 3        | 0        | 0        | 1        | 173.21 | cps   |
| Nickel     | 60-2  | 47695    | 48106    | 48167    | 47989    | 0.54   | cps   |
| Phosphorus | 31-2  | 0        | 17       | 8        | 8        | 100.02 | cps   |
| Potassium  | 39-2  | 30734    | 30710    | 31419    | 30954    | 1.30   | cps   |
| Rhodium    | 103-1 | 8540741  | 8690207  | 8310477  | 8513808  | 2.25   | cps   |
| Rhodium    | 103-2 | 2281846  | 2180254  | 2250987  | 2237696  | 2.33   | cps   |
| Scandium   | 45-1  | 5302491  | 5424143  | 5184548  | 5303727  | 2.26   | cps   |
| Scandium   | 45-2  | 40365    | 37306    | 39385    | 39019    | 4.00   | cps   |
| Selenium   | 77-2  | 117      | 127      | 123      | 122      | 4.17   | cps   |
| Selenium   | 78-2  | 341      | 385      | 376      | 367      | 6.38   | cps   |
| Selenium   | 82-1  | 21960    | 22239    | 21601    | 21933    | 1.46   | cps   |
| Silicon    | 28-1  | 317248   | 317999   | 320843   | 318697   | 0.59   | cps   |
| Silver     | 109-1 | 761119   | 760913   | 763861   | 761964   | 0.22   | cps   |
| Silver     | 107-1 | 796281   | 795115   | 794907   | 795434   | 0.09   | cps   |
| Sodium     | 23-2  | 133143   | 136424   | 134724   | 134764   | 1.22   | cps   |
| Strontium  | 86-1  | 1066044  | 1073652  | 1075307  | 1071668  | 0.46   | cps   |
| Strontium  | 88-1  | 9185095  | 9217781  | 9278721  | 9227199  | 0.51   | cps   |
| Sulfur     | 34-1  | 354729   | 353736   | 348507   | 352324   | 0.95   | cps   |
| Terbium    | 159-1 | 12478935 | 12539027 | 12105481 | 12374481 | 1.90   | cps   |
| Terbium    | 159-2 | 2335340  | 2263891  | 2297571  | 2298934  | 1.55   | cps   |
| Thallium   | 203-1 | 1491874  | 1506314  | 1504828  | 1501005  | 0.53   | cps   |
| Thallium   | 205-1 | 3668628  | 3634389  | 3632426  | 3645148  | 0.56   | cps   |
| Tin        | 118-1 | 2857687  | 2838661  | 2854525  | 2850291  | 0.36   | cps   |
| Titanium   | 47-1  | 445481   | 440349   | 443987   | 443272   | 0.60   | cps   |
| Uranium    | 238-1 | 11461783 | 11335100 | 11395616 | 11397500 | 0.56   | cps   |
| Vanadium   | 51-2  | 54101    | 55777    | 54452    | 54777    | 1.61   | cps   |
| Yttrium    | 89-1  | 9306918  | 9468876  | 9111282  | 9295692  | 1.93   | cps   |
| Yttrium    | 89-2  | 273986   | 261800   | 268873   | 268220   | 2.28   | cps   |
| Zinc       | 66-2  | 24826    | 25557    | 24709    | 25031    | 1.84   | cps   |

|                         |                     |                   |                      |
|-------------------------|---------------------|-------------------|----------------------|
| LB Number :             | LB97237             | Operator :        | Jaswal               |
| Lab Sample ID :         | ICV01               | Instrumnet Name : | P8                   |
| Client Sample ID :      | ICV01               | Dilution Factor : | 1                    |
| Date & Time Acquired :: | 2018-08-10 12:34:25 | DataFile Name :   | 012ICV01_P8081018-MS |

| Parameter | Mass | CPS1    | CPS2    | CPS3    | CPSMean | CPSRSD | Units |
|-----------|------|---------|---------|---------|---------|--------|-------|
| Zirconium | 90-1 | 5728474 | 5683739 | 5726366 | 5712859 | 0.44   | cps   |
| Zirconium | 91-1 | 1268994 | 1259990 | 1256924 | 1261969 | 0.50   | cps   |

|                         |                     |                   |                       |
|-------------------------|---------------------|-------------------|-----------------------|
| LB Number :             | LB97237             | Operator :        | Jaswal                |
| Lab Sample ID :         | LLICV01             | Instrumnet Name : | P8                    |
| Client Sample ID :      | LLICV01             | Dilution Factor : | 1                     |
| Date & Time Acquired :: | 2018-08-10 12:47:39 | DataFile Name :   | 013LLIC_P8081018-MS.I |

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|------------|-------|----------|----------|----------|----------|--------|-------|
| Aluminium  | 27-2  | 123      | 108      | 118      | 116      | 6.59   | cps   |
| Antimony   | 121-1 | 18364    | 18664    | 17671    | 18233    | 2.79   | cps   |
| Arsenic    | 75-2  | 106      | 87       | 93       | 95       | 10.00  | cps   |
| Barium     | 135-1 | 17721    | 17345    | 17062    | 17376    | 1.90   | cps   |
| Barium     | 137-1 | 30018    | 30294    | 30829    | 30380    | 1.36   | cps   |
| Beryllium  | 9-1   | 1395     | 1250     | 1333     | 1326     | 5.47   | cps   |
| Bismuth    | 209-1 | 8279366  | 8138659  | 8037584  | 8151870  | 1.49   | cps   |
| Bismuth    | 209-2 | 2129790  | 2062119  | 2088662  | 2093524  | 1.63   | cps   |
| Boron      | 10-1  | 4209     | 4359     | 4368     | 4312     | 2.07   | cps   |
| Boron      | 11-1  | 18871    | 19197    | 19239    | 19102    | 1.05   | cps   |
| Cadmium    | 111-1 | 3244     | 3282     | 3309     | 3278     | 1.00   | cps   |
| Cadmium    | 106-1 | 2234     | 2200     | 2434     | 2289     | 5.51   | cps   |
| Cadmium    | 108-1 | 129      | 125      | 129      | 128      | 1.88   | cps   |
| Calcium    | 43-1  | 9362     | 9562     | 9379     | 9434     | 1.18   | cps   |
| Calcium    | 44-1  | 161841   | 162387   | 162313   | 162180   | 0.18   | cps   |
| Chromium   | 52-2  | 2087     | 1934     | 1910     | 1977     | 4.86   | cps   |
| Cobalt     | 59-2  | 1687     | 1700     | 1773     | 1720     | 2.71   | cps   |
| Copper     | 63-2  | 4027     | 3901     | 4181     | 4036     | 3.47   | cps   |
| Dysprosium | 156-1 | 25       | 33       | 8        | 22       | 57.29  | cps   |
| Dysprosium | 156-2 | 0        | 0        | 0        | 0        | 0.00   | cps   |
| Erbium     | 164-1 | 92       | 33       | 75       | 67       | 45.07  | cps   |
| Erbium     | 164-2 | 13       | 10       | 10       | 11       | 17.30  | cps   |
| Gadolinium | 160-1 | 25       | 58       | 42       | 42       | 40.00  | cps   |
| Gadolinium | 160-2 | 23       | 7        | 7        | 12       | 78.69  | cps   |
| Holmium    | 165-1 | 12332975 | 12410372 | 12142678 | 12295342 | 1.12   | cps   |
| Holmium    | 165-2 | 2506331  | 2504835  | 2503551  | 2504906  | 0.06   | cps   |
| Indium     | 115-1 | 9316360  | 9406722  | 9235994  | 9319692  | 0.92   | cps   |
| Indium     | 115-2 | 378691   | 370842   | 373552   | 374361   | 1.06   | cps   |
| Iron       | 56-2  | 26988    | 26554    | 27066    | 26869    | 1.03   | cps   |
| Iron       | 57-2  | 706      | 583      | 567      | 619      | 12.26  | cps   |
| Krypton    | 83-1  | 293      | 347      | 320      | 320      | 8.33   | cps   |
| Lead       | 206-1 | 6563     | 6780     | 6263     | 6535     | 3.97   | cps   |
| Lead       | 207-1 | 6129     | 5701     | 5535     | 5789     | 5.30   | cps   |
| Lead       | 208-1 | 26389    | 25761    | 25644    | 25931    | 1.54   | cps   |
| Lithium    | 6-1   | 1557268  | 1528820  | 1525961  | 1537350  | 1.13   | cps   |
| Magnesium  | 24-2  | 14475    | 13724    | 13740    | 13980    | 3.07   | cps   |

|                         |                     |                   |                       |
|-------------------------|---------------------|-------------------|-----------------------|
| LB Number :             | LB97237             | Operator :        | Jaswal                |
| Lab Sample ID :         | LLICV01             | Instrumnet Name : | P8                    |
| Client Sample ID :      | LLICV01             | Dilution Factor : | 1                     |
| Date & Time Acquired :: | 2018-08-10 12:47:39 | DataFile Name :   | 013LLIC_P8081018-MS.I |

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|------------|-------|----------|----------|----------|----------|--------|-------|
| Manganese  | 55-2  | 367      | 347      | 323      | 346      | 6.28   | cps   |
| Molybdenum | 94-1  | 16986    | 16469    | 15918    | 16458    | 3.25   | cps   |
| Molybdenum | 95-1  | 17287    | 17837    | 18113    | 17746    | 2.37   | cps   |
| Molybdenum | 96-1  | 18889    | 20174    | 20132    | 19732    | 3.70   | cps   |
| Molybdenum | 97-1  | 10104    | 11172    | 10471    | 10582    | 5.12   | cps   |
| Molybdenum | 98-1  | 28773    | 27988    | 28481    | 28414    | 1.40   | cps   |
| Neodymium  | 150-1 | 7        | 7        | 7        | 7        | 0.00   | cps   |
| Neodymium  | 150-2 | 0        | 0        | 0        | 0        | 0.00   | cps   |
| Nickel     | 60-2  | 740      | 833      | 740      | 771      | 6.99   | cps   |
| Phosphorus | 31-2  | 17       | 8        | 8        | 11       | 43.34  | cps   |
| Potassium  | 39-2  | 9420     | 9637     | 9429     | 9495     | 1.29   | cps   |
| Rhodium    | 103-1 | 8708781  | 8761884  | 8643823  | 8704829  | 0.68   | cps   |
| Rhodium    | 103-2 | 2373935  | 2314869  | 2312024  | 2333609  | 1.50   | cps   |
| Scandium   | 45-1  | 5431865  | 5448927  | 5346988  | 5409260  | 1.01   | cps   |
| Scandium   | 45-2  | 40930    | 40291    | 40358    | 40526    | 0.87   | cps   |
| Selenium   | 77-2  | 10       | 3        | 7        | 7        | 50.03  | cps   |
| Selenium   | 78-2  | 17       | 9        | 15       | 14       | 28.39  | cps   |
| Selenium   | 82-1  | 561      | 499      | 524      | 528      | 5.90   | cps   |
| Silicon    | 28-1  | 348499   | 347924   | 347230   | 347884   | 0.18   | cps   |
| Silver     | 109-1 | 8536     | 7994     | 8712     | 8414     | 4.44   | cps   |
| Silver     | 107-1 | 9520     | 8403     | 9112     | 9012     | 6.27   | cps   |
| Sodium     | 23-2  | 39155    | 38311    | 38252    | 38573    | 1.31   | cps   |
| Strontium  | 86-1  | 2550     | 2650     | 2942     | 2714     | 7.50   | cps   |
| Strontium  | 88-1  | 19506    | 19732    | 19423    | 19554    | 0.82   | cps   |
| Sulfur     | 34-1  | 359573   | 360400   | 358888   | 359620   | 0.21   | cps   |
| Terbium    | 159-1 | 12678004 | 12572574 | 12296073 | 12515550 | 1.58   | cps   |
| Terbium    | 159-2 | 2432801  | 2365875  | 2409052  | 2402576  | 1.41   | cps   |
| Thallium   | 203-1 | 7561     | 8161     | 7711     | 7811     | 4.00   | cps   |
| Thallium   | 205-1 | 18731    | 17738    | 18690    | 18386    | 3.05   | cps   |
| Tin        | 118-1 | 30586    | 30953    | 31179    | 30906    | 0.97   | cps   |
| Titanium   | 47-1  | 4868     | 4659     | 4226     | 4584     | 7.14   | cps   |
| Uranium    | 238-1 | 23615    | 23615    | 23648    | 23626    | 0.08   | cps   |
| Vanadium   | 51-2  | 2720     | 2600     | 2480     | 2600     | 4.62   | cps   |
| Yttrium    | 89-1  | 9496224  | 9432883  | 9418585  | 9449231  | 0.44   | cps   |
| Yttrium    | 89-2  | 281397   | 276857   | 277431   | 278562   | 0.89   | cps   |
| Zinc       | 66-2  | 377      | 357      | 400      | 378      | 5.74   | cps   |

|                         |                     |                   |                       |
|-------------------------|---------------------|-------------------|-----------------------|
| LB Number :             | LB97237             | Operator :        | Jaswal                |
| Lab Sample ID :         | LLICV01             | Instrumnet Name : | P8                    |
| Client Sample ID :      | LLICV01             | Dilution Factor : | 1                     |
| Date & Time Acquired :: | 2018-08-10 12:47:39 | DataFile Name :   | 013LLIC_P8081018-MS.I |

| Parameter | Mass | CPS1  | CPS2  | CPS3  | CPSMean | CPSRSD | Units |
|-----------|------|-------|-------|-------|---------|--------|-------|
| Zirconium | 90-1 | 18764 | 18805 | 18205 | 18591   | 1.80   | cps   |
| Zirconium | 91-1 | 3884  | 4243  | 3851  | 3992    | 5.44   | cps   |

LB Number : LB97237 Operator : Jaswal  
 Lab Sample ID : ICB01 Instrumnet Name : P8  
 Client Sample ID : ICB01 Dilution Factor : 1  
 Date & Time Acquired :: 2018-08-10 12:51:40 DataFile Name : 014CCBE\_P8081018-M5

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|------------|-------|----------|----------|----------|----------|--------|-------|
| Aluminium  | 27-2  | 8        | 5        | 10       | 8        | 33.33  | cps   |
| Antimony   | 121-1 | 625      | 750      | 608      | 661      | 11.71  | cps   |
| Arsenic    | 75-2  | 4        | 2        | 11       | 6        | 88.24  | cps   |
| Barium     | 135-1 | 42       | 92       | 58       | 64       | 39.85  | cps   |
| Barium     | 137-1 | 75       | 67       | 100      | 81       | 21.54  | cps   |
| Beryllium  | 9-1   | 144      | 133      | 139      | 139      | 4.00   | cps   |
| Bismuth    | 209-1 | 8053162  | 8322555  | 8080967  | 8152228  | 1.82   | cps   |
| Bismuth    | 209-2 | 2100404  | 2082179  | 2116831  | 2099805  | 0.83   | cps   |
| Boron      | 10-1  | 1042     | 1083     | 1183     | 1103     | 6.60   | cps   |
| Boron      | 11-1  | 4826     | 4959     | 4851     | 4879     | 1.45   | cps   |
| Cadmium    | 111-1 | 1338     | 1532     | 1306     | 1392     | 8.77   | cps   |
| Cadmium    | 106-1 | 1892     | 2175     | 1867     | 1978     | 8.66   | cps   |
| Cadmium    | 108-1 | 4        | 17       | 13       | 11       | 57.27  | cps   |
| Calcium    | 43-1  | 333      | 483      | 442      | 419      | 18.46  | cps   |
| Calcium    | 44-1  | 15434    | 15418    | 15367    | 15406    | 0.23   | cps   |
| Chromium   | 52-2  | 390      | 337      | 410      | 379      | 10.00  | cps   |
| Cobalt     | 59-2  | 57       | 77       | 53       | 62       | 20.29  | cps   |
| Copper     | 63-2  | 1130     | 1247     | 1187     | 1188     | 4.91   | cps   |
| Dysprosium | 156-1 | 25       | 17       | 25       | 22       | 21.64  | cps   |
| Dysprosium | 156-2 | 10       | 0        | 3        | 4        | 114.60 | cps   |
| Erbium     | 164-1 | 42       | 33       | 58       | 44       | 28.65  | cps   |
| Erbium     | 164-2 | 3        | 7        | 3        | 4        | 43.40  | cps   |
| Gadolinium | 160-1 | 58       | 92       | 50       | 67       | 33.07  | cps   |
| Gadolinium | 160-2 | 10       | 23       | 13       | 16       | 44.60  | cps   |
| Holmium    | 165-1 | 12098908 | 12507634 | 12051549 | 12219363 | 2.05   | cps   |
| Holmium    | 165-2 | 2544566  | 2488241  | 2541453  | 2524753  | 1.25   | cps   |
| Indium     | 115-1 | 9096527  | 9441288  | 9261692  | 9266502  | 1.86   | cps   |
| Indium     | 115-2 | 377905   | 368440   | 376459   | 374268   | 1.36   | cps   |
| Iron       | 56-2  | 1295     | 1356     | 1278     | 1309     | 3.13   | cps   |
| Iron       | 57-2  | 50       | 28       | 67       | 48       | 40.52  | cps   |
| Krypton    | 83-1  | 300      | 317      | 277      | 298      | 6.75   | cps   |
| Lead       | 206-1 | 489      | 406      | 400      | 432      | 11.54  | cps   |
| Lead       | 207-1 | 428      | 311      | 450      | 396      | 18.82  | cps   |
| Lead       | 208-1 | 1795     | 1733     | 1728     | 1752     | 2.11   | cps   |
| Lithium    | 6-1   | 1517220  | 1568889  | 1560051  | 1548720  | 1.78   | cps   |
| Magnesium  | 24-2  | 250      | 250      | 192      | 231      | 14.61  | cps   |

|                         |                     |                   |                     |
|-------------------------|---------------------|-------------------|---------------------|
| LB Number :             | LB97237             | Operator :        | Jaswal              |
| Lab Sample ID :         | ICB01               | Instrumnet Name : | P8                  |
| Client Sample ID :      | ICB01               | Dilution Factor : | 1                   |
| Date & Time Acquired :: | 2018-08-10 12:51:40 | DataFile Name :   | 014CCBE_P8081018-M8 |

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|------------|-------|----------|----------|----------|----------|--------|-------|
| Manganese  | 55-2  | 130      | 113      | 127      | 123      | 7.15   | cps   |
| Molybdenum | 94-1  | 792      | 925      | 942      | 886      | 9.28   | cps   |
| Molybdenum | 95-1  | 258      | 325      | 300      | 294      | 11.44  | cps   |
| Molybdenum | 96-1  | 533      | 433      | 492      | 486      | 10.33  | cps   |
| Molybdenum | 97-1  | 175      | 275      | 192      | 214      | 25.05  | cps   |
| Molybdenum | 98-1  | 600      | 542      | 400      | 514      | 20.02  | cps   |
| Neodymium  | 150-1 | 7        | 13       | 13       | 11       | 34.61  | cps   |
| Neodymium  | 150-2 | 0        | 0        | 0        | 0        | 0.00   | cps   |
| Nickel     | 60-2  | 183      | 197      | 240      | 207      | 14.34  | cps   |
| Phosphorus | 31-2  | 0        | 0        | 0        | 0        | 0.00   | cps   |
| Potassium  | 39-2  | 2409     | 2484     | 2359     | 2417     | 2.60   | cps   |
| Rhodium    | 103-1 | 8532184  | 8803192  | 8594799  | 8643392  | 1.64   | cps   |
| Rhodium    | 103-2 | 2334529  | 2320683  | 2359922  | 2338378  | 0.85   | cps   |
| Scandium   | 45-1  | 5283008  | 5436048  | 5332695  | 5350583  | 1.46   | cps   |
| Scandium   | 45-2  | 40485    | 40726    | 41150    | 40787    | 0.83   | cps   |
| Selenium   | 77-2  | 0        | 0        | 0        | 0        | 0.00   | cps   |
| Selenium   | 78-2  | 6        | 2        | 2        | 3        | 69.39  | cps   |
| Selenium   | 82-1  | 21       | 12       | 33       | 22       | 49.06  | cps   |
| Silicon    | 28-1  | 296280   | 301438   | 298414   | 298711   | 0.87   | cps   |
| Silver     | 109-1 | 133      | 75       | 67       | 92       | 39.63  | cps   |
| Silver     | 107-1 | 92       | 150      | 108      | 117      | 25.76  | cps   |
| Sodium     | 23-2  | 7185     | 6885     | 6960     | 7010     | 2.23   | cps   |
| Strontium  | 86-1  | 525      | 642      | 425      | 531      | 20.44  | cps   |
| Strontium  | 88-1  | 133      | 108      | 158      | 133      | 18.75  | cps   |
| Sulfur     | 34-1  | 363135   | 360639   | 361906   | 361893   | 0.34   | cps   |
| Terbium    | 159-1 | 12532816 | 12836599 | 12488321 | 12619245 | 1.50   | cps   |
| Terbium    | 159-2 | 2389672  | 2364040  | 2412157  | 2388623  | 1.01   | cps   |
| Thallium   | 203-1 | 383      | 425      | 358      | 389      | 8.66   | cps   |
| Thallium   | 205-1 | 933      | 833      | 767      | 845      | 9.93   | cps   |
| Tin        | 118-1 | 2703     | 1975     | 2100     | 2260     | 17.23  | cps   |
| Titanium   | 47-1  | 117      | 100      | 83       | 100      | 16.67  | cps   |
| Uranium    | 238-1 | 75       | 75       | 67       | 72       | 6.66   | cps   |
| Vanadium   | 51-2  | 0        | 0        | 10       | 3        | 173.21 | cps   |
| Yttrium    | 89-1  | 9281110  | 9684251  | 9431712  | 9465691  | 2.15   | cps   |
| Yttrium    | 89-2  | 277042   | 275670   | 279685   | 277466   | 0.74   | cps   |
| Zinc       | 66-2  | 200      | 163      | 180      | 181      | 10.14  | cps   |



|                         |                     |                   |                     |
|-------------------------|---------------------|-------------------|---------------------|
| LB Number :             | LB97237             | Operator :        | Jaswal              |
| Lab Sample ID :         | ICB01               | Instrumnet Name : | P8                  |
| Client Sample ID :      | ICB01               | Dilution Factor : | 1                   |
| Date & Time Acquired :: | 2018-08-10 12:51:40 | DataFile Name :   | 014CCBE_P8081018-MS |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|-----------|------|------|------|------|---------|--------|-------|
| Zirconium | 90-1 | 1734 | 1659 | 1675 | 1689    | 2.33   | cps   |
| Zirconium | 91-1 | 375  | 425  | 358  | 386     | 8.99   | cps   |

|                         |                     |                   |                      |
|-------------------------|---------------------|-------------------|----------------------|
| LB Number :             | LB97237             | Operator :        | Jaswal               |
| Lab Sample ID :         | ICSA01              | Instrumnet Name : | P8                   |
| Client Sample ID :      | ICSA01              | Dilution Factor : | 1                    |
| Date & Time Acquired :: | 2018-08-10 12:55:02 | DataFile Name :   | 015ICSA01_P8081018-M |

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|------------|-------|----------|----------|----------|----------|--------|-------|
| Aluminium  | 27-2  | 514375   | 508197   | 506295   | 509623   | 0.83   | cps   |
| Antimony   | 121-1 | 10471    | 9829     | 10413    | 10238    | 3.47   | cps   |
| Arsenic    | 75-2  | 41       | 30       | 19       | 30       | 37.50  | cps   |
| Barium     | 135-1 | 3034     | 2759     | 2934     | 2909     | 4.79   | cps   |
| Barium     | 137-1 | 4618     | 4876     | 4634     | 4709     | 3.07   | cps   |
| Beryllium  | 9-1   | 461      | 400      | 361      | 407      | 12.37  | cps   |
| Bismuth    | 209-1 | 7984673  | 7626911  | 7766338  | 7792641  | 2.31   | cps   |
| Bismuth    | 209-2 | 1973898  | 2010676  | 2005623  | 1996733  | 1.00   | cps   |
| Boron      | 10-1  | 1100     | 1317     | 1150     | 1189     | 9.54   | cps   |
| Boron      | 11-1  | 5585     | 5451     | 5851     | 5629     | 3.62   | cps   |
| Cadmium    | 111-1 | 2034     | 1859     | 1873     | 1922     | 5.06   | cps   |
| Cadmium    | 106-1 | 2100     | 1750     | 1800     | 1884     | 10.05  | cps   |
| Cadmium    | 108-1 | 1325     | 1267     | 1154     | 1249     | 6.95   | cps   |
| Calcium    | 43-1  | 1875439  | 1869881  | 1857993  | 1867771  | 0.48   | cps   |
| Calcium    | 44-1  | 30217942 | 30130650 | 29719968 | 30022853 | 0.89   | cps   |
| Chromium   | 52-2  | 14931    | 14631    | 14518    | 14693    | 1.45   | cps   |
| Cobalt     | 59-2  | 1944     | 1857     | 1937     | 1912     | 2.52   | cps   |
| Copper     | 63-2  | 11428    | 11235    | 11949    | 11537    | 3.20   | cps   |
| Dysprosium | 156-1 | 42       | 50       | 17       | 36       | 48.03  | cps   |
| Dysprosium | 156-2 | 3        | 3        | 7        | 4        | 43.40  | cps   |
| Erbium     | 164-1 | 83       | 75       | 83       | 81       | 5.98   | cps   |
| Erbium     | 164-2 | 10       | 3        | 7        | 7        | 50.03  | cps   |
| Gadolinium | 160-1 | 58       | 58       | 92       | 69       | 27.71  | cps   |
| Gadolinium | 160-2 | 17       | 10       | 10       | 12       | 31.50  | cps   |
| Holmium    | 165-1 | 12555877 | 12127901 | 12249402 | 12311060 | 1.79   | cps   |
| Holmium    | 165-2 | 2500509  | 2521724  | 2515147  | 2512460  | 0.43   | cps   |
| Indium     | 115-1 | 9201171  | 8921440  | 8960633  | 9027748  | 1.68   | cps   |
| Indium     | 115-2 | 357297   | 355756   | 356316   | 356456   | 0.22   | cps   |
| Iron       | 56-2  | 49310983 | 48730934 | 48648633 | 48896850 | 0.74   | cps   |
| Iron       | 57-2  | 1231093  | 1224121  | 1221061  | 1225425  | 0.42   | cps   |
| Krypton    | 83-1  | 297      | 283      | 367      | 316      | 14.19  | cps   |
| Lead       | 206-1 | 29457    | 28978    | 29485    | 29307    | 0.97   | cps   |
| Lead       | 207-1 | 23700    | 23244    | 22532    | 23159    | 2.54   | cps   |
| Lead       | 208-1 | 111419   | 110724   | 108353   | 110165   | 1.46   | cps   |
| Lithium    | 6-1   | 1486900  | 1430941  | 1497940  | 1471927  | 2.44   | cps   |
| Magnesium  | 24-2  | 2720619  | 2616042  | 2624393  | 2653685  | 2.19   | cps   |

|                         |                     |                   |                      |
|-------------------------|---------------------|-------------------|----------------------|
| LB Number :             | LB97237             | Operator :        | Jaswal               |
| Lab Sample ID :         | ICSA01              | Instrumnet Name : | P8                   |
| Client Sample ID :      | ICSA01              | Dilution Factor : | 1                    |
| Date & Time Acquired :: | 2018-08-10 12:55:02 | DataFile Name :   | 015ICSA01_P8081018-M |

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|------------|-------|----------|----------|----------|----------|--------|-------|
| Manganese  | 55-2  | 1583     | 1643     | 1580     | 1602     | 2.22   | cps   |
| Molybdenum | 94-1  | 3986469  | 4017702  | 3976006  | 3993392  | 0.54   | cps   |
| Molybdenum | 95-1  | 6878650  | 6981306  | 6895408  | 6918455  | 0.80   | cps   |
| Molybdenum | 96-1  | 7473053  | 7471789  | 7446103  | 7463648  | 0.20   | cps   |
| Molybdenum | 97-1  | 4396257  | 4425736  | 4427932  | 4416642  | 0.40   | cps   |
| Molybdenum | 98-1  | 11086551 | 11220150 | 11141404 | 11149368 | 0.60   | cps   |
| Neodymium  | 150-1 | 33       | 47       | 73       | 51       | 39.86  | cps   |
| Neodymium  | 150-2 | 3        | 3        | 3        | 3        | 0.00   | cps   |
| Nickel     | 60-2  | 2654     | 2647     | 2697     | 2666     | 1.02   | cps   |
| Phosphorus | 31-2  | 34685    | 33307    | 34234    | 34075    | 2.06   | cps   |
| Potassium  | 39-2  | 1383331  | 1354837  | 1367513  | 1368560  | 1.04   | cps   |
| Rhodium    | 103-1 | 8237331  | 8022672  | 8043968  | 8101324  | 1.46   | cps   |
| Rhodium    | 103-2 | 2182421  | 2185734  | 2198271  | 2188808  | 0.38   | cps   |
| Scandium   | 45-1  | 5312068  | 5063209  | 5136486  | 5170588  | 2.47   | cps   |
| Scandium   | 45-2  | 38028    | 38790    | 38697    | 38505    | 1.08   | cps   |
| Selenium   | 77-2  | 0        | 0        | 0        | 0        | 0.00   | cps   |
| Selenium   | 78-2  | 4        | 2        | 2        | 2        | 43.30  | cps   |
| Selenium   | 82-1  | 22       | 72       | -19      | 25       | 180.59 | cps   |
| Silicon    | 28-1  | 429086   | 426540   | 421742   | 425790   | 0.88   | cps   |
| Silver     | 109-1 | 258      | 400      | 600      | 419      | 40.93  | cps   |
| Silver     | 107-1 | 517      | 567      | 833      | 639      | 26.65  | cps   |
| Sodium     | 23-2  | 6116282  | 6114242  | 6055931  | 6095485  | 0.56   | cps   |
| Strontium  | 86-1  | 76481    | 77169    | 77629    | 77093    | 0.75   | cps   |
| Strontium  | 88-1  | 657137   | 654270   | 651634   | 654347   | 0.42   | cps   |
| Sulfur     | 34-1  | 2573780  | 2561840  | 2509328  | 2548316  | 1.35   | cps   |
| Terbium    | 159-1 | 12852015 | 12289156 | 12455170 | 12532114 | 2.31   | cps   |
| Terbium    | 159-2 | 2337642  | 2381051  | 2413772  | 2377488  | 1.61   | cps   |
| Thallium   | 203-1 | 975      | 1000     | 1075     | 1017     | 5.12   | cps   |
| Thallium   | 205-1 | 2159     | 2184     | 2459     | 2267     | 7.34   | cps   |
| Tin        | 118-1 | 2542     | 2709     | 2592     | 2614     | 3.27   | cps   |
| Titanium   | 47-1  | 1878683  | 1867514  | 1854286  | 1866828  | 0.65   | cps   |
| Uranium    | 238-1 | 508      | 425      | 483      | 472      | 9.06   | cps   |
| Vanadium   | 51-2  | 53       | 63       | 53       | 57       | 10.19  | cps   |
| Yttrium    | 89-1  | 9419408  | 9063779  | 9231845  | 9238344  | 1.93   | cps   |
| Yttrium    | 89-2  | 269042   | 271601   | 269104   | 269916   | 0.54   | cps   |
| Zinc       | 66-2  | 1523     | 1573     | 1400     | 1499     | 5.95   | cps   |

|                         |                     |                   |                      |
|-------------------------|---------------------|-------------------|----------------------|
| LB Number :             | LB97237             | Operator :        | Jaswal               |
| Lab Sample ID :         | ICSA01              | Instrumnet Name : | P8                   |
| Client Sample ID :      | ICSA01              | Dilution Factor : | 1                    |
| Date & Time Acquired :: | 2018-08-10 12:55:02 | DataFile Name :   | 015ICSA01_P8081018-M |

| Parameter | Mass | CPS1  | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|-----------|------|-------|------|------|---------|--------|-------|
| Zirconium | 90-1 | 10012 | 8378 | 7211 | 8534    | 16.49  | cps   |
| Zirconium | 91-1 | 2634  | 1825 | 1592 | 2017    | 27.11  | cps   |

|                         |                     |                   |                      |
|-------------------------|---------------------|-------------------|----------------------|
| LB Number :             | LB97237             | Operator :        | Jaswal               |
| Lab Sample ID :         | ICSAB01             | Instrumnet Name : | P8                   |
| Client Sample ID :      | ICSAB01             | Dilution Factor : | 1                    |
| Date & Time Acquired :: | 2018-08-10 12:58:18 | DataFile Name :   | 016ICSB_P8081018-MS. |

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|------------|-------|----------|----------|----------|----------|--------|-------|
| Aluminium  | 27-2  | 509620   | 507137   | 504180   | 506979   | 0.54   | cps   |
| Antimony   | 121-1 | 181576   | 180784   | 182850   | 181737   | 0.57   | cps   |
| Arsenic    | 75-2  | 1745     | 1693     | 1709     | 1716     | 1.54   | cps   |
| Barium     | 135-1 | 39911    | 38566    | 39928    | 39468    | 1.98   | cps   |
| Barium     | 137-1 | 70405    | 70287    | 70396    | 70363    | 0.09   | cps   |
| Beryllium  | 9-1   | 22707    | 22196    | 22012    | 22305    | 1.62   | cps   |
| Bismuth    | 209-1 | 7971279  | 7928250  | 7909858  | 7936463  | 0.40   | cps   |
| Bismuth    | 209-2 | 2030413  | 2018964  | 2004780  | 2018052  | 0.64   | cps   |
| Boron      | 10-1  | 8011     | 7602     | 8161     | 7925     | 3.65   | cps   |
| Boron      | 11-1  | 36965    | 36990    | 37082    | 37012    | 0.17   | cps   |
| Cadmium    | 111-1 | 38040    | 38727    | 38388    | 38385    | 0.90   | cps   |
| Cadmium    | 106-1 | 6919     | 7419     | 6435     | 6924     | 7.10   | cps   |
| Cadmium    | 108-1 | 4067     | 3896     | 3917     | 3960     | 2.35   | cps   |
| Calcium    | 43-1  | 1844946  | 1868613  | 1851788  | 1855116  | 0.66   | cps   |
| Calcium    | 44-1  | 29835139 | 29879622 | 29767495 | 29827419 | 0.19   | cps   |
| Chromium   | 52-2  | 28820    | 29020    | 28940    | 28927    | 0.35   | cps   |
| Cobalt     | 59-2  | 33066    | 33063    | 33183    | 33104    | 0.21   | cps   |
| Copper     | 63-2  | 38360    | 38373    | 38610    | 38448    | 0.37   | cps   |
| Dysprosium | 156-1 | 92       | 33       | 33       | 53       | 63.82  | cps   |
| Dysprosium | 156-2 | 10       | 10       | 0        | 7        | 86.60  | cps   |
| Erbium     | 164-1 | 92       | 58       | 83       | 78       | 22.30  | cps   |
| Erbium     | 164-2 | 20       | 7        | 3        | 10       | 88.20  | cps   |
| Gadolinium | 160-1 | 83       | 100      | 25       | 69       | 56.71  | cps   |
| Gadolinium | 160-2 | 13       | 13       | 10       | 12       | 15.73  | cps   |
| Holmium    | 165-1 | 12493881 | 12509391 | 12399013 | 12467428 | 0.48   | cps   |
| Holmium    | 165-2 | 2565311  | 2542501  | 2538945  | 2548919  | 0.56   | cps   |
| Indium     | 115-1 | 9028872  | 9091410  | 9026010  | 9048764  | 0.41   | cps   |
| Indium     | 115-2 | 365634   | 359168   | 359114   | 361305   | 1.04   | cps   |
| Iron       | 56-2  | 48729529 | 48323186 | 48538775 | 48530496 | 0.42   | cps   |
| Iron       | 57-2  | 1228498  | 1211524  | 1213065  | 1217695  | 0.77   | cps   |
| Krypton    | 83-1  | 303      | 313      | 330      | 316      | 4.27   | cps   |
| Lead       | 206-1 | 150159   | 152010   | 149811   | 150660   | 0.78   | cps   |
| Lead       | 207-1 | 125644   | 125581   | 124971   | 125399   | 0.30   | cps   |
| Lead       | 208-1 | 582196   | 582267   | 583133   | 582532   | 0.09   | cps   |
| Lithium    | 6-1   | 1517806  | 1514104  | 1536458  | 1522789  | 0.79   | cps   |
| Magnesium  | 24-2  | 2663079  | 2640114  | 2626234  | 2643142  | 0.70   | cps   |

|                         |                     |                   |                      |
|-------------------------|---------------------|-------------------|----------------------|
| LB Number :             | LB97237             | Operator :        | Jaswal               |
| Lab Sample ID :         | ICSAB01             | Instrumnet Name : | P8                   |
| Client Sample ID :      | ICSAB01             | Dilution Factor : | 1                    |
| Date & Time Acquired :: | 2018-08-10 12:58:18 | DataFile Name :   | 016ICSB_P8081018-MS. |

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|------------|-------|----------|----------|----------|----------|--------|-------|
| Manganese  | 55-2  | 5755     | 5635     | 5688     | 5692     | 1.06   | cps   |
| Molybdenum | 94-1  | 4265777  | 4231198  | 4250817  | 4249264  | 0.41   | cps   |
| Molybdenum | 95-1  | 7029329  | 7003250  | 6991961  | 7008180  | 0.27   | cps   |
| Molybdenum | 96-1  | 7591967  | 7613814  | 7544520  | 7583434  | 0.47   | cps   |
| Molybdenum | 97-1  | 4498959  | 4433785  | 4507390  | 4480045  | 0.90   | cps   |
| Molybdenum | 98-1  | 11261326 | 11317160 | 11391121 | 11323203 | 0.57   | cps   |
| Neodymium  | 150-1 | 67       | 53       | 7        | 42       | 74.61  | cps   |
| Neodymium  | 150-2 | 7        | 0        | 10       | 6        | 91.64  | cps   |
| Nickel     | 60-2  | 11718    | 11552    | 11515    | 11595    | 0.94   | cps   |
| Phosphorus | 31-2  | 34643    | 34435    | 34568    | 34549    | 0.31   | cps   |
| Potassium  | 39-2  | 1378801  | 1352080  | 1369146  | 1366676  | 0.99   | cps   |
| Rhodium    | 103-1 | 8193814  | 8290927  | 8236252  | 8240331  | 0.59   | cps   |
| Rhodium    | 103-2 | 2261167  | 2208783  | 2202174  | 2224041  | 1.45   | cps   |
| Scandium   | 45-1  | 5304532  | 5279917  | 5244548  | 5276332  | 0.57   | cps   |
| Scandium   | 45-2  | 39907    | 38767    | 39017    | 39230    | 1.53   | cps   |
| Selenium   | 77-2  | 17       | 17       | 10       | 14       | 26.66  | cps   |
| Selenium   | 78-2  | 35       | 30       | 44       | 36       | 20.55  | cps   |
| Selenium   | 82-1  | 2189     | 2156     | 2173     | 2173     | 0.77   | cps   |
| Silicon    | 28-1  | 609752   | 608194   | 608318   | 608755   | 0.14   | cps   |
| Silver     | 109-1 | 162522   | 160808   | 162233   | 161854   | 0.57   | cps   |
| Silver     | 107-1 | 168770   | 168593   | 170364   | 169242   | 0.58   | cps   |
| Sodium     | 23-2  | 6047958  | 5981414  | 5963680  | 5997684  | 0.74   | cps   |
| Strontium  | 86-1  | 189423   | 189159   | 189861   | 189481   | 0.19   | cps   |
| Strontium  | 88-1  | 1671065  | 1705132  | 1706684  | 1694294  | 1.19   | cps   |
| Sulfur     | 34-1  | 2528618  | 2512896  | 2508979  | 2516831  | 0.41   | cps   |
| Terbium    | 159-1 | 12577759 | 12867420 | 12734686 | 12726621 | 1.14   | cps   |
| Terbium    | 159-2 | 2417980  | 2411072  | 2404311  | 2411121  | 0.28   | cps   |
| Thallium   | 203-1 | 150161   | 150431   | 149207   | 149933   | 0.43   | cps   |
| Thallium   | 205-1 | 359081   | 359335   | 358522   | 358979   | 0.12   | cps   |
| Tin        | 118-1 | 305494   | 306812   | 305330   | 305879   | 0.27   | cps   |
| Titanium   | 47-1  | 1872529  | 1904209  | 1897369  | 1891369  | 0.88   | cps   |
| Uranium    | 238-1 | 1257076  | 1256201  | 1265128  | 1259468  | 0.39   | cps   |
| Vanadium   | 51-2  | 10811    | 11105    | 10678    | 10864    | 2.01   | cps   |
| Yttrium    | 89-1  | 9369746  | 9403105  | 9370627  | 9381159  | 0.20   | cps   |
| Yttrium    | 89-2  | 276401   | 272039   | 272835   | 273758   | 0.85   | cps   |
| Zinc       | 66-2  | 3941     | 3801     | 3797     | 3846     | 2.13   | cps   |

|                         |                     |                   |                      |
|-------------------------|---------------------|-------------------|----------------------|
| LB Number :             | LB97237             | Operator :        | Jaswal               |
| Lab Sample ID :         | ICSAB01             | Instrumnet Name : | P8                   |
| Client Sample ID :      | ICSAB01             | Dilution Factor : | 1                    |
| Date & Time Acquired :: | 2018-08-10 12:58:18 | DataFile Name :   | 016ICSB_P8081018-MS. |

| Parameter | Mass | CPS1   | CPS2   | CPS3   | CPSMean | CPSRSD | Units |
|-----------|------|--------|--------|--------|---------|--------|-------|
| Zirconium | 90-1 | 611383 | 621702 | 623386 | 618824  | 1.05   | cps   |
| Zirconium | 91-1 | 135720 | 137015 | 138725 | 137153  | 1.10   | cps   |

|                         |                     |                   |                      |
|-------------------------|---------------------|-------------------|----------------------|
| LB Number :             | LB97237             | Operator :        | Jaswal               |
| Lab Sample ID :         | CCV90               | Instrumnet Name : | P8                   |
| Client Sample ID :      | CCV90               | Dilution Factor : | 1                    |
| Date & Time Acquired :: | 2018-08-10 13:01:33 | DataFile Name :   | 017CCV_P8081018-MS.I |

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|------------|-------|----------|----------|----------|----------|--------|-------|
| Aluminium  | 27-2  | 305117   | 306198   | 305692   | 305669   | 0.18   | cps   |
| Antimony   | 121-1 | 4410308  | 4408421  | 4435069  | 4417933  | 0.34   | cps   |
| Arsenic    | 75-2  | 43585    | 43676    | 44540    | 43934    | 1.20   | cps   |
| Barium     | 135-1 | 4769381  | 4748947  | 4738504  | 4752277  | 0.33   | cps   |
| Barium     | 137-1 | 8249838  | 8207452  | 8227590  | 8228294  | 0.26   | cps   |
| Beryllium  | 9-1   | 562095   | 562676   | 567190   | 563987   | 0.49   | cps   |
| Bismuth    | 209-1 | 7774115  | 7889648  | 7987109  | 7883624  | 1.35   | cps   |
| Bismuth    | 209-2 | 2021282  | 1960743  | 1974370  | 1985465  | 1.60   | cps   |
| Boron      | 10-1  | 65859    | 67291    | 69485    | 67545    | 2.70   | cps   |
| Boron      | 11-1  | 311524   | 315798   | 324759   | 317360   | 2.13   | cps   |
| Cadmium    | 111-1 | 911536   | 910756   | 899655   | 907316   | 0.73   | cps   |
| Cadmium    | 106-1 | 98106    | 99625    | 98802    | 98844    | 0.77   | cps   |
| Cadmium    | 108-1 | 65491    | 64566    | 65249    | 65102    | 0.74   | cps   |
| Calcium    | 43-1  | 4677301  | 4715762  | 4692456  | 4695173  | 0.41   | cps   |
| Calcium    | 44-1  | 77045848 | 77156920 | 76696479 | 76966416 | 0.31   | cps   |
| Chromium   | 52-2  | 394277   | 394212   | 398330   | 395606   | 0.60   | cps   |
| Cobalt     | 59-2  | 812678   | 814063   | 815421   | 814054   | 0.17   | cps   |
| Copper     | 63-2  | 1345016  | 1350081  | 1345736  | 1346944  | 0.20   | cps   |
| Dysprosium | 156-1 | 100      | 83       | 117      | 100      | 16.66  | cps   |
| Dysprosium | 156-2 | 20       | 3        | 20       | 14       | 66.64  | cps   |
| Erbium     | 164-1 | 50       | 25       | 50       | 42       | 34.64  | cps   |
| Erbium     | 164-2 | 17       | 7        | 3        | 9        | 78.08  | cps   |
| Gadolinium | 160-1 | 125      | 133      | 133      | 131      | 3.68   | cps   |
| Gadolinium | 160-2 | 20       | 23       | 13       | 19       | 26.96  | cps   |
| Holmium    | 165-1 | 12547362 | 12602653 | 12655003 | 12601673 | 0.43   | cps   |
| Holmium    | 165-2 | 2539574  | 2517310  | 2509248  | 2522044  | 0.62   | cps   |
| Indium     | 115-1 | 8962157  | 9070703  | 9188449  | 9073770  | 1.25   | cps   |
| Indium     | 115-2 | 362909   | 359572   | 361634   | 361372   | 0.47   | cps   |
| Iron       | 56-2  | 64180832 | 63837250 | 64251264 | 64089782 | 0.35   | cps   |
| Iron       | 57-2  | 1632636  | 1614361  | 1624211  | 1623736  | 0.56   | cps   |
| Krypton    | 83-1  | 353      | 307      | 307      | 322      | 8.36   | cps   |
| Lead       | 206-1 | 3059124  | 3054815  | 3079818  | 3064586  | 0.44   | cps   |
| Lead       | 207-1 | 2749958  | 2779259  | 2776884  | 2768701  | 0.59   | cps   |
| Lead       | 208-1 | 12469552 | 12476585 | 12428355 | 12458164 | 0.21   | cps   |
| Lithium    | 6-1   | 1548647  | 1532853  | 1572462  | 1551321  | 1.29   | cps   |
| Magnesium  | 24-2  | 6978547  | 7016812  | 7154873  | 7050077  | 1.32   | cps   |



|                         |                     |                   |                      |
|-------------------------|---------------------|-------------------|----------------------|
| LB Number :             | LB97237             | Operator :        | Jaswal               |
| Lab Sample ID :         | CCV90               | Instrumnet Name : | P8                   |
| Client Sample ID :      | CCV90               | Dilution Factor : | 1                    |
| Date & Time Acquired :: | 2018-08-10 13:01:33 | DataFile Name :   | 017CCV_P8081018-MS.I |

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|------------|-------|----------|----------|----------|----------|--------|-------|
| Manganese  | 55-2  | 215905   | 214445   | 214470   | 214940   | 0.39   | cps   |
| Molybdenum | 94-1  | 7462428  | 7439820  | 7449442  | 7450563  | 0.15   | cps   |
| Molybdenum | 95-1  | 9118834  | 9181373  | 9041213  | 9113807  | 0.77   | cps   |
| Molybdenum | 96-1  | 10145831 | 10170832 | 10137429 | 10151364 | 0.17   | cps   |
| Molybdenum | 97-1  | 5726511  | 5753451  | 5750628  | 5743530  | 0.26   | cps   |
| Molybdenum | 98-1  | 14764848 | 14702652 | 14626289 | 14697930 | 0.47   | cps   |
| Neodymium  | 150-1 | 240      | 327      | 207      | 258      | 24.03  | cps   |
| Neodymium  | 150-2 | 7        | 13       | 7        | 9        | 43.25  | cps   |
| Nickel     | 60-2  | 237988   | 239277   | 238805   | 238690   | 0.27   | cps   |
| Phosphorus | 31-2  | 3559     | 3726     | 3917     | 3734     | 4.80   | cps   |
| Potassium  | 39-2  | 1821805  | 1822691  | 1844450  | 1829649  | 0.70   | cps   |
| Rhodium    | 103-1 | 8236109  | 8200430  | 8228856  | 8221798  | 0.23   | cps   |
| Rhodium    | 103-2 | 2207312  | 2193309  | 2195902  | 2198841  | 0.34   | cps   |
| Scandium   | 45-1  | 5282389  | 5402830  | 5412560  | 5365926  | 1.35   | cps   |
| Scandium   | 45-2  | 40231    | 39840    | 40449    | 40173    | 0.77   | cps   |
| Selenium   | 77-2  | 200      | 350      | 283      | 278      | 27.05  | cps   |
| Selenium   | 78-2  | 965      | 974      | 1050     | 996      | 4.69   | cps   |
| Selenium   | 82-1  | 55368    | 55791    | 55578    | 55579    | 0.38   | cps   |
| Silicon    | 28-1  | 2106935  | 2113668  | 2141482  | 2120695  | 0.86   | cps   |
| Silver     | 109-1 | 4281444  | 4266424  | 4181851  | 4243240  | 1.27   | cps   |
| Silver     | 107-1 | 4538913  | 4536128  | 4515069  | 4530037  | 0.29   | cps   |
| Sodium     | 23-2  | 15923421 | 15864753 | 15901185 | 15896453 | 0.19   | cps   |
| Strontium  | 86-1  | 1147405  | 1143022  | 1138762  | 1143063  | 0.38   | cps   |
| Strontium  | 88-1  | 9858335  | 9943274  | 9878338  | 9893316  | 0.45   | cps   |
| Sulfur     | 34-1  | 618460   | 608328   | 621736   | 616175   | 1.13   | cps   |
| Terbium    | 159-1 | 12668789 | 12795077 | 12825374 | 12763080 | 0.65   | cps   |
| Terbium    | 159-2 | 2393009  | 2411339  | 2411974  | 2405441  | 0.45   | cps   |
| Thallium   | 203-1 | 3771862  | 3764881  | 3770845  | 3769196  | 0.10   | cps   |
| Thallium   | 205-1 | 8860729  | 8826773  | 8832582  | 8840028  | 0.21   | cps   |
| Tin        | 118-1 | 3060868  | 3083205  | 3078841  | 3074305  | 0.39   | cps   |
| Titanium   | 47-1  | 2421273  | 2370278  | 2379764  | 2390438  | 1.13   | cps   |
| Uranium    | 238-1 | 12527349 | 12621638 | 12487343 | 12545443 | 0.55   | cps   |
| Vanadium   | 51-2  | 284188   | 287772   | 284973   | 285645   | 0.66   | cps   |
| Yttrium    | 89-1  | 9435845  | 9525179  | 9589797  | 9516940  | 0.81   | cps   |
| Yttrium    | 89-2  | 280296   | 272943   | 277406   | 276882   | 1.34   | cps   |
| Zinc       | 66-2  | 119876   | 120730   | 120743   | 120449   | 0.41   | cps   |

|                         |                     |                   |                      |
|-------------------------|---------------------|-------------------|----------------------|
| LB Number :             | LB97237             | Operator :        | Jaswal               |
| Lab Sample ID :         | CCV90               | Instrumnet Name : | P8                   |
| Client Sample ID :      | CCV90               | Dilution Factor : | 1                    |
| Date & Time Acquired :: | 2018-08-10 13:01:33 | DataFile Name :   | 017CCV_P8081018-MS.I |

| Parameter | Mass | CPS1    | CPS2    | CPS3    | CPSMean | CPSRSD | Units |
|-----------|------|---------|---------|---------|---------|--------|-------|
| Zirconium | 90-1 | 6271016 | 6196988 | 6222236 | 6230080 | 0.60   | cps   |
| Zirconium | 91-1 | 1391914 | 1408154 | 1415924 | 1405331 | 0.87   | cps   |

|                         |                     |                   |                     |
|-------------------------|---------------------|-------------------|---------------------|
| LB Number :             | LB97237             | Operator :        | Jaswal              |
| Lab Sample ID :         | CCB90               | Instrumnet Name : | P8                  |
| Client Sample ID :      | CCB90               | Dilution Factor : | 1                   |
| Date & Time Acquired :: | 2018-08-10 13:04:43 | DataFile Name :   | 018CCBE_P8081018-M5 |

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|------------|-------|----------|----------|----------|----------|--------|-------|
| Aluminium  | 27-2  | 13       | 18       | 8        | 13       | 40.00  | cps   |
| Antimony   | 121-1 | 10580    | 8978     | 8486     | 9348     | 11.71  | cps   |
| Arsenic    | 75-2  | 7        | 11       | 9        | 9        | 19.98  | cps   |
| Barium     | 135-1 | 133      | 83       | 50       | 89       | 47.19  | cps   |
| Barium     | 137-1 | 200      | 150      | 192      | 181      | 14.84  | cps   |
| Beryllium  | 9-1   | 400      | 306      | 317      | 341      | 15.15  | cps   |
| Bismuth    | 209-1 | 8125689  | 8016939  | 7928582  | 8023737  | 1.23   | cps   |
| Bismuth    | 209-2 | 2087292  | 2121829  | 2108143  | 2105755  | 0.83   | cps   |
| Boron      | 10-1  | 2742     | 2442     | 2417     | 2534     | 7.14   | cps   |
| Boron      | 11-1  | 12748    | 11847    | 10988    | 11861    | 7.42   | cps   |
| Cadmium    | 111-1 | 1359     | 1547     | 1586     | 1497     | 8.09   | cps   |
| Cadmium    | 106-1 | 1842     | 2134     | 2217     | 2064     | 9.54   | cps   |
| Cadmium    | 108-1 | 25       | 13       | 29       | 22       | 39.04  | cps   |
| Calcium    | 43-1  | 567      | 583      | 542      | 564      | 3.72   | cps   |
| Calcium    | 44-1  | 17578    | 18079    | 16711    | 17456    | 3.97   | cps   |
| Chromium   | 52-2  | 373      | 347      | 320      | 347      | 7.69   | cps   |
| Cobalt     | 59-2  | 77       | 53       | 50       | 60       | 24.22  | cps   |
| Copper     | 63-2  | 1217     | 1237     | 1150     | 1201     | 3.78   | cps   |
| Dysprosium | 156-1 | 8        | 8        | 0        | 6        | 86.60  | cps   |
| Dysprosium | 156-2 | 0        | 7        | 0        | 2        | 173.21 | cps   |
| Erbium     | 164-1 | 42       | 42       | 50       | 44       | 10.82  | cps   |
| Erbium     | 164-2 | 10       | 3        | 10       | 8        | 49.52  | cps   |
| Gadolinium | 160-1 | 58       | 117      | 75       | 83       | 36.05  | cps   |
| Gadolinium | 160-2 | 3        | 10       | 0        | 4        | 114.60 | cps   |
| Holmium    | 165-1 | 12275970 | 12064633 | 11976523 | 12105709 | 1.27   | cps   |
| Holmium    | 165-2 | 2570697  | 2536165  | 2536056  | 2547639  | 0.78   | cps   |
| Indium     | 115-1 | 9333418  | 9254712  | 9208514  | 9265548  | 0.68   | cps   |
| Indium     | 115-2 | 377050   | 377327   | 380583   | 378320   | 0.52   | cps   |
| Iron       | 56-2  | 3662     | 3384     | 3123     | 3389     | 7.95   | cps   |
| Iron       | 57-2  | 117      | 94       | 94       | 102      | 12.59  | cps   |
| Krypton    | 83-1  | 340      | 327      | 337      | 334      | 2.07   | cps   |
| Lead       | 206-1 | 817      | 956      | 906      | 893      | 7.88   | cps   |
| Lead       | 207-1 | 806      | 878      | 722      | 802      | 9.71   | cps   |
| Lead       | 208-1 | 3706     | 3545     | 3550     | 3600     | 2.54   | cps   |
| Lithium    | 6-1   | 1560612  | 1555411  | 1527620  | 1547881  | 1.15   | cps   |
| Magnesium  | 24-2  | 242      | 342      | 333      | 306      | 18.16  | cps   |

|                         |                     |                   |                     |
|-------------------------|---------------------|-------------------|---------------------|
| LB Number :             | LB97237             | Operator :        | Jaswal              |
| Lab Sample ID :         | CCB90               | Instrumnet Name : | P8                  |
| Client Sample ID :      | CCB90               | Dilution Factor : | 1                   |
| Date & Time Acquired :: | 2018-08-10 13:04:43 | DataFile Name :   | 018CCBE_P8081018-M5 |

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|------------|-------|----------|----------|----------|----------|--------|-------|
| Manganese  | 55-2  | 87       | 93       | 83       | 88       | 5.80   | cps   |
| Molybdenum | 94-1  | 3576     | 3000     | 2950     | 3176     | 10.94  | cps   |
| Molybdenum | 95-1  | 4584     | 4218     | 3709     | 4170     | 10.54  | cps   |
| Molybdenum | 96-1  | 5218     | 4784     | 4343     | 4782     | 9.15   | cps   |
| Molybdenum | 97-1  | 2734     | 2559     | 2284     | 2525     | 8.99   | cps   |
| Molybdenum | 98-1  | 7144     | 6435     | 5818     | 6466     | 10.26  | cps   |
| Neodymium  | 150-1 | 7        | 13       | 0        | 7        | 99.98  | cps   |
| Neodymium  | 150-2 | 3        | 0        | 0        | 1        | 173.21 | cps   |
| Nickel     | 60-2  | 193      | 153      | 213      | 187      | 16.37  | cps   |
| Phosphorus | 31-2  | 0        | 0        | 8        | 3        | 173.21 | cps   |
| Potassium  | 39-2  | 2850     | 2475     | 2775     | 2700     | 7.35   | cps   |
| Rhodium    | 103-1 | 8651097  | 8572188  | 8593310  | 8605532  | 0.47   | cps   |
| Rhodium    | 103-2 | 2322963  | 2329332  | 2362118  | 2338137  | 0.90   | cps   |
| Scandium   | 45-1  | 5458851  | 5359909  | 5198265  | 5339008  | 2.46   | cps   |
| Scandium   | 45-2  | 41254    | 41612    | 40749    | 41205    | 1.05   | cps   |
| Selenium   | 77-2  | 0        | 0        | 0        | 0        | 0.00   | cps   |
| Selenium   | 78-2  | 2        | 0        | 0        | 1        | 173.21 | cps   |
| Selenium   | 82-1  | -2       | 15       | -6       | 3        | 432.89 | cps   |
| Silicon    | 28-1  | 311873   | 307466   | 310592   | 309977   | 0.73   | cps   |
| Silver     | 109-1 | 567      | 517      | 358      | 481      | 22.63  | cps   |
| Silver     | 107-1 | 508      | 500      | 458      | 489      | 5.48   | cps   |
| Sodium     | 23-2  | 10513    | 10404    | 9821     | 10246    | 3.63   | cps   |
| Strontium  | 86-1  | 525      | 433      | 450      | 469      | 10.40  | cps   |
| Strontium  | 88-1  | 392      | 308      | 292      | 331      | 16.21  | cps   |
| Sulfur     | 34-1  | 350400   | 346867   | 347085   | 348117   | 0.57   | cps   |
| Terbium    | 159-1 | 12543602 | 12400862 | 12150756 | 12365074 | 1.61   | cps   |
| Terbium    | 159-2 | 2408013  | 2428033  | 2410384  | 2415477  | 0.45   | cps   |
| Thallium   | 203-1 | 1975     | 1500     | 1375     | 1617     | 19.58  | cps   |
| Thallium   | 205-1 | 3976     | 3701     | 3309     | 3662     | 9.15   | cps   |
| Tin        | 118-1 | 3859     | 3434     | 3117     | 3470     | 10.73  | cps   |
| Titanium   | 47-1  | 283      | 292      | 275      | 283      | 2.94   | cps   |
| Uranium    | 238-1 | 417      | 408      | 333      | 386      | 11.89  | cps   |
| Vanadium   | 51-2  | 7        | 3        | 10       | 7        | 50.03  | cps   |
| Yttrium    | 89-1  | 9406920  | 9325457  | 9376842  | 9369740  | 0.44   | cps   |
| Yttrium    | 89-2  | 283262   | 280258   | 282504   | 282008   | 0.55   | cps   |
| Zinc       | 66-2  | 133      | 177      | 173      | 161      | 14.97  | cps   |

|                         |                     |                   |                     |
|-------------------------|---------------------|-------------------|---------------------|
| LB Number :             | LB97237             | Operator :        | Jaswal              |
| Lab Sample ID :         | CCB90               | Instrumnet Name : | P8                  |
| Client Sample ID :      | CCB90               | Dilution Factor : | 1                   |
| Date & Time Acquired :: | 2018-08-10 13:04:43 | DataFile Name :   | 018CCBE_P8081018-MS |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|-----------|------|------|------|------|---------|--------|-------|
| Zirconium | 90-1 | 3017 | 2709 | 3034 | 2920    | 6.27   | cps   |
| Zirconium | 91-1 | 650  | 800  | 658  | 703     | 12.00  | cps   |

|                         |                     |                   |                     |
|-------------------------|---------------------|-------------------|---------------------|
| LB Number :             | LB97237             | Operator :        | Jaswal              |
| Lab Sample ID :         | CRI                 | Instrumnet Name : | P8                  |
| Client Sample ID :      | CRI                 | Dilution Factor : | 1                   |
| Date & Time Acquired :: | 2018-08-10 13:08:04 | DataFile Name :   | 019LLCC_P8081018-MS |

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|------------|-------|----------|----------|----------|----------|--------|-------|
| Aluminium  | 27-2  | 143      | 125      | 140      | 136      | 6.97   | cps   |
| Antimony   | 121-1 | 19140    | 18489    | 18897    | 18842    | 1.75   | cps   |
| Arsenic    | 75-2  | 85       | 131      | 100      | 106      | 22.40  | cps   |
| Barium     | 135-1 | 18222    | 18138    | 17621    | 17993    | 1.81   | cps   |
| Barium     | 137-1 | 30795    | 31355    | 31589    | 31246    | 1.31   | cps   |
| Beryllium  | 9-1   | 1378     | 1295     | 1211     | 1295     | 6.44   | cps   |
| Bismuth    | 209-1 | 8146963  | 8084456  | 8155061  | 8128827  | 0.48   | cps   |
| Bismuth    | 209-2 | 2107265  | 2128572  | 1934850  | 2056896  | 5.16   | cps   |
| Boron      | 10-1  | 4309     | 4276     | 4376     | 4320     | 1.18   | cps   |
| Boron      | 11-1  | 20457    | 20465    | 20298    | 20407    | 0.46   | cps   |
| Cadmium    | 111-1 | 3387     | 3714     | 3474     | 3525     | 4.80   | cps   |
| Cadmium    | 106-1 | 2384     | 2467     | 2559     | 2470     | 3.55   | cps   |
| Cadmium    | 108-1 | 104      | 138      | 138      | 126      | 15.23  | cps   |
| Calcium    | 43-1  | 9846     | 9262     | 9212     | 9440     | 3.73   | cps   |
| Calcium    | 44-1  | 161696   | 161393   | 164132   | 162407   | 0.92   | cps   |
| Chromium   | 52-2  | 1917     | 2074     | 2024     | 2005     | 3.99   | cps   |
| Cobalt     | 59-2  | 1643     | 1750     | 1680     | 1691     | 3.20   | cps   |
| Copper     | 63-2  | 4084     | 4134     | 4257     | 4158     | 2.15   | cps   |
| Dysprosium | 156-1 | 0        | 17       | 8        | 8        | 100.02 | cps   |
| Dysprosium | 156-2 | 3        | 0        | 7        | 3        | 100.05 | cps   |
| Erbium     | 164-1 | 92       | 50       | 50       | 64       | 37.66  | cps   |
| Erbium     | 164-2 | 27       | 7        | 7        | 13       | 86.58  | cps   |
| Gadolinium | 160-1 | 50       | 100      | 50       | 67       | 43.31  | cps   |
| Gadolinium | 160-2 | 10       | 7        | 7        | 8        | 24.71  | cps   |
| Holmium    | 165-1 | 12267348 | 12225604 | 12276617 | 12256523 | 0.22   | cps   |
| Holmium    | 165-2 | 2516382  | 2554747  | 2327557  | 2466229  | 4.93   | cps   |
| Indium     | 115-1 | 9401773  | 9396895  | 9390464  | 9396377  | 0.06   | cps   |
| Indium     | 115-2 | 376565   | 383080   | 345685   | 368443   | 5.42   | cps   |
| Iron       | 56-2  | 28390    | 27917    | 28703    | 28337    | 1.40   | cps   |
| Iron       | 57-2  | 633      | 683      | 717      | 678      | 6.19   | cps   |
| Krypton    | 83-1  | 363      | 347      | 347      | 352      | 2.73   | cps   |
| Lead       | 206-1 | 6274     | 6380     | 6652     | 6435     | 3.03   | cps   |
| Lead       | 207-1 | 5885     | 5796     | 5946     | 5876     | 1.28   | cps   |
| Lead       | 208-1 | 26312    | 25906    | 26790    | 26336    | 1.68   | cps   |
| Lithium    | 6-1   | 1545514  | 1546414  | 1561455  | 1551127  | 0.58   | cps   |
| Magnesium  | 24-2  | 14141    | 14675    | 15242    | 14686    | 3.75   | cps   |

|                         |                     |                   |                     |
|-------------------------|---------------------|-------------------|---------------------|
| LB Number :             | LB97237             | Operator :        | Jaswal              |
| Lab Sample ID :         | CRI                 | Instrumnet Name : | P8                  |
| Client Sample ID :      | CRI                 | Dilution Factor : | 1                   |
| Date & Time Acquired :: | 2018-08-10 13:08:04 | DataFile Name :   | 019LLCC_P8081018-MS |

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|------------|-------|----------|----------|----------|----------|--------|-------|
| Manganese  | 55-2  | 250      | 380      | 320      | 317      | 20.55  | cps   |
| Molybdenum | 94-1  | 16202    | 16010    | 16344    | 16185    | 1.03   | cps   |
| Molybdenum | 95-1  | 18697    | 17704    | 17387    | 17929    | 3.81   | cps   |
| Molybdenum | 96-1  | 20650    | 20299    | 20858    | 20603    | 1.37   | cps   |
| Molybdenum | 97-1  | 12097    | 11664    | 11372    | 11711    | 3.12   | cps   |
| Molybdenum | 98-1  | 30068    | 29900    | 29157    | 29708    | 1.63   | cps   |
| Neodymium  | 150-1 | 13       | 0        | 7        | 7        | 99.98  | cps   |
| Neodymium  | 150-2 | 0        | 0        | 0        | 0        | 0.00   | cps   |
| Nickel     | 60-2  | 723      | 650      | 673      | 682      | 5.49   | cps   |
| Phosphorus | 31-2  | 17       | 17       | 0        | 11       | 86.60  | cps   |
| Potassium  | 39-2  | 9345     | 10313    | 9453     | 9704     | 5.46   | cps   |
| Rhodium    | 103-1 | 8795909  | 8722557  | 8673677  | 8730714  | 0.70   | cps   |
| Rhodium    | 103-2 | 2331016  | 2402820  | 2137010  | 2290282  | 6.00   | cps   |
| Scandium   | 45-1  | 5511138  | 5507107  | 5523339  | 5513861  | 0.15   | cps   |
| Scandium   | 45-2  | 40809    | 41658    | 37898    | 40122    | 4.92   | cps   |
| Selenium   | 77-2  | 7        | 3        | 0        | 3        | 100.05 | cps   |
| Selenium   | 78-2  | 13       | 13       | 9        | 12       | 18.22  | cps   |
| Selenium   | 82-1  | 501      | 495      | 511      | 503      | 1.62   | cps   |
| Silicon    | 28-1  | 362820   | 362892   | 362566   | 362760   | 0.05   | cps   |
| Silver     | 109-1 | 8570     | 8645     | 8311     | 8509     | 2.06   | cps   |
| Silver     | 107-1 | 9337     | 9187     | 9312     | 9279     | 0.87   | cps   |
| Sodium     | 23-2  | 40250    | 41913    | 40976    | 41046    | 2.03   | cps   |
| Strontium  | 86-1  | 2450     | 2617     | 2517     | 2528     | 3.32   | cps   |
| Strontium  | 88-1  | 18922    | 19089    | 19406    | 19139    | 1.28   | cps   |
| Sulfur     | 34-1  | 353159   | 353397   | 352813   | 353123   | 0.08   | cps   |
| Terbium    | 159-1 | 12563573 | 12508837 | 12565208 | 12545873 | 0.26   | cps   |
| Terbium    | 159-2 | 2400096  | 2419487  | 2202497  | 2340693  | 5.13   | cps   |
| Thallium   | 203-1 | 8045     | 7919     | 8036     | 8000     | 0.87   | cps   |
| Thallium   | 205-1 | 18898    | 17897    | 18122    | 18306    | 2.87   | cps   |
| Tin        | 118-1 | 30469    | 31046    | 30711    | 30742    | 0.94   | cps   |
| Titanium   | 47-1  | 5043     | 4909     | 4893     | 4948     | 1.66   | cps   |
| Uranium    | 238-1 | 23198    | 23507    | 22864    | 23189    | 1.39   | cps   |
| Vanadium   | 51-2  | 2904     | 2540     | 2580     | 2675     | 7.45   | cps   |
| Yttrium    | 89-1  | 9728802  | 9489680  | 9582633  | 9600372  | 1.26   | cps   |
| Yttrium    | 89-2  | 283836   | 285870   | 259245   | 276317   | 5.36   | cps   |
| Zinc       | 66-2  | 373      | 420      | 447      | 413      | 8.98   | cps   |

|                         |                     |                   |                     |
|-------------------------|---------------------|-------------------|---------------------|
| LB Number :             | LB97237             | Operator :        | Jaswal              |
| Lab Sample ID :         | CRI                 | Instrumnet Name : | P8                  |
| Client Sample ID :      | CRI                 | Dilution Factor : | 1                   |
| Date & Time Acquired :: | 2018-08-10 13:08:04 | DataFile Name :   | 019LLCC_P8081018-MS |

| Parameter | Mass | CPS1  | CPS2  | CPS3  | CPSMean | CPSRSD | Units |
|-----------|------|-------|-------|-------|---------|--------|-------|
| Zirconium | 90-1 | 17821 | 16536 | 15693 | 16683   | 6.42   | cps   |
| Zirconium | 91-1 | 3951  | 3867  | 3376  | 3731    | 8.33   | cps   |



|                         |                     |                   |                     |
|-------------------------|---------------------|-------------------|---------------------|
| LB Number :             | LB97237             | Operator :        | Jaswal              |
| Lab Sample ID :         | PB111917BL          | Instrumnet Name : | P8                  |
| Client Sample ID :      | PB111917BL          | Dilution Factor : | 1                   |
| Date & Time Acquired :: | 2018-08-10 13:11:25 | DataFile Name :   | 020CCBE_P8081018-MS |

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|------------|-------|----------|----------|----------|----------|--------|-------|
| Aluminium  | 27-2  | 8        | 8        | 18       | 11       | 53.29  | cps   |
| Antimony   | 121-1 | 1217     | 1417     | 1225     | 1286     | 8.80   | cps   |
| Arsenic    | 75-2  | 11       | 7        | 6        | 8        | 35.21  | cps   |
| Barium     | 135-1 | 42       | 42       | 75       | 53       | 36.46  | cps   |
| Barium     | 137-1 | 83       | 92       | 42       | 72       | 37.09  | cps   |
| Beryllium  | 9-1   | 183      | 161      | 178      | 174      | 6.64   | cps   |
| Bismuth    | 209-1 | 7960459  | 7758949  | 8039013  | 7919474  | 1.82   | cps   |
| Bismuth    | 209-2 | 2103071  | 2066596  | 2135513  | 2101727  | 1.64   | cps   |
| Boron      | 10-1  | 1033     | 892      | 1100     | 1008     | 10.55  | cps   |
| Boron      | 11-1  | 5101     | 5093     | 4868     | 5021     | 2.64   | cps   |
| Cadmium    | 111-1 | 1321     | 1499     | 1366     | 1395     | 6.64   | cps   |
| Cadmium    | 106-1 | 1859     | 2100     | 1942     | 1967     | 6.24   | cps   |
| Cadmium    | 108-1 | 13       | 0        | 21       | 11       | 94.37  | cps   |
| Calcium    | 43-1  | 492      | 458      | 500      | 483      | 4.56   | cps   |
| Calcium    | 44-1  | 16218    | 16419    | 16410    | 16349    | 0.69   | cps   |
| Chromium   | 52-2  | 350      | 333      | 367      | 350      | 4.76   | cps   |
| Cobalt     | 59-2  | 80       | 73       | 93       | 82       | 12.39  | cps   |
| Copper     | 63-2  | 1163     | 1143     | 1193     | 1167     | 2.16   | cps   |
| Dysprosium | 156-1 | 8        | 17       | 17       | 14       | 34.67  | cps   |
| Dysprosium | 156-2 | 0        | 0        | 0        | 0        | 0.00   | cps   |
| Erbium     | 164-1 | 50       | 33       | 58       | 47       | 26.97  | cps   |
| Erbium     | 164-2 | 7        | 10       | 7        | 8        | 24.71  | cps   |
| Gadolinium | 160-1 | 42       | 100      | 58       | 67       | 45.07  | cps   |
| Gadolinium | 160-2 | 13       | 3        | 13       | 10       | 57.75  | cps   |
| Holmium    | 165-1 | 12252248 | 11854192 | 12131027 | 12079155 | 1.69   | cps   |
| Holmium    | 165-2 | 2536100  | 2516010  | 2558101  | 2536737  | 0.83   | cps   |
| Indium     | 115-1 | 9149073  | 9081826  | 9157020  | 9129306  | 0.45   | cps   |
| Indium     | 115-2 | 380972   | 378675   | 382527   | 380725   | 0.51   | cps   |
| Iron       | 56-2  | 1811     | 1800     | 1922     | 1845     | 3.66   | cps   |
| Iron       | 57-2  | 56       | 61       | 44       | 54       | 15.80  | cps   |
| Krypton    | 83-1  | 393      | 357      | 380      | 377      | 4.93   | cps   |
| Lead       | 206-1 | 589      | 556      | 561      | 569      | 3.14   | cps   |
| Lead       | 207-1 | 594      | 589      | 533      | 572      | 5.91   | cps   |
| Lead       | 208-1 | 2428     | 2411     | 2306     | 2382     | 2.78   | cps   |
| Lithium    | 6-1   | 1506932  | 1526625  | 1537435  | 1523664  | 1.02   | cps   |
| Magnesium  | 24-2  | 333      | 333      | 325      | 331      | 1.46   | cps   |

|                         |                     |                   |                     |
|-------------------------|---------------------|-------------------|---------------------|
| LB Number :             | LB97237             | Operator :        | Jaswal              |
| Lab Sample ID :         | PB111917BL          | Instrumnet Name : | P8                  |
| Client Sample ID :      | PB111917BL          | Dilution Factor : | 1                   |
| Date & Time Acquired :: | 2018-08-10 13:11:25 | DataFile Name :   | 020CCBE_P8081018-MS |

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|------------|-------|----------|----------|----------|----------|--------|-------|
| Manganese  | 55-2  | 140      | 100      | 137      | 126      | 17.68  | cps   |
| Molybdenum | 94-1  | 1058     | 1117     | 1025     | 1067     | 4.35   | cps   |
| Molybdenum | 95-1  | 733      | 733      | 850      | 772      | 8.72   | cps   |
| Molybdenum | 96-1  | 825      | 975      | 1158     | 986      | 16.93  | cps   |
| Molybdenum | 97-1  | 467      | 433      | 533      | 478      | 10.66  | cps   |
| Molybdenum | 98-1  | 1100     | 1308     | 1208     | 1206     | 8.64   | cps   |
| Neodymium  | 150-1 | 27       | 7        | 7        | 13       | 86.58  | cps   |
| Neodymium  | 150-2 | 0        | 0        | 0        | 0        | 0.00   | cps   |
| Nickel     | 60-2  | 220      | 163      | 197      | 193      | 14.73  | cps   |
| Phosphorus | 31-2  | 0        | 17       | 0        | 6        | 173.21 | cps   |
| Potassium  | 39-2  | 2675     | 2459     | 2459     | 2531     | 4.94   | cps   |
| Rhodium    | 103-1 | 8589950  | 8367863  | 8601703  | 8519839  | 1.55   | cps   |
| Rhodium    | 103-2 | 2356763  | 2359210  | 2362567  | 2359513  | 0.12   | cps   |
| Scandium   | 45-1  | 5394583  | 5223439  | 5396124  | 5338049  | 1.86   | cps   |
| Scandium   | 45-2  | 41949    | 40949    | 41909    | 41603    | 1.36   | cps   |
| Selenium   | 77-2  | 0        | 0        | 0        | 0        | 0.00   | cps   |
| Selenium   | 78-2  | 0        | 0        | 2        | 1        | 173.21 | cps   |
| Selenium   | 82-1  | -34      | -48      | -87      | -57      | -48.94 | cps   |
| Silicon    | 28-1  | 310727   | 304583   | 307530   | 307613   | 1.00   | cps   |
| Silver     | 109-1 | 133      | 192      | 150      | 158      | 18.98  | cps   |
| Silver     | 107-1 | 183      | 317      | 183      | 228      | 33.80  | cps   |
| Sodium     | 23-2  | 8645     | 8420     | 8728     | 8597     | 1.86   | cps   |
| Strontium  | 86-1  | 392      | 450      | 433      | 425      | 7.07   | cps   |
| Strontium  | 88-1  | 208      | 150      | 75       | 144      | 46.28  | cps   |
| Sulfur     | 34-1  | 353448   | 354385   | 357787   | 355207   | 0.64   | cps   |
| Terbium    | 159-1 | 12410355 | 12067754 | 12402102 | 12293404 | 1.59   | cps   |
| Terbium    | 159-2 | 2408240  | 2447816  | 2417819  | 2424625  | 0.85   | cps   |
| Thallium   | 203-1 | 767      | 650      | 625      | 681      | 11.11  | cps   |
| Thallium   | 205-1 | 1550     | 1433     | 1634     | 1539     | 6.53   | cps   |
| Tin        | 118-1 | 2017     | 1984     | 1825     | 1942     | 5.28   | cps   |
| Titanium   | 47-1  | 192      | 142      | 158      | 164      | 15.54  | cps   |
| Uranium    | 238-1 | 100      | 83       | 75       | 86       | 14.79  | cps   |
| Vanadium   | 51-2  | 13       | 10       | 7        | 10       | 33.30  | cps   |
| Yttrium    | 89-1  | 9425013  | 9117061  | 9401334  | 9314469  | 1.84   | cps   |
| Yttrium    | 89-2  | 283769   | 281603   | 281650   | 282341   | 0.44   | cps   |
| Zinc       | 66-2  | 133      | 133      | 130      | 132      | 1.46   | cps   |

|                         |                     |                   |                     |
|-------------------------|---------------------|-------------------|---------------------|
| LB Number :             | LB97237             | Operator :        | Jaswal              |
| Lab Sample ID :         | PB111917BL          | Instrumnet Name : | P8                  |
| Client Sample ID :      | PB111917BL          | Dilution Factor : | 1                   |
| Date & Time Acquired :: | 2018-08-10 13:11:25 | DataFile Name :   | 020CCBE_P8081018-MS |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|-----------|------|------|------|------|---------|--------|-------|
| Zirconium | 90-1 | 1467 | 1767 | 1442 | 1558    | 11.61  | cps   |
| Zirconium | 91-1 | 333  | 267  | 242  | 281     | 16.89  | cps   |

|                         |                     |                   |                     |
|-------------------------|---------------------|-------------------|---------------------|
| LB Number :             | LB97237             | Operator :        | Jaswal              |
| Lab Sample ID :         | PB111917BS          | Instrumnet Name : | P8                  |
| Client Sample ID :      | PB111917BS          | Dilution Factor : | 1                   |
| Date & Time Acquired :: | 2018-08-10 13:14:45 | DataFile Name :   | 021LCSE_P8081018-MS |

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|------------|-------|----------|----------|----------|----------|--------|-------|
| Aluminium  | 27-2  | 180      | 220      | 265      | 222      | 19.18  | cps   |
| Antimony   | 121-1 | 32123    | 32657    | 33251    | 32677    | 1.73   | cps   |
| Arsenic    | 75-2  | 189      | 165      | 178      | 177      | 6.80   | cps   |
| Barium     | 135-1 | 33945    | 35465    | 33936    | 34449    | 2.56   | cps   |
| Barium     | 137-1 | 60247    | 59334    | 60196    | 59926    | 0.86   | cps   |
| Beryllium  | 9-1   | 2461     | 2211     | 2556     | 2410     | 7.39   | cps   |
| Bismuth    | 209-1 | 7921708  | 7401622  | 7913850  | 7745727  | 3.85   | cps   |
| Bismuth    | 209-2 | 2057702  | 2045000  | 2076445  | 2059716  | 0.77   | cps   |
| Boron      | 10-1  | 7010     | 7002     | 6969     | 6994     | 0.32   | cps   |
| Boron      | 11-1  | 30233    | 32838    | 31987    | 31686    | 4.19   | cps   |
| Cadmium    | 111-1 | 4845     | 4528     | 4743     | 4706     | 3.44   | cps   |
| Cadmium    | 106-1 | 2442     | 2275     | 2317     | 2345     | 3.70   | cps   |
| Cadmium    | 108-1 | 229      | 325      | 208      | 254      | 24.48  | cps   |
| Calcium    | 43-1  | 18096    | 18062    | 18162    | 18107    | 0.28   | cps   |
| Calcium    | 44-1  | 301495   | 305281   | 302264   | 303013   | 0.66   | cps   |
| Chromium   | 52-2  | 3447     | 3537     | 3397     | 3460     | 2.05   | cps   |
| Cobalt     | 59-2  | 3254     | 3344     | 3287     | 3295     | 1.38   | cps   |
| Copper     | 63-2  | 6568     | 6882     | 6755     | 6735     | 2.34   | cps   |
| Dysprosium | 156-1 | 8        | 17       | 42       | 22       | 78.07  | cps   |
| Dysprosium | 156-2 | 0        | 0        | 0        | 0        | 0.00   | cps   |
| Erbium     | 164-1 | 67       | 75       | 100      | 81       | 21.53  | cps   |
| Erbium     | 164-2 | 3        | 13       | 20       | 12       | 68.66  | cps   |
| Gadolinium | 160-1 | 67       | 50       | 58       | 58       | 14.29  | cps   |
| Gadolinium | 160-2 | 7        | 3        | 7        | 6        | 34.70  | cps   |
| Holmium    | 165-1 | 11881460 | 11294842 | 11990286 | 11722196 | 3.19   | cps   |
| Holmium    | 165-2 | 2488317  | 2523220  | 2504081  | 2505206  | 0.70   | cps   |
| Indium     | 115-1 | 9125530  | 8519876  | 9126514  | 8923973  | 3.92   | cps   |
| Indium     | 115-2 | 372047   | 375384   | 374923   | 374118   | 0.48   | cps   |
| Iron       | 56-2  | 249658   | 247718   | 249797   | 249058   | 0.47   | cps   |
| Iron       | 57-2  | 5990     | 6335     | 5924     | 6083     | 3.63   | cps   |
| Krypton    | 83-1  | 353      | 330      | 343      | 342      | 3.42   | cps   |
| Lead       | 206-1 | 11795    | 12084    | 11500    | 11793    | 2.48   | cps   |
| Lead       | 207-1 | 11433    | 10794    | 10772    | 11000    | 3.42   | cps   |
| Lead       | 208-1 | 48604    | 48287    | 48649    | 48513    | 0.41   | cps   |
| Lithium    | 6-1   | 1517563  | 1438663  | 1509356  | 1488527  | 2.91   | cps   |
| Magnesium  | 24-2  | 28012    | 27352    | 27452    | 27606    | 1.29   | cps   |

|                         |                     |                   |                     |
|-------------------------|---------------------|-------------------|---------------------|
| LB Number :             | LB97237             | Operator :        | Jaswal              |
| Lab Sample ID :         | PB111917BS          | Instrumnet Name : | P8                  |
| Client Sample ID :      | PB111917BS          | Dilution Factor : | 1                   |
| Date & Time Acquired :: | 2018-08-10 13:14:45 | DataFile Name :   | 021LCSE_P8081018-MS |

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|------------|-------|----------|----------|----------|----------|--------|-------|
| Manganese  | 55-2  | 513      | 573      | 547      | 544      | 5.52   | cps   |
| Molybdenum | 94-1  | 29174    | 29692    | 29875    | 29580    | 1.23   | cps   |
| Molybdenum | 95-1  | 33392    | 33392    | 33927    | 33570    | 0.92   | cps   |
| Molybdenum | 96-1  | 37628    | 38732    | 37870    | 38077    | 1.52   | cps   |
| Molybdenum | 97-1  | 20833    | 21868    | 21810    | 21504    | 2.70   | cps   |
| Molybdenum | 98-1  | 53758    | 54419    | 53875    | 54017    | 0.65   | cps   |
| Neodymium  | 150-1 | 13       | 0        | 7        | 7        | 99.98  | cps   |
| Neodymium  | 150-2 | 0        | 3        | 0        | 1        | 173.21 | cps   |
| Nickel     | 60-2  | 1180     | 1207     | 1253     | 1213     | 3.06   | cps   |
| Phosphorus | 31-2  | 8        | 8        | 0        | 6        | 86.60  | cps   |
| Potassium  | 39-2  | 16085    | 17119    | 16560    | 16588    | 3.12   | cps   |
| Rhodium    | 103-1 | 8540937  | 7970011  | 8450645  | 8320531  | 3.69   | cps   |
| Rhodium    | 103-2 | 2315142  | 2317581  | 2327324  | 2320016  | 0.28   | cps   |
| Scandium   | 45-1  | 5352881  | 5000440  | 5341086  | 5231469  | 3.83   | cps   |
| Scandium   | 45-2  | 40609    | 41669    | 41100    | 41126    | 1.29   | cps   |
| Selenium   | 77-2  | 7        | 13       | 7        | 9        | 43.25  | cps   |
| Selenium   | 78-2  | 22       | 26       | 24       | 24       | 7.71   | cps   |
| Selenium   | 82-1  | 1092     | 1081     | 1033     | 1069     | 2.94   | cps   |
| Silicon    | 28-1  | 412047   | 412509   | 416717   | 413758   | 0.62   | cps   |
| Silver     | 109-1 | 17178    | 16611    | 16886    | 16892    | 1.68   | cps   |
| Silver     | 107-1 | 16878    | 17687    | 18447    | 17671    | 4.44   | cps   |
| Sodium     | 23-2  | 71146    | 69882    | 71171    | 70733    | 1.04   | cps   |
| Strontium  | 86-1  | 5185     | 4743     | 4584     | 4837     | 6.43   | cps   |
| Strontium  | 88-1  | 37477    | 37252    | 37385    | 37372    | 0.30   | cps   |
| Sulfur     | 34-1  | 355757   | 352738   | 359364   | 355953   | 0.93   | cps   |
| Terbium    | 159-1 | 12229491 | 11455174 | 12316342 | 12000336 | 3.95   | cps   |
| Terbium    | 159-2 | 2331367  | 2353279  | 2390943  | 2358530  | 1.28   | cps   |
| Thallium   | 203-1 | 14643    | 14384    | 14584    | 14537    | 0.93   | cps   |
| Thallium   | 205-1 | 33529    | 35710    | 34255    | 34498    | 3.22   | cps   |
| Tin        | 118-1 | 56797    | 57265    | 56486    | 56849    | 0.69   | cps   |
| Titanium   | 47-1  | 9195     | 8811     | 9178     | 9062     | 2.39   | cps   |
| Uranium    | 238-1 | 44456    | 45501    | 44188    | 44715    | 1.55   | cps   |
| Vanadium   | 51-2  | 5254     | 5411     | 5008     | 5224     | 3.89   | cps   |
| Yttrium    | 89-1  | 9324315  | 8773224  | 9270674  | 9122738  | 3.33   | cps   |
| Yttrium    | 89-2  | 278976   | 280635   | 279853   | 279822   | 0.30   | cps   |
| Zinc       | 66-2  | 820      | 663      | 650      | 711      | 13.29  | cps   |

|                         |                     |                   |                     |
|-------------------------|---------------------|-------------------|---------------------|
| LB Number :             | LB97237             | Operator :        | Jaswal              |
| Lab Sample ID :         | PB111917BS          | Instrumnet Name : | P8                  |
| Client Sample ID :      | PB111917BS          | Dilution Factor : | 1                   |
| Date & Time Acquired :: | 2018-08-10 13:14:45 | DataFile Name :   | 021LCSE_P8081018-MS |

| Parameter | Mass | CPS1  | CPS2  | CPS3  | CPSMean | CPSRSD | Units |
|-----------|------|-------|-------|-------|---------|--------|-------|
| Zirconium | 90-1 | 27646 | 27888 | 27194 | 27576   | 1.28   | cps   |
| Zirconium | 91-1 | 5818  | 6485  | 5893  | 6066    | 6.02   | cps   |

|                         |                     |                   |                     |
|-------------------------|---------------------|-------------------|---------------------|
| LB Number :             | LB97237             | Operator :        | Jaswal              |
| Lab Sample ID :         | PB111871BL          | Instrumnet Name : | P8                  |
| Client Sample ID :      | PB111871BL          | Dilution Factor : | 1                   |
| Date & Time Acquired :: | 2018-08-10 13:18:07 | DataFile Name :   | 022CCBE_P8081018-MS |

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|------------|-------|----------|----------|----------|----------|--------|-------|
| Aluminium  | 27-2  | 8        | 10       | 20       | 13       | 52.95  | cps   |
| Antimony   | 121-1 | 725      | 700      | 708      | 711      | 1.79   | cps   |
| Arsenic    | 75-2  | 6        | 0        | 6        | 4        | 86.60  | cps   |
| Barium     | 135-1 | 58       | 58       | 75       | 64       | 15.05  | cps   |
| Barium     | 137-1 | 33       | 25       | 58       | 39       | 44.62  | cps   |
| Beryllium  | 9-1   | 111      | 183      | 206      | 167      | 29.63  | cps   |
| Bismuth    | 209-1 | 7862804  | 7753939  | 7813198  | 7809980  | 0.70   | cps   |
| Bismuth    | 209-2 | 1902451  | 2027646  | 2032308  | 1987468  | 3.71   | cps   |
| Boron      | 10-1  | 983      | 1008     | 867      | 953      | 7.94   | cps   |
| Boron      | 11-1  | 4676     | 4926     | 4559     | 4720     | 3.97   | cps   |
| Cadmium    | 111-1 | 1407     | 1615     | 1397     | 1473     | 8.36   | cps   |
| Cadmium    | 106-1 | 2000     | 2275     | 1959     | 2078     | 8.28   | cps   |
| Cadmium    | 108-1 | 8        | 4        | 17       | 10       | 65.47  | cps   |
| Calcium    | 43-1  | 450      | 392      | 525      | 456      | 14.67  | cps   |
| Calcium    | 44-1  | 16243    | 15968    | 15601    | 15937    | 2.02   | cps   |
| Chromium   | 52-2  | 337      | 357      | 363      | 352      | 3.94   | cps   |
| Cobalt     | 59-2  | 80       | 80       | 83       | 81       | 2.38   | cps   |
| Copper     | 63-2  | 1107     | 1043     | 1070     | 1073     | 2.96   | cps   |
| Dysprosium | 156-1 | 17       | 0        | 17       | 11       | 86.60  | cps   |
| Dysprosium | 156-2 | 0        | 0        | 3        | 1        | 173.21 | cps   |
| Erbium     | 164-1 | 50       | 42       | 17       | 36       | 48.03  | cps   |
| Erbium     | 164-2 | 0        | 10       | 7        | 6        | 91.64  | cps   |
| Gadolinium | 160-1 | 33       | 58       | 92       | 61       | 47.89  | cps   |
| Gadolinium | 160-2 | 7        | 17       | 7        | 10       | 57.72  | cps   |
| Holmium    | 165-1 | 11763052 | 11895590 | 11833390 | 11830678 | 0.56   | cps   |
| Holmium    | 165-2 | 2309630  | 2466819  | 2474662  | 2417037  | 3.85   | cps   |
| Indium     | 115-1 | 8998753  | 9010052  | 9106713  | 9038506  | 0.66   | cps   |
| Indium     | 115-2 | 347740   | 368858   | 370942   | 362513   | 3.54   | cps   |
| Iron       | 56-2  | 1478     | 1478     | 1556     | 1504     | 2.99   | cps   |
| Iron       | 57-2  | 33       | 50       | 44       | 43       | 19.93  | cps   |
| Krypton    | 83-1  | 297      | 357      | 287      | 313      | 12.08  | cps   |
| Lead       | 206-1 | 428      | 439      | 472      | 446      | 5.18   | cps   |
| Lead       | 207-1 | 411      | 417      | 417      | 415      | 0.77   | cps   |
| Lead       | 208-1 | 1939     | 1811     | 1833     | 1861     | 3.67   | cps   |
| Lithium    | 6-1   | 1497710  | 1474086  | 1503569  | 1491788  | 1.05   | cps   |
| Magnesium  | 24-2  | 242      | 317      | 317      | 292      | 14.85  | cps   |

|                         |                     |                   |                     |
|-------------------------|---------------------|-------------------|---------------------|
| LB Number :             | LB97237             | Operator :        | Jaswal              |
| Lab Sample ID :         | PB111871BL          | Instrumnet Name : | P8                  |
| Client Sample ID :      | PB111871BL          | Dilution Factor : | 1                   |
| Date & Time Acquired :: | 2018-08-10 13:18:07 | DataFile Name :   | 022CCBE_P8081018-MS |

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD   | Units |
|------------|-------|----------|----------|----------|----------|----------|-------|
| Manganese  | 55-2  | 117      | 83       | 127      | 109      | 20.83    | cps   |
| Molybdenum | 94-1  | 600      | 575      | 758      | 644      | 15.43    | cps   |
| Molybdenum | 95-1  | 358      | 325      | 325      | 336      | 5.73     | cps   |
| Molybdenum | 96-1  | 592      | 442      | 467      | 500      | 16.07    | cps   |
| Molybdenum | 97-1  | 267      | 258      | 300      | 275      | 8.02     | cps   |
| Molybdenum | 98-1  | 725      | 583      | 692      | 667      | 11.11    | cps   |
| Neodymium  | 150-1 | 0        | 7        | 13       | 7        | 99.98    | cps   |
| Neodymium  | 150-2 | 0        | 0        | 0        | 0        | 0.00     | cps   |
| Nickel     | 60-2  | 220      | 240      | 200      | 220      | 9.09     | cps   |
| Phosphorus | 31-2  | 17       | 0        | 0        | 6        | 173.21   | cps   |
| Potassium  | 39-2  | 2617     | 2784     | 2575     | 2659     | 4.15     | cps   |
| Rhodium    | 103-1 | 8337958  | 8444153  | 8464381  | 8415497  | 0.81     | cps   |
| Rhodium    | 103-2 | 2167077  | 2304887  | 2293764  | 2255242  | 3.39     | cps   |
| Scandium   | 45-1  | 5201076  | 5245378  | 5295429  | 5247295  | 0.90     | cps   |
| Scandium   | 45-2  | 38176    | 39452    | 40943    | 39524    | 3.50     | cps   |
| Selenium   | 77-2  | 0        | 0        | 0        | 0        | 0.00     | cps   |
| Selenium   | 78-2  | 2        | 2        | 4        | 2        | 43.30    | cps   |
| Selenium   | 82-1  | 28       | -51      | 11       | -4       | -1065.78 | cps   |
| Silicon    | 28-1  | 306002   | 305378   | 308433   | 306604   | 0.53     | cps   |
| Silver     | 109-1 | 208      | 142      | 108      | 153      | 33.33    | cps   |
| Silver     | 107-1 | 258      | 175      | 175      | 203      | 23.73    | cps   |
| Sodium     | 23-2  | 7961     | 8220     | 7777     | 7986     | 2.78     | cps   |
| Strontium  | 86-1  | 492      | 492      | 600      | 528      | 11.85    | cps   |
| Strontium  | 88-1  | 108      | 150      | 192      | 150      | 27.78    | cps   |
| Sulfur     | 34-1  | 351483   | 357248   | 356576   | 355102   | 0.89     | cps   |
| Terbium    | 159-1 | 12172757 | 12151216 | 12084175 | 12136049 | 0.38     | cps   |
| Terbium    | 159-2 | 2177674  | 2332031  | 2343659  | 2284454  | 4.06     | cps   |
| Thallium   | 203-1 | 483      | 450      | 583      | 506      | 13.72    | cps   |
| Thallium   | 205-1 | 1183     | 1283     | 1283     | 1250     | 4.62     | cps   |
| Tin        | 118-1 | 1617     | 1659     | 1809     | 1695     | 5.95     | cps   |
| Titanium   | 47-1  | 117      | 100      | 133      | 117      | 14.29    | cps   |
| Uranium    | 238-1 | 25       | 58       | 100      | 61       | 61.49    | cps   |
| Vanadium   | 51-2  | 3        | 7        | 0        | 3        | 100.05   | cps   |
| Yttrium    | 89-1  | 9201041  | 9101059  | 9277480  | 9193193  | 0.96     | cps   |
| Yttrium    | 89-2  | 257731   | 272648   | 277497   | 269292   | 3.83     | cps   |
| Zinc       | 66-2  | 147      | 147      | 157      | 150      | 3.85     | cps   |



|                         |                     |                   |                     |
|-------------------------|---------------------|-------------------|---------------------|
| LB Number :             | LB97237             | Operator :        | Jaswal              |
| Lab Sample ID :         | PB111871BL          | Instrumnet Name : | P8                  |
| Client Sample ID :      | PB111871BL          | Dilution Factor : | 1                   |
| Date & Time Acquired :: | 2018-08-10 13:18:07 | DataFile Name :   | 022CCBE_P8081018-MS |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|-----------|------|------|------|------|---------|--------|-------|
| Zirconium | 90-1 | 1150 | 1233 | 950  | 1111    | 13.11  | cps   |
| Zirconium | 91-1 | 275  | 200  | 275  | 250     | 17.32  | cps   |

|                         |                     |                   |                     |
|-------------------------|---------------------|-------------------|---------------------|
| LB Number :             | LB97237             | Operator :        | Jaswal              |
| Lab Sample ID :         | PB111871BS          | Instrumnet Name : | P8                  |
| Client Sample ID :      | PB111871BS          | Dilution Factor : | 1                   |
| Date & Time Acquired :: | 2018-08-10 13:21:28 | DataFile Name :   | 023LCS6_P8081018-MS |

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|------------|-------|----------|----------|----------|----------|--------|-------|
| Aluminium  | 27-2  | 57148    | 56704    | 56091    | 56648    | 0.94   | cps   |
| Antimony   | 121-1 | 4284249  | 4287907  | 4316894  | 4296350  | 0.42   | cps   |
| Arsenic    | 75-2  | 43490    | 43423    | 42835    | 43249    | 0.83   | cps   |
| Barium     | 135-1 | 4545302  | 4572099  | 4578661  | 4565354  | 0.39   | cps   |
| Barium     | 137-1 | 7941216  | 7955278  | 7981682  | 7959392  | 0.26   | cps   |
| Beryllium  | 9-1   | 553729   | 550984   | 549328   | 551347   | 0.40   | cps   |
| Bismuth    | 209-1 | 7652326  | 7824842  | 8014525  | 7830564  | 2.31   | cps   |
| Bismuth    | 209-2 | 2039733  | 2023059  | 1985026  | 2015939  | 1.39   | cps   |
| Boron      | 10-1  | 60712    | 64370    | 66605    | 63896    | 4.66   | cps   |
| Boron      | 11-1  | 288889   | 299575   | 307556   | 298673   | 3.14   | cps   |
| Cadmium    | 111-1 | 906331   | 905635   | 903796   | 905254   | 0.14   | cps   |
| Cadmium    | 106-1 | 97987    | 97971    | 97963    | 97974    | 0.01   | cps   |
| Cadmium    | 108-1 | 65437    | 66229    | 64135    | 65267    | 1.62   | cps   |
| Calcium    | 43-1  | 938806   | 939601   | 945525   | 941310   | 0.39   | cps   |
| Calcium    | 44-1  | 15390598 | 15538450 | 15421149 | 15450066 | 0.51   | cps   |
| Chromium   | 52-2  | 380863   | 379669   | 375701   | 378744   | 0.71   | cps   |
| Cobalt     | 59-2  | 818202   | 812771   | 809044   | 813339   | 0.57   | cps   |
| Copper     | 63-2  | 1388320  | 1384993  | 1387520  | 1386944  | 0.13   | cps   |
| Dysprosium | 156-1 | 108      | 67       | 67       | 81       | 29.86  | cps   |
| Dysprosium | 156-2 | 7        | 7        | 7        | 7        | 0.00   | cps   |
| Erbium     | 164-1 | 33       | 42       | 58       | 44       | 28.65  | cps   |
| Erbium     | 164-2 | 10       | 20       | 10       | 13       | 43.30  | cps   |
| Gadolinium | 160-1 | 92       | 58       | 75       | 75       | 22.22  | cps   |
| Gadolinium | 160-2 | 37       | 13       | 13       | 21       | 63.83  | cps   |
| Holmium    | 165-1 | 11701305 | 12146827 | 12298205 | 12048779 | 2.58   | cps   |
| Holmium    | 165-2 | 2510952  | 2493659  | 2504671  | 2503094  | 0.35   | cps   |
| Indium     | 115-1 | 8682912  | 9001797  | 9317542  | 9000750  | 3.53   | cps   |
| Indium     | 115-2 | 364242   | 362899   | 364977   | 364039   | 0.29   | cps   |
| Iron       | 56-2  | 12814305 | 12774791 | 12687049 | 12758715 | 0.51   | cps   |
| Iron       | 57-2  | 323127   | 321252   | 319118   | 321166   | 0.62   | cps   |
| Krypton    | 83-1  | 297      | 340      | 333      | 323      | 7.22   | cps   |
| Lead       | 206-1 | 2960696  | 2954692  | 2943964  | 2953117  | 0.29   | cps   |
| Lead       | 207-1 | 2694399  | 2720262  | 2694885  | 2703182  | 0.55   | cps   |
| Lead       | 208-1 | 12088378 | 12120476 | 12098055 | 12102303 | 0.14   | cps   |
| Lithium    | 6-1   | 1439754  | 1530766  | 1545029  | 1505183  | 3.79   | cps   |
| Magnesium  | 24-2  | 1476672  | 1460687  | 1462809  | 1466723  | 0.59   | cps   |

|                         |                     |                   |                     |
|-------------------------|---------------------|-------------------|---------------------|
| LB Number :             | LB97237             | Operator :        | Jaswal              |
| Lab Sample ID :         | PB111871BS          | Instrumnet Name : | P8                  |
| Client Sample ID :      | PB111871BS          | Dilution Factor : | 1                   |
| Date & Time Acquired :: | 2018-08-10 13:21:28 | DataFile Name :   | 023LCS6_P8081018-MS |

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|------------|-------|----------|----------|----------|----------|--------|-------|
| Manganese  | 55-2  | 215732   | 213932   | 214141   | 214602   | 0.46   | cps   |
| Molybdenum | 94-1  | 7080419  | 7196899  | 7136135  | 7137818  | 0.82   | cps   |
| Molybdenum | 95-1  | 8765388  | 8790667  | 8719988  | 8758681  | 0.41   | cps   |
| Molybdenum | 96-1  | 9762658  | 9766683  | 9788306  | 9772549  | 0.14   | cps   |
| Molybdenum | 97-1  | 5524186  | 5540205  | 5548332  | 5537574  | 0.22   | cps   |
| Molybdenum | 98-1  | 14087286 | 14165198 | 13951883 | 14068122 | 0.77   | cps   |
| Neodymium  | 150-1 | 173      | 213      | 193      | 193      | 10.34  | cps   |
| Neodymium  | 150-2 | 10       | 7        | 3        | 7        | 50.03  | cps   |
| Nickel     | 60-2  | 238834   | 237588   | 236314   | 237579   | 0.53   | cps   |
| Phosphorus | 31-2  | 3576     | 3617     | 3576     | 3590     | 0.67   | cps   |
| Potassium  | 39-2  | 365496   | 361821   | 359871   | 362396   | 0.79   | cps   |
| Rhodium    | 103-1 | 7947769  | 8273555  | 8505761  | 8242362  | 3.40   | cps   |
| Rhodium    | 103-2 | 2237553  | 2259618  | 2249830  | 2249000  | 0.49   | cps   |
| Scandium   | 45-1  | 5188773  | 5347013  | 5472289  | 5336025  | 2.66   | cps   |
| Scandium   | 45-2  | 40682    | 40622    | 40421    | 40575    | 0.34   | cps   |
| Selenium   | 77-2  | 323      | 337      | 277      | 312      | 10.09  | cps   |
| Selenium   | 78-2  | 1006     | 978      | 1000     | 994      | 1.48   | cps   |
| Selenium   | 82-1  | 55165    | 54403    | 54699    | 54756    | 0.70   | cps   |
| Silicon    | 28-1  | 2086749  | 2106813  | 2109885  | 2101149  | 0.60   | cps   |
| Silver     | 109-1 | 4309636  | 4245641  | 4231750  | 4262342  | 0.97   | cps   |
| Silver     | 107-1 | 4521879  | 4500885  | 4557394  | 4526719  | 0.63   | cps   |
| Sodium     | 23-2  | 3295205  | 3280223  | 3258989  | 3278139  | 0.56   | cps   |
| Strontium  | 86-1  | 1107557  | 1099210  | 1100951  | 1102572  | 0.40   | cps   |
| Strontium  | 88-1  | 9635859  | 9602439  | 9547777  | 9595358  | 0.46   | cps   |
| Sulfur     | 34-1  | 627174   | 626740   | 626311   | 626742   | 0.07   | cps   |
| Terbium    | 159-1 | 11923496 | 12357223 | 12772381 | 12351033 | 3.44   | cps   |
| Terbium    | 159-2 | 2334026  | 2373183  | 2369351  | 2358853  | 0.92   | cps   |
| Thallium   | 203-1 | 3671847  | 3686970  | 3615045  | 3657954  | 1.04   | cps   |
| Thallium   | 205-1 | 8605931  | 8576468  | 8615756  | 8599385  | 0.24   | cps   |
| Tin        | 118-1 | 2954529  | 2970794  | 3005780  | 2977034  | 0.88   | cps   |
| Titanium   | 47-1  | 2363697  | 2329196  | 2363857  | 2352250  | 0.85   | cps   |
| Uranium    | 238-1 | 11741839 | 11787606 | 11624375 | 11717940 | 0.72   | cps   |
| Vanadium   | 51-2  | 281830   | 279407   | 281920   | 281052   | 0.51   | cps   |
| Yttrium    | 89-1  | 9056974  | 9334247  | 9600910  | 9330710  | 2.91   | cps   |
| Yttrium    | 89-2  | 274728   | 275613   | 276618   | 275653   | 0.34   | cps   |
| Zinc       | 66-2  | 122885   | 122697   | 120894   | 122159   | 0.90   | cps   |

|                         |                     |                   |                     |
|-------------------------|---------------------|-------------------|---------------------|
| LB Number :             | LB97237             | Operator :        | Jaswal              |
| Lab Sample ID :         | PB111871BS          | Instrumnet Name : | P8                  |
| Client Sample ID :      | PB111871BS          | Dilution Factor : | 1                   |
| Date & Time Acquired :: | 2018-08-10 13:21:28 | DataFile Name :   | 023LCS6_P8081018-MS |

| Parameter | Mass | CPS1    | CPS2    | CPS3    | CPSMean | CPSRSD | Units |
|-----------|------|---------|---------|---------|---------|--------|-------|
| Zirconium | 90-1 | 6064081 | 5966399 | 5984951 | 6005143 | 0.86   | cps   |
| Zirconium | 91-1 | 1320476 | 1326936 | 1326784 | 1324732 | 0.28   | cps   |

|                         |                       |                   |                     |
|-------------------------|-----------------------|-------------------|---------------------|
| LB Number :             | LB97237               | Operator :        | Jaswal              |
| Lab Sample ID :         | J4353-01              | Instrumnet Name : | P8                  |
| Client Sample ID :      | 96-1-SBSMT-UTILITY-SI | Dilution Factor : | 1                   |
| Date & Time Acquired :: | 2018-08-10 13:25:28   | DataFile Name :   | 024SMPL_P8081018-MS |

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|------------|-------|----------|----------|----------|----------|--------|-------|
| Aluminium  | 27-2  | 160      | 140      | 148      | 149      | 6.77   | cps   |
| Antimony   | 121-1 | 6652     | 6327     | 6560     | 6513     | 2.57   | cps   |
| Arsenic    | 75-2  | 28       | 30       | 44       | 34       | 26.90  | cps   |
| Barium     | 135-1 | 30010    | 28932    | 29809    | 29584    | 1.94   | cps   |
| Barium     | 137-1 | 53903    | 52764    | 52513    | 53060    | 1.40   | cps   |
| Beryllium  | 9-1   | 300      | 272      | 172      | 248      | 27.08  | cps   |
| Bismuth    | 209-1 | 8853256  | 8600779  | 7929806  | 8461280  | 5.64   | cps   |
| Bismuth    | 209-2 | 2176863  | 2174967  | 2173113  | 2174981  | 0.09   | cps   |
| Boron      | 10-1  | 3159     | 3242     | 3284     | 3228     | 1.97   | cps   |
| Boron      | 11-1  | 15459    | 15159    | 14708    | 15109    | 2.50   | cps   |
| Cadmium    | 111-1 | 3922     | 3654     | 3577     | 3718     | 4.87   | cps   |
| Cadmium    | 106-1 | 2367     | 2250     | 2075     | 2231     | 6.58   | cps   |
| Cadmium    | 108-1 | 175      | 192      | 150      | 172      | 12.18  | cps   |
| Calcium    | 43-1  | 109516   | 105267   | 108332   | 107705   | 2.04   | cps   |
| Calcium    | 44-1  | 1786204  | 1804812  | 1786815  | 1792610  | 0.59   | cps   |
| Chromium   | 52-2  | 547      | 530      | 487      | 521      | 5.94   | cps   |
| Cobalt     | 59-2  | 110      | 107      | 110      | 109      | 1.77   | cps   |
| Copper     | 63-2  | 696117   | 687616   | 684104   | 689279   | 0.90   | cps   |
| Dysprosium | 156-1 | 25       | 42       | 50       | 39       | 32.73  | cps   |
| Dysprosium | 156-2 | 7        | 23       | 7        | 12       | 78.69  | cps   |
| Erbium     | 164-1 | 83       | 83       | 50       | 72       | 26.65  | cps   |
| Erbium     | 164-2 | 7        | 7        | 10       | 8        | 24.71  | cps   |
| Gadolinium | 160-1 | 108      | 83       | 133      | 108      | 23.08  | cps   |
| Gadolinium | 160-2 | 13       | 7        | 17       | 12       | 41.65  | cps   |
| Holmium    | 165-1 | 13510922 | 13100805 | 12063523 | 12891750 | 5.79   | cps   |
| Holmium    | 165-2 | 2619572  | 2630693  | 2601175  | 2617147  | 0.57   | cps   |
| Indium     | 115-1 | 10223632 | 9943521  | 9067894  | 9745015  | 6.19   | cps   |
| Indium     | 115-2 | 392313   | 390042   | 386449   | 389601   | 0.76   | cps   |
| Iron       | 56-2  | 210498   | 209454   | 206303   | 208752   | 1.05   | cps   |
| Iron       | 57-2  | 5012     | 5457     | 5157     | 5209     | 4.35   | cps   |
| Krypton    | 83-1  | 353      | 313      | 363      | 343      | 7.71   | cps   |
| Lead       | 206-1 | 14753    | 14703    | 14592    | 14683    | 0.56   | cps   |
| Lead       | 207-1 | 12840    | 12462    | 12707    | 12670    | 1.51   | cps   |
| Lead       | 208-1 | 58532    | 57714    | 57056    | 57767    | 1.28   | cps   |
| Lithium    | 6-1   | 1658816  | 1597318  | 1512892  | 1589675  | 4.61   | cps   |
| Magnesium  | 24-2  | 34702    | 32664    | 32964    | 33443    | 3.29   | cps   |

|                         |                       |                   |                     |
|-------------------------|-----------------------|-------------------|---------------------|
| LB Number :             | LB97237               | Operator :        | Jaswal              |
| Lab Sample ID :         | J4353-01              | Instrumnet Name : | P8                  |
| Client Sample ID :      | 96-1-SBSMT-UTILITY-SI | Dilution Factor : | 1                   |
| Date & Time Acquired :: | 2018-08-10 13:25:28   | DataFile Name :   | 024SMPL_P8081018-MS |

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|------------|-------|----------|----------|----------|----------|--------|-------|
| Manganese  | 55-2  | 2114     | 1954     | 1954     | 2007     | 4.60   | cps   |
| Molybdenum | 94-1  | 4576     | 3976     | 3992     | 4181     | 8.17   | cps   |
| Molybdenum | 95-1  | 3234     | 2600     | 2617     | 2817     | 12.82  | cps   |
| Molybdenum | 96-1  | 3992     | 3459     | 3159     | 3537     | 11.94  | cps   |
| Molybdenum | 97-1  | 1892     | 1667     | 1675     | 1745     | 7.31   | cps   |
| Molybdenum | 98-1  | 5151     | 4893     | 4401     | 4815     | 7.92   | cps   |
| Neodymium  | 150-1 | 53       | 27       | 33       | 38       | 36.74  | cps   |
| Neodymium  | 150-2 | 3        | 3        | 0        | 2        | 86.60  | cps   |
| Nickel     | 60-2  | 1053     | 983      | 867      | 968      | 9.74   | cps   |
| Phosphorus | 31-2  | 208      | 142      | 133      | 161      | 25.52  | cps   |
| Potassium  | 39-2  | 11155    | 11639    | 11388    | 11394    | 2.12   | cps   |
| Rhodium    | 103-1 | 9482501  | 9205123  | 8494522  | 9060715  | 5.62   | cps   |
| Rhodium    | 103-2 | 2418266  | 2426915  | 2420609  | 2421930  | 0.18   | cps   |
| Scandium   | 45-1  | 5889472  | 5826711  | 5278892  | 5665025  | 5.93   | cps   |
| Scandium   | 45-2  | 42183    | 41849    | 41575    | 41869    | 0.73   | cps   |
| Selenium   | 77-2  | 0        | 0        | 0        | 0        | 0.00   | cps   |
| Selenium   | 78-2  | 6        | 2        | 0        | 2        | 114.63 | cps   |
| Selenium   | 82-1  | 10       | 22       | 6        | 13       | 69.11  | cps   |
| Silicon    | 28-1  | 3432698  | 3400497  | 3366187  | 3399794  | 0.98   | cps   |
| Silver     | 109-1 | 1592     | 2067     | 2192     | 1950     | 16.24  | cps   |
| Silver     | 107-1 | 1584     | 1984     | 2134     | 1900     | 14.97  | cps   |
| Sodium     | 23-2  | 743588   | 730921   | 732550   | 735686   | 0.94   | cps   |
| Strontium  | 86-1  | 45352    | 42768    | 42960    | 43693    | 3.29   | cps   |
| Strontium  | 88-1  | 373044   | 376418   | 373404   | 374288   | 0.50   | cps   |
| Sulfur     | 34-1  | 377568   | 374884   | 373394   | 375282   | 0.56   | cps   |
| Terbium    | 159-1 | 13784735 | 13582191 | 12325055 | 13230661 | 5.98   | cps   |
| Terbium    | 159-2 | 2498996  | 2488093  | 2488168  | 2491753  | 0.25   | cps   |
| Thallium   | 203-1 | 2742     | 2992     | 2784     | 2839     | 4.72   | cps   |
| Thallium   | 205-1 | 6935     | 7111     | 6335     | 6794     | 5.99   | cps   |
| Tin        | 118-1 | 3134     | 3159     | 3226     | 3173     | 1.49   | cps   |
| Titanium   | 47-1  | 550      | 542      | 650      | 581      | 10.38  | cps   |
| Uranium    | 238-1 | 350      | 450      | 342      | 381      | 15.84  | cps   |
| Vanadium   | 51-2  | 43       | 37       | 27       | 36       | 23.58  | cps   |
| Yttrium    | 89-1  | 10355034 | 10076870 | 9250974  | 9894292  | 5.80   | cps   |
| Yttrium    | 89-2  | 291132   | 288766   | 288137   | 289345   | 0.55   | cps   |
| Zinc       | 66-2  | 39419    | 37334    | 37233    | 37996    | 3.25   | cps   |

|                         |                       |                   |                     |
|-------------------------|-----------------------|-------------------|---------------------|
| LB Number :             | LB97237               | Operator :        | Jaswal              |
| Lab Sample ID :         | J4353-01              | Instrumnet Name : | P8                  |
| Client Sample ID :      | 96-1-SBSMT-UTILITY-SI | Dilution Factor : | 1                   |
| Date & Time Acquired :: | 2018-08-10 13:25:28   | DataFile Name :   | 024SMPL_P8081018-MS |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|-----------|------|------|------|------|---------|--------|-------|
| Zirconium | 90-1 | 8511 | 6819 | 6118 | 7149    | 17.21  | cps   |
| Zirconium | 91-1 | 1800 | 1700 | 1333 | 1611    | 15.25  | cps   |

|                         |                       |                   |                     |
|-------------------------|-----------------------|-------------------|---------------------|
| LB Number :             | LB97237               | Operator :        | Jaswal              |
| Lab Sample ID :         | J4353-01DUP           | Instrumnet Name : | P8                  |
| Client Sample ID :      | 96-1-SBSMT-UTILITY-SI | Dilution Factor : | 1                   |
| Date & Time Acquired :: | 2018-08-10 13:28:48   | DataFile Name :   | 025SMPL_P8081018-MS |

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|------------|-------|----------|----------|----------|----------|--------|-------|
| Aluminium  | 27-2  | 178      | 140      | 110      | 143      | 23.73  | cps   |
| Antimony   | 121-1 | 3117     | 3309     | 3109     | 3178     | 3.56   | cps   |
| Arsenic    | 75-2  | 33       | 46       | 37       | 39       | 17.18  | cps   |
| Barium     | 135-1 | 31455    | 31037    | 30570    | 31021    | 1.43   | cps   |
| Barium     | 137-1 | 54530    | 52723    | 53485    | 53579    | 1.69   | cps   |
| Beryllium  | 9-1   | 217      | 211      | 217      | 215      | 1.49   | cps   |
| Bismuth    | 209-1 | 8715362  | 8616060  | 8644059  | 8658494  | 0.59   | cps   |
| Bismuth    | 209-2 | 2209613  | 2130689  | 2083753  | 2141351  | 2.97   | cps   |
| Boron      | 10-1  | 2425     | 2150     | 2225     | 2267     | 6.27   | cps   |
| Boron      | 11-1  | 10788    | 10980    | 10254    | 10674    | 3.52   | cps   |
| Cadmium    | 111-1 | 3649     | 3385     | 3488     | 3507     | 3.79   | cps   |
| Cadmium    | 106-1 | 2484     | 2050     | 2175     | 2236     | 9.98   | cps   |
| Cadmium    | 108-1 | 146      | 167      | 175      | 163      | 9.25   | cps   |
| Calcium    | 43-1  | 104604   | 106324   | 106258   | 105729   | 0.92   | cps   |
| Calcium    | 44-1  | 1804292  | 1818771  | 1769916  | 1797660  | 1.40   | cps   |
| Chromium   | 52-2  | 467      | 533      | 480      | 493      | 7.15   | cps   |
| Cobalt     | 59-2  | 60       | 103      | 147      | 103      | 41.94  | cps   |
| Copper     | 63-2  | 695597   | 690788   | 688103   | 691496   | 0.55   | cps   |
| Dysprosium | 156-1 | 42       | 58       | 33       | 44       | 28.65  | cps   |
| Dysprosium | 156-2 | 7        | 3        | 3        | 4        | 43.40  | cps   |
| Erbium     | 164-1 | 58       | 67       | 33       | 53       | 32.88  | cps   |
| Erbium     | 164-2 | 7        | 13       | 17       | 12       | 41.65  | cps   |
| Gadolinium | 160-1 | 67       | 83       | 125      | 92       | 32.78  | cps   |
| Gadolinium | 160-2 | 23       | 7        | 7        | 12       | 78.69  | cps   |
| Holmium    | 165-1 | 13094037 | 12917729 | 13025682 | 13012483 | 0.68   | cps   |
| Holmium    | 165-2 | 2626378  | 2535860  | 2515555  | 2559264  | 2.31   | cps   |
| Indium     | 115-1 | 9797654  | 9744758  | 9778079  | 9773497  | 0.27   | cps   |
| Indium     | 115-2 | 387574   | 371909   | 369925   | 376469   | 2.57   | cps   |
| Iron       | 56-2  | 207053   | 206906   | 208006   | 207321   | 0.29   | cps   |
| Iron       | 57-2  | 5479     | 5179     | 5062     | 5240     | 4.10   | cps   |
| Krypton    | 83-1  | 330      | 387      | 323      | 347      | 10.04  | cps   |
| Lead       | 206-1 | 14765    | 14447    | 14881    | 14698    | 1.53   | cps   |
| Lead       | 207-1 | 12495    | 12368    | 12390    | 12418    | 0.55   | cps   |
| Lead       | 208-1 | 58822    | 56990    | 57892    | 57901    | 1.58   | cps   |
| Lithium    | 6-1   | 1647693  | 1640150  | 1661554  | 1649799  | 0.66   | cps   |
| Magnesium  | 24-2  | 33098    | 34192    | 32697    | 33329    | 2.32   | cps   |



|                         |                       |                   |                     |
|-------------------------|-----------------------|-------------------|---------------------|
| LB Number :             | LB97237               | Operator :        | Jaswal              |
| Lab Sample ID :         | J4353-01DUP           | Instrumnet Name : | P8                  |
| Client Sample ID :      | 96-1-SBSMT-UTILITY-SI | Dilution Factor : | 1                   |
| Date & Time Acquired :: | 2018-08-10 13:28:48   | DataFile Name :   | 025SMPL_P8081018-MS |

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD  | Units |
|------------|-------|----------|----------|----------|----------|---------|-------|
| Manganese  | 55-2  | 1967     | 2147     | 1897     | 2004     | 6.44    | cps   |
| Molybdenum | 94-1  | 2209     | 2184     | 2159     | 2184     | 1.15    | cps   |
| Molybdenum | 95-1  | 1125     | 1108     | 1008     | 1081     | 5.84    | cps   |
| Molybdenum | 96-1  | 1383     | 1475     | 1225     | 1361     | 9.29    | cps   |
| Molybdenum | 97-1  | 625      | 650      | 550      | 608      | 8.56    | cps   |
| Molybdenum | 98-1  | 2242     | 2342     | 2117     | 2234     | 5.05    | cps   |
| Neodymium  | 150-1 | 33       | 40       | 27       | 33       | 19.99   | cps   |
| Neodymium  | 150-2 | 7        | 3        | 3        | 4        | 43.40   | cps   |
| Nickel     | 60-2  | 1057     | 1077     | 1010     | 1048     | 3.26    | cps   |
| Phosphorus | 31-2  | 167      | 250      | 225      | 214      | 19.99   | cps   |
| Potassium  | 39-2  | 10663    | 10638    | 10755    | 10685    | 0.58    | cps   |
| Rhodium    | 103-1 | 9164462  | 9002154  | 9074992  | 9080536  | 0.90    | cps   |
| Rhodium    | 103-2 | 2416666  | 2330357  | 2314866  | 2353963  | 2.33    | cps   |
| Scandium   | 45-1  | 5596854  | 5564830  | 5700741  | 5620808  | 1.26    | cps   |
| Scandium   | 45-2  | 41297    | 39476    | 38563    | 39779    | 3.50    | cps   |
| Selenium   | 77-2  | 0        | 0        | 0        | 0        | 0.00    | cps   |
| Selenium   | 78-2  | 6        | 0        | 2        | 2        | 114.63  | cps   |
| Selenium   | 82-1  | 2        | -51      | 1        | -16      | -192.12 | cps   |
| Silicon    | 28-1  | 3420385  | 3370059  | 3303223  | 3364556  | 1.75    | cps   |
| Silver     | 109-1 | 2234     | 2350     | 2559     | 2381     | 6.92    | cps   |
| Silver     | 107-1 | 2859     | 2700     | 2909     | 2823     | 3.85    | cps   |
| Sodium     | 23-2  | 723516   | 727123   | 722580   | 724407   | 0.33    | cps   |
| Strontium  | 86-1  | 43905    | 44900    | 44314    | 44373    | 1.13    | cps   |
| Strontium  | 88-1  | 375841   | 381667   | 376416   | 377975   | 0.85    | cps   |
| Sulfur     | 34-1  | 367272   | 364575   | 363826   | 365224   | 0.50    | cps   |
| Terbium    | 159-1 | 13335196 | 13339633 | 13357102 | 13343977 | 0.09    | cps   |
| Terbium    | 159-2 | 2481431  | 2379217  | 2364230  | 2408292  | 2.65    | cps   |
| Thallium   | 203-1 | 1267     | 1333     | 1283     | 1295     | 2.68    | cps   |
| Thallium   | 205-1 | 2950     | 3242     | 3234     | 3142     | 5.29    | cps   |
| Tin        | 118-1 | 2384     | 2342     | 2134     | 2286     | 5.86    | cps   |
| Titanium   | 47-1  | 508      | 508      | 483      | 500      | 2.89    | cps   |
| Uranium    | 238-1 | 333      | 400      | 300      | 344      | 14.78   | cps   |
| Vanadium   | 51-2  | 37       | 40       | 33       | 37       | 9.10    | cps   |
| Yttrium    | 89-1  | 9931379  | 9902386  | 9950227  | 9927997  | 0.24    | cps   |
| Yttrium    | 89-2  | 285024   | 275491   | 272044   | 277520   | 2.42    | cps   |
| Zinc       | 66-2  | 38423    | 37805    | 37605    | 37944    | 1.12    | cps   |

|                         |                       |                   |                     |
|-------------------------|-----------------------|-------------------|---------------------|
| LB Number :             | LB97237               | Operator :        | Jaswal              |
| Lab Sample ID :         | J4353-01DUP           | Instrumnet Name : | P8                  |
| Client Sample ID :      | 96-1-SBSMT-UTILITY-SI | Dilution Factor : | 1                   |
| Date & Time Acquired :: | 2018-08-10 13:28:48   | DataFile Name :   | 025SMPL_P8081018-MS |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|-----------|------|------|------|------|---------|--------|-------|
| Zirconium | 90-1 | 4293 | 4117 | 3584 | 3998    | 9.23   | cps   |
| Zirconium | 91-1 | 825  | 742  | 917  | 828     | 10.57  | cps   |

|                         |                       |                   |                     |
|-------------------------|-----------------------|-------------------|---------------------|
| LB Number :             | LB97237               | Operator :        | Jaswal              |
| Lab Sample ID :         | J4353-01LX5           | Instrumnet Name : | P8                  |
| Client Sample ID :      | 96-1-SBSMT-UTILITY-SI | Dilution Factor : | 5                   |
| Date & Time Acquired :: | 2018-08-10 13:32:09   | DataFile Name :   | 026SMPL_P8081018-MS |

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|------------|-------|----------|----------|----------|----------|--------|-------|
| Aluminium  | 27-2  | 38       | 38       | 23       | 33       | 26.64  | cps   |
| Antimony   | 121-1 | 1517     | 1600     | 1475     | 1531     | 4.16   | cps   |
| Arsenic    | 75-2  | 19       | 17       | 7        | 14       | 41.92  | cps   |
| Barium     | 135-1 | 5626     | 6043     | 6160     | 5943     | 4.72   | cps   |
| Barium     | 137-1 | 10530    | 10388    | 10571    | 10496    | 0.92   | cps   |
| Beryllium  | 9-1   | 161      | 217      | 161      | 180      | 17.86  | cps   |
| Bismuth    | 209-1 | 8748818  | 8215635  | 8054855  | 8339769  | 4.36   | cps   |
| Bismuth    | 209-2 | 2204610  | 2099592  | 1939603  | 2081269  | 6.41   | cps   |
| Boron      | 10-1  | 1308     | 1242     | 1258     | 1270     | 2.73   | cps   |
| Boron      | 11-1  | 5485     | 5610     | 5585     | 5560     | 1.19   | cps   |
| Cadmium    | 111-1 | 1999     | 1892     | 2004     | 1965     | 3.20   | cps   |
| Cadmium    | 106-1 | 2200     | 2159     | 2242     | 2200     | 1.89   | cps   |
| Cadmium    | 108-1 | 42       | 21       | 46       | 36       | 37.10  | cps   |
| Calcium    | 43-1  | 19114    | 20524    | 19798    | 19812    | 3.56   | cps   |
| Calcium    | 44-1  | 335791   | 339982   | 334744   | 336839   | 0.82   | cps   |
| Chromium   | 52-2  | 310      | 400      | 370      | 360      | 12.73  | cps   |
| Cobalt     | 59-2  | 67       | 53       | 47       | 56       | 18.33  | cps   |
| Copper     | 63-2  | 130397   | 130412   | 129863   | 130224   | 0.24   | cps   |
| Dysprosium | 156-1 | 25       | 25       | 50       | 33       | 43.30  | cps   |
| Dysprosium | 156-2 | 3        | 3        | 3        | 3        | 0.00   | cps   |
| Erbium     | 164-1 | 100      | 50       | 33       | 61       | 56.78  | cps   |
| Erbium     | 164-2 | 3        | 13       | 3        | 7        | 86.65  | cps   |
| Gadolinium | 160-1 | 100      | 83       | 75       | 86       | 14.78  | cps   |
| Gadolinium | 160-2 | 10       | 10       | 7        | 9        | 21.63  | cps   |
| Holmium    | 165-1 | 12988067 | 12498882 | 12401330 | 12629426 | 2.49   | cps   |
| Holmium    | 165-2 | 2603906  | 2537061  | 2315715  | 2485561  | 6.07   | cps   |
| Indium     | 115-1 | 9719435  | 9344389  | 9320089  | 9461304  | 2.37   | cps   |
| Indium     | 115-2 | 384245   | 373237   | 338172   | 365218   | 6.59   | cps   |
| Iron       | 56-2  | 40743    | 39462    | 39289    | 39831    | 1.99   | cps   |
| Iron       | 57-2  | 883      | 1078     | 883      | 948      | 11.84  | cps   |
| Krypton    | 83-1  | 330      | 353      | 343      | 342      | 3.42   | cps   |
| Lead       | 206-1 | 3106     | 3117     | 3323     | 3182     | 3.84   | cps   |
| Lead       | 207-1 | 2767     | 2995     | 2645     | 2802     | 6.34   | cps   |
| Lead       | 208-1 | 12575    | 12714    | 12358    | 12549    | 1.43   | cps   |
| Lithium    | 6-1   | 1612161  | 1552750  | 1577293  | 1580735  | 1.89   | cps   |
| Magnesium  | 24-2  | 6602     | 6568     | 6493     | 6555     | 0.85   | cps   |

|                         |                       |                   |                     |
|-------------------------|-----------------------|-------------------|---------------------|
| LB Number :             | LB97237               | Operator :        | Jaswal              |
| Lab Sample ID :         | J4353-01LX5           | Instrumnet Name : | P8                  |
| Client Sample ID :      | 96-1-SBSMT-UTILITY-SI | Dilution Factor : | 5                   |
| Date & Time Acquired :: | 2018-08-10 13:32:09   | DataFile Name :   | 026SMPL_P8081018-MS |

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD  | Units |
|------------|-------|----------|----------|----------|----------|---------|-------|
| Manganese  | 55-2  | 447      | 423      | 383      | 418      | 7.67    | cps   |
| Molybdenum | 94-1  | 875      | 767      | 717      | 786      | 10.30   | cps   |
| Molybdenum | 95-1  | 583      | 608      | 608      | 600      | 2.41    | cps   |
| Molybdenum | 96-1  | 625      | 783      | 667      | 692      | 11.87   | cps   |
| Molybdenum | 97-1  | 433      | 408      | 417      | 419      | 3.03    | cps   |
| Molybdenum | 98-1  | 1025     | 1108     | 983      | 1039     | 6.13    | cps   |
| Neodymium  | 150-1 | 13       | 7        | 7        | 9        | 43.25   | cps   |
| Neodymium  | 150-2 | 0        | 0        | 0        | 0        | 0.00    | cps   |
| Nickel     | 60-2  | 293      | 363      | 307      | 321      | 11.58   | cps   |
| Phosphorus | 31-2  | 25       | 50       | 33       | 36       | 35.25   | cps   |
| Potassium  | 39-2  | 4017     | 4001     | 3601     | 3873     | 6.09    | cps   |
| Rhodium    | 103-1 | 9087114  | 8731259  | 8666774  | 8828382  | 2.56    | cps   |
| Rhodium    | 103-2 | 2395552  | 2340208  | 2152592  | 2296117  | 5.55    | cps   |
| Scandium   | 45-1  | 5607413  | 5339308  | 5192897  | 5379872  | 3.91    | cps   |
| Scandium   | 45-2  | 40111    | 39369    | 36381    | 38620    | 5.11    | cps   |
| Selenium   | 77-2  | 3        | 0        | 0        | 1        | 173.21  | cps   |
| Selenium   | 78-2  | 4        | 2        | 4        | 3        | 34.64   | cps   |
| Selenium   | 82-1  | 18       | -48      | -22      | -18      | -191.26 | cps   |
| Silicon    | 28-1  | 962310   | 956056   | 955538   | 957968   | 0.39    | cps   |
| Silver     | 109-1 | 1017     | 1192     | 1067     | 1092     | 8.26    | cps   |
| Silver     | 107-1 | 1392     | 1017     | 1142     | 1183     | 16.14   | cps   |
| Sodium     | 23-2  | 139494   | 139174   | 137399   | 138689   | 0.81    | cps   |
| Strontium  | 86-1  | 8470     | 8536     | 9295     | 8767     | 5.23    | cps   |
| Strontium  | 88-1  | 71086    | 70323    | 71345    | 70918    | 0.75    | cps   |
| Sulfur     | 34-1  | 342610   | 344156   | 342732   | 343166   | 0.25    | cps   |
| Terbium    | 159-1 | 13419353 | 12800209 | 12675514 | 12965025 | 3.07    | cps   |
| Terbium    | 159-2 | 2485424  | 2388330  | 2192258  | 2355337  | 6.34    | cps   |
| Thallium   | 203-1 | 400      | 592      | 400      | 464      | 23.85   | cps   |
| Thallium   | 205-1 | 1175     | 1050     | 1142     | 1122     | 5.77    | cps   |
| Tin        | 118-1 | 1817     | 2550     | 2778     | 2382     | 21.08   | cps   |
| Titanium   | 47-1  | 183      | 242      | 150      | 192      | 24.21   | cps   |
| Uranium    | 238-1 | 100      | 133      | 108      | 114      | 15.23   | cps   |
| Vanadium   | 51-2  | 13       | 10       | 17       | 13       | 25.01   | cps   |
| Yttrium    | 89-1  | 9843953  | 9557260  | 9276395  | 9559203  | 2.97    | cps   |
| Yttrium    | 89-2  | 286479   | 272817   | 249464   | 269587   | 6.94    | cps   |
| Zinc       | 66-2  | 7102     | 7202     | 7172     | 7159     | 0.72    | cps   |

|                         |                       |                   |                     |
|-------------------------|-----------------------|-------------------|---------------------|
| LB Number :             | LB97237               | Operator :        | Jaswal              |
| Lab Sample ID :         | J4353-01LX5           | Instrumnet Name : | P8                  |
| Client Sample ID :      | 96-1-SBSMT-UTILITY-SI | Dilution Factor : | 5                   |
| Date & Time Acquired :: | 2018-08-10 13:32:09   | DataFile Name :   | 026SMPL_P8081018-MS |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|-----------|------|------|------|------|---------|--------|-------|
| Zirconium | 90-1 | 1617 | 1358 | 1358 | 1445    | 10.33  | cps   |
| Zirconium | 91-1 | 333  | 250  | 308  | 297     | 14.39  | cps   |

|                         |                       |                   |                     |
|-------------------------|-----------------------|-------------------|---------------------|
| LB Number :             | LB97237               | Operator :        | Jaswal              |
| Lab Sample ID :         | J4353-01MS            | Instrumnet Name : | P8                  |
| Client Sample ID :      | 96-1-SBSMT-UTILITY-SI | Dilution Factor : | 1                   |
| Date & Time Acquired :: | 2018-08-10 13:35:30   | DataFile Name :   | 027SMPL_P8081018-MS |

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|------------|-------|----------|----------|----------|----------|--------|-------|
| Aluminium  | 27-2  | 11505    | 10892    | 10554    | 10984    | 4.39   | cps   |
| Antimony   | 121-1 | 7002799  | 6888399  | 6882590  | 6924596  | 0.98   | cps   |
| Arsenic    | 75-2  | 70530    | 69784    | 68768    | 69694    | 1.27   | cps   |
| Barium     | 135-1 | 441070   | 434604   | 433217   | 436297   | 0.96   | cps   |
| Barium     | 137-1 | 774871   | 764390   | 766553   | 768605   | 0.72   | cps   |
| Beryllium  | 9-1   | 237597   | 234662   | 234435   | 235564   | 0.75   | cps   |
| Bismuth    | 209-1 | 9187456  | 9010891  | 8953610  | 9050652  | 1.35   | cps   |
| Bismuth    | 209-2 | 2274585  | 2205520  | 2246670  | 2242258  | 1.55   | cps   |
| Boron      | 10-1  | 41193    | 42765    | 41711    | 41890    | 1.91   | cps   |
| Boron      | 11-1  | 193226   | 192483   | 197380   | 194363   | 1.36   | cps   |
| Cadmium    | 111-1 | 406002   | 404862   | 403029   | 404631   | 0.37   | cps   |
| Cadmium    | 106-1 | 38013    | 38598    | 39116    | 38576    | 1.43   | cps   |
| Cadmium    | 108-1 | 26706    | 26602    | 26046    | 26451    | 1.34   | cps   |
| Calcium    | 43-1  | 125533   | 124389   | 122178   | 124033   | 1.37   | cps   |
| Calcium    | 44-1  | 2088459  | 2090758  | 2088815  | 2089344  | 0.06   | cps   |
| Chromium   | 52-2  | 307989   | 303873   | 302381   | 304747   | 0.95   | cps   |
| Cobalt     | 59-2  | 341627   | 340570   | 334914   | 339037   | 1.06   | cps   |
| Copper     | 63-2  | 1133166  | 1122849  | 1111378  | 1122464  | 0.97   | cps   |
| Dysprosium | 156-1 | 363594   | 362308   | 360346   | 362083   | 0.45   | cps   |
| Dysprosium | 156-2 | 6785     | 6799     | 6235     | 6606     | 4.87   | cps   |
| Erbium     | 164-1 | 142      | 58       | 83       | 94       | 45.27  | cps   |
| Erbium     | 164-2 | 20       | 10       | 40       | 23       | 65.47  | cps   |
| Gadolinium | 160-1 | 125      | 200      | 158      | 161      | 23.32  | cps   |
| Gadolinium | 160-2 | 13       | 17       | 20       | 17       | 20.01  | cps   |
| Holmium    | 165-1 | 13609617 | 13459349 | 13497094 | 13522020 | 0.58   | cps   |
| Holmium    | 165-2 | 2691967  | 2689727  | 2691573  | 2691089  | 0.04   | cps   |
| Indium     | 115-1 | 10061436 | 9979482  | 9954359  | 9998426  | 0.56   | cps   |
| Indium     | 115-2 | 383294   | 378237   | 380701   | 380744   | 0.66   | cps   |
| Iron       | 56-2  | 1829673  | 1815685  | 1784284  | 1809880  | 1.28   | cps   |
| Iron       | 57-2  | 45096    | 43457    | 44221    | 44258    | 1.85   | cps   |
| Krypton    | 83-1  | 370      | 350      | 297      | 339      | 11.19  | cps   |
| Lead       | 206-1 | 6730568  | 6606654  | 6627830  | 6655017  | 1.00   | cps   |
| Lead       | 207-1 | 6009419  | 5945852  | 5953995  | 5969755  | 0.58   | cps   |
| Lead       | 208-1 | 27384627 | 27055476 | 27127392 | 27189165 | 0.64   | cps   |
| Lithium    | 6-1   | 1725566  | 1704871  | 1698221  | 1709553  | 0.83   | cps   |
| Magnesium  | 24-2  | 87854    | 87661    | 84257    | 86591    | 2.34   | cps   |

|                         |                       |                   |                     |
|-------------------------|-----------------------|-------------------|---------------------|
| LB Number :             | LB97237               | Operator :        | Jaswal              |
| Lab Sample ID :         | J4353-01MS            | Instrumnet Name : | P8                  |
| Client Sample ID :      | 96-1-SBSMT-UTILITY-SI | Dilution Factor : | 1                   |
| Date & Time Acquired :: | 2018-08-10 13:35:30   | DataFile Name :   | 027SMPL_P8081018-MS |

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|------------|-------|----------|----------|----------|----------|--------|-------|
| Manganese  | 55-2  | 44688    | 44484    | 43153    | 44108    | 1.89   | cps   |
| Molybdenum | 94-1  | 873906   | 859160   | 861289   | 864785   | 0.92   | cps   |
| Molybdenum | 95-1  | 1580751  | 1521317  | 1525902  | 1542657  | 2.14   | cps   |
| Molybdenum | 96-1  | 1678944  | 1663654  | 1656308  | 1666302  | 0.69   | cps   |
| Molybdenum | 97-1  | 950484   | 947744   | 940675   | 946301   | 0.53   | cps   |
| Molybdenum | 98-1  | 2495800  | 2468976  | 2480231  | 2481669  | 0.54   | cps   |
| Neodymium  | 150-1 | 67       | 73       | 67       | 69       | 5.59   | cps   |
| Neodymium  | 150-2 | 7        | 0        | 17       | 8        | 107.84 | cps   |
| Nickel     | 60-2  | 251585   | 247459   | 245879   | 248308   | 1.19   | cps   |
| Phosphorus | 31-2  | 2375     | 2350     | 2159     | 2295     | 5.17   | cps   |
| Potassium  | 39-2  | 151701   | 149510   | 148021   | 149744   | 1.24   | cps   |
| Rhodium    | 103-1 | 9380231  | 9293093  | 9265715  | 9313013  | 0.64   | cps   |
| Rhodium    | 103-2 | 2443992  | 2421906  | 2438377  | 2434758  | 0.47   | cps   |
| Scandium   | 45-1  | 5690478  | 5614449  | 5544102  | 5616343  | 1.30   | cps   |
| Scandium   | 45-2  | 40402    | 38780    | 39964    | 39715    | 2.11   | cps   |
| Selenium   | 77-2  | 1243     | 1203     | 1263     | 1237     | 2.47   | cps   |
| Selenium   | 78-2  | 4086     | 4312     | 4173     | 4190     | 2.72   | cps   |
| Selenium   | 82-1  | 243914   | 242344   | 241031   | 242429   | 0.60   | cps   |
| Silicon    | 28-1  | 6685324  | 6629140  | 6560541  | 6625002  | 0.94   | cps   |
| Silver     | 109-1 | 713850   | 710597   | 697213   | 707220   | 1.25   | cps   |
| Silver     | 107-1 | 740647   | 733150   | 731496   | 735098   | 0.66   | cps   |
| Sodium     | 23-2  | 888604   | 877716   | 869874   | 878732   | 1.07   | cps   |
| Strontium  | 86-1  | 524263   | 520265   | 520128   | 521552   | 0.45   | cps   |
| Strontium  | 88-1  | 4556272  | 4502571  | 4509315  | 4522719  | 0.65   | cps   |
| Sulfur     | 34-1  | 356590   | 349422   | 349243   | 351751   | 1.19   | cps   |
| Terbium    | 159-1 | 13958232 | 13841545 | 13777947 | 13859241 | 0.66   | cps   |
| Terbium    | 159-2 | 2563631  | 2513323  | 2561866  | 2546273  | 1.12   | cps   |
| Thallium   | 203-1 | 16471370 | 16471867 | 16366747 | 16436661 | 0.37   | cps   |
| Thallium   | 205-1 | 39511736 | 39247002 | 39172148 | 39310295 | 0.45   | cps   |
| Tin        | 118-1 | 4570911  | 4500169  | 4483029  | 4518036  | 1.03   | cps   |
| Titanium   | 47-1  | 198233   | 198214   | 196401   | 197616   | 0.53   | cps   |
| Uranium    | 238-1 | 267      | 292      | 308      | 289      | 7.26   | cps   |
| Vanadium   | 51-2  | 170284   | 168233   | 166148   | 168222   | 1.23   | cps   |
| Yttrium    | 89-1  | 10191895 | 10156861 | 10217559 | 10188772 | 0.30   | cps   |
| Yttrium    | 89-2  | 289533   | 282540   | 283279   | 285117   | 1.35   | cps   |
| Zinc       | 66-2  | 60639    | 60244    | 60773    | 60552    | 0.45   | cps   |

|                         |                       |                   |                     |
|-------------------------|-----------------------|-------------------|---------------------|
| LB Number :             | LB97237               | Operator :        | Jaswal              |
| Lab Sample ID :         | J4353-01MS            | Instrumnet Name : | P8                  |
| Client Sample ID :      | 96-1-SBSMT-UTILITY-SI | Dilution Factor : | 1                   |
| Date & Time Acquired :: | 2018-08-10 13:35:30   | DataFile Name :   | 027SMPL_P8081018-MS |

| Parameter | Mass | CPS1  | CPS2  | CPS3 | CPSMean | CPSRSD | Units |
|-----------|------|-------|-------|------|---------|--------|-------|
| Zirconium | 90-1 | 14016 | 11339 | 9921 | 11758   | 17.69  | cps   |
| Zirconium | 91-1 | 3626  | 2900  | 2609 | 3045    | 17.20  | cps   |



|                         |                       |                   |                     |
|-------------------------|-----------------------|-------------------|---------------------|
| LB Number :             | LB97237               | Operator :        | Jaswal              |
| Lab Sample ID :         | J4353-01MSD           | Instrumnet Name : | P8                  |
| Client Sample ID :      | 96-1-SBSMT-UTILITY-SI | Dilution Factor : | 1                   |
| Date & Time Acquired :: | 2018-08-10 13:38:46   | DataFile Name :   | 028SMPL_P8081018-MS |

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|------------|-------|----------|----------|----------|----------|--------|-------|
| Aluminium  | 27-2  | 10549    | 10552    | 10309    | 10470    | 1.33   | cps   |
| Antimony   | 121-1 | 7133950  | 7042138  | 7047187  | 7074425  | 0.73   | cps   |
| Arsenic    | 75-2  | 68988    | 68669    | 68694    | 68783    | 0.26   | cps   |
| Barium     | 135-1 | 439223   | 441267   | 441395   | 440628   | 0.28   | cps   |
| Barium     | 137-1 | 778282   | 780749   | 773920   | 777651   | 0.44   | cps   |
| Beryllium  | 9-1   | 233434   | 232742   | 231064   | 232413   | 0.52   | cps   |
| Bismuth    | 209-1 | 9097955  | 9005229  | 9100746  | 9067977  | 0.60   | cps   |
| Bismuth    | 209-2 | 2282852  | 2214899  | 2012950  | 2170234  | 6.47   | cps   |
| Boron      | 10-1  | 42004    | 42648    | 43200    | 42617    | 1.40   | cps   |
| Boron      | 11-1  | 194155   | 197839   | 202467   | 198154   | 2.10   | cps   |
| Cadmium    | 111-1 | 408559   | 408864   | 405176   | 407533   | 0.50   | cps   |
| Cadmium    | 106-1 | 37804    | 38715    | 37804    | 38108    | 1.38   | cps   |
| Cadmium    | 108-1 | 26176    | 26117    | 26606    | 26300    | 1.01   | cps   |
| Calcium    | 43-1  | 124816   | 124246   | 123481   | 124181   | 0.54   | cps   |
| Calcium    | 44-1  | 2093312  | 2080679  | 2062269  | 2078753  | 0.75   | cps   |
| Chromium   | 52-2  | 300628   | 297754   | 298904   | 299095   | 0.48   | cps   |
| Cobalt     | 59-2  | 331530   | 332181   | 332738   | 332150   | 0.18   | cps   |
| Copper     | 63-2  | 1110023  | 1105398  | 1107842  | 1107754  | 0.21   | cps   |
| Dysprosium | 156-1 | 365593   | 368826   | 364480   | 366299   | 0.62   | cps   |
| Dysprosium | 156-2 | 6829     | 6562     | 6495     | 6628     | 2.66   | cps   |
| Erbium     | 164-1 | 83       | 67       | 75       | 75       | 11.11  | cps   |
| Erbium     | 164-2 | 20       | 27       | 33       | 27       | 24.99  | cps   |
| Gadolinium | 160-1 | 167      | 192      | 175      | 178      | 7.16   | cps   |
| Gadolinium | 160-2 | 20       | 13       | 7        | 13       | 49.99  | cps   |
| Holmium    | 165-1 | 13632757 | 13421862 | 13315429 | 13456683 | 1.20   | cps   |
| Holmium    | 165-2 | 2714951  | 2649406  | 2438754  | 2601037  | 5.55   | cps   |
| Indium     | 115-1 | 9916747  | 9862529  | 9835250  | 9871509  | 0.42   | cps   |
| Indium     | 115-2 | 385858   | 370526   | 337887   | 364757   | 6.72   | cps   |
| Iron       | 56-2  | 1762091  | 1761203  | 1746260  | 1756518  | 0.51   | cps   |
| Iron       | 57-2  | 44828    | 42877    | 43128    | 43611    | 2.43   | cps   |
| Krypton    | 83-1  | 337      | 317      | 293      | 316      | 6.87   | cps   |
| Lead       | 206-1 | 6805991  | 6824967  | 6848051  | 6826336  | 0.31   | cps   |
| Lead       | 207-1 | 6128612  | 6088444  | 6084079  | 6100378  | 0.40   | cps   |
| Lead       | 208-1 | 27718908 | 27609508 | 27770286 | 27699567 | 0.30   | cps   |
| Lithium    | 6-1   | 1708330  | 1693410  | 1699906  | 1700549  | 0.44   | cps   |
| Magnesium  | 24-2  | 85029    | 83252    | 82473    | 83585    | 1.57   | cps   |

|                         |                       |                   |                     |
|-------------------------|-----------------------|-------------------|---------------------|
| LB Number :             | LB97237               | Operator :        | Jaswal              |
| Lab Sample ID :         | J4353-01MSD           | Instrumnet Name : | P8                  |
| Client Sample ID :      | 96-1-SBSMT-UTILITY-SI | Dilution Factor : | 1                   |
| Date & Time Acquired :: | 2018-08-10 13:38:46   | DataFile Name :   | 028SMPL_P8081018-MS |

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|------------|-------|----------|----------|----------|----------|--------|-------|
| Manganese  | 55-2  | 43498    | 42612    | 42939    | 43016    | 1.04   | cps   |
| Molybdenum | 94-1  | 870233   | 867353   | 860981   | 866189   | 0.55   | cps   |
| Molybdenum | 95-1  | 1544864  | 1551073  | 1543503  | 1546480  | 0.26   | cps   |
| Molybdenum | 96-1  | 1700863  | 1687315  | 1662925  | 1683701  | 1.14   | cps   |
| Molybdenum | 97-1  | 955309   | 949781   | 953442   | 952844   | 0.30   | cps   |
| Molybdenum | 98-1  | 2491457  | 2487143  | 2488349  | 2488983  | 0.09   | cps   |
| Neodymium  | 150-1 | 120      | 93       | 73       | 96       | 24.50  | cps   |
| Neodymium  | 150-2 | 13       | 0        | 10       | 8        | 89.21  | cps   |
| Nickel     | 60-2  | 245386   | 244187   | 246968   | 245514   | 0.57   | cps   |
| Phosphorus | 31-2  | 2092     | 2100     | 1984     | 2059     | 3.16   | cps   |
| Potassium  | 39-2  | 143870   | 141597   | 142819   | 142762   | 0.80   | cps   |
| Rhodium    | 103-1 | 9197172  | 9066404  | 9095733  | 9119769  | 0.75   | cps   |
| Rhodium    | 103-2 | 2454911  | 2392811  | 2187773  | 2345165  | 5.96   | cps   |
| Scandium   | 45-1  | 5530706  | 5425430  | 5432001  | 5462712  | 1.08   | cps   |
| Scandium   | 45-2  | 39867    | 38185    | 34486    | 37513    | 7.34   | cps   |
| Selenium   | 77-2  | 1170     | 1073     | 1180     | 1141     | 5.16   | cps   |
| Selenium   | 78-2  | 3971     | 4082     | 4088     | 4047     | 1.63   | cps   |
| Selenium   | 82-1  | 244421   | 242942   | 241625   | 242996   | 0.58   | cps   |
| Silicon    | 28-1  | 6601984  | 6534815  | 6488700  | 6541833  | 0.87   | cps   |
| Silver     | 109-1 | 706321   | 720187   | 710868   | 712459   | 0.99   | cps   |
| Silver     | 107-1 | 741690   | 738688   | 740991   | 740456   | 0.21   | cps   |
| Sodium     | 23-2  | 859354   | 844434   | 851105   | 851631   | 0.88   | cps   |
| Strontium  | 86-1  | 522938   | 516887   | 515493   | 518439   | 0.76   | cps   |
| Strontium  | 88-1  | 4524855  | 4513649  | 4546285  | 4528263  | 0.37   | cps   |
| Sulfur     | 34-1  | 335021   | 333674   | 329741   | 332812   | 0.82   | cps   |
| Terbium    | 159-1 | 13860745 | 13698836 | 13766337 | 13775306 | 0.59   | cps   |
| Terbium    | 159-2 | 2599064  | 2526228  | 2286265  | 2470519  | 6.63   | cps   |
| Thallium   | 203-1 | 16759330 | 16778859 | 16691877 | 16743355 | 0.27   | cps   |
| Thallium   | 205-1 | 40423182 | 40024156 | 40145308 | 40197549 | 0.51   | cps   |
| Tin        | 118-1 | 4585552  | 4577488  | 4580672  | 4581237  | 0.09   | cps   |
| Titanium   | 47-1  | 198369   | 194458   | 196994   | 196607   | 1.01   | cps   |
| Uranium    | 238-1 | 333      | 325      | 367      | 342      | 6.45   | cps   |
| Vanadium   | 51-2  | 166485   | 163302   | 166301   | 165363   | 1.08   | cps   |
| Yttrium    | 89-1  | 9977343  | 9960324  | 10011206 | 9982958  | 0.26   | cps   |
| Yttrium    | 89-2  | 286245   | 278956   | 253768   | 272989   | 6.24   | cps   |
| Zinc       | 66-2  | 60023    | 59520    | 60254    | 59932    | 0.63   | cps   |

|                         |                       |                   |                     |
|-------------------------|-----------------------|-------------------|---------------------|
| LB Number :             | LB97237               | Operator :        | Jaswal              |
| Lab Sample ID :         | J4353-01MSD           | Instrumnet Name : | P8                  |
| Client Sample ID :      | 96-1-SBSMT-UTILITY-SI | Dilution Factor : | 1                   |
| Date & Time Acquired :: | 2018-08-10 13:38:46   | DataFile Name :   | 028SMPL_P8081018-MS |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|-----------|------|------|------|------|---------|--------|-------|
| Zirconium | 90-1 | 6377 | 5726 | 5360 | 5821    | 8.85   | cps   |
| Zirconium | 91-1 | 2025 | 1759 | 1975 | 1920    | 7.39   | cps   |

|                         |                     |                   |                      |
|-------------------------|---------------------|-------------------|----------------------|
| LB Number :             | LB97237             | Operator :        | Jaswal               |
| Lab Sample ID :         | CCV91               | Instrumnet Name : | P8                   |
| Client Sample ID :      | CCV91               | Dilution Factor : | 1                    |
| Date & Time Acquired :: | 2018-08-10 13:42:01 | DataFile Name :   | 029CCV_P8081018-MS.I |

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|------------|-------|----------|----------|----------|----------|--------|-------|
| Aluminium  | 27-2  | 279755   | 278473   | 279076   | 279102   | 0.23   | cps   |
| Antimony   | 121-1 | 4305078  | 4362178  | 4356992  | 4341416  | 0.73   | cps   |
| Arsenic    | 75-2  | 41332    | 41845    | 41713    | 41630    | 0.64   | cps   |
| Barium     | 135-1 | 4722613  | 4716787  | 4719227  | 4719542  | 0.06   | cps   |
| Barium     | 137-1 | 8234880  | 8221830  | 8207811  | 8221507  | 0.16   | cps   |
| Beryllium  | 9-1   | 542958   | 542757   | 541932   | 542549   | 0.10   | cps   |
| Bismuth    | 209-1 | 7904620  | 8087430  | 8162884  | 8051645  | 1.65   | cps   |
| Bismuth    | 209-2 | 1961479  | 2017352  | 1963305  | 1980712  | 1.60   | cps   |
| Boron      | 10-1  | 64898    | 66338    | 68171    | 66469    | 2.47   | cps   |
| Boron      | 11-1  | 305203   | 313451   | 319331   | 312661   | 2.27   | cps   |
| Cadmium    | 111-1 | 895386   | 901876   | 905422   | 900895   | 0.56   | cps   |
| Cadmium    | 106-1 | 97031    | 97854    | 97744    | 97543    | 0.46   | cps   |
| Cadmium    | 108-1 | 64328    | 64705    | 64722    | 64585    | 0.34   | cps   |
| Calcium    | 43-1  | 4504038  | 4519629  | 4569433  | 4531033  | 0.75   | cps   |
| Calcium    | 44-1  | 72942527 | 73593531 | 73347670 | 73294576 | 0.45   | cps   |
| Chromium   | 52-2  | 365473   | 365212   | 366554   | 365746   | 0.19   | cps   |
| Cobalt     | 59-2  | 765095   | 768632   | 768046   | 767257   | 0.25   | cps   |
| Copper     | 63-2  | 1281947  | 1291490  | 1285151  | 1286196  | 0.38   | cps   |
| Dysprosium | 156-1 | 133      | 150      | 58       | 114      | 42.87  | cps   |
| Dysprosium | 156-2 | 13       | 17       | 13       | 14       | 13.35  | cps   |
| Erbium     | 164-1 | 67       | 25       | 33       | 42       | 52.92  | cps   |
| Erbium     | 164-2 | 17       | 10       | 7        | 11       | 45.82  | cps   |
| Gadolinium | 160-1 | 108      | 83       | 50       | 81       | 36.33  | cps   |
| Gadolinium | 160-2 | 30       | 13       | 10       | 18       | 60.28  | cps   |
| Holmium    | 165-1 | 12624964 | 12658398 | 12662429 | 12648597 | 0.16   | cps   |
| Holmium    | 165-2 | 2547428  | 2571888  | 2508669  | 2542662  | 1.25   | cps   |
| Indium     | 115-1 | 8874153  | 8944495  | 9101974  | 8973540  | 1.30   | cps   |
| Indium     | 115-2 | 345518   | 352922   | 344592   | 347677   | 1.31   | cps   |
| Iron       | 56-2  | 59643925 | 59943337 | 59964165 | 59850476 | 0.30   | cps   |
| Iron       | 57-2  | 1520367  | 1526118  | 1532979  | 1526488  | 0.41   | cps   |
| Krypton    | 83-1  | 343      | 300      | 353      | 332      | 8.53   | cps   |
| Lead       | 206-1 | 3117400  | 3149619  | 3140540  | 3135853  | 0.53   | cps   |
| Lead       | 207-1 | 2834864  | 2847134  | 2844148  | 2842049  | 0.23   | cps   |
| Lead       | 208-1 | 12761623 | 12880603 | 12777087 | 12806438 | 0.51   | cps   |
| Lithium    | 6-1   | 1544129  | 1566266  | 1577344  | 1562580  | 1.08   | cps   |
| Magnesium  | 24-2  | 6463475  | 6442172  | 6441509  | 6449052  | 0.19   | cps   |

|                         |                     |                   |                      |
|-------------------------|---------------------|-------------------|----------------------|
| LB Number :             | LB97237             | Operator :        | Jaswal               |
| Lab Sample ID :         | CCV91               | Instrumnet Name : | P8                   |
| Client Sample ID :      | CCV91               | Dilution Factor : | 1                    |
| Date & Time Acquired :: | 2018-08-10 13:42:01 | DataFile Name :   | 029CCV_P8081018-MS.I |

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|------------|-------|----------|----------|----------|----------|--------|-------|
| Manganese  | 55-2  | 198882   | 200892   | 200202   | 199992   | 0.51   | cps   |
| Molybdenum | 94-1  | 7294775  | 7382702  | 7363575  | 7347017  | 0.63   | cps   |
| Molybdenum | 95-1  | 9047229  | 8930242  | 8993629  | 8990367  | 0.65   | cps   |
| Molybdenum | 96-1  | 10090717 | 10014372 | 10070652 | 10058580 | 0.39   | cps   |
| Molybdenum | 97-1  | 5708796  | 5720257  | 5717973  | 5715675  | 0.11   | cps   |
| Molybdenum | 98-1  | 14542925 | 14360160 | 14613270 | 14505452 | 0.90   | cps   |
| Neodymium  | 150-1 | 313      | 287      | 280      | 293      | 6.01   | cps   |
| Neodymium  | 150-2 | 7        | 0        | 3        | 3        | 100.05 | cps   |
| Nickel     | 60-2  | 225508   | 226046   | 225725   | 225760   | 0.12   | cps   |
| Phosphorus | 31-2  | 3326     | 3409     | 3050     | 3262     | 5.75   | cps   |
| Potassium  | 39-2  | 1643272  | 1641014  | 1643742  | 1642676  | 0.09   | cps   |
| Rhodium    | 103-1 | 8068819  | 8142776  | 8281465  | 8164353  | 1.32   | cps   |
| Rhodium    | 103-2 | 2119168  | 2167861  | 2110426  | 2132485  | 1.45   | cps   |
| Scandium   | 45-1  | 5090652  | 5176952  | 5201102  | 5156235  | 1.13   | cps   |
| Scandium   | 45-2  | 35946    | 37550    | 36538    | 36678    | 2.21   | cps   |
| Selenium   | 77-2  | 237      | 283      | 220      | 247      | 13.31  | cps   |
| Selenium   | 78-2  | 939      | 913      | 993      | 948      | 4.28   | cps   |
| Selenium   | 82-1  | 53824    | 54143    | 54729    | 54232    | 0.85   | cps   |
| Silicon    | 28-1  | 2013255  | 2022856  | 2018204  | 2018105  | 0.24   | cps   |
| Silver     | 109-1 | 4245910  | 4210171  | 4244351  | 4233477  | 0.48   | cps   |
| Silver     | 107-1 | 4449140  | 4485580  | 4477552  | 4470757  | 0.43   | cps   |
| Sodium     | 23-2  | 14627728 | 14524389 | 14618168 | 14590095 | 0.39   | cps   |
| Strontium  | 86-1  | 1114361  | 1115506  | 1123022  | 1117629  | 0.42   | cps   |
| Strontium  | 88-1  | 9603163  | 9740919  | 9792021  | 9712034  | 1.01   | cps   |
| Sulfur     | 34-1  | 594934   | 596176   | 591990   | 594367   | 0.36   | cps   |
| Terbium    | 159-1 | 12784579 | 12794424 | 12872894 | 12817299 | 0.38   | cps   |
| Terbium    | 159-2 | 2381348  | 2396961  | 2359061  | 2379123  | 0.80   | cps   |
| Thallium   | 203-1 | 3857679  | 3832108  | 3870917  | 3853568  | 0.51   | cps   |
| Thallium   | 205-1 | 9121538  | 9092745  | 9060945  | 9091743  | 0.33   | cps   |
| Tin        | 118-1 | 3035559  | 3035844  | 3085050  | 3052151  | 0.93   | cps   |
| Titanium   | 47-1  | 2288532  | 2334747  | 2306147  | 2309809  | 1.01   | cps   |
| Uranium    | 238-1 | 12971120 | 13079949 | 12984448 | 13011839 | 0.46   | cps   |
| Vanadium   | 51-2  | 265621   | 267544   | 264701   | 265955   | 0.55   | cps   |
| Yttrium    | 89-1  | 9254594  | 9318971  | 9415439  | 9329668  | 0.87   | cps   |
| Yttrium    | 89-2  | 262180   | 267525   | 261049   | 263585   | 1.31   | cps   |
| Zinc       | 66-2  | 113825   | 113520   | 114571   | 113972   | 0.47   | cps   |

|                         |                     |                   |                      |
|-------------------------|---------------------|-------------------|----------------------|
| LB Number :             | LB97237             | Operator :        | Jaswal               |
| Lab Sample ID :         | CCV91               | Instrumnet Name : | P8                   |
| Client Sample ID :      | CCV91               | Dilution Factor : | 1                    |
| Date & Time Acquired :: | 2018-08-10 13:42:01 | DataFile Name :   | 029CCV_P8081018-MS.I |

| Parameter | Mass | CPS1    | CPS2    | CPS3    | CPSMean | CPSRSD | Units |
|-----------|------|---------|---------|---------|---------|--------|-------|
| Zirconium | 90-1 | 6142486 | 6062030 | 6182976 | 6129164 | 1.00   | cps   |
| Zirconium | 91-1 | 1365276 | 1358640 | 1385703 | 1369873 | 1.03   | cps   |

|                         |                     |                   |                     |
|-------------------------|---------------------|-------------------|---------------------|
| LB Number :             | LB97237             | Operator :        | Jaswal              |
| Lab Sample ID :         | CCB91               | Instrumnet Name : | P8                  |
| Client Sample ID :      | CCB91               | Dilution Factor : | 1                   |
| Date & Time Acquired :: | 2018-08-10 13:45:11 | DataFile Name :   | 030CCBE_P8081018-M8 |

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|------------|-------|----------|----------|----------|----------|--------|-------|
| Aluminium  | 27-2  | 10       | 18       | 3        | 10       | 75.00  | cps   |
| Antimony   | 121-1 | 13082    | 11689    | 10880    | 11884    | 9.37   | cps   |
| Arsenic    | 75-2  | 17       | 20       | 13       | 17       | 22.23  | cps   |
| Barium     | 135-1 | 150      | 150      | 92       | 131      | 25.80  | cps   |
| Barium     | 137-1 | 208      | 275      | 200      | 228      | 18.05  | cps   |
| Beryllium  | 9-1   | 406      | 378      | 406      | 396      | 4.05   | cps   |
| Bismuth    | 209-1 | 8152796  | 8013931  | 8449114  | 8205280  | 2.71   | cps   |
| Bismuth    | 209-2 | 2038230  | 2131728  | 2128296  | 2099418  | 2.53   | cps   |
| Boron      | 10-1  | 3692     | 3226     | 3567     | 3495     | 6.91   | cps   |
| Boron      | 11-1  | 16343    | 15117    | 14867    | 15442    | 5.12   | cps   |
| Cadmium    | 111-1 | 1394     | 1435     | 1562     | 1464     | 5.97   | cps   |
| Cadmium    | 106-1 | 1842     | 1942     | 2067     | 1950     | 5.78   | cps   |
| Cadmium    | 108-1 | 17       | 17       | 8        | 14       | 34.67  | cps   |
| Calcium    | 43-1  | 533      | 292      | 508      | 444      | 29.90  | cps   |
| Calcium    | 44-1  | 16494    | 15292    | 15501    | 15762    | 4.07   | cps   |
| Chromium   | 52-2  | 383      | 310      | 280      | 324      | 16.39  | cps   |
| Cobalt     | 59-2  | 57       | 67       | 50       | 58       | 14.52  | cps   |
| Copper     | 63-2  | 1240     | 1207     | 1060     | 1169     | 8.19   | cps   |
| Dysprosium | 156-1 | 42       | 50       | 50       | 47       | 10.18  | cps   |
| Dysprosium | 156-2 | 3        | 0        | 0        | 1        | 173.21 | cps   |
| Erbium     | 164-1 | 25       | 33       | 58       | 39       | 44.62  | cps   |
| Erbium     | 164-2 | 10       | 7        | 3        | 7        | 50.03  | cps   |
| Gadolinium | 160-1 | 50       | 42       | 58       | 50       | 16.67  | cps   |
| Gadolinium | 160-2 | 7        | 10       | 17       | 11       | 45.82  | cps   |
| Holmium    | 165-1 | 12344669 | 11935092 | 12461978 | 12247246 | 2.26   | cps   |
| Holmium    | 165-2 | 2490655  | 2561193  | 2514295  | 2522048  | 1.42   | cps   |
| Indium     | 115-1 | 9221326  | 8971419  | 9422231  | 9204992  | 2.45   | cps   |
| Indium     | 115-2 | 356507   | 372122   | 367098   | 365242   | 2.18   | cps   |
| Iron       | 56-2  | 2812     | 2528     | 2361     | 2567     | 8.86   | cps   |
| Iron       | 57-2  | 61       | 106      | 67       | 78       | 31.14  | cps   |
| Krypton    | 83-1  | 300      | 427      | 363      | 363      | 17.43  | cps   |
| Lead       | 206-1 | 778      | 717      | 672      | 722      | 7.34   | cps   |
| Lead       | 207-1 | 633      | 600      | 644      | 626      | 3.69   | cps   |
| Lead       | 208-1 | 2956     | 2939     | 2772     | 2889     | 3.51   | cps   |
| Lithium    | 6-1   | 1555175  | 1495477  | 1599954  | 1550202  | 3.38   | cps   |
| Magnesium  | 24-2  | 350      | 308      | 317      | 325      | 6.78   | cps   |

|                         |                     |                   |                     |
|-------------------------|---------------------|-------------------|---------------------|
| LB Number :             | LB97237             | Operator :        | Jaswal              |
| Lab Sample ID :         | CCB91               | Instrumnet Name : | P8                  |
| Client Sample ID :      | CCB91               | Dilution Factor : | 1                   |
| Date & Time Acquired :: | 2018-08-10 13:45:11 | DataFile Name :   | 030CCBE_P8081018-M8 |

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD   | Units |
|------------|-------|----------|----------|----------|----------|----------|-------|
| Manganese  | 55-2  | 93       | 77       | 97       | 89       | 12.05    | cps   |
| Molybdenum | 94-1  | 3551     | 3084     | 3059     | 3231     | 8.57     | cps   |
| Molybdenum | 95-1  | 4359     | 3609     | 3801     | 3923     | 9.94     | cps   |
| Molybdenum | 96-1  | 4843     | 4384     | 4034     | 4420     | 9.17     | cps   |
| Molybdenum | 97-1  | 2859     | 2559     | 2059     | 2492     | 16.22    | cps   |
| Molybdenum | 98-1  | 6710     | 6002     | 5660     | 6124     | 8.75     | cps   |
| Neodymium  | 150-1 | 0        | 0        | 13       | 4        | 173.21   | cps   |
| Neodymium  | 150-2 | 3        | 0        | 0        | 1        | 173.21   | cps   |
| Nickel     | 60-2  | 133      | 167      | 167      | 156      | 12.37    | cps   |
| Phosphorus | 31-2  | 0        | 0        | 17       | 6        | 173.21   | cps   |
| Potassium  | 39-2  | 2450     | 2350     | 2292     | 2364     | 3.39     | cps   |
| Rhodium    | 103-1 | 8578105  | 8399690  | 8756059  | 8577951  | 2.08     | cps   |
| Rhodium    | 103-2 | 2233002  | 2337562  | 2299465  | 2290010  | 2.31     | cps   |
| Scandium   | 45-1  | 5094175  | 5006130  | 5179772  | 5093359  | 1.70     | cps   |
| Scandium   | 45-2  | 36558    | 38409    | 37560    | 37509    | 2.47     | cps   |
| Selenium   | 77-2  | 0        | 0        | 0        | 0        | 0.00     | cps   |
| Selenium   | 78-2  | 0        | 0        | 2        | 1        | 173.21   | cps   |
| Selenium   | 82-1  | 67       | -41      | -36      | -4       | -1661.18 | cps   |
| Silicon    | 28-1  | 289835   | 292132   | 286875   | 289614   | 0.91     | cps   |
| Silver     | 109-1 | 692      | 758      | 708      | 720      | 4.82     | cps   |
| Silver     | 107-1 | 733      | 733      | 775      | 747      | 3.22     | cps   |
| Sodium     | 23-2  | 9545     | 9212     | 8970     | 9242     | 3.13     | cps   |
| Strontium  | 86-1  | 517      | 492      | 508      | 506      | 2.52     | cps   |
| Strontium  | 88-1  | 458      | 342      | 358      | 386      | 16.34    | cps   |
| Sulfur     | 34-1  | 332075   | 332293   | 332991   | 332453   | 0.14     | cps   |
| Terbium    | 159-1 | 12669056 | 12170255 | 12903020 | 12580777 | 2.97     | cps   |
| Terbium    | 159-2 | 2359686  | 2412711  | 2394677  | 2389025  | 1.13     | cps   |
| Thallium   | 203-1 | 1942     | 1467     | 1475     | 1628     | 16.70    | cps   |
| Thallium   | 205-1 | 4543     | 4151     | 3784     | 4159     | 9.12     | cps   |
| Tin        | 118-1 | 4934     | 4501     | 4434     | 4623     | 5.87     | cps   |
| Titanium   | 47-1  | 242      | 217      | 183      | 214      | 13.68    | cps   |
| Uranium    | 238-1 | 550      | 533      | 467      | 517      | 8.53     | cps   |
| Vanadium   | 51-2  | 3        | 7        | 0        | 3        | 100.05   | cps   |
| Yttrium    | 89-1  | 9251526  | 8978696  | 9410676  | 9213632  | 2.37     | cps   |
| Yttrium    | 89-2  | 261661   | 271231   | 268639   | 267177   | 1.85     | cps   |
| Zinc       | 66-2  | 180      | 180      | 200      | 187      | 6.19     | cps   |



|                         |                     |                   |                     |
|-------------------------|---------------------|-------------------|---------------------|
| LB Number :             | LB97237             | Operator :        | Jaswal              |
| Lab Sample ID :         | CCB91               | Instrumnet Name : | P8                  |
| Client Sample ID :      | CCB91               | Dilution Factor : | 1                   |
| Date & Time Acquired :: | 2018-08-10 13:45:11 | DataFile Name :   | 030CCBE_P8081018-MS |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|-----------|------|------|------|------|---------|--------|-------|
| Zirconium | 90-1 | 2992 | 3234 | 2450 | 2892    | 13.87  | cps   |
| Zirconium | 91-1 | 792  | 683  | 617  | 697     | 12.67  | cps   |

|                         |                       |                   |                     |
|-------------------------|-----------------------|-------------------|---------------------|
| LB Number :             | LB97237               | Operator :        | Jaswal              |
| Lab Sample ID :         | J4353-01A             | Instrumnet Name : | P8                  |
| Client Sample ID :      | 96-1-SBSMT-UTILITY-SI | Dilution Factor : | 1                   |
| Date & Time Acquired :: | 2018-08-10 13:48:32   | DataFile Name :   | 031SMPL_P8081018-MS |

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|------------|-------|----------|----------|----------|----------|--------|-------|
| Aluminium  | 27-2  | 10977    | 11162    | 10477    | 10872    | 3.26   | cps   |
| Antimony   | 121-1 | 7145777  | 7155306  | 7059151  | 7120078  | 0.74   | cps   |
| Arsenic    | 75-2  | 70865    | 70313    | 69816    | 70331    | 0.75   | cps   |
| Barium     | 135-1 | 447818   | 441782   | 444373   | 444658   | 0.68   | cps   |
| Barium     | 137-1 | 784007   | 778775   | 780481   | 781087   | 0.34   | cps   |
| Beryllium  | 9-1   | 241343   | 237762   | 235209   | 238105   | 1.29   | cps   |
| Bismuth    | 209-1 | 9120064  | 9013807  | 9004840  | 9046237  | 0.71   | cps   |
| Bismuth    | 209-2 | 2180003  | 2119614  | 2199499  | 2166372  | 1.92   | cps   |
| Boron      | 10-1  | 43324    | 42589    | 44236    | 43383    | 1.90   | cps   |
| Boron      | 11-1  | 199467   | 199535   | 202655   | 200552   | 0.91   | cps   |
| Cadmium    | 111-1 | 410048   | 408159   | 410490   | 409566   | 0.30   | cps   |
| Cadmium    | 106-1 | 39977    | 38389    | 37996    | 38788    | 2.70   | cps   |
| Cadmium    | 108-1 | 27153    | 26927    | 26510    | 26863    | 1.21   | cps   |
| Calcium    | 43-1  | 126256   | 124978   | 125018   | 125417   | 0.58   | cps   |
| Calcium    | 44-1  | 2161677  | 2101414  | 2077922  | 2113671  | 2.04   | cps   |
| Chromium   | 52-2  | 308901   | 304402   | 300750   | 304684   | 1.34   | cps   |
| Cobalt     | 59-2  | 340616   | 340289   | 335762   | 338889   | 0.80   | cps   |
| Copper     | 63-2  | 1132342  | 1124825  | 1106973  | 1121380  | 1.16   | cps   |
| Dysprosium | 156-1 | 374423   | 368877   | 371765   | 371688   | 0.75   | cps   |
| Dysprosium | 156-2 | 6672     | 6792     | 6302     | 6588     | 3.88   | cps   |
| Erbium     | 164-1 | 125      | 125      | 133      | 128      | 3.76   | cps   |
| Erbium     | 164-2 | 13       | 37       | 17       | 22       | 56.80  | cps   |
| Gadolinium | 160-1 | 183      | 117      | 133      | 144      | 24.02  | cps   |
| Gadolinium | 160-2 | 17       | 13       | 3        | 11       | 62.48  | cps   |
| Holmium    | 165-1 | 13719812 | 13744246 | 13537942 | 13667333 | 0.82   | cps   |
| Holmium    | 165-2 | 2576672  | 2546697  | 2617387  | 2580252  | 1.38   | cps   |
| Indium     | 115-1 | 10012675 | 9974587  | 9973201  | 9986821  | 0.22   | cps   |
| Indium     | 115-2 | 366924   | 361365   | 366739   | 365009   | 0.87   | cps   |
| Iron       | 56-2  | 1841766  | 1829194  | 1763372  | 1811444  | 2.32   | cps   |
| Iron       | 57-2  | 45547    | 44198    | 44042    | 44596    | 1.86   | cps   |
| Krypton    | 83-1  | 343      | 293      | 297      | 311      | 8.98   | cps   |
| Lead       | 206-1 | 6891211  | 6786139  | 6746727  | 6808026  | 1.10   | cps   |
| Lead       | 207-1 | 6096473  | 6020591  | 6071040  | 6062701  | 0.64   | cps   |
| Lead       | 208-1 | 27849299 | 27499343 | 27569101 | 27639248 | 0.67   | cps   |
| Lithium    | 6-1   | 1726128  | 1724717  | 1700691  | 1717179  | 0.83   | cps   |
| Magnesium  | 24-2  | 87939    | 86471    | 86170    | 86860    | 1.09   | cps   |

|                         |                       |                   |                     |
|-------------------------|-----------------------|-------------------|---------------------|
| LB Number :             | LB97237               | Operator :        | Jaswal              |
| Lab Sample ID :         | J4353-01A             | Instrumnet Name : | P8                  |
| Client Sample ID :      | 96-1-SBSMT-UTILITY-SI | Dilution Factor : | 1                   |
| Date & Time Acquired :: | 2018-08-10 13:48:32   | DataFile Name :   | 031SMPL_P8081018-MS |

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|------------|-------|----------|----------|----------|----------|--------|-------|
| Manganese  | 55-2  | 44521    | 43311    | 43257    | 43696    | 1.64   | cps   |
| Molybdenum | 94-1  | 883741   | 876221   | 876267   | 878743   | 0.49   | cps   |
| Molybdenum | 95-1  | 1570330  | 1558695  | 1539221  | 1556082  | 1.01   | cps   |
| Molybdenum | 96-1  | 1676712  | 1674043  | 1664987  | 1671914  | 0.37   | cps   |
| Molybdenum | 97-1  | 961091   | 951530   | 956955   | 956525   | 0.50   | cps   |
| Molybdenum | 98-1  | 2517408  | 2483722  | 2512379  | 2504503  | 0.73   | cps   |
| Neodymium  | 150-1 | 80       | 40       | 107      | 76       | 44.41  | cps   |
| Neodymium  | 150-2 | 7        | 7        | 0        | 4        | 86.60  | cps   |
| Nickel     | 60-2  | 251944   | 249020   | 245706   | 248890   | 1.25   | cps   |
| Phosphorus | 31-2  | 2217     | 2492     | 2092     | 2267     | 9.03   | cps   |
| Potassium  | 39-2  | 152081   | 147844   | 145057   | 148328   | 2.38   | cps   |
| Rhodium    | 103-1 | 9328988  | 9341685  | 9207671  | 9292781  | 0.80   | cps   |
| Rhodium    | 103-2 | 2357945  | 2302607  | 2365976  | 2342176  | 1.47   | cps   |
| Scandium   | 45-1  | 5618310  | 5574805  | 5535693  | 5576269  | 0.74   | cps   |
| Scandium   | 45-2  | 37534    | 37049    | 38687    | 37756    | 2.23   | cps   |
| Selenium   | 77-2  | 1267     | 1203     | 1197     | 1222     | 3.16   | cps   |
| Selenium   | 78-2  | 4201     | 4260     | 4262     | 4241     | 0.82   | cps   |
| Selenium   | 82-1  | 246778   | 245358   | 243200   | 245112   | 0.73   | cps   |
| Silicon    | 28-1  | 6718434  | 6682063  | 6596607  | 6665701  | 0.94   | cps   |
| Silver     | 109-1 | 712025   | 712024   | 711330   | 711793   | 0.06   | cps   |
| Silver     | 107-1 | 749367   | 746219   | 740242   | 745276   | 0.62   | cps   |
| Sodium     | 23-2  | 883618   | 881268   | 860494   | 875127   | 1.45   | cps   |
| Strontium  | 86-1  | 524669   | 526301   | 524824   | 525265   | 0.17   | cps   |
| Strontium  | 88-1  | 4625601  | 4543697  | 4539591  | 4569630  | 1.06   | cps   |
| Sulfur     | 34-1  | 353593   | 345785   | 341532   | 346970   | 1.76   | cps   |
| Terbium    | 159-1 | 13991384 | 13862937 | 13864423 | 13906248 | 0.53   | cps   |
| Terbium    | 159-2 | 2449754  | 2436669  | 2487523  | 2457982  | 1.07   | cps   |
| Thallium   | 203-1 | 16795247 | 16709260 | 16681995 | 16728834 | 0.35   | cps   |
| Thallium   | 205-1 | 40229421 | 40318410 | 39998232 | 40182021 | 0.41   | cps   |
| Tin        | 118-1 | 4591202  | 4640672  | 4590781  | 4607552  | 0.62   | cps   |
| Titanium   | 47-1  | 203283   | 198683   | 192109   | 198025   | 2.84   | cps   |
| Uranium    | 238-1 | 458      | 333      | 383      | 392      | 16.06  | cps   |
| Vanadium   | 51-2  | 170527   | 169720   | 165888   | 168712   | 1.47   | cps   |
| Yttrium    | 89-1  | 10306079 | 10323939 | 10028999 | 10219672 | 1.62   | cps   |
| Yttrium    | 89-2  | 274016   | 267587   | 274565   | 272056   | 1.43   | cps   |
| Zinc       | 66-2  | 61301    | 60438    | 59273    | 60337    | 1.69   | cps   |

|                         |                       |                   |                     |
|-------------------------|-----------------------|-------------------|---------------------|
| LB Number :             | LB97237               | Operator :        | Jaswal              |
| Lab Sample ID :         | J4353-01A             | Instrumnet Name : | P8                  |
| Client Sample ID :      | 96-1-SBSMT-UTILITY-SI | Dilution Factor : | 1                   |
| Date & Time Acquired :: | 2018-08-10 13:48:32   | DataFile Name :   | 031SMPL_P8081018-MS |

| Parameter | Mass | CPS1  | CPS2  | CPS3  | CPSMean | CPSRSD | Units |
|-----------|------|-------|-------|-------|---------|--------|-------|
| Zirconium | 90-1 | 21935 | 16302 | 13274 | 17170   | 25.60  | cps   |
| Zirconium | 91-1 | 5235  | 4276  | 3759  | 4423    | 16.93  | cps   |

LB Number : LB97237 Operator : Jaswal  
 Lab Sample ID : J4353-02 Instrumnet Name : P8  
 Client Sample ID : 96-2-BSMT-MUSIC-RM-5 Dilution Factor : 1  
 Date & Time Acquired :: 2018-08-10 13:51:48 DataFile Name : 032SMPL\_P8081018-MS

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|------------|-------|----------|----------|----------|----------|--------|-------|
| Aluminium  | 27-2  | 285      | 238      | 283      | 268      | 9.96   | cps   |
| Antimony   | 121-1 | 26435    | 24941    | 24941    | 25439    | 3.39   | cps   |
| Arsenic    | 75-2  | 56       | 30       | 41       | 42       | 30.99  | cps   |
| Barium     | 135-1 | 37855    | 38181    | 38114    | 38050    | 0.45   | cps   |
| Barium     | 137-1 | 68143    | 66326    | 65772    | 66747    | 1.86   | cps   |
| Beryllium  | 9-1   | 267      | 283      | 361      | 304      | 16.60  | cps   |
| Bismuth    | 209-1 | 9100105  | 9041830  | 9049722  | 9063886  | 0.35   | cps   |
| Bismuth    | 209-2 | 2230680  | 2195775  | 2223376  | 2216610  | 0.83   | cps   |
| Boron      | 10-1  | 3692     | 3742     | 3701     | 3712     | 0.72   | cps   |
| Boron      | 11-1  | 18421    | 18312    | 17128    | 17954    | 4.00   | cps   |
| Cadmium    | 111-1 | 2510     | 2633     | 2695     | 2613     | 3.61   | cps   |
| Cadmium    | 106-1 | 2484     | 2650     | 2692     | 2609     | 4.23   | cps   |
| Cadmium    | 108-1 | 238      | 217      | 217      | 224      | 5.38   | cps   |
| Calcium    | 43-1  | 112270   | 111439   | 108844   | 110851   | 1.61   | cps   |
| Calcium    | 44-1  | 1910496  | 1889184  | 1866582  | 1888754  | 1.16   | cps   |
| Chromium   | 52-2  | 497      | 540      | 480      | 506      | 6.13   | cps   |
| Cobalt     | 59-2  | 1220     | 1187     | 1290     | 1232     | 4.28   | cps   |
| Copper     | 63-2  | 415945   | 418454   | 413454   | 415951   | 0.60   | cps   |
| Dysprosium | 156-1 | 142      | 108      | 33       | 94       | 58.75  | cps   |
| Dysprosium | 156-2 | 10       | 7        | 7        | 8        | 24.71  | cps   |
| Erbium     | 164-1 | 67       | 67       | 100      | 78       | 24.74  | cps   |
| Erbium     | 164-2 | 23       | 23       | 33       | 27       | 21.65  | cps   |
| Gadolinium | 160-1 | 167      | 108      | 108      | 128      | 26.36  | cps   |
| Gadolinium | 160-2 | 13       | 30       | 23       | 22       | 37.76  | cps   |
| Holmium    | 165-1 | 13561040 | 13518973 | 13488989 | 13523000 | 0.27   | cps   |
| Holmium    | 165-2 | 2679327  | 2629447  | 2631435  | 2646737  | 1.07   | cps   |
| Indium     | 115-1 | 10027678 | 10056357 | 10042387 | 10042141 | 0.14   | cps   |
| Indium     | 115-2 | 378555   | 377047   | 372966   | 376189   | 0.77   | cps   |
| Iron       | 56-2  | 37167    | 37016    | 36771    | 36985    | 0.54   | cps   |
| Iron       | 57-2  | 1000     | 967      | 895      | 954      | 5.66   | cps   |
| Krypton    | 83-1  | 383      | 310      | 313      | 336      | 12.34  | cps   |
| Lead       | 206-1 | 120735   | 120320   | 119932   | 120329   | 0.33   | cps   |
| Lead       | 207-1 | 99520    | 100545   | 99034    | 99699    | 0.77   | cps   |
| Lead       | 208-1 | 469233   | 467355   | 467927   | 468172   | 0.21   | cps   |
| Lithium    | 6-1   | 1717921  | 1708961  | 1682900  | 1703261  | 1.07   | cps   |
| Magnesium  | 24-2  | 34752    | 34317    | 34343    | 34471    | 0.71   | cps   |

LB Number : LB97237 Operator : Jaswal  
 Lab Sample ID : J4353-02 Instrumnet Name : P8  
 Client Sample ID : 96-2-BSMT-MUSIC-RM-5 Dilution Factor : 1  
 Date & Time Acquired :: 2018-08-10 13:51:48 DataFile Name : 032SMPL\_P8081018-MS

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|------------|-------|----------|----------|----------|----------|--------|-------|
| Manganese  | 55-2  | 7425     | 6842     | 7105     | 7124     | 4.10   | cps   |
| Molybdenum | 94-1  | 1742     | 1750     | 1492     | 1661     | 8.84   | cps   |
| Molybdenum | 95-1  | 2234     | 1800     | 1934     | 1989     | 11.16  | cps   |
| Molybdenum | 96-1  | 2550     | 2434     | 2367     | 2450     | 3.79   | cps   |
| Molybdenum | 97-1  | 1325     | 1142     | 1108     | 1192     | 9.79   | cps   |
| Molybdenum | 98-1  | 4176     | 3417     | 3276     | 3623     | 13.36  | cps   |
| Neodymium  | 150-1 | 87       | 73       | 60       | 73       | 18.18  | cps   |
| Neodymium  | 150-2 | 0        | 0        | 10       | 3        | 173.21 | cps   |
| Nickel     | 60-2  | 263789   | 264682   | 263860   | 264110   | 0.19   | cps   |
| Phosphorus | 31-2  | 75       | 142      | 133      | 117      | 31.14  | cps   |
| Potassium  | 39-2  | 10905    | 10763    | 10521    | 10730    | 1.81   | cps   |
| Rhodium    | 103-1 | 9272279  | 9216845  | 9140381  | 9209835  | 0.72   | cps   |
| Rhodium    | 103-2 | 2401032  | 2395865  | 2385219  | 2394039  | 0.34   | cps   |
| Scandium   | 45-1  | 5460655  | 5445193  | 5456413  | 5454087  | 0.15   | cps   |
| Scandium   | 45-2  | 38135    | 37945    | 38008    | 38029    | 0.26   | cps   |
| Selenium   | 77-2  | 0        | 0        | 0        | 0        | 0.00   | cps   |
| Selenium   | 78-2  | 0        | 6        | 2        | 2        | 114.63 | cps   |
| Selenium   | 82-1  | 57       | 73       | 9        | 46       | 71.91  | cps   |
| Silicon    | 28-1  | 3481268  | 3453623  | 3415699  | 3450197  | 0.95   | cps   |
| Silver     | 109-1 | 1759     | 2259     | 1825     | 1947     | 13.94  | cps   |
| Silver     | 107-1 | 2209     | 1884     | 2417     | 2170     | 12.39  | cps   |
| Sodium     | 23-2  | 655435   | 650555   | 650610   | 652200   | 0.43   | cps   |
| Strontium  | 86-1  | 49013    | 48847    | 48019    | 48626    | 1.10   | cps   |
| Strontium  | 88-1  | 421799   | 418115   | 414018   | 417978   | 0.93   | cps   |
| Sulfur     | 34-1  | 338047   | 337595   | 337539   | 337727   | 0.08   | cps   |
| Terbium    | 159-1 | 13804673 | 13741385 | 13703326 | 13749795 | 0.37   | cps   |
| Terbium    | 159-2 | 2504776  | 2484875  | 2488308  | 2492653  | 0.43   | cps   |
| Thallium   | 203-1 | 2925     | 2567     | 2600     | 2698     | 7.34   | cps   |
| Thallium   | 205-1 | 6419     | 6510     | 6269     | 6399     | 1.91   | cps   |
| Tin        | 118-1 | 5018     | 4718     | 4543     | 4759     | 5.05   | cps   |
| Titanium   | 47-1  | 558      | 442      | 550      | 517      | 12.60  | cps   |
| Uranium    | 238-1 | 667      | 517      | 517      | 567      | 15.28  | cps   |
| Vanadium   | 51-2  | 50       | 63       | 17       | 43       | 55.46  | cps   |
| Yttrium    | 89-1  | 10043142 | 10024991 | 9945987  | 10004707 | 0.52   | cps   |
| Yttrium    | 89-2  | 277307   | 273869   | 271640   | 274272   | 1.04   | cps   |
| Zinc       | 66-2  | 551386   | 544204   | 544850   | 546813   | 0.73   | cps   |

|                         |                      |                   |                     |
|-------------------------|----------------------|-------------------|---------------------|
| LB Number :             | LB97237              | Operator :        | Jaswal              |
| Lab Sample ID :         | J4353-02             | Instrumnet Name : | P8                  |
| Client Sample ID :      | 96-2-BSMT-MUSIC-RM-9 | Dilution Factor : | 1                   |
| Date & Time Acquired :: | 2018-08-10 13:51:48  | DataFile Name :   | 032SMPL_P8081018-MS |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|-----------|------|------|------|------|---------|--------|-------|
| Zirconium | 90-1 | 1575 | 1450 | 1483 | 1503    | 4.31   | cps   |
| Zirconium | 91-1 | 283  | 333  | 308  | 308     | 8.11   | cps   |

LB Number : LB97237 Operator : Jaswal  
 Lab Sample ID : J4353-03 Instrumnet Name : P8  
 Client Sample ID : 96-3-BSMT-NURSE-BR-1 Dilution Factor : 1  
 Date & Time Acquired :: 2018-08-10 13:55:08 DataFile Name : 033SMPL\_P8081018-MS

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|------------|-------|----------|----------|----------|----------|--------|-------|
| Aluminium  | 27-2  | 255      | 270      | 270      | 265      | 3.27   | cps   |
| Antimony   | 121-1 | 12089    | 12248    | 12248    | 12195    | 0.75   | cps   |
| Arsenic    | 75-2  | 37       | 35       | 37       | 36       | 2.93   | cps   |
| Barium     | 135-1 | 31848    | 30795    | 30795    | 31146    | 1.95   | cps   |
| Barium     | 137-1 | 53249    | 53399    | 54262    | 53637    | 1.02   | cps   |
| Beryllium  | 9-1   | 228      | 244      | 194      | 222      | 11.46  | cps   |
| Bismuth    | 209-1 | 9127247  | 9031136  | 9002759  | 9053714  | 0.72   | cps   |
| Bismuth    | 209-2 | 2193307  | 2214548  | 2184423  | 2197426  | 0.70   | cps   |
| Boron      | 10-1  | 3442     | 3059     | 2942     | 3148     | 8.31   | cps   |
| Boron      | 11-1  | 15284    | 14491    | 14458    | 14744    | 3.17   | cps   |
| Cadmium    | 111-1 | 1604     | 1848     | 1599     | 1684     | 8.44   | cps   |
| Cadmium    | 106-1 | 2092     | 2375     | 2142     | 2203     | 6.87   | cps   |
| Cadmium    | 108-1 | 50       | 33       | 54       | 46       | 24.06  | cps   |
| Calcium    | 43-1  | 105217   | 103152   | 102843   | 103737   | 1.24   | cps   |
| Calcium    | 44-1  | 1764094  | 1741628  | 1700574  | 1735432  | 1.86   | cps   |
| Chromium   | 52-2  | 400      | 440      | 513      | 451      | 12.74  | cps   |
| Cobalt     | 59-2  | 107      | 130      | 107      | 114      | 11.77  | cps   |
| Copper     | 63-2  | 292879   | 294206   | 290961   | 292682   | 0.56   | cps   |
| Dysprosium | 156-1 | 50       | 33       | 58       | 47       | 26.97  | cps   |
| Dysprosium | 156-2 | 13       | 10       | 20       | 14       | 35.26  | cps   |
| Erbium     | 164-1 | 75       | 75       | 92       | 81       | 11.95  | cps   |
| Erbium     | 164-2 | 7        | 10       | 10       | 9        | 21.63  | cps   |
| Gadolinium | 160-1 | 158      | 108      | 125      | 131      | 19.50  | cps   |
| Gadolinium | 160-2 | 20       | 20       | 30       | 23       | 24.74  | cps   |
| Holmium    | 165-1 | 13427758 | 13302173 | 13393937 | 13374623 | 0.49   | cps   |
| Holmium    | 165-2 | 2576749  | 2576028  | 2592130  | 2581636  | 0.35   | cps   |
| Indium     | 115-1 | 10064432 | 9754538  | 9965123  | 9928031  | 1.59   | cps   |
| Indium     | 115-2 | 368535   | 363718   | 365095   | 365783   | 0.68   | cps   |
| Iron       | 56-2  | 14586    | 14436    | 14508    | 14510    | 0.52   | cps   |
| Iron       | 57-2  | 333      | 411      | 350      | 365      | 11.23  | cps   |
| Krypton    | 83-1  | 313      | 260      | 313      | 296      | 10.42  | cps   |
| Lead       | 206-1 | 27675    | 28121    | 27319    | 27705    | 1.45   | cps   |
| Lead       | 207-1 | 24424    | 24084    | 23122    | 23877    | 2.83   | cps   |
| Lead       | 208-1 | 110511   | 110651   | 107379   | 109514   | 1.69   | cps   |
| Lithium    | 6-1   | 1686907  | 1679320  | 1675172  | 1680466  | 0.35   | cps   |
| Magnesium  | 24-2  | 31151    | 30692    | 29832    | 30559    | 2.19   | cps   |



|                         |                      |                   |                     |
|-------------------------|----------------------|-------------------|---------------------|
| LB Number :             | LB97237              | Operator :        | Jaswal              |
| Lab Sample ID :         | J4353-03             | Instrumnet Name : | P8                  |
| Client Sample ID :      | 96-3-BSMT-NURSE-BR-1 | Dilution Factor : | 1                   |
| Date & Time Acquired :: | 2018-08-10 13:55:08  | DataFile Name :   | 033SMPL_P8081018-MS |

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|------------|-------|----------|----------|----------|----------|--------|-------|
| Manganese  | 55-2  | 2587     | 2567     | 2530     | 2561     | 1.12   | cps   |
| Molybdenum | 94-1  | 1117     | 1083     | 1108     | 1103     | 1.57   | cps   |
| Molybdenum | 95-1  | 925      | 767      | 742      | 811      | 12.26  | cps   |
| Molybdenum | 96-1  | 1192     | 1183     | 1075     | 1150     | 5.66   | cps   |
| Molybdenum | 97-1  | 617      | 633      | 450      | 567      | 17.89  | cps   |
| Molybdenum | 98-1  | 1809     | 1775     | 1634     | 1739     | 5.34   | cps   |
| Neodymium  | 150-1 | 67       | 40       | 53       | 53       | 25.00  | cps   |
| Neodymium  | 150-2 | 7        | 3        | 10       | 7        | 50.03  | cps   |
| Nickel     | 60-2  | 1487     | 1487     | 1413     | 1462     | 2.90   | cps   |
| Phosphorus | 31-2  | 175      | 200      | 258      | 211      | 20.26  | cps   |
| Potassium  | 39-2  | 8470     | 8870     | 8603     | 8647     | 2.36   | cps   |
| Rhodium    | 103-1 | 9248898  | 8916743  | 9032358  | 9065999  | 1.86   | cps   |
| Rhodium    | 103-2 | 2322226  | 2306680  | 2341871  | 2323592  | 0.76   | cps   |
| Scandium   | 45-1  | 5403728  | 5294599  | 5375955  | 5358094  | 1.06   | cps   |
| Scandium   | 45-2  | 37002    | 35936    | 36541    | 36493    | 1.46   | cps   |
| Selenium   | 77-2  | 0        | 0        | 0        | 0        | 0.00   | cps   |
| Selenium   | 78-2  | 6        | 0        | 2        | 2        | 114.63 | cps   |
| Selenium   | 82-1  | 48       | 75       | 31       | 51       | 42.60  | cps   |
| Silicon    | 28-1  | 3301718  | 3308634  | 3297588  | 3302646  | 0.17   | cps   |
| Silver     | 109-1 | 1383     | 1500     | 1567     | 1483     | 6.26   | cps   |
| Silver     | 107-1 | 1450     | 1283     | 1550     | 1428     | 9.44   | cps   |
| Sodium     | 23-2  | 646714   | 642287   | 641413   | 643471   | 0.44   | cps   |
| Strontium  | 86-1  | 44223    | 44056    | 44214    | 44164    | 0.21   | cps   |
| Strontium  | 88-1  | 379860   | 380060   | 376915   | 378945   | 0.46   | cps   |
| Sulfur     | 34-1  | 336562   | 336563   | 335193   | 336106   | 0.24   | cps   |
| Terbium    | 159-1 | 13776686 | 13714284 | 13548986 | 13679985 | 0.86   | cps   |
| Terbium    | 159-2 | 2452081  | 2473369  | 2447623  | 2457691  | 0.56   | cps   |
| Thallium   | 203-1 | 1325     | 1258     | 1058     | 1214     | 11.43  | cps   |
| Thallium   | 205-1 | 2917     | 3226     | 2767     | 2970     | 7.87   | cps   |
| Tin        | 118-1 | 4543     | 4584     | 4534     | 4554     | 0.59   | cps   |
| Titanium   | 47-1  | 617      | 658      | 592      | 622      | 5.41   | cps   |
| Uranium    | 238-1 | 333      | 467      | 383      | 394      | 17.08  | cps   |
| Vanadium   | 51-2  | 33       | 53       | 40       | 42       | 24.12  | cps   |
| Yttrium    | 89-1  | 9943906  | 9779112  | 9830942  | 9851320  | 0.86   | cps   |
| Yttrium    | 89-2  | 269449   | 265561   | 265449   | 266820   | 0.85   | cps   |
| Zinc       | 66-2  | 83680    | 82996    | 83352    | 83343    | 0.41   | cps   |

|                         |                      |                   |                     |
|-------------------------|----------------------|-------------------|---------------------|
| LB Number :             | LB97237              | Operator :        | Jaswal              |
| Lab Sample ID :         | J4353-03             | Instrumnet Name : | P8                  |
| Client Sample ID :      | 96-3-BSMT-NURSE-BR-1 | Dilution Factor : | 1                   |
| Date & Time Acquired :: | 2018-08-10 13:55:08  | DataFile Name :   | 033SMPL_P8081018-MS |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|-----------|------|------|------|------|---------|--------|-------|
| Zirconium | 90-1 | 1517 | 1542 | 1333 | 1464    | 7.77   | cps   |
| Zirconium | 91-1 | 242  | 317  | 325  | 294     | 15.59  | cps   |

|                         |                     |                   |                     |
|-------------------------|---------------------|-------------------|---------------------|
| LB Number :             | LB97237             | Operator :        | Jaswal              |
| Lab Sample ID :         | J4353-04            | Instrumnet Name : | P8                  |
| Client Sample ID :      | 96-4-BSMT-LAB-W1-S1 | Dilution Factor : | 1                   |
| Date & Time Acquired :: | 2018-08-10 13:58:29 | DataFile Name :   | 034SMPL_P8081018-MS |

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|------------|-------|----------|----------|----------|----------|--------|-------|
| Aluminium  | 27-2  | 120      | 125      | 88       | 111      | 18.37  | cps   |
| Antimony   | 121-1 | 13207    | 12164    | 12957    | 12776    | 4.26   | cps   |
| Arsenic    | 75-2  | 28       | 17       | 41       | 28       | 42.42  | cps   |
| Barium     | 135-1 | 29918    | 29459    | 28607    | 29328    | 2.27   | cps   |
| Barium     | 137-1 | 50865    | 51510    | 50790    | 51055    | 0.77   | cps   |
| Beryllium  | 9-1   | 250      | 239      | 189      | 226      | 14.41  | cps   |
| Bismuth    | 209-1 | 8970276  | 8965220  | 8776200  | 8903898  | 1.24   | cps   |
| Bismuth    | 209-2 | 2145033  | 2158062  | 2130624  | 2144573  | 0.64   | cps   |
| Boron      | 10-1  | 2409     | 2009     | 1934     | 2117     | 12.07  | cps   |
| Boron      | 11-1  | 9887     | 9270     | 9462     | 9540     | 3.31   | cps   |
| Cadmium    | 111-1 | 1772     | 1631     | 1667     | 1690     | 4.32   | cps   |
| Cadmium    | 106-1 | 2175     | 2159     | 2092     | 2142     | 2.06   | cps   |
| Cadmium    | 108-1 | 67       | 54       | 38       | 53       | 27.73  | cps   |
| Calcium    | 43-1  | 99930    | 98585    | 97681    | 98732    | 1.15   | cps   |
| Calcium    | 44-1  | 1699622  | 1656925  | 1666636  | 1674394  | 1.34   | cps   |
| Chromium   | 52-2  | 520      | 453      | 500      | 491      | 6.97   | cps   |
| Cobalt     | 59-2  | 187      | 193      | 160      | 180      | 9.80   | cps   |
| Copper     | 63-2  | 199932   | 198586   | 197150   | 198556   | 0.70   | cps   |
| Dysprosium | 156-1 | 67       | 50       | 83       | 67       | 25.00  | cps   |
| Dysprosium | 156-2 | 3        | 7        | 7        | 6        | 34.70  | cps   |
| Erbium     | 164-1 | 100      | 75       | 42       | 72       | 40.52  | cps   |
| Erbium     | 164-2 | 10       | 10       | 7        | 9        | 21.63  | cps   |
| Gadolinium | 160-1 | 117      | 75       | 58       | 83       | 36.05  | cps   |
| Gadolinium | 160-2 | 13       | 10       | 20       | 14       | 35.26  | cps   |
| Holmium    | 165-1 | 13289551 | 13407000 | 13083528 | 13260026 | 1.23   | cps   |
| Holmium    | 165-2 | 2541879  | 2549668  | 2535104  | 2542217  | 0.29   | cps   |
| Indium     | 115-1 | 9820676  | 9865475  | 9635787  | 9773979  | 1.25   | cps   |
| Indium     | 115-2 | 357104   | 360781   | 362086   | 359990   | 0.72   | cps   |
| Iron       | 56-2  | 7725     | 7747     | 7508     | 7660     | 1.73   | cps   |
| Iron       | 57-2  | 167      | 244      | 217      | 209      | 18.84  | cps   |
| Krypton    | 83-1  | 317      | 283      | 403      | 334      | 18.52  | cps   |
| Lead       | 206-1 | 32236    | 32899    | 32481    | 32539    | 1.03   | cps   |
| Lead       | 207-1 | 27942    | 27007    | 27614    | 27521    | 1.72   | cps   |
| Lead       | 208-1 | 127396   | 128837   | 126736   | 127656   | 0.84   | cps   |
| Lithium    | 6-1   | 1665887  | 1670622  | 1633935  | 1656814  | 1.20   | cps   |
| Magnesium  | 24-2  | 30091    | 29431    | 29440    | 29654    | 1.28   | cps   |

LB Number : LB97237 Operator : Jaswal  
 Lab Sample ID : J4353-04 Instrumnet Name : P8  
 Client Sample ID : 96-4-BSMT-LAB-W1-S1 Dilution Factor : 1  
 Date & Time Acquired :: 2018-08-10 13:58:29 DataFile Name : 034SMPL\_P8081018-MS

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD   | Units |
|------------|-------|----------|----------|----------|----------|----------|-------|
| Manganese  | 55-2  | 1310     | 1437     | 1330     | 1359     | 5.01     | cps   |
| Molybdenum | 94-1  | 858      | 867      | 925      | 883      | 4.11     | cps   |
| Molybdenum | 95-1  | 692      | 608      | 633      | 644      | 6.64     | cps   |
| Molybdenum | 96-1  | 908      | 933      | 783      | 875      | 9.18     | cps   |
| Molybdenum | 97-1  | 433      | 367      | 533      | 444      | 18.87    | cps   |
| Molybdenum | 98-1  | 1300     | 1517     | 1408     | 1408     | 7.69     | cps   |
| Neodymium  | 150-1 | 27       | 40       | 53       | 40       | 33.33    | cps   |
| Neodymium  | 150-2 | 0        | 7        | 0        | 2        | 173.21   | cps   |
| Nickel     | 60-2  | 6532     | 6585     | 6395     | 6504     | 1.51     | cps   |
| Phosphorus | 31-2  | 150      | 108      | 150      | 136      | 17.67    | cps   |
| Potassium  | 39-2  | 8995     | 8861     | 8461     | 8773     | 3.17     | cps   |
| Rhodium    | 103-1 | 9019208  | 9038789  | 8817061  | 8958353  | 1.37     | cps   |
| Rhodium    | 103-2 | 2280702  | 2315140  | 2287897  | 2294580  | 0.79     | cps   |
| Scandium   | 45-1  | 5276564  | 5266631  | 5196360  | 5246518  | 0.83     | cps   |
| Scandium   | 45-2  | 35405    | 35846    | 34860    | 35370    | 1.40     | cps   |
| Selenium   | 77-2  | 0        | 0        | 3        | 1        | 173.21   | cps   |
| Selenium   | 78-2  | 4        | 0        | 0        | 1        | 173.21   | cps   |
| Selenium   | 82-1  | -4       | 64       | -76      | -6       | -1238.44 | cps   |
| Silicon    | 28-1  | 2984840  | 2969929  | 2925476  | 2960082  | 1.04     | cps   |
| Silver     | 109-1 | 1167     | 992      | 1092     | 1083     | 8.10     | cps   |
| Silver     | 107-1 | 1200     | 1142     | 1367     | 1236     | 9.45     | cps   |
| Sodium     | 23-2  | 639687   | 628852   | 635056   | 634532   | 0.86     | cps   |
| Strontium  | 86-1  | 42534    | 44381    | 40754    | 42556    | 4.26     | cps   |
| Strontium  | 88-1  | 371149   | 370765   | 361094   | 367670   | 1.55     | cps   |
| Sulfur     | 34-1  | 336626   | 334613   | 333017   | 334752   | 0.54     | cps   |
| Terbium    | 159-1 | 13576943 | 13590434 | 13350676 | 13506018 | 1.00     | cps   |
| Terbium    | 159-2 | 2410198  | 2449474  | 2424826  | 2428166  | 0.82     | cps   |
| Thallium   | 203-1 | 900      | 992      | 992      | 961      | 5.51     | cps   |
| Thallium   | 205-1 | 2184     | 2550     | 2525     | 2420     | 8.47     | cps   |
| Tin        | 118-1 | 4193     | 4109     | 3859     | 4054     | 4.28     | cps   |
| Titanium   | 47-1  | 425      | 400      | 333      | 386      | 12.27    | cps   |
| Uranium    | 238-1 | 442      | 500      | 458      | 467      | 6.44     | cps   |
| Vanadium   | 51-2  | 20       | 40       | 13       | 24       | 56.78    | cps   |
| Yttrium    | 89-1  | 9810468  | 9648017  | 9535247  | 9664577  | 1.43     | cps   |
| Yttrium    | 89-2  | 257271   | 263377   | 263526   | 261391   | 1.37     | cps   |
| Zinc       | 66-2  | 133279   | 133084   | 132206   | 132856   | 0.43     | cps   |

|                         |                     |                   |                     |
|-------------------------|---------------------|-------------------|---------------------|
| LB Number :             | LB97237             | Operator :        | Jaswal              |
| Lab Sample ID :         | J4353-04            | Instrumnet Name : | P8                  |
| Client Sample ID :      | 96-4-BSMT-LAB-W1-S1 | Dilution Factor : | 1                   |
| Date & Time Acquired :: | 2018-08-10 13:58:29 | DataFile Name :   | 034SMPL_P8081018-MS |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|-----------|------|------|------|------|---------|--------|-------|
| Zirconium | 90-1 | 1333 | 1300 | 1400 | 1345    | 3.79   | cps   |
| Zirconium | 91-1 | 225  | 283  | 225  | 244     | 13.78  | cps   |

LB Number : LB97237 Operator : Jaswal  
 Lab Sample ID : J4353-05 Instrumnet Name : P8  
 Client Sample ID : 96-5-BSMT-TEACHER-L Dilution Factor : 1  
 Date & Time Acquired :: 2018-08-10 14:01:50 DataFile Name : 035SMPL\_P8081018-MS

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|------------|-------|----------|----------|----------|----------|--------|-------|
| Aluminium  | 27-2  | 103      | 115      | 93       | 103      | 10.91  | cps   |
| Antimony   | 121-1 | 5735     | 5385     | 5501     | 5540     | 3.22   | cps   |
| Arsenic    | 75-2  | 52       | 20       | 20       | 31       | 58.89  | cps   |
| Barium     | 135-1 | 29509    | 30203    | 29475    | 29729    | 1.38   | cps   |
| Barium     | 137-1 | 50514    | 49452    | 50556    | 50174    | 1.25   | cps   |
| Beryllium  | 9-1   | 222      | 228      | 200      | 217      | 6.78   | cps   |
| Bismuth    | 209-1 | 8943351  | 9063333  | 8783726  | 8930137  | 1.57   | cps   |
| Bismuth    | 209-2 | 2182160  | 2160865  | 2190458  | 2177828  | 0.70   | cps   |
| Boron      | 10-1  | 1800     | 1892     | 1934     | 1875     | 3.64   | cps   |
| Boron      | 11-1  | 8603     | 8553     | 8136     | 8431     | 3.04   | cps   |
| Cadmium    | 111-1 | 1468     | 1607     | 1353     | 1476     | 8.61   | cps   |
| Cadmium    | 106-1 | 1959     | 2134     | 1850     | 1981     | 7.22   | cps   |
| Cadmium    | 108-1 | 46       | 58       | 54       | 53       | 12.07  | cps   |
| Calcium    | 43-1  | 98562    | 98184    | 95860    | 97535    | 1.50   | cps   |
| Calcium    | 44-1  | 1637813  | 1648687  | 1617337  | 1634612  | 0.97   | cps   |
| Chromium   | 52-2  | 393      | 403      | 387      | 394      | 2.13   | cps   |
| Cobalt     | 59-2  | 177      | 157      | 173      | 169      | 6.34   | cps   |
| Copper     | 63-2  | 204954   | 202316   | 202170   | 203147   | 0.77   | cps   |
| Dysprosium | 156-1 | 67       | 50       | 33       | 50       | 33.34  | cps   |
| Dysprosium | 156-2 | 17       | 7        | 20       | 14       | 48.02  | cps   |
| Erbium     | 164-1 | 42       | 67       | 75       | 61       | 28.38  | cps   |
| Erbium     | 164-2 | 7        | 20       | 13       | 13       | 49.99  | cps   |
| Gadolinium | 160-1 | 58       | 133      | 117      | 103      | 38.31  | cps   |
| Gadolinium | 160-2 | 23       | 27       | 17       | 22       | 22.91  | cps   |
| Holmium    | 165-1 | 13076695 | 13323577 | 12936860 | 13112378 | 1.49   | cps   |
| Holmium    | 165-2 | 2592305  | 2544310  | 2558183  | 2564933  | 0.96   | cps   |
| Indium     | 115-1 | 9647827  | 9735453  | 9548618  | 9643966  | 0.97   | cps   |
| Indium     | 115-2 | 361183   | 359212   | 358822   | 359739   | 0.35   | cps   |
| Iron       | 56-2  | 9542     | 8875     | 10195    | 9537     | 6.92   | cps   |
| Iron       | 57-2  | 211      | 178      | 261      | 217      | 19.36  | cps   |
| Krypton    | 83-1  | 293      | 300      | 337      | 310      | 7.53   | cps   |
| Lead       | 206-1 | 20539    | 21374    | 20767    | 20894    | 2.06   | cps   |
| Lead       | 207-1 | 17296    | 17318    | 17251    | 17288    | 0.20   | cps   |
| Lead       | 208-1 | 81410    | 81799    | 81065    | 81425    | 0.45   | cps   |
| Lithium    | 6-1   | 1677801  | 1670979  | 1637240  | 1662007  | 1.31   | cps   |
| Magnesium  | 24-2  | 28855    | 27569    | 27828    | 28084    | 2.42   | cps   |

|                         |                     |                   |                     |
|-------------------------|---------------------|-------------------|---------------------|
| LB Number :             | LB97237             | Operator :        | Jaswal              |
| Lab Sample ID :         | J4353-05            | Instrumnet Name : | P8                  |
| Client Sample ID :      | 96-5-BSMT-TEACHER-L | Dilution Factor : | 1                   |
| Date & Time Acquired :: | 2018-08-10 14:01:50 | DataFile Name :   | 035SMPL_P8081018-MS |

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|------------|-------|----------|----------|----------|----------|--------|-------|
| Manganese  | 55-2  | 1563     | 1673     | 1493     | 1577     | 5.76   | cps   |
| Molybdenum | 94-1  | 675      | 808      | 850      | 778      | 11.75  | cps   |
| Molybdenum | 95-1  | 508      | 508      | 483      | 500      | 2.89   | cps   |
| Molybdenum | 96-1  | 775      | 833      | 808      | 806      | 3.63   | cps   |
| Molybdenum | 97-1  | 317      | 333      | 342      | 331      | 3.85   | cps   |
| Molybdenum | 98-1  | 1058     | 1258     | 1100     | 1139     | 9.27   | cps   |
| Neodymium  | 150-1 | 33       | 20       | 60       | 38       | 53.92  | cps   |
| Neodymium  | 150-2 | 0        | 3        | 7        | 3        | 100.05 | cps   |
| Nickel     | 60-2  | 57281    | 57247    | 56625    | 57051    | 0.65   | cps   |
| Phosphorus | 31-2  | 142      | 83       | 125      | 117      | 25.75  | cps   |
| Potassium  | 39-2  | 8161     | 8028     | 8561     | 8250     | 3.37   | cps   |
| Rhodium    | 103-1 | 8999710  | 9040124  | 8818746  | 8952860  | 1.32   | cps   |
| Rhodium    | 103-2 | 2304892  | 2297746  | 2305053  | 2302563  | 0.18   | cps   |
| Scandium   | 45-1  | 5201085  | 5296615  | 5099467  | 5199055  | 1.90   | cps   |
| Scandium   | 45-2  | 35772    | 35288    | 35535    | 35532    | 0.68   | cps   |
| Selenium   | 77-2  | 0        | 0        | 0        | 0        | 0.00   | cps   |
| Selenium   | 78-2  | 2        | 0        | 2        | 1        | 86.60  | cps   |
| Selenium   | 82-1  | 51       | 59       | -1       | 37       | 89.37  | cps   |
| Silicon    | 28-1  | 3140929  | 3123103  | 3077863  | 3113965  | 1.04   | cps   |
| Silver     | 109-1 | 1083     | 867      | 1125     | 1025     | 13.53  | cps   |
| Silver     | 107-1 | 1125     | 958      | 1192     | 1092     | 11.01  | cps   |
| Sodium     | 23-2  | 620002   | 615853   | 618910   | 618255   | 0.35   | cps   |
| Strontium  | 86-1  | 41547    | 41305    | 40611    | 41155    | 1.18   | cps   |
| Strontium  | 88-1  | 359575   | 358069   | 350532   | 356058   | 1.36   | cps   |
| Sulfur     | 34-1  | 336011   | 332136   | 329584   | 332577   | 0.97   | cps   |
| Terbium    | 159-1 | 13300484 | 13637847 | 13174004 | 13370779 | 1.79   | cps   |
| Terbium    | 159-2 | 2464586  | 2421876  | 2432360  | 2439607  | 0.91   | cps   |
| Thallium   | 203-1 | 742      | 908      | 742      | 797      | 12.07  | cps   |
| Thallium   | 205-1 | 1734     | 1884     | 1567     | 1728     | 9.17   | cps   |
| Tin        | 118-1 | 2600     | 2834     | 2775     | 2737     | 4.44   | cps   |
| Titanium   | 47-1  | 250      | 408      | 442      | 367      | 27.93  | cps   |
| Uranium    | 238-1 | 442      | 525      | 375      | 447      | 16.81  | cps   |
| Vanadium   | 51-2  | 37       | 17       | 30       | 28       | 36.66  | cps   |
| Yttrium    | 89-1  | 9662218  | 9715442  | 9506863  | 9628174  | 1.13   | cps   |
| Yttrium    | 89-2  | 262859   | 259312   | 259106   | 260426   | 0.81   | cps   |
| Zinc       | 66-2  | 115385   | 112878   | 114773   | 114345   | 1.14   | cps   |

|                         |                     |                   |                     |
|-------------------------|---------------------|-------------------|---------------------|
| LB Number :             | LB97237             | Operator :        | Jaswal              |
| Lab Sample ID :         | J4353-05            | Instrumnet Name : | P8                  |
| Client Sample ID :      | 96-5-BSMT-TEACHER-L | Dilution Factor : | 1                   |
| Date & Time Acquired :: | 2018-08-10 14:01:50 | DataFile Name :   | 035SMPL_P8081018-MS |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|-----------|------|------|------|------|---------|--------|-------|
| Zirconium | 90-1 | 1267 | 1408 | 1258 | 1311    | 6.43   | cps   |
| Zirconium | 91-1 | 325  | 283  | 358  | 322     | 11.66  | cps   |



|                         |                     |                   |                     |
|-------------------------|---------------------|-------------------|---------------------|
| LB Number :             | LB97237             | Operator :        | Jaswal              |
| Lab Sample ID :         | J4353-06            | Instrumnet Name : | P8                  |
| Client Sample ID :      | 96-6-BSMT-TEACHER-L | Dilution Factor : | 1                   |
| Date & Time Acquired :: | 2018-08-10 14:05:10 | DataFile Name :   | 036SMPL_P8081018-MS |

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|------------|-------|----------|----------|----------|----------|--------|-------|
| Aluminium  | 27-2  | 95       | 118      | 108      | 107      | 10.57  | cps   |
| Antimony   | 121-1 | 3551     | 3809     | 3767     | 3709     | 3.74   | cps   |
| Arsenic    | 75-2  | 24       | 31       | 37       | 31       | 21.08  | cps   |
| Barium     | 135-1 | 34505    | 32482    | 33226    | 33404    | 3.06   | cps   |
| Barium     | 137-1 | 56605    | 58020    | 58957    | 57861    | 2.05   | cps   |
| Beryllium  | 9-1   | 144      | 178      | 228      | 183      | 22.88  | cps   |
| Bismuth    | 209-1 | 8759260  | 9048864  | 9179255  | 8995793  | 2.39   | cps   |
| Bismuth    | 209-2 | 2215771  | 2187856  | 2168660  | 2190762  | 1.08   | cps   |
| Boron      | 10-1  | 1725     | 1950     | 1650     | 1775     | 8.80   | cps   |
| Boron      | 11-1  | 8361     | 7961     | 8044     | 8122     | 2.60   | cps   |
| Cadmium    | 111-1 | 1834     | 1825     | 1864     | 1841     | 1.12   | cps   |
| Cadmium    | 106-1 | 1942     | 1850     | 2075     | 1956     | 5.79   | cps   |
| Cadmium    | 108-1 | 67       | 71       | 79       | 72       | 8.81   | cps   |
| Calcium    | 43-1  | 102489   | 101910   | 102044   | 102148   | 0.30   | cps   |
| Calcium    | 44-1  | 1742202  | 1768718  | 1728783  | 1746568  | 1.16   | cps   |
| Chromium   | 52-2  | 553      | 607      | 560      | 573      | 5.07   | cps   |
| Cobalt     | 59-2  | 120      | 163      | 183      | 156      | 20.81  | cps   |
| Copper     | 63-2  | 157602   | 155889   | 155761   | 156417   | 0.66   | cps   |
| Dysprosium | 156-1 | 50       | 42       | 50       | 47       | 10.18  | cps   |
| Dysprosium | 156-2 | 10       | 13       | 7        | 10       | 33.30  | cps   |
| Erbium     | 164-1 | 50       | 42       | 50       | 47       | 10.18  | cps   |
| Erbium     | 164-2 | 17       | 13       | 17       | 16       | 12.40  | cps   |
| Gadolinium | 160-1 | 133      | 75       | 100      | 103      | 28.48  | cps   |
| Gadolinium | 160-2 | 10       | 13       | 10       | 11       | 17.30  | cps   |
| Holmium    | 165-1 | 13012145 | 13376045 | 13421798 | 13269996 | 1.69   | cps   |
| Holmium    | 165-2 | 2602759  | 2585914  | 2561379  | 2583351  | 0.81   | cps   |
| Indium     | 115-1 | 9478963  | 9818866  | 9873970  | 9723933  | 2.20   | cps   |
| Indium     | 115-2 | 362635   | 361673   | 359216   | 361175   | 0.49   | cps   |
| Iron       | 56-2  | 10032    | 9854     | 9954     | 9946     | 0.90   | cps   |
| Iron       | 57-2  | 272      | 256      | 250      | 259      | 4.46   | cps   |
| Krypton    | 83-1  | 340      | 267      | 313      | 307      | 12.10  | cps   |
| Lead       | 206-1 | 31835    | 31011    | 31852    | 31566    | 1.52   | cps   |
| Lead       | 207-1 | 27608    | 26478    | 27107    | 27065    | 2.09   | cps   |
| Lead       | 208-1 | 126185   | 124851   | 125114   | 125383   | 0.56   | cps   |
| Lithium    | 6-1   | 1627445  | 1682255  | 1671796  | 1660499  | 1.75   | cps   |
| Magnesium  | 24-2  | 29932    | 29882    | 28696    | 29504    | 2.37   | cps   |

|                         |                     |                   |                     |
|-------------------------|---------------------|-------------------|---------------------|
| LB Number :             | LB97237             | Operator :        | Jaswal              |
| Lab Sample ID :         | J4353-06            | Instrumnet Name : | P8                  |
| Client Sample ID :      | 96-6-BSMT-TEACHER-L | Dilution Factor : | 1                   |
| Date & Time Acquired :: | 2018-08-10 14:05:10 | DataFile Name :   | 036SMPL_P8081018-MS |

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|------------|-------|----------|----------|----------|----------|--------|-------|
| Manganese  | 55-2  | 1954     | 1947     | 2224     | 2041     | 7.73   | cps   |
| Molybdenum | 94-1  | 725      | 625      | 783      | 711      | 11.26  | cps   |
| Molybdenum | 95-1  | 358      | 417      | 500      | 425      | 16.75  | cps   |
| Molybdenum | 96-1  | 617      | 617      | 533      | 589      | 8.17   | cps   |
| Molybdenum | 97-1  | 283      | 333      | 233      | 283      | 17.65  | cps   |
| Molybdenum | 98-1  | 1117     | 1042     | 967      | 1042     | 7.20   | cps   |
| Neodymium  | 150-1 | 33       | 20       | 53       | 36       | 47.19  | cps   |
| Neodymium  | 150-2 | 0        | 7        | 7        | 4        | 86.60  | cps   |
| Nickel     | 60-2  | 7792     | 7452     | 7602     | 7616     | 2.24   | cps   |
| Phosphorus | 31-2  | 158      | 142      | 167      | 156      | 8.19   | cps   |
| Potassium  | 39-2  | 8311     | 8586     | 7936     | 8278     | 3.94   | cps   |
| Rhodium    | 103-1 | 8820760  | 8992909  | 9034515  | 8949394  | 1.27   | cps   |
| Rhodium    | 103-2 | 2328202  | 2298303  | 2314638  | 2313715  | 0.65   | cps   |
| Scandium   | 45-1  | 5030355  | 5171999  | 5253837  | 5152064  | 2.19   | cps   |
| Scandium   | 45-2  | 36594    | 35672    | 34907    | 35724    | 2.37   | cps   |
| Selenium   | 77-2  | 0        | 0        | 3        | 1        | 173.21 | cps   |
| Selenium   | 78-2  | 0        | 4        | 4        | 2        | 86.60  | cps   |
| Selenium   | 82-1  | 18       | 90       | -24      | 28       | 207.62 | cps   |
| Silicon    | 28-1  | 3134691  | 3078229  | 3105514  | 3106145  | 0.91   | cps   |
| Silver     | 109-1 | 958      | 892      | 917      | 922      | 3.65   | cps   |
| Silver     | 107-1 | 1000     | 967      | 1067     | 1011     | 5.04   | cps   |
| Sodium     | 23-2  | 628873   | 631828   | 629130   | 629944   | 0.26   | cps   |
| Strontium  | 86-1  | 43930    | 44632    | 43771    | 44111    | 1.04   | cps   |
| Strontium  | 88-1  | 387135   | 382881   | 379015   | 383010   | 1.06   | cps   |
| Sulfur     | 34-1  | 332283   | 331652   | 331884   | 331940   | 0.10   | cps   |
| Terbium    | 159-1 | 13257754 | 13694411 | 13723788 | 13558651 | 1.92   | cps   |
| Terbium    | 159-2 | 2442370  | 2447763  | 2416785  | 2435639  | 0.68   | cps   |
| Thallium   | 203-1 | 758      | 750      | 758      | 756      | 0.64   | cps   |
| Thallium   | 205-1 | 1675     | 1692     | 1792     | 1720     | 3.67   | cps   |
| Tin        | 118-1 | 3076     | 2959     | 2900     | 2978     | 2.99   | cps   |
| Titanium   | 47-1  | 425      | 542      | 525      | 497      | 12.69  | cps   |
| Uranium    | 238-1 | 742      | 742      | 583      | 689      | 13.27  | cps   |
| Vanadium   | 51-2  | 30       | 37       | 23       | 30       | 22.23  | cps   |
| Yttrium    | 89-1  | 9421441  | 9732025  | 9861214  | 9671560  | 2.34   | cps   |
| Yttrium    | 89-2  | 263043   | 260912   | 260379   | 261445   | 0.54   | cps   |
| Zinc       | 66-2  | 165743   | 164232   | 162991   | 164322   | 0.84   | cps   |

|                         |                     |                   |                     |
|-------------------------|---------------------|-------------------|---------------------|
| LB Number :             | LB97237             | Operator :        | Jaswal              |
| Lab Sample ID :         | J4353-06            | Instrumnet Name : | P8                  |
| Client Sample ID :      | 96-6-BSMT-TEACHER-L | Dilution Factor : | 1                   |
| Date & Time Acquired :: | 2018-08-10 14:05:10 | DataFile Name :   | 036SMPL_P8081018-MS |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|-----------|------|------|------|------|---------|--------|-------|
| Zirconium | 90-1 | 1242 | 1350 | 1333 | 1308    | 4.46   | cps   |
| Zirconium | 91-1 | 317  | 233  | 292  | 281     | 15.24  | cps   |

|                         |                      |                   |                     |
|-------------------------|----------------------|-------------------|---------------------|
| LB Number :             | LB97237              | Operator :        | Jaswal              |
| Lab Sample ID :         | J4353-07             | Instrumnet Name : | P8                  |
| Client Sample ID :      | 96-7-FL1-LOBBY-BR-W2 | Dilution Factor : | 1                   |
| Date & Time Acquired :: | 2018-08-10 14:08:31  | DataFile Name :   | 037SMPL_P8081018-MS |

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|------------|-------|----------|----------|----------|----------|--------|-------|
| Aluminium  | 27-2  | 98       | 53       | 83       | 78       | 29.57  | cps   |
| Antimony   | 121-1 | 3909     | 4093     | 3892     | 3965     | 2.80   | cps   |
| Arsenic    | 75-2  | 35       | 39       | 22       | 32       | 27.27  | cps   |
| Barium     | 135-1 | 34120    | 32767    | 33393    | 33427    | 2.03   | cps   |
| Barium     | 137-1 | 59241    | 58480    | 58631    | 58784    | 0.69   | cps   |
| Beryllium  | 9-1   | 222      | 144      | 178      | 181      | 21.50  | cps   |
| Bismuth    | 209-1 | 9192717  | 9283189  | 9107117  | 9194341  | 0.96   | cps   |
| Bismuth    | 209-2 | 2208952  | 2158718  | 2198250  | 2188640  | 1.21   | cps   |
| Boron      | 10-1  | 1567     | 1650     | 1634     | 1617     | 2.73   | cps   |
| Boron      | 11-1  | 7394     | 7452     | 7235     | 7361     | 1.52   | cps   |
| Cadmium    | 111-1 | 1403     | 1430     | 1303     | 1378     | 4.84   | cps   |
| Cadmium    | 106-1 | 1884     | 1975     | 1809     | 1889     | 4.42   | cps   |
| Cadmium    | 108-1 | 17       | 4        | 13       | 11       | 57.27  | cps   |
| Calcium    | 43-1  | 105872   | 103438   | 103169   | 104159   | 1.43   | cps   |
| Calcium    | 44-1  | 1754261  | 1722471  | 1728504  | 1735079  | 0.97   | cps   |
| Chromium   | 52-2  | 503      | 537      | 457      | 499      | 8.06   | cps   |
| Cobalt     | 59-2  | 87       | 73       | 90       | 83       | 10.58  | cps   |
| Copper     | 63-2  | 189377   | 188799   | 188658   | 188945   | 0.20   | cps   |
| Dysprosium | 156-1 | 42       | 50       | 33       | 42       | 20.00  | cps   |
| Dysprosium | 156-2 | 10       | 7        | 10       | 9        | 21.63  | cps   |
| Erbium     | 164-1 | 42       | 67       | 117      | 75       | 50.92  | cps   |
| Erbium     | 164-2 | 10       | 17       | 17       | 14       | 26.66  | cps   |
| Gadolinium | 160-1 | 142      | 142      | 142      | 142      | 0.00   | cps   |
| Gadolinium | 160-2 | 10       | 10       | 7        | 9        | 21.63  | cps   |
| Holmium    | 165-1 | 13582995 | 13448614 | 13349984 | 13460531 | 0.87   | cps   |
| Holmium    | 165-2 | 2584352  | 2547221  | 2601798  | 2577790  | 1.08   | cps   |
| Indium     | 115-1 | 9944934  | 9882082  | 9751478  | 9859498  | 1.00   | cps   |
| Indium     | 115-2 | 363973   | 357346   | 360790   | 360703   | 0.92   | cps   |
| Iron       | 56-2  | 9687     | 9498     | 9342     | 9509     | 1.82   | cps   |
| Iron       | 57-2  | 228      | 239      | 228      | 231      | 2.77   | cps   |
| Krypton    | 83-1  | 297      | 357      | 300      | 318      | 10.61  | cps   |
| Lead       | 206-1 | 14570    | 14815    | 14548    | 14644    | 1.01   | cps   |
| Lead       | 207-1 | 12506    | 12596    | 13096    | 12733    | 2.50   | cps   |
| Lead       | 208-1 | 58588    | 57825    | 57685    | 58033    | 0.84   | cps   |
| Lithium    | 6-1   | 1679409  | 1680768  | 1677431  | 1679203  | 0.10   | cps   |
| Magnesium  | 24-2  | 30058    | 29824    | 30166    | 30016    | 0.58   | cps   |

|                         |                      |                   |                     |
|-------------------------|----------------------|-------------------|---------------------|
| LB Number :             | LB97237              | Operator :        | Jaswal              |
| Lab Sample ID :         | J4353-07             | Instrumnet Name : | P8                  |
| Client Sample ID :      | 96-7-FL1-LOBBY-BR-W2 | Dilution Factor : | 1                   |
| Date & Time Acquired :: | 2018-08-10 14:08:31  | DataFile Name :   | 037SMPL_P8081018-MS |

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|------------|-------|----------|----------|----------|----------|--------|-------|
| Manganese  | 55-2  | 1440     | 1563     | 1390     | 1465     | 6.09   | cps   |
| Molybdenum | 94-1  | 683      | 642      | 717      | 681      | 5.52   | cps   |
| Molybdenum | 95-1  | 333      | 342      | 467      | 381      | 19.63  | cps   |
| Molybdenum | 96-1  | 508      | 508      | 467      | 494      | 4.87   | cps   |
| Molybdenum | 97-1  | 242      | 317      | 208      | 256      | 21.71  | cps   |
| Molybdenum | 98-1  | 850      | 875      | 892      | 872      | 2.40   | cps   |
| Neodymium  | 150-1 | 13       | 33       | 33       | 27       | 43.31  | cps   |
| Neodymium  | 150-2 | 3        | 3        | 0        | 2        | 86.60  | cps   |
| Nickel     | 60-2  | 1557     | 1567     | 1533     | 1552     | 1.10   | cps   |
| Phosphorus | 31-2  | 225      | 158      | 208      | 197      | 17.59  | cps   |
| Potassium  | 39-2  | 9720     | 9846     | 9437     | 9668     | 2.17   | cps   |
| Rhodium    | 103-1 | 9134659  | 9079707  | 8979533  | 9064633  | 0.87   | cps   |
| Rhodium    | 103-2 | 2291234  | 2271123  | 2330463  | 2297607  | 1.31   | cps   |
| Scandium   | 45-1  | 5258791  | 5284032  | 5240899  | 5261240  | 0.41   | cps   |
| Scandium   | 45-2  | 35081    | 34492    | 35719    | 35097    | 1.75   | cps   |
| Selenium   | 77-2  | 0        | 0        | 0        | 0        | 0.00   | cps   |
| Selenium   | 78-2  | 4        | 4        | 0        | 2        | 86.60  | cps   |
| Selenium   | 82-1  | 82       | -18      | 51       | 38       | 134.89 | cps   |
| Silicon    | 28-1  | 3095899  | 3188949  | 3059847  | 3114898  | 2.14   | cps   |
| Silver     | 109-1 | 825      | 900      | 1058     | 928      | 12.84  | cps   |
| Silver     | 107-1 | 1133     | 1158     | 992      | 1095     | 8.21   | cps   |
| Sodium     | 23-2  | 632152   | 623921   | 624261   | 626778   | 0.74   | cps   |
| Strontium  | 86-1  | 45293    | 44607    | 44407    | 44769    | 1.04   | cps   |
| Strontium  | 88-1  | 383958   | 384148   | 384001   | 384035   | 0.03   | cps   |
| Sulfur     | 34-1  | 331636   | 333033   | 334414   | 333028   | 0.42   | cps   |
| Terbium    | 159-1 | 13898846 | 13794304 | 13702343 | 13798498 | 0.71   | cps   |
| Terbium    | 159-2 | 2471969  | 2441843  | 2439223  | 2451012  | 0.74   | cps   |
| Thallium   | 203-1 | 625      | 525      | 525      | 558      | 10.34  | cps   |
| Thallium   | 205-1 | 1325     | 1325     | 1250     | 1300     | 3.33   | cps   |
| Tin        | 118-1 | 2834     | 2592     | 2692     | 2706     | 4.49   | cps   |
| Titanium   | 47-1  | 425      | 383      | 417      | 408      | 5.40   | cps   |
| Uranium    | 238-1 | 358      | 325      | 367      | 350      | 6.30   | cps   |
| Vanadium   | 51-2  | 27       | 27       | 23       | 26       | 7.55   | cps   |
| Yttrium    | 89-1  | 9864622  | 9795056  | 9741377  | 9800351  | 0.63   | cps   |
| Yttrium    | 89-2  | 261102   | 260160   | 261446   | 260903   | 0.26   | cps   |
| Zinc       | 66-2  | 18042    | 17898    | 17982    | 17974    | 0.40   | cps   |

|                         |                      |                   |                     |
|-------------------------|----------------------|-------------------|---------------------|
| LB Number :             | LB97237              | Operator :        | Jaswal              |
| Lab Sample ID :         | J4353-07             | Instrumnet Name : | P8                  |
| Client Sample ID :      | 96-7-FL1-LOBBY-BR-W2 | Dilution Factor : | 1                   |
| Date & Time Acquired :: | 2018-08-10 14:08:31  | DataFile Name :   | 037SMPL_P8081018-MS |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|-----------|------|------|------|------|---------|--------|-------|
| Zirconium | 90-1 | 1350 | 1442 | 1350 | 1381    | 3.83   | cps   |
| Zirconium | 91-1 | 317  | 300  | 283  | 300     | 5.55   | cps   |

|                         |                      |                   |                     |
|-------------------------|----------------------|-------------------|---------------------|
| LB Number :             | LB97237              | Operator :        | Jaswal              |
| Lab Sample ID :         | J4353-08             | Instrumnet Name : | P8                  |
| Client Sample ID :      | 96-8-FL1-MP-RM-BR-W3 | Dilution Factor : | 1                   |
| Date & Time Acquired :: | 2018-08-10 14:11:51  | DataFile Name :   | 038SMPL_P8081018-MS |

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|------------|-------|----------|----------|----------|----------|--------|-------|
| Aluminium  | 27-2  | 95       | 110      | 75       | 93       | 18.81  | cps   |
| Antimony   | 121-1 | 4576     | 4709     | 4976     | 4754     | 4.29   | cps   |
| Arsenic    | 75-2  | 31       | 33       | 17       | 27       | 33.62  | cps   |
| Barium     | 135-1 | 32892    | 32600    | 33577    | 33023    | 1.52   | cps   |
| Barium     | 137-1 | 56831    | 58070    | 57008    | 57303    | 1.17   | cps   |
| Beryllium  | 9-1   | 200      | 128      | 133      | 154      | 26.15  | cps   |
| Bismuth    | 209-1 | 9301135  | 9026858  | 9353028  | 9227007  | 1.90   | cps   |
| Bismuth    | 209-2 | 2261725  | 2247393  | 2320520  | 2276546  | 1.70   | cps   |
| Boron      | 10-1  | 1550     | 1542     | 1558     | 1550     | 0.54   | cps   |
| Boron      | 11-1  | 6769     | 7469     | 7261     | 7166     | 5.02   | cps   |
| Cadmium    | 111-1 | 1799     | 1568     | 1826     | 1731     | 8.21   | cps   |
| Cadmium    | 106-1 | 2150     | 1925     | 2292     | 2123     | 8.71   | cps   |
| Cadmium    | 108-1 | 33       | 25       | 46       | 35       | 30.20  | cps   |
| Calcium    | 43-1  | 103723   | 102639   | 102489   | 102950   | 0.65   | cps   |
| Calcium    | 44-1  | 1739405  | 1710958  | 1711570  | 1720645  | 0.94   | cps   |
| Chromium   | 52-2  | 387      | 423      | 400      | 403      | 4.60   | cps   |
| Cobalt     | 59-2  | 43       | 63       | 100      | 69       | 41.72  | cps   |
| Copper     | 63-2  | 101265   | 100829   | 100003   | 100699   | 0.64   | cps   |
| Dysprosium | 156-1 | 83       | 75       | 75       | 78       | 6.19   | cps   |
| Dysprosium | 156-2 | 17       | 10       | 20       | 16       | 32.73  | cps   |
| Erbium     | 164-1 | 83       | 50       | 75       | 69       | 24.98  | cps   |
| Erbium     | 164-2 | 13       | 10       | 3        | 9        | 57.30  | cps   |
| Gadolinium | 160-1 | 100      | 125      | 100      | 108      | 13.33  | cps   |
| Gadolinium | 160-2 | 27       | 27       | 13       | 22       | 34.66  | cps   |
| Holmium    | 165-1 | 13741864 | 13397429 | 13706835 | 13615376 | 1.39   | cps   |
| Holmium    | 165-2 | 2629382  | 2651536  | 2686341  | 2655753  | 1.08   | cps   |
| Indium     | 115-1 | 10064164 | 9737638  | 9991082  | 9930961  | 1.73   | cps   |
| Indium     | 115-2 | 370701   | 368047   | 370828   | 369859   | 0.42   | cps   |
| Iron       | 56-2  | 10766    | 11516    | 11488    | 11257    | 3.78   | cps   |
| Iron       | 57-2  | 317      | 239      | 322      | 293      | 15.92  | cps   |
| Krypton    | 83-1  | 267      | 327      | 300      | 298      | 10.10  | cps   |
| Lead       | 206-1 | 37940    | 37512    | 36849    | 37433    | 1.47   | cps   |
| Lead       | 207-1 | 32175    | 31707    | 31607    | 31829    | 0.95   | cps   |
| Lead       | 208-1 | 148250   | 146318   | 146299   | 146956   | 0.76   | cps   |
| Lithium    | 6-1   | 1689632  | 1689083  | 1718840  | 1699185  | 1.00   | cps   |
| Magnesium  | 24-2  | 28972    | 30124    | 29456    | 29518    | 1.96   | cps   |

LB Number : LB97237 Operator : Jaswal  
 Lab Sample ID : J4353-08 Instrumnet Name : P8  
 Client Sample ID : 96-8-FL1-MP-RM-BR-W3 Dilution Factor : 1  
 Date & Time Acquired :: 2018-08-10 14:11:51 DataFile Name : 038SMPL\_P8081018-MS

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|------------|-------|----------|----------|----------|----------|--------|-------|
| Manganese  | 55-2  | 2547     | 2580     | 2394     | 2507     | 3.97   | cps   |
| Molybdenum | 94-1  | 833      | 733      | 633      | 733      | 13.64  | cps   |
| Molybdenum | 95-1  | 325      | 275      | 283      | 294      | 9.10   | cps   |
| Molybdenum | 96-1  | 317      | 517      | 458      | 431      | 23.89  | cps   |
| Molybdenum | 97-1  | 325      | 267      | 308      | 300      | 10.02  | cps   |
| Molybdenum | 98-1  | 858      | 800      | 717      | 792      | 8.99   | cps   |
| Neodymium  | 150-1 | 53       | 33       | 113      | 67       | 62.45  | cps   |
| Neodymium  | 150-2 | 3        | 7        | 3        | 4        | 43.40  | cps   |
| Nickel     | 60-2  | 420      | 383      | 397      | 400      | 4.64   | cps   |
| Phosphorus | 31-2  | 167      | 217      | 192      | 192      | 13.04  | cps   |
| Potassium  | 39-2  | 7727     | 7936     | 7502     | 7722     | 2.81   | cps   |
| Rhodium    | 103-1 | 9195630  | 8963743  | 9178495  | 9112623  | 1.42   | cps   |
| Rhodium    | 103-2 | 2358206  | 2361950  | 2372356  | 2364171  | 0.31   | cps   |
| Scandium   | 45-1  | 5268130  | 5199747  | 5253160  | 5240346  | 0.69   | cps   |
| Scandium   | 45-2  | 35375    | 36060    | 37407    | 36280    | 2.85   | cps   |
| Selenium   | 77-2  | 0        | 0        | 3        | 1        | 173.21 | cps   |
| Selenium   | 78-2  | 0        | 2        | 2        | 1        | 86.60  | cps   |
| Selenium   | 82-1  | 41       | -33      | 10       | 6        | 624.22 | cps   |
| Silicon    | 28-1  | 3054022  | 3012152  | 3012355  | 3026177  | 0.80   | cps   |
| Silver     | 109-1 | 675      | 900      | 642      | 739      | 19.02  | cps   |
| Silver     | 107-1 | 917      | 742      | 908      | 856      | 11.54  | cps   |
| Sodium     | 23-2  | 625064   | 617412   | 616698   | 619725   | 0.75   | cps   |
| Strontium  | 86-1  | 44901    | 44197    | 43796    | 44298    | 1.26   | cps   |
| Strontium  | 88-1  | 384989   | 378004   | 377103   | 380032   | 1.14   | cps   |
| Sulfur     | 34-1  | 337108   | 338291   | 340078   | 338493   | 0.44   | cps   |
| Terbium    | 159-1 | 14104758 | 13518882 | 14003443 | 13875694 | 2.26   | cps   |
| Terbium    | 159-2 | 2529037  | 2495111  | 2537820  | 2520656  | 0.89   | cps   |
| Thallium   | 203-1 | 450      | 500      | 475      | 475      | 5.26   | cps   |
| Thallium   | 205-1 | 1108     | 917      | 1142     | 1056     | 11.50  | cps   |
| Tin        | 118-1 | 2042     | 1817     | 2084     | 1981     | 7.24   | cps   |
| Titanium   | 47-1  | 475      | 467      | 467      | 469      | 1.02   | cps   |
| Uranium    | 238-1 | 383      | 467      | 458      | 436      | 10.52  | cps   |
| Vanadium   | 51-2  | 43       | 20       | 47       | 37       | 39.63  | cps   |
| Yttrium    | 89-1  | 9932357  | 9589700  | 9887332  | 9803130  | 1.90   | cps   |
| Yttrium    | 89-2  | 268667   | 264897   | 269968   | 267844   | 0.98   | cps   |
| Zinc       | 66-2  | 8726     | 8416     | 8449     | 8531     | 2.00   | cps   |



|                         |                      |                   |                     |
|-------------------------|----------------------|-------------------|---------------------|
| LB Number :             | LB97237              | Operator :        | Jaswal              |
| Lab Sample ID :         | J4353-08             | Instrumnet Name : | P8                  |
| Client Sample ID :      | 96-8-FL1-MP-RM-BR-W3 | Dilution Factor : | 1                   |
| Date & Time Acquired :: | 2018-08-10 14:11:51  | DataFile Name :   | 038SMPL_P8081018-MS |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|-----------|------|------|------|------|---------|--------|-------|
| Zirconium | 90-1 | 1358 | 1200 | 1292 | 1283    | 6.19   | cps   |
| Zirconium | 91-1 | 292  | 250  | 292  | 278     | 8.66   | cps   |

|                         |                     |                   |                     |
|-------------------------|---------------------|-------------------|---------------------|
| LB Number :             | LB97237             | Operator :        | Jaswal              |
| Lab Sample ID :         | J4353-09            | Instrumnet Name : | P8                  |
| Client Sample ID :      | 96-9-FL1-MR-RM-WC   | Dilution Factor : | 1                   |
| Date & Time Acquired :: | 2018-08-10 14:15:12 | DataFile Name :   | 039SMPL_P8081018-MS |

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|------------|-------|----------|----------|----------|----------|--------|-------|
| Aluminium  | 27-2  | 63       | 63       | 55       | 60       | 7.22   | cps   |
| Antimony   | 121-1 | 3426     | 3276     | 3434     | 3378     | 2.64   | cps   |
| Arsenic    | 75-2  | 28       | 37       | 19       | 28       | 33.33  | cps   |
| Barium     | 135-1 | 27279    | 27388    | 27246    | 27304    | 0.27   | cps   |
| Barium     | 137-1 | 47269    | 47586    | 46642    | 47166    | 1.02   | cps   |
| Beryllium  | 9-1   | 89       | 128      | 139      | 119      | 22.15  | cps   |
| Bismuth    | 209-1 | 9463712  | 9301524  | 9397807  | 9387681  | 0.87   | cps   |
| Bismuth    | 209-2 | 2219420  | 2220728  | 2256289  | 2232146  | 0.94   | cps   |
| Boron      | 10-1  | 1000     | 1167     | 1183     | 1117     | 9.08   | cps   |
| Boron      | 11-1  | 5593     | 5718     | 5710     | 5674     | 1.23   | cps   |
| Cadmium    | 111-1 | 1478     | 1390     | 1689     | 1519     | 10.11  | cps   |
| Cadmium    | 106-1 | 2050     | 1967     | 2342     | 2120     | 9.29   | cps   |
| Cadmium    | 108-1 | 4        | 17       | 13       | 11       | 57.27  | cps   |
| Calcium    | 43-1  | 97746    | 93947    | 94677    | 95457    | 2.11   | cps   |
| Calcium    | 44-1  | 1611654  | 1604445  | 1594117  | 1603405  | 0.55   | cps   |
| Chromium   | 52-2  | 597      | 517      | 673      | 596      | 13.15  | cps   |
| Cobalt     | 59-2  | 137      | 163      | 157      | 152      | 9.12   | cps   |
| Copper     | 63-2  | 5755     | 5625     | 5561     | 5647     | 1.75   | cps   |
| Dysprosium | 156-1 | 42       | 17       | 42       | 33       | 43.30  | cps   |
| Dysprosium | 156-2 | 3        | 0        | 3        | 2        | 86.60  | cps   |
| Erbium     | 164-1 | 108      | 25       | 92       | 75       | 58.80  | cps   |
| Erbium     | 164-2 | 10       | 7        | 0        | 6        | 91.64  | cps   |
| Gadolinium | 160-1 | 83       | 83       | 33       | 67       | 43.31  | cps   |
| Gadolinium | 160-2 | 3        | 20       | 20       | 14       | 66.64  | cps   |
| Holmium    | 165-1 | 13954526 | 13559337 | 13677163 | 13730342 | 1.48   | cps   |
| Holmium    | 165-2 | 2615617  | 2621921  | 2601869  | 2613135  | 0.39   | cps   |
| Indium     | 115-1 | 10036665 | 9915864  | 9945801  | 9966110  | 0.63   | cps   |
| Indium     | 115-2 | 366030   | 362873   | 364283   | 364395   | 0.43   | cps   |
| Iron       | 56-2  | 4034     | 3984     | 4062     | 4027     | 0.98   | cps   |
| Iron       | 57-2  | 94       | 106      | 133      | 111      | 18.03  | cps   |
| Krypton    | 83-1  | 337      | 343      | 320      | 333      | 3.61   | cps   |
| Lead       | 206-1 | 1367     | 1050     | 1122     | 1180     | 14.07  | cps   |
| Lead       | 207-1 | 1106     | 989      | 1017     | 1037     | 5.88   | cps   |
| Lead       | 208-1 | 5051     | 4706     | 4456     | 4738     | 6.30   | cps   |
| Lithium    | 6-1   | 1693027  | 1696007  | 1699140  | 1696058  | 0.18   | cps   |
| Magnesium  | 24-2  | 29097    | 28972    | 27953    | 28674    | 2.19   | cps   |

|                         |                     |                   |                     |
|-------------------------|---------------------|-------------------|---------------------|
| LB Number :             | LB97237             | Operator :        | Jaswal              |
| Lab Sample ID :         | J4353-09            | Instrumnet Name : | P8                  |
| Client Sample ID :      | 96-9-FL1-MR-RM-WC   | Dilution Factor : | 1                   |
| Date & Time Acquired :: | 2018-08-10 14:15:12 | DataFile Name :   | 039SMPL_P8081018-MS |

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD  | Units |
|------------|-------|----------|----------|----------|----------|---------|-------|
| Manganese  | 55-2  | 2117     | 2034     | 1940     | 2030     | 4.35    | cps   |
| Molybdenum | 94-1  | 708      | 492      | 558      | 586      | 18.93   | cps   |
| Molybdenum | 95-1  | 258      | 217      | 275      | 250      | 12.02   | cps   |
| Molybdenum | 96-1  | 383      | 375      | 450      | 403      | 10.21   | cps   |
| Molybdenum | 97-1  | 117      | 183      | 142      | 147      | 22.88   | cps   |
| Molybdenum | 98-1  | 517      | 675      | 642      | 611      | 13.66   | cps   |
| Neodymium  | 150-1 | 33       | 13       | 20       | 22       | 45.83   | cps   |
| Neodymium  | 150-2 | 3        | 3        | 7        | 4        | 43.40   | cps   |
| Nickel     | 60-2  | 947      | 970      | 873      | 930      | 5.42    | cps   |
| Phosphorus | 31-2  | 217      | 258      | 233      | 236      | 8.88    | cps   |
| Potassium  | 39-2  | 9087     | 8661     | 8586     | 8778     | 3.07    | cps   |
| Rhodium    | 103-1 | 9259376  | 9019362  | 9155452  | 9144730  | 1.32    | cps   |
| Rhodium    | 103-2 | 2365935  | 2357307  | 2324709  | 2349317  | 0.93    | cps   |
| Scandium   | 45-1  | 5368664  | 5207520  | 5208028  | 5261404  | 1.77    | cps   |
| Scandium   | 45-2  | 35766    | 34676    | 34639    | 35027    | 1.83    | cps   |
| Selenium   | 77-2  | 0        | 0        | 0        | 0        | 0.00    | cps   |
| Selenium   | 78-2  | 2        | 2        | 0        | 1        | 86.60   | cps   |
| Selenium   | 82-1  | 5        | -63      | -11      | -23      | -154.72 | cps   |
| Silicon    | 28-1  | 4162019  | 4139671  | 4151354  | 4151015  | 0.27    | cps   |
| Silver     | 109-1 | 783      | 692      | 742      | 739      | 6.21    | cps   |
| Silver     | 107-1 | 775      | 875      | 800      | 817      | 6.37    | cps   |
| Sodium     | 23-2  | 619245   | 618127   | 609133   | 615502   | 0.90    | cps   |
| Strontium  | 86-1  | 43570    | 43336    | 43337    | 43414    | 0.31    | cps   |
| Strontium  | 88-1  | 368882   | 368865   | 371610   | 369786   | 0.43    | cps   |
| Sulfur     | 34-1  | 327702   | 328598   | 326203   | 327501   | 0.37    | cps   |
| Terbium    | 159-1 | 14181078 | 13923627 | 13913108 | 14005938 | 1.08    | cps   |
| Terbium    | 159-2 | 2501354  | 2488782  | 2500859  | 2496998  | 0.29    | cps   |
| Thallium   | 203-1 | 517      | 342      | 450      | 436      | 20.25   | cps   |
| Thallium   | 205-1 | 1058     | 1042     | 1000     | 1033     | 2.91    | cps   |
| Tin        | 118-1 | 1925     | 2025     | 1875     | 1942     | 3.93    | cps   |
| Titanium   | 47-1  | 525      | 392      | 442      | 453      | 14.88   | cps   |
| Uranium    | 238-1 | 83       | 67       | 75       | 75       | 11.11   | cps   |
| Vanadium   | 51-2  | 20       | 23       | 13       | 19       | 26.96   | cps   |
| Yttrium    | 89-1  | 10006879 | 9772781  | 9767699  | 9849119  | 1.39    | cps   |
| Yttrium    | 89-2  | 264017   | 264344   | 262618   | 263660   | 0.35    | cps   |
| Zinc       | 66-2  | 2180     | 2364     | 2287     | 2277     | 4.04    | cps   |

|                         |                     |                   |                     |
|-------------------------|---------------------|-------------------|---------------------|
| LB Number :             | LB97237             | Operator :        | Jaswal              |
| Lab Sample ID :         | J4353-09            | Instrumnet Name : | P8                  |
| Client Sample ID :      | 96-9-FL1-MR-RM-WC   | Dilution Factor : | 1                   |
| Date & Time Acquired :: | 2018-08-10 14:15:12 | DataFile Name :   | 039SMPL_P8081018-MS |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|-----------|------|------|------|------|---------|--------|-------|
| Zirconium | 90-1 | 1417 | 1167 | 1542 | 1375    | 13.89  | cps   |
| Zirconium | 91-1 | 300  | 308  | 325  | 311     | 4.09   | cps   |

LB Number : LB97237 Operator : Jaswal  
 Lab Sample ID : J4353-10 Instrumnet Name : P8  
 Client Sample ID : 96-10-FL1-ART-RM-W4-1 Dilution Factor : 1  
 Date & Time Acquired :: 2018-08-10 14:18:32 DataFile Name : 040SMPL\_P8081018-MS

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|------------|-------|----------|----------|----------|----------|--------|-------|
| Aluminium  | 27-2  | 115      | 100      | 95       | 103      | 10.07  | cps   |
| Antimony   | 121-1 | 3426     | 3292     | 3551     | 3423     | 3.78   | cps   |
| Arsenic    | 75-2  | 31       | 28       | 37       | 32       | 14.52  | cps   |
| Barium     | 135-1 | 34621    | 34320    | 33594    | 34178    | 1.55   | cps   |
| Barium     | 137-1 | 60254    | 60933    | 59903    | 60364    | 0.87   | cps   |
| Beryllium  | 9-1   | 150      | 178      | 156      | 161      | 9.12   | cps   |
| Bismuth    | 209-1 | 9645011  | 9426539  | 9273971  | 9448507  | 1.97   | cps   |
| Bismuth    | 209-2 | 2258481  | 2239157  | 2265988  | 2254542  | 0.61   | cps   |
| Boron      | 10-1  | 1392     | 1383     | 1700     | 1492     | 12.10  | cps   |
| Boron      | 11-1  | 6418     | 5851     | 6535     | 6268     | 5.83   | cps   |
| Cadmium    | 111-1 | 1521     | 1452     | 1448     | 1473     | 2.78   | cps   |
| Cadmium    | 106-1 | 2134     | 2017     | 2017     | 2056     | 3.28   | cps   |
| Cadmium    | 108-1 | 21       | 8        | 8        | 12       | 57.75  | cps   |
| Calcium    | 43-1  | 104377   | 102917   | 103413   | 103569   | 0.72   | cps   |
| Calcium    | 44-1  | 1775327  | 1762779  | 1757901  | 1765336  | 0.51   | cps   |
| Chromium   | 52-2  | 320      | 447      | 403      | 390      | 16.51  | cps   |
| Cobalt     | 59-2  | 133      | 73       | 133      | 113      | 30.57  | cps   |
| Copper     | 63-2  | 149487   | 147199   | 148378   | 148355   | 0.77   | cps   |
| Dysprosium | 156-1 | 100      | 133      | 33       | 89       | 57.29  | cps   |
| Dysprosium | 156-2 | 7        | 10       | 10       | 9        | 21.63  | cps   |
| Erbium     | 164-1 | 83       | 50       | 58       | 64       | 27.15  | cps   |
| Erbium     | 164-2 | 3        | 17       | 3        | 8        | 99.04  | cps   |
| Gadolinium | 160-1 | 83       | 142      | 83       | 103      | 32.76  | cps   |
| Gadolinium | 160-2 | 20       | 10       | 20       | 17       | 34.64  | cps   |
| Holmium    | 165-1 | 14191385 | 13816534 | 13578037 | 13861985 | 2.23   | cps   |
| Holmium    | 165-2 | 2660811  | 2634724  | 2673625  | 2656386  | 0.75   | cps   |
| Indium     | 115-1 | 10284064 | 10139569 | 9916823  | 10113486 | 1.83   | cps   |
| Indium     | 115-2 | 367002   | 364880   | 368817   | 366899   | 0.54   | cps   |
| Iron       | 56-2  | 19931    | 20583    | 20037    | 20184    | 1.73   | cps   |
| Iron       | 57-2  | 594      | 528      | 467      | 530      | 12.07  | cps   |
| Krypton    | 83-1  | 313      | 310      | 340      | 321      | 5.12   | cps   |
| Lead       | 206-1 | 38392    | 38531    | 37695    | 38206    | 1.17   | cps   |
| Lead       | 207-1 | 32476    | 32258    | 31935    | 32223    | 0.84   | cps   |
| Lead       | 208-1 | 150013   | 150035   | 147893   | 149314   | 0.82   | cps   |
| Lithium    | 6-1   | 1717940  | 1706836  | 1697590  | 1707455  | 0.60   | cps   |
| Magnesium  | 24-2  | 29824    | 29724    | 29481    | 29676    | 0.59   | cps   |

|                         |                       |                   |                     |
|-------------------------|-----------------------|-------------------|---------------------|
| LB Number :             | LB97237               | Operator :        | Jaswal              |
| Lab Sample ID :         | J4353-10              | Instrumnet Name : | P8                  |
| Client Sample ID :      | 96-10-FL1-ART-RM-W4-1 | Dilution Factor : | 1                   |
| Date & Time Acquired :: | 2018-08-10 14:18:32   | DataFile Name :   | 040SMPL_P8081018-MS |

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD  | Units |
|------------|-------|----------|----------|----------|----------|---------|-------|
| Manganese  | 55-2  | 2500     | 2520     | 2540     | 2520     | 0.79    | cps   |
| Molybdenum | 94-1  | 750      | 642      | 583      | 658      | 12.85   | cps   |
| Molybdenum | 95-1  | 275      | 267      | 292      | 278      | 4.58    | cps   |
| Molybdenum | 96-1  | 450      | 525      | 417      | 464      | 11.96   | cps   |
| Molybdenum | 97-1  | 217      | 233      | 267      | 239      | 10.66   | cps   |
| Molybdenum | 98-1  | 708      | 658      | 667      | 678      | 3.95    | cps   |
| Neodymium  | 150-1 | 13       | 60       | 80       | 51       | 66.94   | cps   |
| Neodymium  | 150-2 | 7        | 3        | 3        | 4        | 43.40   | cps   |
| Nickel     | 60-2  | 470      | 517      | 560      | 516      | 8.73    | cps   |
| Phosphorus | 31-2  | 192      | 192      | 242      | 208      | 13.86   | cps   |
| Potassium  | 39-2  | 8119     | 7836     | 7519     | 7825     | 3.84    | cps   |
| Rhodium    | 103-1 | 9357568  | 9272454  | 9090494  | 9240172  | 1.48    | cps   |
| Rhodium    | 103-2 | 2380388  | 2346347  | 2368445  | 2365060  | 0.73    | cps   |
| Scandium   | 45-1  | 5388199  | 5315700  | 5169594  | 5291164  | 2.10    | cps   |
| Scandium   | 45-2  | 35943    | 34629    | 35779    | 35450    | 2.02    | cps   |
| Selenium   | 77-2  | 0        | 0        | 0        | 0        | 0.00    | cps   |
| Selenium   | 78-2  | 4        | 2        | 2        | 2        | 43.30   | cps   |
| Selenium   | 82-1  | -10      | -12      | 9        | -4       | -280.20 | cps   |
| Silicon    | 28-1  | 3104056  | 3096442  | 3069360  | 3089953  | 0.59    | cps   |
| Silver     | 109-1 | 792      | 742      | 808      | 781      | 4.45    | cps   |
| Silver     | 107-1 | 858      | 833      | 800      | 831      | 3.52    | cps   |
| Sodium     | 23-2  | 628193   | 626065   | 621880   | 625379   | 0.51    | cps   |
| Strontium  | 86-1  | 45661    | 45276    | 45795    | 45577    | 0.59    | cps   |
| Strontium  | 88-1  | 390375   | 383910   | 389169   | 387818   | 0.89    | cps   |
| Sulfur     | 34-1  | 337854   | 336769   | 337573   | 337399   | 0.17    | cps   |
| Terbium    | 159-1 | 14318088 | 14160936 | 13795458 | 14091494 | 1.90    | cps   |
| Terbium    | 159-2 | 2548594  | 2477448  | 2510685  | 2512243  | 1.42    | cps   |
| Thallium   | 203-1 | 450      | 442      | 342      | 411      | 14.66   | cps   |
| Thallium   | 205-1 | 908      | 917      | 925      | 917      | 0.91    | cps   |
| Tin        | 118-1 | 19473    | 18956    | 19448    | 19292    | 1.51    | cps   |
| Titanium   | 47-1  | 467      | 550      | 492      | 503      | 8.50    | cps   |
| Uranium    | 238-1 | 450      | 408      | 375      | 411      | 9.14    | cps   |
| Vanadium   | 51-2  | 27       | 20       | 30       | 26       | 19.92   | cps   |
| Yttrium    | 89-1  | 10157878 | 10008786 | 9839974  | 10002213 | 1.59    | cps   |
| Yttrium    | 89-2  | 263694   | 264177   | 263876   | 263916   | 0.09    | cps   |
| Zinc       | 66-2  | 6478     | 6455     | 6245     | 6393     | 2.01    | cps   |

|                         |                       |                   |                     |
|-------------------------|-----------------------|-------------------|---------------------|
| LB Number :             | LB97237               | Operator :        | Jaswal              |
| Lab Sample ID :         | J4353-10              | Instrumnet Name : | P8                  |
| Client Sample ID :      | 96-10-FL1-ART-RM-W4-1 | Dilution Factor : | 1                   |
| Date & Time Acquired :: | 2018-08-10 14:18:32   | DataFile Name :   | 040SMPL_P8081018-MS |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|-----------|------|------|------|------|---------|--------|-------|
| Zirconium | 90-1 | 1392 | 1400 | 1183 | 1325    | 9.26   | cps   |
| Zirconium | 91-1 | 308  | 225  | 242  | 258     | 17.07  | cps   |

|                         |                     |                   |                      |
|-------------------------|---------------------|-------------------|----------------------|
| LB Number :             | LB97237             | Operator :        | Jaswal               |
| Lab Sample ID :         | CCV92               | Instrumnet Name : | P8                   |
| Client Sample ID :      | CCV92               | Dilution Factor : | 1                    |
| Date & Time Acquired :: | 2018-08-10 14:21:52 | DataFile Name :   | 041CCV_P8081018-MS.I |

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|------------|-------|----------|----------|----------|----------|--------|-------|
| Aluminium  | 27-2  | 261764   | 263562   | 259840   | 261722   | 0.71   | cps   |
| Antimony   | 121-1 | 4296782  | 4274161  | 4299259  | 4290067  | 0.32   | cps   |
| Arsenic    | 75-2  | 39540    | 40140    | 38548    | 39409    | 2.04   | cps   |
| Barium     | 135-1 | 4744435  | 4686457  | 4670208  | 4700367  | 0.83   | cps   |
| Barium     | 137-1 | 8192230  | 8171237  | 8176311  | 8179926  | 0.13   | cps   |
| Beryllium  | 9-1   | 529544   | 528526   | 530366   | 529479   | 0.17   | cps   |
| Bismuth    | 209-1 | 8159704  | 8121800  | 8165938  | 8149148  | 0.29   | cps   |
| Bismuth    | 209-2 | 1928450  | 1929602  | 2001350  | 1953134  | 2.14   | cps   |
| Boron      | 10-1  | 61641    | 62579    | 65902    | 63374    | 3.53   | cps   |
| Boron      | 11-1  | 287129   | 294524   | 298835   | 293496   | 2.02   | cps   |
| Cadmium    | 111-1 | 896494   | 892605   | 895624   | 894908   | 0.23   | cps   |
| Cadmium    | 106-1 | 98357    | 98920    | 97953    | 98410    | 0.49   | cps   |
| Cadmium    | 108-1 | 64616    | 64009    | 64114    | 64247    | 0.51   | cps   |
| Calcium    | 43-1  | 4412314  | 4379000  | 4427108  | 4406140  | 0.56   | cps   |
| Calcium    | 44-1  | 71638418 | 71138270 | 71468837 | 71415175 | 0.36   | cps   |
| Chromium   | 52-2  | 345730   | 347874   | 346907   | 346837   | 0.31   | cps   |
| Cobalt     | 59-2  | 733648   | 731238   | 733907   | 732931   | 0.20   | cps   |
| Copper     | 63-2  | 1232398  | 1231587  | 1226697  | 1230227  | 0.25   | cps   |
| Dysprosium | 156-1 | 67       | 133      | 67       | 89       | 43.30  | cps   |
| Dysprosium | 156-2 | 17       | 13       | 3        | 11       | 62.48  | cps   |
| Erbium     | 164-1 | 42       | 50       | 58       | 50       | 16.67  | cps   |
| Erbium     | 164-2 | 3        | 3        | 3        | 3        | 0.00   | cps   |
| Gadolinium | 160-1 | 100      | 100      | 83       | 94       | 10.19  | cps   |
| Gadolinium | 160-2 | 13       | 10       | 10       | 11       | 17.30  | cps   |
| Holmium    | 165-1 | 12796723 | 12901724 | 12551317 | 12749922 | 1.41   | cps   |
| Holmium    | 165-2 | 2435564  | 2488722  | 2524815  | 2483034  | 1.81   | cps   |
| Indium     | 115-1 | 8949618  | 8897623  | 8895578  | 8914273  | 0.34   | cps   |
| Indium     | 115-2 | 325670   | 332172   | 339386   | 332409   | 2.06   | cps   |
| Iron       | 56-2  | 56915053 | 57287885 | 56959300 | 57054079 | 0.36   | cps   |
| Iron       | 57-2  | 1441440  | 1457226  | 1449756  | 1449474  | 0.54   | cps   |
| Krypton    | 83-1  | 317      | 300      | 333      | 317      | 5.26   | cps   |
| Lead       | 206-1 | 3168079  | 3164791  | 3166239  | 3166370  | 0.05   | cps   |
| Lead       | 207-1 | 2931372  | 2922959  | 2885606  | 2913312  | 0.84   | cps   |
| Lead       | 208-1 | 13013705 | 13056977 | 12966121 | 13012268 | 0.35   | cps   |
| Lithium    | 6-1   | 1529905  | 1542355  | 1534767  | 1535676  | 0.41   | cps   |
| Magnesium  | 24-2  | 6152465  | 6176802  | 6123949  | 6151072  | 0.43   | cps   |



|                         |                     |                   |                      |
|-------------------------|---------------------|-------------------|----------------------|
| LB Number :             | LB97237             | Operator :        | Jaswal               |
| Lab Sample ID :         | CCV92               | Instrumnet Name : | P8                   |
| Client Sample ID :      | CCV92               | Dilution Factor : | 1                    |
| Date & Time Acquired :: | 2018-08-10 14:21:52 | DataFile Name :   | 041CCV_P8081018-MS.I |

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|------------|-------|----------|----------|----------|----------|--------|-------|
| Manganese  | 55-2  | 188814   | 188719   | 189324   | 188952   | 0.17   | cps   |
| Molybdenum | 94-1  | 7242540  | 7207952  | 7194617  | 7215036  | 0.34   | cps   |
| Molybdenum | 95-1  | 8859660  | 8878134  | 8854337  | 8864044  | 0.14   | cps   |
| Molybdenum | 96-1  | 9960003  | 9904429  | 9898925  | 9921119  | 0.34   | cps   |
| Molybdenum | 97-1  | 5647740  | 5571664  | 5606212  | 5608539  | 0.68   | cps   |
| Molybdenum | 98-1  | 14377209 | 14305816 | 14254228 | 14312418 | 0.43   | cps   |
| Neodymium  | 150-1 | 213      | 240      | 280      | 244      | 13.73  | cps   |
| Neodymium  | 150-2 | 7        | 3        | 17       | 9        | 78.08  | cps   |
| Nickel     | 60-2  | 216517   | 216834   | 216837   | 216729   | 0.08   | cps   |
| Phosphorus | 31-2  | 3651     | 3326     | 3334     | 3437     | 5.39   | cps   |
| Potassium  | 39-2  | 1555281  | 1555792  | 1549885  | 1553653  | 0.21   | cps   |
| Rhodium    | 103-1 | 8114021  | 8142242  | 8073555  | 8109940  | 0.43   | cps   |
| Rhodium    | 103-2 | 2035837  | 2068086  | 2102484  | 2068802  | 1.61   | cps   |
| Scandium   | 45-1  | 4961625  | 5059103  | 4945876  | 4988868  | 1.23   | cps   |
| Scandium   | 45-2  | 33651    | 33720    | 34172    | 33848    | 0.84   | cps   |
| Selenium   | 77-2  | 273      | 243      | 317      | 278      | 13.27  | cps   |
| Selenium   | 78-2  | 1028     | 993      | 898      | 973      | 6.89   | cps   |
| Selenium   | 82-1  | 53385    | 53762    | 53187    | 53445    | 0.55   | cps   |
| Silicon    | 28-1  | 1922483  | 1897354  | 1926348  | 1915395  | 0.82   | cps   |
| Silver     | 109-1 | 4220095  | 4219461  | 4188528  | 4209361  | 0.43   | cps   |
| Silver     | 107-1 | 4522858  | 4454524  | 4478488  | 4485290  | 0.77   | cps   |
| Sodium     | 23-2  | 13788498 | 13778686 | 13679092 | 13748759 | 0.44   | cps   |
| Strontium  | 86-1  | 1093418  | 1095836  | 1101178  | 1096811  | 0.36   | cps   |
| Strontium  | 88-1  | 9534032  | 9536254  | 9603123  | 9557803  | 0.41   | cps   |
| Sulfur     | 34-1  | 584196   | 576964   | 577280   | 579480   | 0.71   | cps   |
| Terbium    | 159-1 | 13005189 | 13002324 | 12983349 | 12996954 | 0.09   | cps   |
| Terbium    | 159-2 | 2322573  | 2342855  | 2381320  | 2348916  | 1.27   | cps   |
| Thallium   | 203-1 | 3896996  | 3946704  | 3874610  | 3906103  | 0.94   | cps   |
| Thallium   | 205-1 | 9263850  | 9385060  | 9139316  | 9262742  | 1.33   | cps   |
| Tin        | 118-1 | 3047238  | 3030773  | 3044045  | 3040685  | 0.29   | cps   |
| Titanium   | 47-1  | 2225088  | 2258661  | 2252465  | 2245405  | 0.80   | cps   |
| Uranium    | 238-1 | 13319436 | 13109204 | 13383202 | 13270614 | 1.08   | cps   |
| Vanadium   | 51-2  | 250870   | 252529   | 251626   | 251675   | 0.33   | cps   |
| Yttrium    | 89-1  | 9244682  | 9276163  | 9175329  | 9232058  | 0.56   | cps   |
| Yttrium    | 89-2  | 246467   | 249822   | 254054   | 250114   | 1.52   | cps   |
| Zinc       | 66-2  | 107851   | 108937   | 108285   | 108358   | 0.50   | cps   |

|                         |                     |                   |                      |
|-------------------------|---------------------|-------------------|----------------------|
| LB Number :             | LB97237             | Operator :        | Jaswal               |
| Lab Sample ID :         | CCV92               | Instrumnet Name : | P8                   |
| Client Sample ID :      | CCV92               | Dilution Factor : | 1                    |
| Date & Time Acquired :: | 2018-08-10 14:21:52 | DataFile Name :   | 041CCV_P8081018-MS.I |

| Parameter | Mass | CPS1    | CPS2    | CPS3    | CPSMean | CPSRSD | Units |
|-----------|------|---------|---------|---------|---------|--------|-------|
| Zirconium | 90-1 | 6118755 | 6022169 | 6014348 | 6051757 | 0.96   | cps   |
| Zirconium | 91-1 | 1354413 | 1330327 | 1334212 | 1339651 | 0.97   | cps   |

|                         |                     |                   |                     |
|-------------------------|---------------------|-------------------|---------------------|
| LB Number :             | LB97237             | Operator :        | Jaswal              |
| Lab Sample ID :         | CCB92               | Instrumnet Name : | P8                  |
| Client Sample ID :      | CCB92               | Dilution Factor : | 1                   |
| Date & Time Acquired :: | 2018-08-10 14:25:02 | DataFile Name :   | 042CCBE_P8081018-M8 |

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|------------|-------|----------|----------|----------|----------|--------|-------|
| Aluminium  | 27-2  | 13       | 10       | 8        | 10       | 25.00  | cps   |
| Antimony   | 121-1 | 10605    | 9771     | 8845     | 9740     | 9.04   | cps   |
| Arsenic    | 75-2  | 19       | 9        | 7        | 12       | 50.75  | cps   |
| Barium     | 135-1 | 158      | 83       | 150      | 131      | 31.49  | cps   |
| Barium     | 137-1 | 308      | 233      | 158      | 233      | 32.14  | cps   |
| Beryllium  | 9-1   | 372      | 350      | 456      | 393      | 14.17  | cps   |
| Bismuth    | 209-1 | 8601328  | 8456034  | 8358356  | 8471906  | 1.44   | cps   |
| Bismuth    | 209-2 | 2017812  | 2097867  | 2153631  | 2089770  | 3.27   | cps   |
| Boron      | 10-1  | 2609     | 2709     | 2209     | 2509     | 10.55  | cps   |
| Boron      | 11-1  | 12097    | 11147    | 10021    | 11088    | 9.38   | cps   |
| Cadmium    | 111-1 | 1477     | 1570     | 1451     | 1499     | 4.18   | cps   |
| Cadmium    | 106-1 | 1967     | 2100     | 1917     | 1995     | 4.75   | cps   |
| Cadmium    | 108-1 | 42       | 0        | 17       | 19       | 107.85 | cps   |
| Calcium    | 43-1  | 408      | 500      | 550      | 486      | 14.78  | cps   |
| Calcium    | 44-1  | 15818    | 14642    | 14717    | 15059    | 4.37   | cps   |
| Chromium   | 52-2  | 330      | 280      | 290      | 300      | 8.82   | cps   |
| Cobalt     | 59-2  | 50       | 63       | 47       | 53       | 16.53  | cps   |
| Copper     | 63-2  | 937      | 950      | 1003     | 963      | 3.66   | cps   |
| Dysprosium | 156-1 | 8        | 25       | 33       | 22       | 57.29  | cps   |
| Dysprosium | 156-2 | 0        | 3        | 0        | 1        | 173.21 | cps   |
| Erbium     | 164-1 | 58       | 50       | 17       | 42       | 52.91  | cps   |
| Erbium     | 164-2 | 20       | 10       | 0        | 10       | 100.00 | cps   |
| Gadolinium | 160-1 | 58       | 67       | 33       | 53       | 32.88  | cps   |
| Gadolinium | 160-2 | 10       | 10       | 13       | 11       | 17.30  | cps   |
| Holmium    | 165-1 | 12344163 | 12457753 | 12488934 | 12430283 | 0.61   | cps   |
| Holmium    | 165-2 | 2381276  | 2514907  | 2564044  | 2486742  | 3.80   | cps   |
| Indium     | 115-1 | 9131438  | 9120575  | 9249711  | 9167242  | 0.78   | cps   |
| Indium     | 115-2 | 340710   | 352673   | 358535   | 350639   | 2.59   | cps   |
| Iron       | 56-2  | 2561     | 2395     | 2367     | 2441     | 4.31   | cps   |
| Iron       | 57-2  | 122      | 83       | 56       | 87       | 38.47  | cps   |
| Krypton    | 83-1  | 323      | 280      | 313      | 306      | 7.42   | cps   |
| Lead       | 206-1 | 550      | 556      | 550      | 552      | 0.58   | cps   |
| Lead       | 207-1 | 461      | 461      | 422      | 448      | 5.01   | cps   |
| Lead       | 208-1 | 2050     | 2000     | 2033     | 2028     | 1.26   | cps   |
| Lithium    | 6-1   | 1542782  | 1543528  | 1588595  | 1558302  | 1.68   | cps   |
| Magnesium  | 24-2  | 325      | 342      | 325      | 331      | 2.91   | cps   |

|                         |                     |                   |                     |
|-------------------------|---------------------|-------------------|---------------------|
| LB Number :             | LB97237             | Operator :        | Jaswal              |
| Lab Sample ID :         | CCB92               | Instrumnet Name : | P8                  |
| Client Sample ID :      | CCB92               | Dilution Factor : | 1                   |
| Date & Time Acquired :: | 2018-08-10 14:25:02 | DataFile Name :   | 042CCBE_P8081018-M8 |

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|------------|-------|----------|----------|----------|----------|--------|-------|
| Manganese  | 55-2  | 77       | 77       | 43       | 66       | 29.36  | cps   |
| Molybdenum | 94-1  | 2967     | 3309     | 2592     | 2956     | 12.13  | cps   |
| Molybdenum | 95-1  | 3626     | 3234     | 2909     | 3256     | 11.02  | cps   |
| Molybdenum | 96-1  | 4276     | 3884     | 3426     | 3862     | 11.02  | cps   |
| Molybdenum | 97-1  | 2467     | 2025     | 1917     | 2136     | 13.64  | cps   |
| Molybdenum | 98-1  | 6127     | 5618     | 5143     | 5629     | 8.74   | cps   |
| Neodymium  | 150-1 | 13       | 0        | 13       | 9        | 86.60  | cps   |
| Neodymium  | 150-2 | 0        | 0        | 0        | 0        | 0.00   | cps   |
| Nickel     | 60-2  | 120      | 153      | 147      | 140      | 12.60  | cps   |
| Phosphorus | 31-2  | 25       | 0        | 0        | 8        | 173.21 | cps   |
| Potassium  | 39-2  | 2042     | 2134     | 1992     | 2056     | 3.50   | cps   |
| Rhodium    | 103-1 | 8492385  | 8474428  | 8545704  | 8504172  | 0.44   | cps   |
| Rhodium    | 103-2 | 2137144  | 2234039  | 2253888  | 2208357  | 2.83   | cps   |
| Scandium   | 45-1  | 4993378  | 4942734  | 4973556  | 4969889  | 0.51   | cps   |
| Scandium   | 45-2  | 32982    | 34930    | 35157    | 34357    | 3.48   | cps   |
| Selenium   | 77-2  | 0        | 0        | 0        | 0        | 0.00   | cps   |
| Selenium   | 78-2  | 4        | 0        | 0        | 1        | 173.21 | cps   |
| Selenium   | 82-1  | 26       | 22       | -28      | 7        | 446.60 | cps   |
| Silicon    | 28-1  | 276176   | 271794   | 274428   | 274133   | 0.80   | cps   |
| Silver     | 109-1 | 767      | 475      | 592      | 611      | 24.02  | cps   |
| Silver     | 107-1 | 792      | 700      | 675      | 722      | 8.51   | cps   |
| Sodium     | 23-2  | 6460     | 7210     | 6577     | 6749     | 5.98   | cps   |
| Strontium  | 86-1  | 483      | 608      | 575      | 556      | 11.65  | cps   |
| Strontium  | 88-1  | 433      | 325      | 283      | 347      | 22.30  | cps   |
| Sulfur     | 34-1  | 320073   | 320476   | 323135   | 321228   | 0.52   | cps   |
| Terbium    | 159-1 | 12713230 | 12775320 | 12684494 | 12724348 | 0.36   | cps   |
| Terbium    | 159-2 | 2288468  | 2380406  | 2402104  | 2356993  | 2.56   | cps   |
| Thallium   | 203-1 | 1233     | 1108     | 1133     | 1158     | 5.71   | cps   |
| Thallium   | 205-1 | 2992     | 2667     | 2534     | 2731     | 8.63   | cps   |
| Tin        | 118-1 | 3876     | 3901     | 3542     | 3773     | 5.31   | cps   |
| Titanium   | 47-1  | 225      | 258      | 117      | 200      | 37.04  | cps   |
| Uranium    | 238-1 | 542      | 458      | 367      | 456      | 19.22  | cps   |
| Vanadium   | 51-2  | 7        | 17       | 7        | 10       | 57.72  | cps   |
| Yttrium    | 89-1  | 9140508  | 9159104  | 9198582  | 9166065  | 0.32   | cps   |
| Yttrium    | 89-2  | 245251   | 256227   | 259756   | 253745   | 2.98   | cps   |
| Zinc       | 66-2  | 227      | 160      | 140      | 176      | 25.85  | cps   |

|                         |                     |                   |                     |
|-------------------------|---------------------|-------------------|---------------------|
| LB Number :             | LB97237             | Operator :        | Jaswal              |
| Lab Sample ID :         | CCB92               | Instrumnet Name : | P8                  |
| Client Sample ID :      | CCB92               | Dilution Factor : | 1                   |
| Date & Time Acquired :: | 2018-08-10 14:25:02 | DataFile Name :   | 042CCBE_P8081018-MS |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|-----------|------|------|------|------|---------|--------|-------|
| Zirconium | 90-1 | 2550 | 2650 | 2467 | 2556    | 3.59   | cps   |
| Zirconium | 91-1 | 617  | 650  | 458  | 575     | 17.81  | cps   |

LB Number : LB97237 Operator : Jaswal  
 Lab Sample ID : J4353-11 Instrumnet Name : P8  
 Client Sample ID : 96-11-FL2-FRONT-RM-V Dilution Factor : 1  
 Date & Time Acquired :: 2018-08-10 14:28:22 DataFile Name : 043SMPL\_P8081018-MS

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|------------|-------|----------|----------|----------|----------|--------|-------|
| Aluminium  | 27-2  | 88       | 38       | 95       | 73       | 42.63  | cps   |
| Antimony   | 121-1 | 4726     | 4809     | 4901     | 4812     | 1.82   | cps   |
| Arsenic    | 75-2  | 28       | 44       | 28       | 33       | 28.87  | cps   |
| Barium     | 135-1 | 29793    | 28916    | 27605    | 28771    | 3.83   | cps   |
| Barium     | 137-1 | 51576    | 49962    | 49744    | 50427    | 1.98   | cps   |
| Beryllium  | 9-1   | 189      | 256      | 261      | 235      | 17.09  | cps   |
| Bismuth    | 209-1 | 9303320  | 9587205  | 9141864  | 9344130  | 2.41   | cps   |
| Bismuth    | 209-2 | 2298126  | 2251556  | 2190273  | 2246652  | 2.41   | cps   |
| Boron      | 10-1  | 1742     | 1667     | 1625     | 1678     | 3.53   | cps   |
| Boron      | 11-1  | 8286     | 7869     | 8186     | 8114     | 2.68   | cps   |
| Cadmium    | 111-1 | 1671     | 1720     | 1646     | 1679     | 2.23   | cps   |
| Cadmium    | 106-1 | 2284     | 2325     | 2250     | 2286     | 1.64   | cps   |
| Cadmium    | 108-1 | 21       | 17       | 29       | 22       | 28.64  | cps   |
| Calcium    | 43-1  | 92018    | 91564    | 91237    | 91606    | 0.43   | cps   |
| Calcium    | 44-1  | 1568992  | 1548505  | 1524103  | 1547200  | 1.45   | cps   |
| Chromium   | 52-2  | 633      | 613      | 540      | 596      | 8.25   | cps   |
| Cobalt     | 59-2  | 47       | 63       | 60       | 57       | 15.56  | cps   |
| Copper     | 63-2  | 5438     | 5565     | 5608     | 5537     | 1.60   | cps   |
| Dysprosium | 156-1 | 0        | 33       | 58       | 31       | 95.79  | cps   |
| Dysprosium | 156-2 | 0        | 0        | 7        | 2        | 173.21 | cps   |
| Erbium     | 164-1 | 58       | 83       | 67       | 69       | 18.33  | cps   |
| Erbium     | 164-2 | 3        | 7        | 0        | 3        | 100.05 | cps   |
| Gadolinium | 160-1 | 100      | 67       | 67       | 78       | 24.75  | cps   |
| Gadolinium | 160-2 | 3        | 10       | 7        | 7        | 50.03  | cps   |
| Holmium    | 165-1 | 13676376 | 14018763 | 13413111 | 13702750 | 2.22   | cps   |
| Holmium    | 165-2 | 2662122  | 2669200  | 2567343  | 2632888  | 2.16   | cps   |
| Indium     | 115-1 | 9998061  | 10339561 | 9840374  | 10059332 | 2.54   | cps   |
| Indium     | 115-2 | 373129   | 375847   | 361311   | 370095   | 2.09   | cps   |
| Iron       | 56-2  | 4784     | 4745     | 4879     | 4803     | 1.43   | cps   |
| Iron       | 57-2  | 100      | 111      | 133      | 115      | 14.79  | cps   |
| Krypton    | 83-1  | 317      | 327      | 327      | 323      | 1.79   | cps   |
| Lead       | 206-1 | 1222     | 1272     | 1261     | 1252     | 2.10   | cps   |
| Lead       | 207-1 | 1050     | 1083     | 1022     | 1052     | 2.91   | cps   |
| Lead       | 208-1 | 5006     | 5145     | 5095     | 5082     | 1.38   | cps   |
| Lithium    | 6-1   | 1660048  | 1730295  | 1657080  | 1682474  | 2.46   | cps   |
| Magnesium  | 24-2  | 29423    | 29832    | 29356    | 29537    | 0.87   | cps   |

|                         |                      |                   |                     |
|-------------------------|----------------------|-------------------|---------------------|
| LB Number :             | LB97237              | Operator :        | Jaswal              |
| Lab Sample ID :         | J4353-11             | Instrumnet Name : | P8                  |
| Client Sample ID :      | 96-11-FL2-FRONT-RM-V | Dilution Factor : | 1                   |
| Date & Time Acquired :: | 2018-08-10 14:28:22  | DataFile Name :   | 043SMPL_P8081018-MS |

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|------------|-------|----------|----------|----------|----------|--------|-------|
| Manganese  | 55-2  | 2160     | 2214     | 2287     | 2220     | 2.86   | cps   |
| Molybdenum | 94-1  | 5085     | 3826     | 3026     | 3979     | 26.09  | cps   |
| Molybdenum | 95-1  | 1175     | 1083     | 1042     | 1100     | 6.20   | cps   |
| Molybdenum | 96-1  | 1867     | 1800     | 1642     | 1770     | 6.53   | cps   |
| Molybdenum | 97-1  | 842      | 692      | 558      | 697      | 20.33  | cps   |
| Molybdenum | 98-1  | 1942     | 1784     | 1700     | 1809     | 6.79   | cps   |
| Neodymium  | 150-1 | 7        | 13       | 13       | 11       | 34.61  | cps   |
| Neodymium  | 150-2 | 0        | 0        | 0        | 0        | 0.00   | cps   |
| Nickel     | 60-2  | 783      | 753      | 837      | 791      | 5.34   | cps   |
| Phosphorus | 31-2  | 200      | 183      | 333      | 239      | 34.42  | cps   |
| Potassium  | 39-2  | 9328     | 8720     | 9053     | 9034     | 3.37   | cps   |
| Rhodium    | 103-1 | 9273749  | 9418560  | 9063496  | 9251935  | 1.93   | cps   |
| Rhodium    | 103-2 | 2395970  | 2379310  | 2309347  | 2361542  | 1.95   | cps   |
| Scandium   | 45-1  | 5396116  | 5555897  | 5232059  | 5394690  | 3.00   | cps   |
| Scandium   | 45-2  | 36685    | 36802    | 34823    | 36103    | 3.07   | cps   |
| Selenium   | 77-2  | 0        | 0        | 3        | 1        | 173.21 | cps   |
| Selenium   | 78-2  | 6        | 4        | 7        | 6        | 33.38  | cps   |
| Selenium   | 82-1  | -13      | -19      | -40      | -24      | -59.13 | cps   |
| Silicon    | 28-1  | 4211802  | 4170055  | 4143481  | 4175113  | 0.82   | cps   |
| Silver     | 109-1 | 1350     | 925      | 1233     | 1170     | 18.78  | cps   |
| Silver     | 107-1 | 1275     | 1442     | 1225     | 1314     | 8.63   | cps   |
| Sodium     | 23-2  | 609922   | 606464   | 598169   | 604852   | 1.00   | cps   |
| Strontium  | 86-1  | 43387    | 43428    | 42634    | 43150    | 1.04   | cps   |
| Strontium  | 88-1  | 374569   | 371432   | 369737   | 371913   | 0.66   | cps   |
| Sulfur     | 34-1  | 346860   | 346719   | 344347   | 345976   | 0.41   | cps   |
| Terbium    | 159-1 | 13864850 | 14304564 | 13677701 | 13949039 | 2.31   | cps   |
| Terbium    | 159-2 | 2538649  | 2535032  | 2477319  | 2517000  | 1.37   | cps   |
| Thallium   | 203-1 | 1325     | 1208     | 883      | 1139     | 20.10  | cps   |
| Thallium   | 205-1 | 3509     | 2692     | 2542     | 2914     | 17.86  | cps   |
| Tin        | 118-1 | 2375     | 2492     | 2392     | 2420     | 2.61   | cps   |
| Titanium   | 47-1  | 408      | 417      | 508      | 444      | 12.49  | cps   |
| Uranium    | 238-1 | 167      | 125      | 158      | 150      | 14.70  | cps   |
| Vanadium   | 51-2  | 17       | 20       | 17       | 18       | 10.81  | cps   |
| Yttrium    | 89-1  | 9918000  | 10221189 | 9738870  | 9959353  | 2.45   | cps   |
| Yttrium    | 89-2  | 270555   | 270018   | 262367   | 267647   | 1.71   | cps   |
| Zinc       | 66-2  | 2520     | 2314     | 2424     | 2419     | 4.28   | cps   |

|                         |                      |                   |                     |
|-------------------------|----------------------|-------------------|---------------------|
| LB Number :             | LB97237              | Operator :        | Jaswal              |
| Lab Sample ID :         | J4353-11             | Instrumnet Name : | P8                  |
| Client Sample ID :      | 96-11-FL2-FRONT-RM-V | Dilution Factor : | 1                   |
| Date & Time Acquired :: | 2018-08-10 14:28:22  | DataFile Name :   | 043SMPL_P8081018-MS |

| Parameter | Mass | CPS1  | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|-----------|------|-------|------|------|---------|--------|-------|
| Zirconium | 90-1 | 11105 | 8762 | 7652 | 9173    | 19.22  | cps   |
| Zirconium | 91-1 | 2567  | 2017 | 1492 | 2025    | 26.55  | cps   |



|                         |                      |                   |                     |
|-------------------------|----------------------|-------------------|---------------------|
| LB Number :             | LB97237              | Operator :        | Jaswal              |
| Lab Sample ID :         | J4353-12             | Instrumnet Name : | P8                  |
| Client Sample ID :      | 96-12-FL2-FRONT-RM-B | Dilution Factor : | 1                   |
| Date & Time Acquired :: | 2018-08-10 14:31:43  | DataFile Name :   | 044SMPL_P8081018-MS |

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|------------|-------|----------|----------|----------|----------|--------|-------|
| Aluminium  | 27-2  | 203      | 258      | 203      | 221      | 14.38  | cps   |
| Antimony   | 121-1 | 3859     | 3884     | 3384     | 3709     | 7.60   | cps   |
| Arsenic    | 75-2  | 43       | 33       | 30       | 35       | 18.97  | cps   |
| Barium     | 135-1 | 33928    | 33326    | 32399    | 33217    | 2.32   | cps   |
| Barium     | 137-1 | 59250    | 59978    | 58580    | 59270    | 1.18   | cps   |
| Beryllium  | 9-1   | 178      | 261      | 189      | 209      | 21.62  | cps   |
| Bismuth    | 209-1 | 9410629  | 9131834  | 9478992  | 9340485  | 1.97   | cps   |
| Bismuth    | 209-2 | 2164419  | 2283705  | 2175795  | 2207973  | 2.98   | cps   |
| Boron      | 10-1  | 1625     | 2084     | 1700     | 1803     | 13.64  | cps   |
| Boron      | 11-1  | 8528     | 8736     | 9262     | 8842     | 4.28   | cps   |
| Cadmium    | 111-1 | 1535     | 1651     | 1533     | 1573     | 4.31   | cps   |
| Cadmium    | 106-1 | 2134     | 2259     | 2125     | 2172     | 3.44   | cps   |
| Cadmium    | 108-1 | 13       | 13       | 13       | 13       | 0.00   | cps   |
| Calcium    | 43-1  | 103723   | 106006   | 104362   | 104697   | 1.12   | cps   |
| Calcium    | 44-1  | 1763331  | 1769516  | 1758187  | 1763678  | 0.32   | cps   |
| Chromium   | 52-2  | 630      | 613      | 620      | 621      | 1.35   | cps   |
| Cobalt     | 59-2  | 80       | 60       | 70       | 70       | 14.29  | cps   |
| Copper     | 63-2  | 116032   | 116311   | 114554   | 115633   | 0.82   | cps   |
| Dysprosium | 156-1 | 67       | 67       | 50       | 61       | 15.75  | cps   |
| Dysprosium | 156-2 | 13       | 10       | 10       | 11       | 17.30  | cps   |
| Erbium     | 164-1 | 100      | 100      | 58       | 86       | 27.93  | cps   |
| Erbium     | 164-2 | 7        | 17       | 10       | 11       | 45.82  | cps   |
| Gadolinium | 160-1 | 175      | 100      | 158      | 144      | 27.27  | cps   |
| Gadolinium | 160-2 | 7        | 27       | 23       | 19       | 56.72  | cps   |
| Holmium    | 165-1 | 13871179 | 13574200 | 13747425 | 13730935 | 1.09   | cps   |
| Holmium    | 165-2 | 2576268  | 2710833  | 2533139  | 2606747  | 3.56   | cps   |
| Indium     | 115-1 | 10163313 | 9975061  | 10034396 | 10057590 | 0.96   | cps   |
| Indium     | 115-2 | 355682   | 375300   | 350270   | 360417   | 3.65   | cps   |
| Iron       | 56-2  | 14302    | 14046    | 14742    | 14363    | 2.45   | cps   |
| Iron       | 57-2  | 344      | 350      | 367      | 354      | 3.27   | cps   |
| Krypton    | 83-1  | 313      | 277      | 283      | 291      | 6.71   | cps   |
| Lead       | 206-1 | 32654    | 32202    | 31573    | 32143    | 1.69   | cps   |
| Lead       | 207-1 | 26350    | 26924    | 27068    | 26781    | 1.42   | cps   |
| Lead       | 208-1 | 125947   | 126047   | 124741   | 125578   | 0.58   | cps   |
| Lithium    | 6-1   | 1703461  | 1689154  | 1726944  | 1706519  | 1.12   | cps   |
| Magnesium  | 24-2  | 30642    | 29506    | 29331    | 29827    | 2.39   | cps   |

|                         |                      |                   |                     |
|-------------------------|----------------------|-------------------|---------------------|
| LB Number :             | LB97237              | Operator :        | Jaswal              |
| Lab Sample ID :         | J4353-12             | Instrumnet Name : | P8                  |
| Client Sample ID :      | 96-12-FL2-FRONT-RM-B | Dilution Factor : | 1                   |
| Date & Time Acquired :: | 2018-08-10 14:31:43  | DataFile Name :   | 044SMPL_P8081018-MS |

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|------------|-------|----------|----------|----------|----------|--------|-------|
| Manganese  | 55-2  | 2040     | 2077     | 2054     | 2057     | 0.90   | cps   |
| Molybdenum | 94-1  | 2092     | 1975     | 2067     | 2045     | 3.01   | cps   |
| Molybdenum | 95-1  | 642      | 617      | 642      | 633      | 2.28   | cps   |
| Molybdenum | 96-1  | 1175     | 1333     | 1033     | 1181     | 12.71  | cps   |
| Molybdenum | 97-1  | 475      | 475      | 475      | 475      | 0.00   | cps   |
| Molybdenum | 98-1  | 1258     | 1283     | 1108     | 1217     | 7.78   | cps   |
| Neodymium  | 150-1 | 47       | 40       | 33       | 40       | 16.68  | cps   |
| Neodymium  | 150-2 | 0        | 0        | 10       | 3        | 173.21 | cps   |
| Nickel     | 60-2  | 667      | 730      | 700      | 699      | 4.53   | cps   |
| Phosphorus | 31-2  | 175      | 183      | 192      | 183      | 4.55   | cps   |
| Potassium  | 39-2  | 8828     | 8444     | 8219     | 8497     | 3.62   | cps   |
| Rhodium    | 103-1 | 9393041  | 9100634  | 9248477  | 9247384  | 1.58   | cps   |
| Rhodium    | 103-2 | 2293670  | 2411302  | 2268341  | 2324438  | 3.28   | cps   |
| Scandium   | 45-1  | 5387267  | 5228773  | 5414719  | 5343586  | 1.88   | cps   |
| Scandium   | 45-2  | 34376    | 37290    | 35114    | 35593    | 4.26   | cps   |
| Selenium   | 77-2  | 0        | 0        | 0        | 0        | 0.00   | cps   |
| Selenium   | 78-2  | 4        | 0        | 4        | 2        | 86.60  | cps   |
| Selenium   | 82-1  | -5       | 26       | 23       | 15       | 114.77 | cps   |
| Silicon    | 28-1  | 3070994  | 3081314  | 3065820  | 3072710  | 0.26   | cps   |
| Silver     | 109-1 | 1000     | 992      | 1050     | 1014     | 3.11   | cps   |
| Silver     | 107-1 | 858      | 1025     | 1067     | 983      | 11.21  | cps   |
| Sodium     | 23-2  | 625075   | 622707   | 619478   | 622420   | 0.45   | cps   |
| Strontium  | 86-1  | 46372    | 45560    | 45920    | 45951    | 0.88   | cps   |
| Strontium  | 88-1  | 393029   | 393235   | 390182   | 392148   | 0.44   | cps   |
| Sulfur     | 34-1  | 333347   | 339490   | 336262   | 336366   | 0.91   | cps   |
| Terbium    | 159-1 | 14176213 | 13861740 | 14000396 | 14012783 | 1.12   | cps   |
| Terbium    | 159-2 | 2414479  | 2547518  | 2377316  | 2446438  | 3.66   | cps   |
| Thallium   | 203-1 | 467      | 458      | 433      | 453      | 3.83   | cps   |
| Thallium   | 205-1 | 1050     | 1133     | 1225     | 1136     | 7.71   | cps   |
| Tin        | 118-1 | 5493     | 4968     | 5401     | 5287     | 5.31   | cps   |
| Titanium   | 47-1  | 525      | 508      | 667      | 567      | 15.35  | cps   |
| Uranium    | 238-1 | 375      | 575      | 467      | 472      | 21.20  | cps   |
| Vanadium   | 51-2  | 40       | 37       | 53       | 43       | 20.34  | cps   |
| Yttrium    | 89-1  | 10147684 | 9877661  | 9866848  | 9964064  | 1.60   | cps   |
| Yttrium    | 89-2  | 258056   | 272595   | 253641   | 261431   | 3.79   | cps   |
| Zinc       | 66-2  | 4167     | 3851     | 3861     | 3960     | 4.55   | cps   |

|                         |                      |                   |                     |
|-------------------------|----------------------|-------------------|---------------------|
| LB Number :             | LB97237              | Operator :        | Jaswal              |
| Lab Sample ID :         | J4353-12             | Instrumnet Name : | P8                  |
| Client Sample ID :      | 96-12-FL2-FRONT-RM-B | Dilution Factor : | 1                   |
| Date & Time Acquired :: | 2018-08-10 14:31:43  | DataFile Name :   | 044SMPL_P8081018-MS |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|-----------|------|------|------|------|---------|--------|-------|
| Zirconium | 90-1 | 5285 | 5118 | 4626 | 5009    | 6.84   | cps   |
| Zirconium | 91-1 | 1083 | 1075 | 958  | 1039    | 6.73   | cps   |

|                         |                      |                   |                     |
|-------------------------|----------------------|-------------------|---------------------|
| LB Number :             | LB97237              | Operator :        | Jaswal              |
| Lab Sample ID :         | J4353-13             | Instrumnet Name : | P8                  |
| Client Sample ID :      | 96-13-FL2-BACK-RM-BR | Dilution Factor : | 1                   |
| Date & Time Acquired :: | 2018-08-10 14:35:03  | DataFile Name :   | 045SMPL_P8081018-MS |

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|------------|-------|----------|----------|----------|----------|--------|-------|
| Aluminium  | 27-2  | 265      | 208      | 268      | 247      | 13.76  | cps   |
| Antimony   | 121-1 | 3434     | 3084     | 3101     | 3206     | 6.16   | cps   |
| Arsenic    | 75-2  | 28       | 43       | 24       | 31       | 31.13  | cps   |
| Barium     | 135-1 | 34295    | 33343    | 32616    | 33418    | 2.52   | cps   |
| Barium     | 137-1 | 59326    | 60347    | 59132    | 59602    | 1.09   | cps   |
| Beryllium  | 9-1   | 189      | 133      | 156      | 159      | 17.56  | cps   |
| Bismuth    | 209-1 | 9636319  | 9618876  | 9312550  | 9522582  | 1.91   | cps   |
| Bismuth    | 209-2 | 2174469  | 2212536  | 2320224  | 2235743  | 3.38   | cps   |
| Boron      | 10-1  | 1742     | 1909     | 1642     | 1764     | 7.64   | cps   |
| Boron      | 11-1  | 8686     | 8428     | 8461     | 8525     | 1.65   | cps   |
| Cadmium    | 111-1 | 1683     | 1400     | 1457     | 1513     | 9.87   | cps   |
| Cadmium    | 106-1 | 2367     | 1934     | 2025     | 2109     | 10.83  | cps   |
| Cadmium    | 108-1 | 17       | 17       | 21       | 18       | 13.30  | cps   |
| Calcium    | 43-1  | 107099   | 105193   | 105713   | 106001   | 0.93   | cps   |
| Calcium    | 44-1  | 1835658  | 1795774  | 1769524  | 1800319  | 1.85   | cps   |
| Chromium   | 52-2  | 400      | 417      | 513      | 443      | 13.80  | cps   |
| Cobalt     | 59-2  | 107      | 127      | 110      | 114      | 9.36   | cps   |
| Copper     | 63-2  | 207233   | 208214   | 204815   | 206754   | 0.85   | cps   |
| Dysprosium | 156-1 | 75       | 83       | 50       | 69       | 24.98  | cps   |
| Dysprosium | 156-2 | 23       | 13       | 10       | 16       | 44.60  | cps   |
| Erbium     | 164-1 | 100      | 92       | 58       | 83       | 26.46  | cps   |
| Erbium     | 164-2 | 7        | 13       | 13       | 11       | 34.61  | cps   |
| Gadolinium | 160-1 | 92       | 117      | 142      | 117      | 21.43  | cps   |
| Gadolinium | 160-2 | 20       | 13       | 10       | 14       | 35.26  | cps   |
| Holmium    | 165-1 | 14012188 | 13893554 | 13732293 | 13879345 | 1.01   | cps   |
| Holmium    | 165-2 | 2597472  | 2599264  | 2723756  | 2640164  | 2.74   | cps   |
| Indium     | 115-1 | 10252292 | 10157171 | 10037223 | 10148895 | 1.06   | cps   |
| Indium     | 115-2 | 357872   | 362676   | 378986   | 366512   | 3.02   | cps   |
| Iron       | 56-2  | 19091    | 18986    | 19253    | 19110    | 0.70   | cps   |
| Iron       | 57-2  | 467      | 483      | 511      | 487      | 4.61   | cps   |
| Krypton    | 83-1  | 267      | 410      | 327      | 334      | 21.52  | cps   |
| Lead       | 206-1 | 22521    | 22982    | 21741    | 22415    | 2.80   | cps   |
| Lead       | 207-1 | 19126    | 19265    | 18898    | 19096    | 0.97   | cps   |
| Lead       | 208-1 | 88662    | 89163    | 86974    | 88266    | 1.30   | cps   |
| Lithium    | 6-1   | 1716543  | 1723135  | 1694980  | 1711552  | 0.86   | cps   |
| Magnesium  | 24-2  | 30442    | 30024    | 29698    | 30055    | 1.24   | cps   |

LB Number : LB97237 Operator : Jaswal  
 Lab Sample ID : J4353-13 Instrumnet Name : P8  
 Client Sample ID : 96-13-FL2-BACK-RM-BR Dilution Factor : 1  
 Date & Time Acquired :: 2018-08-10 14:35:03 DataFile Name : 045SMPL\_P8081018-MS

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD   | Units |
|------------|-------|----------|----------|----------|----------|----------|-------|
| Manganese  | 55-2  | 2634     | 2574     | 2484     | 2564     | 2.95     | cps   |
| Molybdenum | 94-1  | 1767     | 1584     | 1483     | 1611     | 8.92     | cps   |
| Molybdenum | 95-1  | 558      | 483      | 433      | 492      | 12.80    | cps   |
| Molybdenum | 96-1  | 775      | 908      | 825      | 836      | 8.06     | cps   |
| Molybdenum | 97-1  | 383      | 217      | 367      | 322      | 28.49    | cps   |
| Molybdenum | 98-1  | 992      | 900      | 1108     | 1000     | 10.44    | cps   |
| Neodymium  | 150-1 | 47       | 33       | 67       | 49       | 34.31    | cps   |
| Neodymium  | 150-2 | 7        | 0        | 3        | 3        | 100.05   | cps   |
| Nickel     | 60-2  | 793      | 897      | 783      | 824      | 7.61     | cps   |
| Phosphorus | 31-2  | 267      | 233      | 258      | 253      | 6.86     | cps   |
| Potassium  | 39-2  | 8703     | 8528     | 7986     | 8406     | 4.45     | cps   |
| Rhodium    | 103-1 | 9493658  | 9411800  | 9172783  | 9359414  | 1.78     | cps   |
| Rhodium    | 103-2 | 2304107  | 2308123  | 2459784  | 2357338  | 3.76     | cps   |
| Scandium   | 45-1  | 5394532  | 5542476  | 5315980  | 5417663  | 2.12     | cps   |
| Scandium   | 45-2  | 34502    | 34750    | 36845    | 35366    | 3.64     | cps   |
| Selenium   | 77-2  | 0        | 3        | 0        | 1        | 173.21   | cps   |
| Selenium   | 78-2  | 6        | 0        | 2        | 2        | 114.63   | cps   |
| Selenium   | 82-1  | 69       | -67      | -19      | -6       | -1222.45 | cps   |
| Silicon    | 28-1  | 3209874  | 3151466  | 3130351  | 3163897  | 1.30     | cps   |
| Silver     | 109-1 | 783      | 850      | 792      | 808      | 4.49     | cps   |
| Silver     | 107-1 | 792      | 1042     | 917      | 917      | 13.64    | cps   |
| Sodium     | 23-2  | 647588   | 645618   | 638310   | 643839   | 0.76     | cps   |
| Strontium  | 86-1  | 46564    | 45978    | 46539    | 46360    | 0.71     | cps   |
| Strontium  | 88-1  | 404222   | 399431   | 400875   | 401510   | 0.61     | cps   |
| Sulfur     | 34-1  | 337580   | 338124   | 334808   | 336837   | 0.53     | cps   |
| Terbium    | 159-1 | 14362208 | 14088369 | 13999616 | 14150064 | 1.34     | cps   |
| Terbium    | 159-2 | 2420940  | 2469472  | 2578118  | 2489510  | 3.23     | cps   |
| Thallium   | 203-1 | 417      | 392      | 350      | 386      | 8.72     | cps   |
| Thallium   | 205-1 | 1042     | 875      | 1000     | 972      | 8.92     | cps   |
| Tin        | 118-1 | 3100     | 3276     | 3142     | 3173     | 2.88     | cps   |
| Titanium   | 47-1  | 492      | 492      | 508      | 497      | 1.93     | cps   |
| Uranium    | 238-1 | 442      | 492      | 450      | 461      | 5.81     | cps   |
| Vanadium   | 51-2  | 40       | 73       | 50       | 54       | 31.42    | cps   |
| Yttrium    | 89-1  | 10122427 | 10061855 | 9924632  | 10036305 | 1.01     | cps   |
| Yttrium    | 89-2  | 260909   | 260537   | 274686   | 265377   | 3.04     | cps   |
| Zinc       | 66-2  | 3937     | 3937     | 3981     | 3952     | 0.63     | cps   |

|                         |                      |                   |                     |
|-------------------------|----------------------|-------------------|---------------------|
| LB Number :             | LB97237              | Operator :        | Jaswal              |
| Lab Sample ID :         | J4353-13             | Instrumnet Name : | P8                  |
| Client Sample ID :      | 96-13-FL2-BACK-RM-BR | Dilution Factor : | 1                   |
| Date & Time Acquired :: | 2018-08-10 14:35:03  | DataFile Name :   | 045SMPL_P8081018-MS |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|-----------|------|------|------|------|---------|--------|-------|
| Zirconium | 90-1 | 3692 | 3276 | 3076 | 3348    | 9.40   | cps   |
| Zirconium | 91-1 | 908  | 642  | 717  | 756     | 18.20  | cps   |

|                         |                      |                   |                     |
|-------------------------|----------------------|-------------------|---------------------|
| LB Number :             | LB97237              | Operator :        | Jaswal              |
| Lab Sample ID :         | J4353-14             | Instrumnet Name : | P8                  |
| Client Sample ID :      | 96-14-FL3-OUTSIDE-RM | Dilution Factor : | 1                   |
| Date & Time Acquired :: | 2018-08-10 14:38:24  | DataFile Name :   | 046SMPL_P8081018-MS |

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|------------|-------|----------|----------|----------|----------|--------|-------|
| Aluminium  | 27-2  | 73       | 88       | 95       | 85       | 13.48  | cps   |
| Antimony   | 121-1 | 2875     | 2809     | 2934     | 2873     | 2.18   | cps   |
| Arsenic    | 75-2  | 31       | 30       | 33       | 31       | 5.88   | cps   |
| Barium     | 135-1 | 45940    | 46232    | 45078    | 45750    | 1.31   | cps   |
| Barium     | 137-1 | 81451    | 80050    | 78039    | 79847    | 2.15   | cps   |
| Beryllium  | 9-1   | 217      | 94       | 167      | 159      | 38.58  | cps   |
| Bismuth    | 209-1 | 8917261  | 9091355  | 9221586  | 9076734  | 1.68   | cps   |
| Bismuth    | 209-2 | 2273724  | 2244108  | 2278533  | 2265455  | 0.82   | cps   |
| Boron      | 10-1  | 1350     | 1317     | 1217     | 1295     | 5.36   | cps   |
| Boron      | 11-1  | 5718     | 6035     | 6585     | 6113     | 7.18   | cps   |
| Cadmium    | 111-1 | 1223     | 1505     | 1504     | 1410     | 11.51  | cps   |
| Cadmium    | 106-1 | 1709     | 2109     | 2109     | 1975     | 11.69  | cps   |
| Cadmium    | 108-1 | 21       | 13       | 8        | 14       | 45.83  | cps   |
| Calcium    | 43-1  | 139015   | 139477   | 137384   | 138626   | 0.79   | cps   |
| Calcium    | 44-1  | 2343280  | 2319583  | 2293647  | 2318837  | 1.07   | cps   |
| Chromium   | 52-2  | 1563     | 1477     | 1640     | 1560     | 5.24   | cps   |
| Cobalt     | 59-2  | 207      | 170      | 170      | 182      | 11.62  | cps   |
| Copper     | 63-2  | 5414     | 5251     | 5271     | 5312     | 1.68   | cps   |
| Dysprosium | 156-1 | 25       | 25       | 0        | 17       | 86.60  | cps   |
| Dysprosium | 156-2 | 3        | 0        | 0        | 1        | 173.21 | cps   |
| Erbium     | 164-1 | 50       | 83       | 50       | 61       | 31.50  | cps   |
| Erbium     | 164-2 | 7        | 20       | 13       | 13       | 49.99  | cps   |
| Gadolinium | 160-1 | 67       | 50       | 92       | 69       | 30.20  | cps   |
| Gadolinium | 160-2 | 3        | 10       | 17       | 10       | 66.70  | cps   |
| Holmium    | 165-1 | 12957446 | 13455706 | 13381078 | 13264743 | 2.03   | cps   |
| Holmium    | 165-2 | 2662646  | 2642010  | 2656812  | 2653823  | 0.40   | cps   |
| Indium     | 115-1 | 9497105  | 9676763  | 9976293  | 9716720  | 2.49   | cps   |
| Indium     | 115-2 | 370935   | 363064   | 360466   | 364821   | 1.49   | cps   |
| Iron       | 56-2  | 6435     | 6413     | 5990     | 6279     | 3.99   | cps   |
| Iron       | 57-2  | 211      | 222      | 222      | 219      | 2.94   | cps   |
| Krypton    | 83-1  | 280      | 340      | 347      | 322      | 11.39  | cps   |
| Lead       | 206-1 | 1383     | 1217     | 1245     | 1282     | 6.97   | cps   |
| Lead       | 207-1 | 989      | 1095     | 1150     | 1078     | 7.59   | cps   |
| Lead       | 208-1 | 4817     | 4867     | 5184     | 4956     | 4.01   | cps   |
| Lithium    | 6-1   | 1621204  | 1647719  | 1664336  | 1644420  | 1.32   | cps   |
| Magnesium  | 24-2  | 46937    | 47530    | 46853    | 47107    | 0.78   | cps   |

|                         |                      |                   |                     |
|-------------------------|----------------------|-------------------|---------------------|
| LB Number :             | LB97237              | Operator :        | Jaswal              |
| Lab Sample ID :         | J4353-14             | Instrumnet Name : | P8                  |
| Client Sample ID :      | 96-14-FL3-OUTSIDE-RM | Dilution Factor : | 1                   |
| Date & Time Acquired :: | 2018-08-10 14:38:24  | DataFile Name :   | 046SMPL_P8081018-MS |

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD  | Units |
|------------|-------|----------|----------|----------|----------|---------|-------|
| Manganese  | 55-2  | 6545     | 6778     | 6565     | 6629     | 1.95    | cps   |
| Molybdenum | 94-1  | 1208     | 1125     | 1025     | 1120     | 8.20    | cps   |
| Molybdenum | 95-1  | 492      | 350      | 400      | 414      | 17.36   | cps   |
| Molybdenum | 96-1  | 692      | 692      | 642      | 675      | 4.28    | cps   |
| Molybdenum | 97-1  | 242      | 267      | 192      | 233      | 16.37   | cps   |
| Molybdenum | 98-1  | 717      | 692      | 742      | 717      | 3.49    | cps   |
| Neodymium  | 150-1 | 7        | 13       | 13       | 11       | 34.61   | cps   |
| Neodymium  | 150-2 | 0        | 0        | 0        | 0        | 0.00    | cps   |
| Nickel     | 60-2  | 1377     | 1277     | 1310     | 1321     | 3.85    | cps   |
| Phosphorus | 31-2  | 358      | 433      | 325      | 372      | 14.91   | cps   |
| Potassium  | 39-2  | 12014    | 12306    | 11747    | 12022    | 2.32    | cps   |
| Rhodium    | 103-1 | 8713661  | 8953254  | 8971119  | 8879345  | 1.62    | cps   |
| Rhodium    | 103-2 | 2389622  | 2325923  | 2329378  | 2348308  | 1.53    | cps   |
| Scandium   | 45-1  | 5050008  | 5114869  | 5210162  | 5125013  | 1.57    | cps   |
| Scandium   | 45-2  | 36464    | 35338    | 34810    | 35537    | 2.38    | cps   |
| Selenium   | 77-2  | 0        | 0        | 0        | 0        | 0.00    | cps   |
| Selenium   | 78-2  | 0        | 0        | 0        | 0        | 0.00    | cps   |
| Selenium   | 82-1  | 14       | -19      | -36      | -14      | -184.99 | cps   |
| Silicon    | 28-1  | 10391640 | 10473475 | 10375652 | 10413589 | 0.50    | cps   |
| Silver     | 109-1 | 600      | 617      | 667      | 628      | 5.53    | cps   |
| Silver     | 107-1 | 758      | 700      | 750      | 736      | 4.29    | cps   |
| Sodium     | 23-2  | 621728   | 611968   | 613837   | 615845   | 0.84    | cps   |
| Strontium  | 86-1  | 66646    | 64863    | 66135    | 65882    | 1.39    | cps   |
| Strontium  | 88-1  | 575067   | 576651   | 573141   | 574953   | 0.31    | cps   |
| Sulfur     | 34-1  | 322388   | 317049   | 317661   | 319033   | 0.92    | cps   |
| Terbium    | 159-1 | 13295406 | 13837739 | 13610896 | 13581347 | 2.01    | cps   |
| Terbium    | 159-2 | 2528983  | 2513678  | 2495854  | 2512838  | 0.66    | cps   |
| Thallium   | 203-1 | 308      | 358      | 350      | 339      | 7.91    | cps   |
| Thallium   | 205-1 | 942      | 883      | 808      | 878      | 7.62    | cps   |
| Tin        | 118-1 | 2359     | 2600     | 2409     | 2456     | 5.20    | cps   |
| Titanium   | 47-1  | 542      | 642      | 642      | 608      | 9.49    | cps   |
| Uranium    | 238-1 | 100      | 92       | 67       | 86       | 20.14   | cps   |
| Vanadium   | 51-2  | 23       | 37       | 13       | 24       | 47.91   | cps   |
| Yttrium    | 89-1  | 9360201  | 9715045  | 9780225  | 9618491  | 2.35    | cps   |
| Yttrium    | 89-2  | 267775   | 261887   | 262694   | 264119   | 1.21    | cps   |
| Zinc       | 66-2  | 2640     | 2750     | 2754     | 2715     | 2.38    | cps   |



|                         |                      |                   |                     |
|-------------------------|----------------------|-------------------|---------------------|
| LB Number :             | LB97237              | Operator :        | Jaswal              |
| Lab Sample ID :         | J4353-14             | Instrumnet Name : | P8                  |
| Client Sample ID :      | 96-14-FL3-OUTSIDE-RM | Dilution Factor : | 1                   |
| Date & Time Acquired :: | 2018-08-10 14:38:24  | DataFile Name :   | 046SMPL_P8081018-MS |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|-----------|------|------|------|------|---------|--------|-------|
| Zirconium | 90-1 | 2842 | 2500 | 2550 | 2631    | 7.02   | cps   |
| Zirconium | 91-1 | 567  | 608  | 667  | 614     | 8.18   | cps   |

|                         |                       |                   |                     |
|-------------------------|-----------------------|-------------------|---------------------|
| LB Number :             | LB97237               | Operator :        | Jaswal              |
| Lab Sample ID :         | J4353-15              | Instrumnet Name : | P8                  |
| Client Sample ID :      | 96-15-FL3-INSIDE-RM-V | Dilution Factor : | 1                   |
| Date & Time Acquired :: | 2018-08-10 14:41:44   | DataFile Name :   | 047SMPL_P8081018-MS |

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|------------|-------|----------|----------|----------|----------|--------|-------|
| Aluminium  | 27-2  | 63       | 85       | 60       | 69       | 19.90  | cps   |
| Antimony   | 121-1 | 2517     | 2350     | 2584     | 2484     | 4.84   | cps   |
| Arsenic    | 75-2  | 59       | 35       | 37       | 44       | 30.56  | cps   |
| Barium     | 135-1 | 40764    | 40522    | 40036    | 40441    | 0.92   | cps   |
| Barium     | 137-1 | 72021    | 72197    | 71745    | 71988    | 0.32   | cps   |
| Beryllium  | 9-1   | 150      | 178      | 172      | 167      | 8.82   | cps   |
| Bismuth    | 209-1 | 9475847  | 9353246  | 8781026  | 9203373  | 4.03   | cps   |
| Bismuth    | 209-2 | 2261030  | 2206889  | 2233121  | 2233680  | 1.21   | cps   |
| Boron      | 10-1  | 1442     | 1592     | 1642     | 1559     | 6.68   | cps   |
| Boron      | 11-1  | 7286     | 7035     | 7044     | 7122     | 2.00   | cps   |
| Cadmium    | 111-1 | 1479     | 1450     | 1362     | 1430     | 4.25   | cps   |
| Cadmium    | 106-1 | 2084     | 2042     | 1909     | 2011     | 4.55   | cps   |
| Cadmium    | 108-1 | 13       | 13       | 4        | 10       | 49.46  | cps   |
| Calcium    | 43-1  | 103068   | 105730   | 103740   | 104179   | 1.33   | cps   |
| Calcium    | 44-1  | 1758376  | 1780901  | 1764603  | 1767960  | 0.66   | cps   |
| Chromium   | 52-2  | 1057     | 1150     | 1193     | 1133     | 6.16   | cps   |
| Cobalt     | 59-2  | 263      | 293      | 253      | 270      | 7.71   | cps   |
| Copper     | 63-2  | 3757     | 3771     | 3480     | 3669     | 4.46   | cps   |
| Dysprosium | 156-1 | 33       | 25       | 8        | 22       | 57.29  | cps   |
| Dysprosium | 156-2 | 0        | 0        | 0        | 0        | 0.00   | cps   |
| Erbium     | 164-1 | 8        | 25       | 50       | 28       | 75.51  | cps   |
| Erbium     | 164-2 | 3        | 0        | 7        | 3        | 100.05 | cps   |
| Gadolinium | 160-1 | 83       | 125      | 58       | 89       | 37.89  | cps   |
| Gadolinium | 160-2 | 10       | 13       | 0        | 8        | 89.21  | cps   |
| Holmium    | 165-1 | 13791788 | 13700994 | 12790073 | 13427618 | 4.13   | cps   |
| Holmium    | 165-2 | 2614110  | 2581282  | 2586024  | 2593805  | 0.68   | cps   |
| Indium     | 115-1 | 10053650 | 9879826  | 9356632  | 9763369  | 3.72   | cps   |
| Indium     | 115-2 | 363178   | 359940   | 360708   | 361275   | 0.47   | cps   |
| Iron       | 56-2  | 5690     | 6335     | 6335     | 6120     | 6.08   | cps   |
| Iron       | 57-2  | 194      | 156      | 128      | 159      | 21.03  | cps   |
| Krypton    | 83-1  | 290      | 340      | 353      | 328      | 10.19  | cps   |
| Lead       | 206-1 | 950      | 878      | 922      | 917      | 3.97   | cps   |
| Lead       | 207-1 | 817      | 722      | 800      | 780      | 6.47   | cps   |
| Lead       | 208-1 | 3617     | 3600     | 3678     | 3632     | 1.13   | cps   |
| Lithium    | 6-1   | 1679881  | 1671630  | 1587242  | 1646251  | 3.11   | cps   |
| Magnesium  | 24-2  | 33966    | 32438    | 34301    | 33568    | 2.96   | cps   |

|                         |                       |                   |                     |
|-------------------------|-----------------------|-------------------|---------------------|
| LB Number :             | LB97237               | Operator :        | Jaswal              |
| Lab Sample ID :         | J4353-15              | Instrumnet Name : | P8                  |
| Client Sample ID :      | 96-15-FL3-INSIDE-RM-V | Dilution Factor : | 1                   |
| Date & Time Acquired :: | 2018-08-10 14:41:44   | DataFile Name :   | 047SMPL_P8081018-MS |

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD  | Units |
|------------|-------|----------|----------|----------|----------|---------|-------|
| Manganese  | 55-2  | 7059     | 7115     | 7292     | 7155     | 1.70    | cps   |
| Molybdenum | 94-1  | 1008     | 708      | 850      | 856      | 17.54   | cps   |
| Molybdenum | 95-1  | 233      | 400      | 250      | 294      | 31.17   | cps   |
| Molybdenum | 96-1  | 508      | 542      | 383      | 478      | 17.47   | cps   |
| Molybdenum | 97-1  | 183      | 217      | 267      | 222      | 18.88   | cps   |
| Molybdenum | 98-1  | 608      | 417      | 617      | 547      | 20.68   | cps   |
| Neodymium  | 150-1 | 7        | 27       | 20       | 18       | 57.27   | cps   |
| Neodymium  | 150-2 | 0        | 0        | 0        | 0        | 0.00    | cps   |
| Nickel     | 60-2  | 797      | 820      | 880      | 832      | 5.17    | cps   |
| Phosphorus | 31-2  | 292      | 250      | 325      | 289      | 13.01   | cps   |
| Potassium  | 39-2  | 8962     | 9362     | 9287     | 9203     | 2.31    | cps   |
| Rhodium    | 103-1 | 9196668  | 9177201  | 8533725  | 8969198  | 4.21    | cps   |
| Rhodium    | 103-2 | 2348324  | 2328809  | 2291909  | 2323014  | 1.23    | cps   |
| Scandium   | 45-1  | 5333846  | 5236411  | 4881142  | 5150466  | 4.63    | cps   |
| Scandium   | 45-2  | 35301    | 34543    | 34058    | 34634    | 1.81    | cps   |
| Selenium   | 77-2  | 0        | 0        | 0        | 0        | 0.00    | cps   |
| Selenium   | 78-2  | 2        | 0        | 0        | 1        | 173.21  | cps   |
| Selenium   | 82-1  | 27       | -56      | -29      | -19      | -221.93 | cps   |
| Silicon    | 28-1  | 5504185  | 5436826  | 5471984  | 5470998  | 0.62    | cps   |
| Silver     | 109-1 | 525      | 683      | 692      | 633      | 14.83   | cps   |
| Silver     | 107-1 | 567      | 642      | 717      | 642      | 11.69   | cps   |
| Sodium     | 23-2  | 619002   | 618716   | 615015   | 617578   | 0.36    | cps   |
| Strontium  | 86-1  | 52092    | 51181    | 48956    | 50743    | 3.18    | cps   |
| Strontium  | 88-1  | 439706   | 434812   | 434286   | 436268   | 0.69    | cps   |
| Sulfur     | 34-1  | 306729   | 309650   | 305750   | 307376   | 0.66    | cps   |
| Terbium    | 159-1 | 14059365 | 13968731 | 12977608 | 13668568 | 4.39    | cps   |
| Terbium    | 159-2 | 2504766  | 2453284  | 2471399  | 2476483  | 1.05    | cps   |
| Thallium   | 203-1 | 317      | 333      | 242      | 297      | 16.43   | cps   |
| Thallium   | 205-1 | 683      | 650      | 675      | 669      | 2.59    | cps   |
| Tin        | 118-1 | 2200     | 1884     | 1884     | 1989     | 9.19    | cps   |
| Titanium   | 47-1  | 850      | 767      | 633      | 750      | 14.57   | cps   |
| Uranium    | 238-1 | 75       | 42       | 50       | 56       | 31.22   | cps   |
| Vanadium   | 51-2  | 33       | 63       | 37       | 44       | 36.99   | cps   |
| Yttrium    | 89-1  | 9961389  | 9733322  | 9179415  | 9624709  | 4.18    | cps   |
| Yttrium    | 89-2  | 263375   | 258469   | 260021   | 260621   | 0.96    | cps   |
| Zinc       | 66-2  | 2064     | 2144     | 2077     | 2095     | 2.05    | cps   |

|                         |                       |                   |                     |
|-------------------------|-----------------------|-------------------|---------------------|
| LB Number :             | LB97237               | Operator :        | Jaswal              |
| Lab Sample ID :         | J4353-15              | Instrumnet Name : | P8                  |
| Client Sample ID :      | 96-15-FL3-INSIDE-RM-V | Dilution Factor : | 1                   |
| Date & Time Acquired :: | 2018-08-10 14:41:44   | DataFile Name :   | 047SMPL_P8081018-MS |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|-----------|------|------|------|------|---------|--------|-------|
| Zirconium | 90-1 | 2059 | 2100 | 1900 | 2020    | 5.23   | cps   |
| Zirconium | 91-1 | 517  | 483  | 458  | 486     | 6.02   | cps   |

LB Number : LB97237 Operator : Jaswal  
 Lab Sample ID : J4353-16 Instrumnet Name : P8  
 Client Sample ID : 96-16-FL4-HALLWAY-WC Dilution Factor : 1  
 Date & Time Acquired :: 2018-08-10 14:45:05 DataFile Name : 048SMPL\_P8081018-MS

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|------------|-------|----------|----------|----------|----------|--------|-------|
| Aluminium  | 27-2  | 68       | 85       | 53       | 68       | 23.81  | cps   |
| Antimony   | 121-1 | 2100     | 2325     | 2550     | 2325     | 9.68   | cps   |
| Arsenic    | 75-2  | 50       | 43       | 50       | 48       | 9.00   | cps   |
| Barium     | 135-1 | 32750    | 32232    | 32056    | 32346    | 1.11   | cps   |
| Barium     | 137-1 | 59042    | 58380    | 58162    | 58528    | 0.78   | cps   |
| Beryllium  | 9-1   | 128      | 111      | 156      | 131      | 17.07  | cps   |
| Bismuth    | 209-1 | 8824798  | 9347172  | 9526459  | 9232810  | 3.95   | cps   |
| Bismuth    | 209-2 | 2254242  | 2170980  | 2162680  | 2195967  | 2.31   | cps   |
| Boron      | 10-1  | 925      | 1267     | 1192     | 1128     | 15.92  | cps   |
| Boron      | 11-1  | 5701     | 5885     | 5635     | 5740     | 2.26   | cps   |
| Cadmium    | 111-1 | 1417     | 1391     | 1442     | 1417     | 1.78   | cps   |
| Cadmium    | 106-1 | 2025     | 1959     | 2042     | 2009     | 2.20   | cps   |
| Cadmium    | 108-1 | 13       | 13       | 0        | 8        | 86.60  | cps   |
| Calcium    | 43-1  | 109878   | 108450   | 106452   | 108260   | 1.59   | cps   |
| Calcium    | 44-1  | 1865386  | 1832331  | 1812237  | 1836651  | 1.46   | cps   |
| Chromium   | 52-2  | 1063     | 1067     | 1110     | 1080     | 2.41   | cps   |
| Cobalt     | 59-2  | 77       | 73       | 73       | 74       | 2.59   | cps   |
| Copper     | 63-2  | 6395     | 5918     | 6325     | 6213     | 4.14   | cps   |
| Dysprosium | 156-1 | 33       | 8        | 50       | 31       | 68.64  | cps   |
| Dysprosium | 156-2 | 10       | 0        | 7        | 6        | 91.64  | cps   |
| Erbium     | 164-1 | 33       | 25       | 33       | 31       | 15.74  | cps   |
| Erbium     | 164-2 | 7        | 17       | 0        | 8        | 107.84 | cps   |
| Gadolinium | 160-1 | 142      | 33       | 42       | 72       | 83.47  | cps   |
| Gadolinium | 160-2 | 10       | 13       | 13       | 12       | 15.73  | cps   |
| Holmium    | 165-1 | 12992249 | 13604034 | 13760100 | 13452127 | 3.02   | cps   |
| Holmium    | 165-2 | 2656725  | 2589148  | 2510373  | 2585415  | 2.83   | cps   |
| Indium     | 115-1 | 9546264  | 9897459  | 9982236  | 9808653  | 2.36   | cps   |
| Indium     | 115-2 | 361084   | 354710   | 350259   | 355351   | 1.53   | cps   |
| Iron       | 56-2  | 6302     | 6457     | 6557     | 6439     | 2.00   | cps   |
| Iron       | 57-2  | 167      | 189      | 133      | 163      | 17.16  | cps   |
| Krypton    | 83-1  | 330      | 363      | 303      | 332      | 9.05   | cps   |
| Lead       | 206-1 | 1033     | 878      | 1089     | 1000     | 10.94  | cps   |
| Lead       | 207-1 | 722      | 850      | 622      | 732      | 15.61  | cps   |
| Lead       | 208-1 | 3806     | 3695     | 3695     | 3732     | 1.72   | cps   |
| Lithium    | 6-1   | 1564237  | 1647100  | 1639793  | 1617043  | 2.84   | cps   |
| Magnesium  | 24-2  | 32722    | 32280    | 31628    | 32210    | 1.71   | cps   |

|                         |                      |                   |                     |
|-------------------------|----------------------|-------------------|---------------------|
| LB Number :             | LB97237              | Operator :        | Jaswal              |
| Lab Sample ID :         | J4353-16             | Instrumnet Name : | P8                  |
| Client Sample ID :      | 96-16-FL4-HALLWAY-WC | Dilution Factor : | 1                   |
| Date & Time Acquired :: | 2018-08-10 14:45:05  | DataFile Name :   | 048SMPL_P8081018-MS |

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD  | Units |
|------------|-------|----------|----------|----------|----------|---------|-------|
| Manganese  | 55-2  | 5151     | 5028     | 5028     | 5069     | 1.41    | cps   |
| Molybdenum | 94-1  | 942      | 867      | 817      | 875      | 7.19    | cps   |
| Molybdenum | 95-1  | 192      | 283      | 242      | 239      | 19.21   | cps   |
| Molybdenum | 96-1  | 442      | 425      | 458      | 442      | 3.77    | cps   |
| Molybdenum | 97-1  | 183      | 150      | 250      | 194      | 26.19   | cps   |
| Molybdenum | 98-1  | 650      | 625      | 458      | 578      | 18.03   | cps   |
| Neodymium  | 150-1 | 7        | 20       | 7        | 11       | 69.25   | cps   |
| Neodymium  | 150-2 | 3        | 3        | 0        | 2        | 86.60   | cps   |
| Nickel     | 60-2  | 1400     | 1287     | 1293     | 1327     | 4.79    | cps   |
| Phosphorus | 31-2  | 467      | 542      | 592      | 533      | 11.80   | cps   |
| Potassium  | 39-2  | 9045     | 9245     | 9779     | 9356     | 4.05    | cps   |
| Rhodium    | 103-1 | 8699093  | 9142877  | 9273944  | 9038638  | 3.33    | cps   |
| Rhodium    | 103-2 | 2330033  | 2281278  | 2246273  | 2285861  | 1.84    | cps   |
| Scandium   | 45-1  | 4945342  | 5186792  | 5271551  | 5134562  | 3.30    | cps   |
| Scandium   | 45-2  | 35201    | 33874    | 34025    | 34367    | 2.11    | cps   |
| Selenium   | 77-2  | 0        | 0        | 3        | 1        | 173.21  | cps   |
| Selenium   | 78-2  | 2        | 0        | 2        | 1        | 86.60   | cps   |
| Selenium   | 82-1  | -8       | -53      | 15       | -15      | -227.58 | cps   |
| Silicon    | 28-1  | 5912587  | 5888936  | 5842577  | 5881367  | 0.61    | cps   |
| Silver     | 109-1 | 392      | 458      | 550      | 467      | 17.04   | cps   |
| Silver     | 107-1 | 683      | 575      | 558      | 606      | 11.21   | cps   |
| Sodium     | 23-2  | 605728   | 599264   | 599514   | 601502   | 0.61    | cps   |
| Strontium  | 86-1  | 50369    | 50896    | 50168    | 50478    | 0.74    | cps   |
| Strontium  | 88-1  | 441486   | 434969   | 433664   | 436707   | 0.96    | cps   |
| Sulfur     | 34-1  | 329398   | 327710   | 327650   | 328253   | 0.30    | cps   |
| Terbium    | 159-1 | 13364681 | 13944442 | 14045157 | 13784760 | 2.66    | cps   |
| Terbium    | 159-2 | 2525754  | 2434351  | 2381707  | 2447271  | 2.98    | cps   |
| Thallium   | 203-1 | 208      | 308      | 283      | 267      | 19.51   | cps   |
| Thallium   | 205-1 | 600      | 642      | 650      | 631      | 4.25    | cps   |
| Tin        | 118-1 | 2125     | 2300     | 1984     | 2136     | 7.43    | cps   |
| Titanium   | 47-1  | 742      | 667      | 583      | 664      | 11.93   | cps   |
| Uranium    | 238-1 | 92       | 142      | 75       | 103      | 33.76   | cps   |
| Vanadium   | 51-2  | 50       | 27       | 30       | 36       | 35.49   | cps   |
| Yttrium    | 89-1  | 9384983  | 9800158  | 9922870  | 9702670  | 2.91    | cps   |
| Yttrium    | 89-2  | 259585   | 256196   | 251429   | 255737   | 1.60    | cps   |
| Zinc       | 66-2  | 2414     | 1970     | 2067     | 2150     | 10.84   | cps   |

|                         |                      |                   |                     |
|-------------------------|----------------------|-------------------|---------------------|
| LB Number :             | LB97237              | Operator :        | Jaswal              |
| Lab Sample ID :         | J4353-16             | Instrumnet Name : | P8                  |
| Client Sample ID :      | 96-16-FL4-HALLWAY-WC | Dilution Factor : | 1                   |
| Date & Time Acquired :: | 2018-08-10 14:45:05  | DataFile Name :   | 048SMPL_P8081018-MS |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|-----------|------|------|------|------|---------|--------|-------|
| Zirconium | 90-1 | 1784 | 1942 | 1959 | 1895    | 5.10   | cps   |
| Zirconium | 91-1 | 417  | 400  | 333  | 383     | 11.50  | cps   |

LB Number : LB97237 Operator : Jaswal  
 Lab Sample ID : J4353-17 Instrumnet Name : P8  
 Client Sample ID : 96-17-FL5-BACK-RM-WC Dilution Factor : 1  
 Date & Time Acquired :: 2018-08-10 14:48:25 DataFile Name : 049SMPL\_P8081018-MS

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|------------|-------|----------|----------|----------|----------|--------|-------|
| Aluminium  | 27-2  | 103      | 88       | 85       | 92       | 10.33  | cps   |
| Antimony   | 121-1 | 2342     | 2175     | 2559     | 2359     | 8.15   | cps   |
| Arsenic    | 75-2  | 70       | 94       | 74       | 80       | 16.28  | cps   |
| Barium     | 135-1 | 52589    | 51869    | 51459    | 51972    | 1.10   | cps   |
| Barium     | 137-1 | 92237    | 91163    | 92161    | 91854    | 0.65   | cps   |
| Beryllium  | 9-1   | 117      | 172      | 100      | 130      | 29.17  | cps   |
| Bismuth    | 209-1 | 9067062  | 8444916  | 9140961  | 8884313  | 4.30   | cps   |
| Bismuth    | 209-2 | 2219773  | 2293596  | 2158905  | 2224091  | 3.03   | cps   |
| Boron      | 10-1  | 2234     | 2275     | 2200     | 2236     | 1.68   | cps   |
| Boron      | 11-1  | 10312    | 10838    | 11355    | 10835    | 4.81   | cps   |
| Cadmium    | 111-1 | 1484     | 1127     | 1439     | 1350     | 14.40  | cps   |
| Cadmium    | 106-1 | 2067     | 1567     | 2017     | 1884     | 14.62  | cps   |
| Cadmium    | 108-1 | 13       | 4        | 8        | 8        | 49.98  | cps   |
| Calcium    | 43-1  | 130283   | 130040   | 128070   | 129464   | 0.94   | cps   |
| Calcium    | 44-1  | 2185466  | 2179460  | 2187104  | 2184010  | 0.18   | cps   |
| Chromium   | 52-2  | 733      | 880      | 943      | 852      | 12.64  | cps   |
| Cobalt     | 59-2  | 83       | 90       | 80       | 84       | 6.03   | cps   |
| Copper     | 63-2  | 5625     | 5264     | 5865     | 5585     | 5.41   | cps   |
| Dysprosium | 156-1 | 25       | 50       | 33       | 36       | 35.25  | cps   |
| Dysprosium | 156-2 | 10       | 10       | 0        | 7        | 86.60  | cps   |
| Erbium     | 164-1 | 75       | 83       | 125      | 94       | 28.37  | cps   |
| Erbium     | 164-2 | 17       | 23       | 17       | 19       | 20.36  | cps   |
| Gadolinium | 160-1 | 100      | 50       | 83       | 78       | 32.73  | cps   |
| Gadolinium | 160-2 | 23       | 17       | 23       | 21       | 18.21  | cps   |
| Holmium    | 165-1 | 13201774 | 12365105 | 13127330 | 12898070 | 3.59   | cps   |
| Holmium    | 165-2 | 2567474  | 2670500  | 2514066  | 2584013  | 3.08   | cps   |
| Indium     | 115-1 | 9579250  | 9032567  | 9626288  | 9412702  | 3.51   | cps   |
| Indium     | 115-2 | 354267   | 366852   | 344791   | 355304   | 3.11   | cps   |
| Iron       | 56-2  | 6413     | 6935     | 6963     | 6770     | 4.58   | cps   |
| Iron       | 57-2  | 183      | 194      | 172      | 183      | 6.06   | cps   |
| Krypton    | 83-1  | 300      | 357      | 280      | 312      | 12.74  | cps   |
| Lead       | 206-1 | 2478     | 2584     | 2317     | 2460     | 5.46   | cps   |
| Lead       | 207-1 | 2045     | 2067     | 2111     | 2074     | 1.64   | cps   |
| Lead       | 208-1 | 9663     | 9641     | 9630     | 9644     | 0.18   | cps   |
| Lithium    | 6-1   | 1605480  | 1494341  | 1616724  | 1572182  | 4.30   | cps   |
| Magnesium  | 24-2  | 37810    | 38403    | 38403    | 38205    | 0.90   | cps   |



|                         |                      |                   |                     |
|-------------------------|----------------------|-------------------|---------------------|
| LB Number :             | LB97237              | Operator :        | Jaswal              |
| Lab Sample ID :         | J4353-17             | Instrumnet Name : | P8                  |
| Client Sample ID :      | 96-17-FL5-BACK-RM-WC | Dilution Factor : | 1                   |
| Date & Time Acquired :: | 2018-08-10 14:48:25  | DataFile Name :   | 049SMPL_P8081018-MS |

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD  | Units |
|------------|-------|----------|----------|----------|----------|---------|-------|
| Manganese  | 55-2  | 7816     | 7559     | 7672     | 7682     | 1.68    | cps   |
| Molybdenum | 94-1  | 825      | 883      | 808      | 839      | 4.70    | cps   |
| Molybdenum | 95-1  | 283      | 258      | 225      | 256      | 11.45   | cps   |
| Molybdenum | 96-1  | 433      | 383      | 450      | 422      | 8.22    | cps   |
| Molybdenum | 97-1  | 225      | 250      | 200      | 225      | 11.11   | cps   |
| Molybdenum | 98-1  | 533      | 667      | 558      | 586      | 12.09   | cps   |
| Neodymium  | 150-1 | 53       | 47       | 13       | 38       | 56.74   | cps   |
| Neodymium  | 150-2 | 3        | 3        | 0        | 2        | 86.60   | cps   |
| Nickel     | 60-2  | 803      | 760      | 687      | 750      | 7.86    | cps   |
| Phosphorus | 31-2  | 767      | 617      | 600      | 661      | 13.88   | cps   |
| Potassium  | 39-2  | 11463    | 10471    | 11622    | 11185    | 5.58    | cps   |
| Rhodium    | 103-1 | 8738933  | 8214566  | 8775085  | 8576194  | 3.66    | cps   |
| Rhodium    | 103-2 | 2276022  | 2384257  | 2245658  | 2301979  | 3.16    | cps   |
| Scandium   | 45-1  | 5020431  | 4721784  | 4972125  | 4904780  | 3.27    | cps   |
| Scandium   | 45-2  | 33941    | 36120    | 33360    | 34474    | 4.22    | cps   |
| Selenium   | 77-2  | 0        | 0        | 0        | 0        | 0.00    | cps   |
| Selenium   | 78-2  | 2        | 0        | 2        | 1        | 86.60   | cps   |
| Selenium   | 82-1  | -2       | -53      | 35       | -7       | -640.65 | cps   |
| Silicon    | 28-1  | 11051616 | 10970425 | 10887268 | 10969770 | 0.75    | cps   |
| Silver     | 109-1 | 5410     | 5660     | 5393     | 5487     | 2.72    | cps   |
| Silver     | 107-1 | 5877     | 5735     | 5651     | 5754     | 1.98    | cps   |
| Sodium     | 23-2  | 553045   | 548262   | 549464   | 550257   | 0.45    | cps   |
| Strontium  | 86-1  | 71395    | 69553    | 70039    | 70329    | 1.36    | cps   |
| Strontium  | 88-1  | 613970   | 608719   | 605240   | 609310   | 0.72    | cps   |
| Sulfur     | 34-1  | 345462   | 345393   | 344077   | 344977   | 0.23    | cps   |
| Terbium    | 159-1 | 13410886 | 12628924 | 13492326 | 13177379 | 3.62    | cps   |
| Terbium    | 159-2 | 2433017  | 2540898  | 2382192  | 2452036  | 3.31    | cps   |
| Thallium   | 203-1 | 192      | 225      | 225      | 214      | 9.00    | cps   |
| Thallium   | 205-1 | 567      | 650      | 567      | 594      | 8.09    | cps   |
| Tin        | 118-1 | 1700     | 2000     | 1875     | 1859     | 8.11    | cps   |
| Titanium   | 47-1  | 1042     | 950      | 958      | 983      | 5.15    | cps   |
| Uranium    | 238-1 | 125      | 42       | 100      | 89       | 48.11   | cps   |
| Vanadium   | 51-2  | 27       | 7        | 17       | 17       | 59.99   | cps   |
| Yttrium    | 89-1  | 9393163  | 8940002  | 9398062  | 9243742  | 2.85    | cps   |
| Yttrium    | 89-2  | 254586   | 266587   | 249394   | 256855   | 3.43    | cps   |
| Zinc       | 66-2  | 5411     | 5184     | 5668     | 5421     | 4.46    | cps   |

|                         |                      |                   |                     |
|-------------------------|----------------------|-------------------|---------------------|
| LB Number :             | LB97237              | Operator :        | Jaswal              |
| Lab Sample ID :         | J4353-17             | Instrumnet Name : | P8                  |
| Client Sample ID :      | 96-17-FL5-BACK-RM-WC | Dilution Factor : | 1                   |
| Date & Time Acquired :: | 2018-08-10 14:48:25  | DataFile Name :   | 049SMPL_P8081018-MS |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|-----------|------|------|------|------|---------|--------|-------|
| Zirconium | 90-1 | 1842 | 1684 | 1642 | 1722    | 6.13   | cps   |
| Zirconium | 91-1 | 367  | 300  | 442  | 369     | 19.18  | cps   |

LB Number : LB97237 Operator : Jaswal  
 Lab Sample ID : J4353-18 Instrumnet Name : P8  
 Client Sample ID : 96-18-FL6-HALLWAY-WC Dilution Factor : 1  
 Date & Time Acquired :: 2018-08-10 14:51:45 DataFile Name : 050SMPL\_P8081018-MS

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|------------|-------|----------|----------|----------|----------|--------|-------|
| Aluminium  | 27-2  | 65       | 75       | 30       | 57       | 41.70  | cps   |
| Antimony   | 121-1 | 2392     | 2759     | 2592     | 2581     | 7.11   | cps   |
| Arsenic    | 75-2  | 65       | 69       | 70       | 68       | 4.16   | cps   |
| Barium     | 135-1 | 48013    | 45203    | 46591    | 46603    | 3.01   | cps   |
| Barium     | 137-1 | 81987    | 80982    | 79312    | 80761    | 1.67   | cps   |
| Beryllium  | 9-1   | 172      | 122      | 122      | 139      | 20.78  | cps   |
| Bismuth    | 209-1 | 9442643  | 9463483  | 9176475  | 9360867  | 1.71   | cps   |
| Bismuth    | 209-2 | 2177625  | 2207483  | 2154281  | 2179796  | 1.22   | cps   |
| Boron      | 10-1  | 1358     | 1308     | 1275     | 1314     | 3.19   | cps   |
| Boron      | 11-1  | 6143     | 6035     | 6443     | 6207     | 3.41   | cps   |
| Cadmium    | 111-1 | 1217     | 1446     | 1393     | 1352     | 8.86   | cps   |
| Cadmium    | 106-1 | 1734     | 2059     | 1959     | 1917     | 8.69   | cps   |
| Cadmium    | 108-1 | 13       | 17       | 4        | 11       | 57.27  | cps   |
| Calcium    | 43-1  | 136457   | 134707   | 132756   | 134640   | 1.38   | cps   |
| Calcium    | 44-1  | 2256606  | 2254018  | 2239001  | 2249875  | 0.42   | cps   |
| Chromium   | 52-2  | 820      | 683      | 697      | 733      | 10.28  | cps   |
| Cobalt     | 59-2  | 857      | 760      | 803      | 807      | 6.00   | cps   |
| Copper     | 63-2  | 12256    | 12542    | 12826    | 12541    | 2.27   | cps   |
| Dysprosium | 156-1 | 17       | 42       | 42       | 33       | 43.30  | cps   |
| Dysprosium | 156-2 | 0        | 10       | 3        | 4        | 114.60 | cps   |
| Erbium     | 164-1 | 50       | 42       | 42       | 44       | 10.82  | cps   |
| Erbium     | 164-2 | 13       | 13       | 0        | 9        | 86.60  | cps   |
| Gadolinium | 160-1 | 108      | 58       | 92       | 86       | 29.56  | cps   |
| Gadolinium | 160-2 | 13       | 13       | 10       | 12       | 15.73  | cps   |
| Holmium    | 165-1 | 13678295 | 13562258 | 13467292 | 13569282 | 0.78   | cps   |
| Holmium    | 165-2 | 2547090  | 2599690  | 2526836  | 2557872  | 1.47   | cps   |
| Indium     | 115-1 | 9915982  | 9825384  | 9788150  | 9843172  | 0.67   | cps   |
| Indium     | 115-2 | 350089   | 353261   | 346612   | 349987   | 0.95   | cps   |
| Iron       | 56-2  | 4067     | 3934     | 4084     | 4028     | 2.04   | cps   |
| Iron       | 57-2  | 106      | 117      | 150      | 124      | 18.64  | cps   |
| Krypton    | 83-1  | 387      | 280      | 293      | 320      | 18.16  | cps   |
| Lead       | 206-1 | 572      | 511      | 578      | 554      | 6.68   | cps   |
| Lead       | 207-1 | 556      | 483      | 606      | 548      | 11.21  | cps   |
| Lead       | 208-1 | 2617     | 2595     | 2495     | 2569     | 2.53   | cps   |
| Lithium    | 6-1   | 1642237  | 1629289  | 1635058  | 1635528  | 0.40   | cps   |
| Magnesium  | 24-2  | 39857    | 40308    | 39840    | 40002    | 0.66   | cps   |

|                         |                      |                   |                     |
|-------------------------|----------------------|-------------------|---------------------|
| LB Number :             | LB97237              | Operator :        | Jaswal              |
| Lab Sample ID :         | J4353-18             | Instrumnet Name : | P8                  |
| Client Sample ID :      | 96-18-FL6-HALLWAY-WC | Dilution Factor : | 1                   |
| Date & Time Acquired :: | 2018-08-10 14:51:45  | DataFile Name :   | 050SMPL_P8081018-MS |

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD  | Units |
|------------|-------|----------|----------|----------|----------|---------|-------|
| Manganese  | 55-2  | 44511    | 44544    | 44444    | 44500    | 0.11    | cps   |
| Molybdenum | 94-1  | 450      | 625      | 617      | 564      | 17.51   | cps   |
| Molybdenum | 95-1  | 258      | 217      | 225      | 233      | 9.45    | cps   |
| Molybdenum | 96-1  | 358      | 350      | 417      | 375      | 9.69    | cps   |
| Molybdenum | 97-1  | 125      | 183      | 133      | 147      | 21.43   | cps   |
| Molybdenum | 98-1  | 442      | 467      | 475      | 461      | 3.76    | cps   |
| Neodymium  | 150-1 | 27       | 20       | 13       | 20       | 33.35   | cps   |
| Neodymium  | 150-2 | 7        | 3        | 0        | 3        | 100.05  | cps   |
| Nickel     | 60-2  | 1337     | 1330     | 1247     | 1305     | 3.84    | cps   |
| Phosphorus | 31-2  | 875      | 725      | 617      | 739      | 17.56   | cps   |
| Potassium  | 39-2  | 13073    | 11997    | 12356    | 12475    | 4.39    | cps   |
| Rhodium    | 103-1 | 9091932  | 8970934  | 8868715  | 8977194  | 1.24    | cps   |
| Rhodium    | 103-2 | 2274574  | 2307569  | 2223895  | 2268679  | 1.86    | cps   |
| Scandium   | 45-1  | 5196275  | 5143278  | 5023023  | 5120858  | 1.73    | cps   |
| Scandium   | 45-2  | 33149    | 33948    | 33346    | 33481    | 1.24    | cps   |
| Selenium   | 77-2  | 3        | 0        | 0        | 1        | 173.21  | cps   |
| Selenium   | 78-2  | 0        | 0        | 4        | 1        | 173.21  | cps   |
| Selenium   | 82-1  | -97      | 11       | 13       | -24      | -260.08 | cps   |
| Silicon    | 28-1  | 11481167 | 11461354 | 11368256 | 11436926 | 0.53    | cps   |
| Silver     | 109-1 | 467      | 467      | 500      | 478      | 4.03    | cps   |
| Silver     | 107-1 | 467      | 508      | 592      | 522      | 12.19   | cps   |
| Sodium     | 23-2  | 592372   | 585501   | 587014   | 588296   | 0.61    | cps   |
| Strontium  | 86-1  | 65089    | 63557    | 64595    | 64414    | 1.21    | cps   |
| Strontium  | 88-1  | 568144   | 559809   | 555609   | 561187   | 1.14    | cps   |
| Sulfur     | 34-1  | 322454   | 322702   | 318860   | 321338   | 0.67    | cps   |
| Terbium    | 159-1 | 13949979 | 13953315 | 13825691 | 13909662 | 0.52    | cps   |
| Terbium    | 159-2 | 2426451  | 2434427  | 2434437  | 2431772  | 0.19    | cps   |
| Thallium   | 203-1 | 242      | 167      | 233      | 214      | 19.22   | cps   |
| Thallium   | 205-1 | 558      | 592      | 567      | 572      | 3.03    | cps   |
| Tin        | 118-1 | 1709     | 2009     | 1792     | 1836     | 8.43    | cps   |
| Titanium   | 47-1  | 975      | 767      | 958      | 900      | 12.86   | cps   |
| Uranium    | 238-1 | 75       | 108      | 83       | 89       | 19.52   | cps   |
| Vanadium   | 51-2  | 37       | 20       | 33       | 30       | 29.40   | cps   |
| Yttrium    | 89-1  | 9848193  | 9673603  | 9569110  | 9696968  | 1.45    | cps   |
| Yttrium    | 89-2  | 252861   | 254057   | 249759   | 252226   | 0.88    | cps   |
| Zinc       | 66-2  | 4011     | 4054     | 4187     | 4084     | 2.26    | cps   |

|                         |                      |                   |                     |
|-------------------------|----------------------|-------------------|---------------------|
| LB Number :             | LB97237              | Operator :        | Jaswal              |
| Lab Sample ID :         | J4353-18             | Instrumnet Name : | P8                  |
| Client Sample ID :      | 96-18-FL6-HALLWAY-WC | Dilution Factor : | 1                   |
| Date & Time Acquired :: | 2018-08-10 14:51:45  | DataFile Name :   | 050SMPL_P8081018-MS |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|-----------|------|------|------|------|---------|--------|-------|
| Zirconium | 90-1 | 1667 | 1592 | 1458 | 1572    | 6.71   | cps   |
| Zirconium | 91-1 | 300  | 383  | 283  | 322     | 16.63  | cps   |

|                         |                      |                   |                     |
|-------------------------|----------------------|-------------------|---------------------|
| LB Number :             | LB97237              | Operator :        | Jaswal              |
| Lab Sample ID :         | J4353-19             | Instrumnet Name : | P8                  |
| Client Sample ID :      | 96-19-FL7-HALLWAY-WC | Dilution Factor : | 1                   |
| Date & Time Acquired :: | 2018-08-10 14:55:05  | DataFile Name :   | 051SMPL_P8081018-MS |

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|------------|-------|----------|----------|----------|----------|--------|-------|
| Aluminium  | 27-2  | 75       | 60       | 73       | 69       | 11.62  | cps   |
| Antimony   | 121-1 | 2125     | 1875     | 2200     | 2067     | 8.23   | cps   |
| Arsenic    | 75-2  | 37       | 35       | 37       | 36       | 2.93   | cps   |
| Barium     | 135-1 | 58991    | 58655    | 57224    | 58290    | 1.61   | cps   |
| Barium     | 137-1 | 101320   | 103286   | 101597   | 102068   | 1.04   | cps   |
| Beryllium  | 9-1   | 117      | 111      | 117      | 115      | 2.79   | cps   |
| Bismuth    | 209-1 | 9458004  | 9160188  | 9321998  | 9313397  | 1.60   | cps   |
| Bismuth    | 209-2 | 2177024  | 2213445  | 2191525  | 2193998  | 0.84   | cps   |
| Boron      | 10-1  | 1492     | 1517     | 1517     | 1508     | 0.96   | cps   |
| Boron      | 11-1  | 7102     | 7119     | 6335     | 6852     | 6.53   | cps   |
| Cadmium    | 111-1 | 1419     | 1390     | 1350     | 1386     | 2.51   | cps   |
| Cadmium    | 106-1 | 1992     | 1959     | 1917     | 1956     | 1.92   | cps   |
| Cadmium    | 108-1 | 13       | 8        | 13       | 11       | 21.67  | cps   |
| Calcium    | 43-1  | 133008   | 129222   | 132152   | 131460   | 1.51   | cps   |
| Calcium    | 44-1  | 2234352  | 2188487  | 2223331  | 2215390  | 1.08   | cps   |
| Chromium   | 52-2  | 827      | 813      | 863      | 834      | 3.10   | cps   |
| Cobalt     | 59-2  | 60       | 87       | 27       | 58       | 52.03  | cps   |
| Copper     | 63-2  | 2164     | 2334     | 2380     | 2292     | 4.98   | cps   |
| Dysprosium | 156-1 | 17       | 25       | 25       | 22       | 21.64  | cps   |
| Dysprosium | 156-2 | 3        | 0        | 0        | 1        | 173.21 | cps   |
| Erbium     | 164-1 | 58       | 25       | 83       | 56       | 52.68  | cps   |
| Erbium     | 164-2 | 3        | 17       | 3        | 8        | 99.04  | cps   |
| Gadolinium | 160-1 | 83       | 92       | 58       | 78       | 22.30  | cps   |
| Gadolinium | 160-2 | 0        | 0        | 0        | 0        | 0.00   | cps   |
| Holmium    | 165-1 | 13773842 | 13546576 | 13493052 | 13604490 | 1.10   | cps   |
| Holmium    | 165-2 | 2558964  | 2567704  | 2551306  | 2559325  | 0.32   | cps   |
| Indium     | 115-1 | 10033413 | 9739313  | 9809235  | 9860654  | 1.56   | cps   |
| Indium     | 115-2 | 350927   | 353946   | 346993   | 350622   | 0.99   | cps   |
| Iron       | 56-2  | 4273     | 4001     | 4078     | 4117     | 3.41   | cps   |
| Iron       | 57-2  | 106      | 156      | 133      | 131      | 19.05  | cps   |
| Krypton    | 83-1  | 327      | 337      | 327      | 330      | 1.75   | cps   |
| Lead       | 206-1 | 2189     | 2384     | 2439     | 2337     | 5.62   | cps   |
| Lead       | 207-1 | 1889     | 1967     | 2000     | 1952     | 2.92   | cps   |
| Lead       | 208-1 | 8601     | 9129     | 9218     | 8983     | 3.71   | cps   |
| Lithium    | 6-1   | 1638683  | 1585257  | 1630904  | 1618281  | 1.78   | cps   |
| Magnesium  | 24-2  | 45357    | 46903    | 45800    | 46020    | 1.73   | cps   |

|                         |                      |                   |                     |
|-------------------------|----------------------|-------------------|---------------------|
| LB Number :             | LB97237              | Operator :        | Jaswal              |
| Lab Sample ID :         | J4353-19             | Instrumnet Name : | P8                  |
| Client Sample ID :      | 96-19-FL7-HALLWAY-WC | Dilution Factor : | 1                   |
| Date & Time Acquired :: | 2018-08-10 14:55:05  | DataFile Name :   | 051SMPL_P8081018-MS |

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|------------|-------|----------|----------|----------|----------|--------|-------|
| Manganese  | 55-2  | 1053     | 970      | 1063     | 1029     | 4.98   | cps   |
| Molybdenum | 94-1  | 783      | 758      | 875      | 806      | 7.63   | cps   |
| Molybdenum | 95-1  | 217      | 267      | 100      | 194      | 43.99  | cps   |
| Molybdenum | 96-1  | 342      | 350      | 367      | 353      | 3.61   | cps   |
| Molybdenum | 97-1  | 167      | 125      | 150      | 147      | 14.24  | cps   |
| Molybdenum | 98-1  | 542      | 525      | 567      | 544      | 3.85   | cps   |
| Neodymium  | 150-1 | 13       | 20       | 27       | 20       | 33.35  | cps   |
| Neodymium  | 150-2 | 0        | 3        | 0        | 1        | 173.21 | cps   |
| Nickel     | 60-2  | 393      | 390      | 387      | 390      | 0.86   | cps   |
| Phosphorus | 31-2  | 275      | 292      | 358      | 308      | 14.30  | cps   |
| Potassium  | 39-2  | 13490    | 13148    | 12965    | 13201    | 2.02   | cps   |
| Rhodium    | 103-1 | 9201445  | 8960342  | 8956099  | 9039296  | 1.55   | cps   |
| Rhodium    | 103-2 | 2270837  | 2283129  | 2273445  | 2275803  | 0.28   | cps   |
| Scandium   | 45-1  | 5148621  | 5097977  | 5121694  | 5122764  | 0.49   | cps   |
| Scandium   | 45-2  | 33984    | 34242    | 33269    | 33832    | 1.49   | cps   |
| Selenium   | 77-2  | 0        | 0        | 0        | 0        | 0.00   | cps   |
| Selenium   | 78-2  | 2        | 0        | 4        | 2        | 100.00 | cps   |
| Selenium   | 82-1  | -25      | -54      | -48      | -42      | -35.37 | cps   |
| Silicon    | 28-1  | 8402104  | 8426480  | 8400572  | 8409719  | 0.17   | cps   |
| Silver     | 109-1 | 608      | 467      | 542      | 539      | 13.15  | cps   |
| Silver     | 107-1 | 675      | 667      | 542      | 628      | 11.90  | cps   |
| Sodium     | 23-2  | 630315   | 621698   | 625679   | 625897   | 0.69   | cps   |
| Strontium  | 86-1  | 70047    | 71738    | 71027    | 70937    | 1.20   | cps   |
| Strontium  | 88-1  | 608302   | 607391   | 607691   | 607795   | 0.08   | cps   |
| Sulfur     | 34-1  | 290460   | 292951   | 290326   | 291246   | 0.51   | cps   |
| Terbium    | 159-1 | 14018624 | 13926727 | 13637697 | 13861016 | 1.43   | cps   |
| Terbium    | 159-2 | 2457708  | 2450949  | 2392805  | 2433820  | 1.47   | cps   |
| Thallium   | 203-1 | 200      | 208      | 225      | 211      | 6.03   | cps   |
| Thallium   | 205-1 | 625      | 567      | 467      | 553      | 14.49  | cps   |
| Tin        | 118-1 | 1575     | 1659     | 1709     | 1647     | 4.09   | cps   |
| Titanium   | 47-1  | 642      | 500      | 525      | 556      | 13.61  | cps   |
| Uranium    | 238-1 | 67       | 17       | 33       | 39       | 65.47  | cps   |
| Vanadium   | 51-2  | 47       | 27       | 47       | 40       | 28.87  | cps   |
| Yttrium    | 89-1  | 9753865  | 9536147  | 9573814  | 9621275  | 1.21   | cps   |
| Yttrium    | 89-2  | 252891   | 253274   | 248583   | 251583   | 1.04   | cps   |
| Zinc       | 66-2  | 1897     | 1937     | 1733     | 1856     | 5.81   | cps   |

|                         |                      |                   |                     |
|-------------------------|----------------------|-------------------|---------------------|
| LB Number :             | LB97237              | Operator :        | Jaswal              |
| Lab Sample ID :         | J4353-19             | Instrumnet Name : | P8                  |
| Client Sample ID :      | 96-19-FL7-HALLWAY-WC | Dilution Factor : | 1                   |
| Date & Time Acquired :: | 2018-08-10 14:55:05  | DataFile Name :   | 051SMPL_P8081018-MS |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|-----------|------|------|------|------|---------|--------|-------|
| Zirconium | 90-1 | 1467 | 1517 | 1533 | 1506    | 2.30   | cps   |
| Zirconium | 91-1 | 308  | 367  | 342  | 339     | 8.64   | cps   |



|                         |                      |                   |                     |
|-------------------------|----------------------|-------------------|---------------------|
| LB Number :             | LB97237              | Operator :        | Jaswal              |
| Lab Sample ID :         | J4353-20             | Instrumnet Name : | P8                  |
| Client Sample ID :      | 96-20-FL7-BACK-RM-BR | Dilution Factor : | 1                   |
| Date & Time Acquired :: | 2018-08-10 14:58:25  | DataFile Name :   | 052SMPL_P8081018-MS |

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|------------|-------|----------|----------|----------|----------|--------|-------|
| Aluminium  | 27-2  | 65       | 83       | 73       | 73       | 11.97  | cps   |
| Antimony   | 121-1 | 9312     | 9546     | 9787     | 9548     | 2.49   | cps   |
| Arsenic    | 75-2  | 31       | 20       | 20       | 24       | 26.65  | cps   |
| Barium     | 135-1 | 35732    | 33510    | 33493    | 34245    | 3.76   | cps   |
| Barium     | 137-1 | 61200    | 59618    | 59744    | 60188    | 1.46   | cps   |
| Beryllium  | 9-1   | 128      | 106      | 100      | 111      | 13.23  | cps   |
| Bismuth    | 209-1 | 9290212  | 8445660  | 9198413  | 8978095  | 5.16   | cps   |
| Bismuth    | 209-2 | 2243742  | 2249099  | 2137254  | 2210031  | 2.85   | cps   |
| Boron      | 10-1  | 1242     | 1075     | 1175     | 1164     | 7.21   | cps   |
| Boron      | 11-1  | 5276     | 5526     | 5009     | 5271     | 4.90   | cps   |
| Cadmium    | 111-1 | 1618     | 1336     | 1598     | 1517     | 10.37  | cps   |
| Cadmium    | 106-1 | 2209     | 1800     | 2117     | 2042     | 10.49  | cps   |
| Cadmium    | 108-1 | 17       | 17       | 13       | 15       | 15.76  | cps   |
| Calcium    | 43-1  | 95650    | 97386    | 93403    | 95480    | 2.09   | cps   |
| Calcium    | 44-1  | 1643468  | 1629418  | 1630511  | 1634466  | 0.48   | cps   |
| Chromium   | 52-2  | 380      | 387      | 407      | 391      | 3.55   | cps   |
| Cobalt     | 59-2  | 207      | 180      | 160      | 182      | 12.85  | cps   |
| Copper     | 63-2  | 401175   | 396465   | 398985   | 398875   | 0.59   | cps   |
| Dysprosium | 156-1 | 50       | 42       | 17       | 36       | 48.03  | cps   |
| Dysprosium | 156-2 | 3        | 10       | 0        | 4        | 114.60 | cps   |
| Erbium     | 164-1 | 83       | 58       | 83       | 75       | 19.24  | cps   |
| Erbium     | 164-2 | 10       | 0        | 3        | 4        | 114.60 | cps   |
| Gadolinium | 160-1 | 58       | 67       | 117      | 81       | 39.16  | cps   |
| Gadolinium | 160-2 | 17       | 10       | 7        | 11       | 45.82  | cps   |
| Holmium    | 165-1 | 13505436 | 12436423 | 13555436 | 13165765 | 4.80   | cps   |
| Holmium    | 165-2 | 2615683  | 2650881  | 2536460  | 2601008  | 2.25   | cps   |
| Indium     | 115-1 | 9867962  | 9093200  | 9926615  | 9629259  | 4.83   | cps   |
| Indium     | 115-2 | 362527   | 356569   | 349035   | 356044   | 1.90   | cps   |
| Iron       | 56-2  | 10494    | 9848     | 9815     | 10052    | 3.81   | cps   |
| Iron       | 57-2  | 306      | 217      | 211      | 244      | 21.68  | cps   |
| Krypton    | 83-1  | 303      | 303      | 307      | 304      | 0.63   | cps   |
| Lead       | 206-1 | 9598     | 9710     | 9198     | 9502     | 2.83   | cps   |
| Lead       | 207-1 | 8136     | 7953     | 7825     | 7971     | 1.96   | cps   |
| Lead       | 208-1 | 38012    | 37556    | 37223    | 37597    | 1.05   | cps   |
| Lithium    | 6-1   | 1617745  | 1528038  | 1617656  | 1587813  | 3.26   | cps   |
| Magnesium  | 24-2  | 27361    | 27152    | 26559    | 27024    | 1.54   | cps   |

|                         |                      |                   |                     |
|-------------------------|----------------------|-------------------|---------------------|
| LB Number :             | LB97237              | Operator :        | Jaswal              |
| Lab Sample ID :         | J4353-20             | Instrumnet Name : | P8                  |
| Client Sample ID :      | 96-20-FL7-BACK-RM-BR | Dilution Factor : | 1                   |
| Date & Time Acquired :: | 2018-08-10 14:58:25  | DataFile Name :   | 052SMPL_P8081018-MS |

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|------------|-------|----------|----------|----------|----------|--------|-------|
| Manganese  | 55-2  | 1167     | 1183     | 1100     | 1150     | 3.83   | cps   |
| Molybdenum | 94-1  | 617      | 833      | 917      | 789      | 19.63  | cps   |
| Molybdenum | 95-1  | 200      | 208      | 342      | 250      | 31.80  | cps   |
| Molybdenum | 96-1  | 367      | 442      | 317      | 375      | 16.78  | cps   |
| Molybdenum | 97-1  | 167      | 217      | 183      | 189      | 13.48  | cps   |
| Molybdenum | 98-1  | 558      | 500      | 517      | 525      | 5.72   | cps   |
| Neodymium  | 150-1 | 0        | 27       | 47       | 24       | 95.78  | cps   |
| Neodymium  | 150-2 | 3        | 3        | 3        | 3        | 0.00   | cps   |
| Nickel     | 60-2  | 5495     | 5418     | 5478     | 5463     | 0.74   | cps   |
| Phosphorus | 31-2  | 58       | 117      | 75       | 83       | 36.05  | cps   |
| Potassium  | 39-2  | 8211     | 7035     | 7811     | 7686     | 7.78   | cps   |
| Rhodium    | 103-1 | 8971325  | 8348406  | 9034947  | 8784892  | 4.32   | cps   |
| Rhodium    | 103-2 | 2329018  | 2328495  | 2255593  | 2304369  | 1.83   | cps   |
| Scandium   | 45-1  | 5098248  | 4600370  | 5066003  | 4921540  | 5.66   | cps   |
| Scandium   | 45-2  | 35435    | 34987    | 33828    | 34750    | 2.39   | cps   |
| Selenium   | 77-2  | 0        | 0        | 3        | 1        | 173.21 | cps   |
| Selenium   | 78-2  | 2        | 2        | 4        | 2        | 43.30  | cps   |
| Selenium   | 82-1  | 39       | 11       | 13       | 21       | 72.34  | cps   |
| Silicon    | 28-1  | 3378026  | 3399765  | 3323734  | 3367175  | 1.16   | cps   |
| Silver     | 109-1 | 783      | 700      | 733      | 739      | 5.68   | cps   |
| Silver     | 107-1 | 733      | 717      | 750      | 733      | 2.27   | cps   |
| Sodium     | 23-2  | 570793   | 556518   | 559898   | 562403   | 1.33   | cps   |
| Strontium  | 86-1  | 42601    | 43228    | 43169    | 42999    | 0.81   | cps   |
| Strontium  | 88-1  | 365990   | 367632   | 360572   | 364731   | 1.01   | cps   |
| Sulfur     | 34-1  | 314115   | 314895   | 314274   | 314428   | 0.13   | cps   |
| Terbium    | 159-1 | 13695244 | 12860567 | 13795137 | 13450316 | 3.82   | cps   |
| Terbium    | 159-2 | 2489245  | 2477416  | 2397691  | 2454784  | 2.03   | cps   |
| Thallium   | 203-1 | 342      | 217      | 292      | 283      | 22.20  | cps   |
| Thallium   | 205-1 | 708      | 633      | 783      | 708      | 10.59  | cps   |
| Tin        | 118-1 | 5243     | 4868     | 4959     | 5023     | 3.89   | cps   |
| Titanium   | 47-1  | 267      | 400      | 350      | 339      | 19.88  | cps   |
| Uranium    | 238-1 | 258      | 225      | 167      | 217      | 21.41  | cps   |
| Vanadium   | 51-2  | 27       | 23       | 37       | 29       | 24.03  | cps   |
| Yttrium    | 89-1  | 9668278  | 8961561  | 9574947  | 9401595  | 4.08   | cps   |
| Yttrium    | 89-2  | 260640   | 256590   | 252635   | 256622   | 1.56   | cps   |
| Zinc       | 66-2  | 40790    | 40589    | 40703    | 40694    | 0.25   | cps   |

|                         |                      |                   |                     |
|-------------------------|----------------------|-------------------|---------------------|
| LB Number :             | LB97237              | Operator :        | Jaswal              |
| Lab Sample ID :         | J4353-20             | Instrumnet Name : | P8                  |
| Client Sample ID :      | 96-20-FL7-BACK-RM-BR | Dilution Factor : | 1                   |
| Date & Time Acquired :: | 2018-08-10 14:58:25  | DataFile Name :   | 052SMPL_P8081018-MS |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|-----------|------|------|------|------|---------|--------|-------|
| Zirconium | 90-1 | 1784 | 1550 | 1609 | 1647    | 7.37   | cps   |
| Zirconium | 91-1 | 358  | 358  | 317  | 344     | 6.98   | cps   |

|                         |                     |                   |                      |
|-------------------------|---------------------|-------------------|----------------------|
| LB Number :             | LB97237             | Operator :        | Jaswal               |
| Lab Sample ID :         | CCV93               | Instrumnet Name : | P8                   |
| Client Sample ID :      | CCV93               | Dilution Factor : | 1                    |
| Date & Time Acquired :: | 2018-08-10 15:01:45 | DataFile Name :   | 053CCV_P8081018-MS.I |

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|------------|-------|----------|----------|----------|----------|--------|-------|
| Aluminium  | 27-2  | 262938   | 262385   | 265033   | 263452   | 0.53   | cps   |
| Antimony   | 121-1 | 4311307  | 4301768  | 4394876  | 4335984  | 1.18   | cps   |
| Arsenic    | 75-2  | 40244    | 39993    | 39917    | 40051    | 0.43   | cps   |
| Barium     | 135-1 | 4743962  | 4779045  | 4729070  | 4750692  | 0.54   | cps   |
| Barium     | 137-1 | 8267676  | 8254300  | 8314873  | 8278950  | 0.38   | cps   |
| Beryllium  | 9-1   | 524058   | 529662   | 526742   | 526821   | 0.53   | cps   |
| Bismuth    | 209-1 | 8214068  | 8225037  | 8091913  | 8177006  | 0.90   | cps   |
| Bismuth    | 209-2 | 1983196  | 1983511  | 1928519  | 1965075  | 1.61   | cps   |
| Boron      | 10-1  | 58956    | 63214    | 62789    | 61653    | 3.80   | cps   |
| Boron      | 11-1  | 284631   | 290500   | 297262   | 290797   | 2.17   | cps   |
| Cadmium    | 111-1 | 902860   | 903384   | 903397   | 903214   | 0.03   | cps   |
| Cadmium    | 106-1 | 99818    | 99281    | 97232    | 98777    | 1.38   | cps   |
| Cadmium    | 108-1 | 65898    | 64328    | 64416    | 64881    | 1.36   | cps   |
| Calcium    | 43-1  | 4394188  | 4436124  | 4448903  | 4426405  | 0.65   | cps   |
| Calcium    | 44-1  | 71730547 | 72287860 | 71870977 | 71963128 | 0.40   | cps   |
| Chromium   | 52-2  | 350081   | 349767   | 352866   | 350905   | 0.49   | cps   |
| Cobalt     | 59-2  | 741431   | 741637   | 742598   | 741889   | 0.08   | cps   |
| Copper     | 63-2  | 1248060  | 1238862  | 1244712  | 1243878  | 0.37   | cps   |
| Dysprosium | 156-1 | 75       | 83       | 125      | 94       | 28.37  | cps   |
| Dysprosium | 156-2 | 7        | 13       | 17       | 12       | 41.65  | cps   |
| Erbium     | 164-1 | 25       | 75       | 17       | 39       | 81.12  | cps   |
| Erbium     | 164-2 | 10       | 13       | 7        | 10       | 33.30  | cps   |
| Gadolinium | 160-1 | 125      | 92       | 150      | 122      | 23.95  | cps   |
| Gadolinium | 160-2 | 17       | 13       | 13       | 14       | 13.35  | cps   |
| Holmium    | 165-1 | 12840030 | 12852425 | 12782744 | 12825066 | 0.29   | cps   |
| Holmium    | 165-2 | 2519091  | 2508232  | 2478442  | 2501922  | 0.84   | cps   |
| Indium     | 115-1 | 9026825  | 8980063  | 9018902  | 9008597  | 0.28   | cps   |
| Indium     | 115-2 | 340345   | 335586   | 334660   | 336864   | 0.91   | cps   |
| Iron       | 56-2  | 57700293 | 57549535 | 57804825 | 57684884 | 0.22   | cps   |
| Iron       | 57-2  | 1457723  | 1463448  | 1475196  | 1465456  | 0.61   | cps   |
| Krypton    | 83-1  | 353      | 330      | 363      | 349      | 4.90   | cps   |
| Lead       | 206-1 | 3218017  | 3212552  | 3172007  | 3200859  | 0.79   | cps   |
| Lead       | 207-1 | 2954171  | 2904039  | 2928545  | 2928918  | 0.86   | cps   |
| Lead       | 208-1 | 13160852 | 13102333 | 12992183 | 13085123 | 0.65   | cps   |
| Lithium    | 6-1   | 1491023  | 1514723  | 1512228  | 1505991  | 0.86   | cps   |
| Magnesium  | 24-2  | 6174034  | 6100266  | 6195182  | 6156494  | 0.81   | cps   |

|                         |                     |                   |                      |
|-------------------------|---------------------|-------------------|----------------------|
| LB Number :             | LB97237             | Operator :        | Jaswal               |
| Lab Sample ID :         | CCV93               | Instrumnet Name : | P8                   |
| Client Sample ID :      | CCV93               | Dilution Factor : | 1                    |
| Date & Time Acquired :: | 2018-08-10 15:01:45 | DataFile Name :   | 053CCV_P8081018-MS.I |

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|------------|-------|----------|----------|----------|----------|--------|-------|
| Manganese  | 55-2  | 190584   | 190665   | 192529   | 191259   | 0.58   | cps   |
| Molybdenum | 94-1  | 7321203  | 7323137  | 7410502  | 7351614  | 0.69   | cps   |
| Molybdenum | 95-1  | 9047667  | 9030197  | 9009072  | 9028979  | 0.21   | cps   |
| Molybdenum | 96-1  | 10048824 | 10038756 | 10093214 | 10060265 | 0.29   | cps   |
| Molybdenum | 97-1  | 5665866  | 5696875  | 5754353  | 5705698  | 0.79   | cps   |
| Molybdenum | 98-1  | 14498818 | 14598838 | 14522956 | 14540204 | 0.36   | cps   |
| Neodymium  | 150-1 | 247      | 187      | 233      | 222      | 14.18  | cps   |
| Neodymium  | 150-2 | 3        | 7        | 10       | 7        | 50.03  | cps   |
| Nickel     | 60-2  | 217094   | 216458   | 220488   | 218013   | 0.99   | cps   |
| Phosphorus | 31-2  | 3276     | 3042     | 3242     | 3187     | 3.96   | cps   |
| Potassium  | 39-2  | 1565235  | 1549147  | 1564813  | 1559732  | 0.59   | cps   |
| Rhodium    | 103-1 | 8123925  | 8190752  | 8019107  | 8111261  | 1.07   | cps   |
| Rhodium    | 103-2 | 2113425  | 2097207  | 2075011  | 2095214  | 0.92   | cps   |
| Scandium   | 45-1  | 4993099  | 5085995  | 4951354  | 5010149  | 1.38   | cps   |
| Scandium   | 45-2  | 34793    | 33948    | 33894    | 34212    | 1.47   | cps   |
| Selenium   | 77-2  | 260      | 223      | 240      | 241      | 7.61   | cps   |
| Selenium   | 78-2  | 967      | 848      | 900      | 905      | 6.57   | cps   |
| Selenium   | 82-1  | 53242    | 54247    | 53781    | 53756    | 0.94   | cps   |
| Silicon    | 28-1  | 1987481  | 2011966  | 2016631  | 2005360  | 0.78   | cps   |
| Silver     | 109-1 | 4227266  | 4232470  | 4258274  | 4239337  | 0.39   | cps   |
| Silver     | 107-1 | 4504268  | 4489964  | 4497426  | 4497219  | 0.16   | cps   |
| Sodium     | 23-2  | 13741119 | 13707647 | 13827348 | 13758705 | 0.45   | cps   |
| Strontium  | 86-1  | 1101735  | 1100229  | 1107202  | 1103056  | 0.33   | cps   |
| Strontium  | 88-1  | 9680693  | 9603986  | 9730506  | 9671729  | 0.66   | cps   |
| Sulfur     | 34-1  | 578934   | 576282   | 582053   | 579090   | 0.50   | cps   |
| Terbium    | 159-1 | 13137314 | 13164586 | 12992660 | 13098187 | 0.71   | cps   |
| Terbium    | 159-2 | 2419423  | 2375174  | 2336867  | 2377155  | 1.74   | cps   |
| Thallium   | 203-1 | 3974286  | 3932360  | 3948218  | 3951621  | 0.54   | cps   |
| Thallium   | 205-1 | 9346339  | 9331523  | 9304159  | 9327340  | 0.23   | cps   |
| Tin        | 118-1 | 3106216  | 3062692  | 3100693  | 3089867  | 0.77   | cps   |
| Titanium   | 47-1  | 2244085  | 2258636  | 2255328  | 2252683  | 0.34   | cps   |
| Uranium    | 238-1 | 13259492 | 13209848 | 13209507 | 13226282 | 0.22   | cps   |
| Vanadium   | 51-2  | 252835   | 253190   | 255589   | 253871   | 0.59   | cps   |
| Yttrium    | 89-1  | 9367461  | 9270277  | 9285795  | 9307845  | 0.56   | cps   |
| Yttrium    | 89-2  | 254533   | 253574   | 251705   | 253271   | 0.57   | cps   |
| Zinc       | 66-2  | 109226   | 109017   | 108590   | 108944   | 0.30   | cps   |

|                         |                     |                   |                      |
|-------------------------|---------------------|-------------------|----------------------|
| LB Number :             | LB97237             | Operator :        | Jaswal               |
| Lab Sample ID :         | CCV93               | Instrumnet Name : | P8                   |
| Client Sample ID :      | CCV93               | Dilution Factor : | 1                    |
| Date & Time Acquired :: | 2018-08-10 15:01:45 | DataFile Name :   | 053CCV_P8081018-MS.I |

| Parameter | Mass | CPS1    | CPS2    | CPS3    | CPSMean | CPSRSD | Units |
|-----------|------|---------|---------|---------|---------|--------|-------|
| Zirconium | 90-1 | 6162326 | 6087698 | 6113213 | 6121079 | 0.62   | cps   |
| Zirconium | 91-1 | 1360675 | 1379146 | 1373148 | 1370990 | 0.69   | cps   |

|                         |                     |                   |                     |
|-------------------------|---------------------|-------------------|---------------------|
| LB Number :             | LB97237             | Operator :        | Jaswal              |
| Lab Sample ID :         | CCB93               | Instrumnet Name : | P8                  |
| Client Sample ID :      | CCB93               | Dilution Factor : | 1                   |
| Date & Time Acquired :: | 2018-08-10 15:04:55 | DataFile Name :   | 054CCBE_P8081018-MS |

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|------------|-------|----------|----------|----------|----------|--------|-------|
| Aluminium  | 27-2  | 23       | 18       | 20       | 20       | 12.52  | cps   |
| Antimony   | 121-1 | 10204    | 9662     | 8995     | 9621     | 6.30   | cps   |
| Arsenic    | 75-2  | 19       | 9        | 13       | 14       | 34.32  | cps   |
| Barium     | 135-1 | 183      | 158      | 133      | 158      | 15.79  | cps   |
| Barium     | 137-1 | 183      | 242      | 267      | 231      | 18.55  | cps   |
| Beryllium  | 9-1   | 406      | 300      | 333      | 346      | 15.58  | cps   |
| Bismuth    | 209-1 | 8621916  | 8509769  | 8222052  | 8451245  | 2.44   | cps   |
| Bismuth    | 209-2 | 2116466  | 2166057  | 2118107  | 2133543  | 1.32   | cps   |
| Boron      | 10-1  | 2467     | 2259     | 1900     | 2209     | 12.98  | cps   |
| Boron      | 11-1  | 10838    | 10146    | 9095     | 10026    | 8.75   | cps   |
| Cadmium    | 111-1 | 1602     | 1499     | 1404     | 1501     | 6.61   | cps   |
| Cadmium    | 106-1 | 2117     | 2000     | 1909     | 2009     | 5.20   | cps   |
| Cadmium    | 108-1 | 25       | 8        | 17       | 17       | 50.01  | cps   |
| Calcium    | 43-1  | 550      | 492      | 458      | 500      | 9.28   | cps   |
| Calcium    | 44-1  | 14742    | 14658    | 15451    | 14950    | 2.91   | cps   |
| Chromium   | 52-2  | 313      | 320      | 303      | 312      | 2.69   | cps   |
| Cobalt     | 59-2  | 63       | 53       | 60       | 59       | 8.65   | cps   |
| Copper     | 63-2  | 810      | 827      | 743      | 793      | 5.56   | cps   |
| Dysprosium | 156-1 | 8        | 8        | 8        | 8        | 0.00   | cps   |
| Dysprosium | 156-2 | 0        | 3        | 7        | 3        | 100.05 | cps   |
| Erbium     | 164-1 | 33       | 58       | 17       | 36       | 58.07  | cps   |
| Erbium     | 164-2 | 7        | 10       | 3        | 7        | 50.03  | cps   |
| Gadolinium | 160-1 | 50       | 17       | 75       | 47       | 61.97  | cps   |
| Gadolinium | 160-2 | 10       | 7        | 7        | 8        | 24.71  | cps   |
| Holmium    | 165-1 | 12737897 | 12786581 | 12071036 | 12531838 | 3.19   | cps   |
| Holmium    | 165-2 | 2541562  | 2585204  | 2496980  | 2541249  | 1.74   | cps   |
| Indium     | 115-1 | 9375845  | 9333019  | 9004354  | 9237739  | 2.20   | cps   |
| Indium     | 115-2 | 356317   | 363340   | 354468   | 358042   | 1.31   | cps   |
| Iron       | 56-2  | 3323     | 3000     | 2839     | 3054     | 8.06   | cps   |
| Iron       | 57-2  | 72       | 83       | 111      | 89       | 22.54  | cps   |
| Krypton    | 83-1  | 363      | 297      | 360      | 340      | 11.05  | cps   |
| Lead       | 206-1 | 539      | 450      | 478      | 489      | 9.30   | cps   |
| Lead       | 207-1 | 394      | 361      | 478      | 411      | 14.62  | cps   |
| Lead       | 208-1 | 1822     | 1845     | 1939     | 1869     | 3.31   | cps   |
| Lithium    | 6-1   | 1534480  | 1541678  | 1499044  | 1525068  | 1.50   | cps   |
| Magnesium  | 24-2  | 433      | 350      | 375      | 386      | 11.08  | cps   |

|                         |                     |                   |                     |
|-------------------------|---------------------|-------------------|---------------------|
| LB Number :             | LB97237             | Operator :        | Jaswal              |
| Lab Sample ID :         | CCB93               | Instrumnet Name : | P8                  |
| Client Sample ID :      | CCB93               | Dilution Factor : | 1                   |
| Date & Time Acquired :: | 2018-08-10 15:04:55 | DataFile Name :   | 054CCBE_P8081018-M8 |

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD  | Units |
|------------|-------|----------|----------|----------|----------|---------|-------|
| Manganese  | 55-2  | 80       | 80       | 70       | 77       | 7.53    | cps   |
| Molybdenum | 94-1  | 3409     | 2959     | 2925     | 3098     | 8.72    | cps   |
| Molybdenum | 95-1  | 4193     | 3867     | 3101     | 3720     | 15.07   | cps   |
| Molybdenum | 96-1  | 4418     | 4184     | 3551     | 4051     | 11.07   | cps   |
| Molybdenum | 97-1  | 2567     | 2142     | 2034     | 2248     | 12.55   | cps   |
| Molybdenum | 98-1  | 6310     | 5251     | 5109     | 5557     | 11.81   | cps   |
| Neodymium  | 150-1 | 13       | 0        | 7        | 7        | 99.98   | cps   |
| Neodymium  | 150-2 | 0        | 0        | 0        | 0        | 0.00    | cps   |
| Nickel     | 60-2  | 127      | 93       | 120      | 113      | 15.56   | cps   |
| Phosphorus | 31-2  | 8        | 0        | 8        | 6        | 86.60   | cps   |
| Potassium  | 39-2  | 2125     | 1917     | 1950     | 1997     | 5.60    | cps   |
| Rhodium    | 103-1 | 8709623  | 8620616  | 8274551  | 8534930  | 2.69    | cps   |
| Rhodium    | 103-2 | 2271552  | 2288535  | 2250698  | 2270262  | 0.83    | cps   |
| Scandium   | 45-1  | 5093684  | 5019060  | 4870278  | 4994341  | 2.28    | cps   |
| Scandium   | 45-2  | 35244    | 36327    | 35248    | 35606    | 1.75    | cps   |
| Selenium   | 77-2  | 0        | 0        | 0        | 0        | 0.00    | cps   |
| Selenium   | 78-2  | 0        | 0        | 6        | 2        | 173.21  | cps   |
| Selenium   | 82-1  | -31      | 12       | 20       | 0        | 8553.08 | cps   |
| Silicon    | 28-1  | 331159   | 326875   | 326178   | 328071   | 0.82    | cps   |
| Silver     | 109-1 | 642      | 533      | 683      | 619      | 12.50   | cps   |
| Silver     | 107-1 | 642      | 583      | 558      | 594      | 7.19    | cps   |
| Sodium     | 23-2  | 6619     | 6652     | 6335     | 6535     | 2.66    | cps   |
| Strontium  | 86-1  | 475      | 567      | 592      | 544      | 11.28   | cps   |
| Strontium  | 88-1  | 350      | 342      | 392      | 361      | 7.42    | cps   |
| Sulfur     | 34-1  | 320295   | 321867   | 319313   | 320492   | 0.40    | cps   |
| Terbium    | 159-1 | 12981114 | 12948005 | 12447109 | 12792076 | 2.34    | cps   |
| Terbium    | 159-2 | 2378877  | 2436622  | 2394247  | 2403249  | 1.24    | cps   |
| Thallium   | 203-1 | 1308     | 983      | 1083     | 1125     | 14.80   | cps   |
| Thallium   | 205-1 | 2859     | 2675     | 2359     | 2631     | 9.62    | cps   |
| Tin        | 118-1 | 3984     | 3951     | 3692     | 3876     | 4.12    | cps   |
| Titanium   | 47-1  | 233      | 158      | 208      | 200      | 19.10   | cps   |
| Uranium    | 238-1 | 483      | 400      | 500      | 461      | 11.62   | cps   |
| Vanadium   | 51-2  | 20       | 20       | 10       | 17       | 34.64   | cps   |
| Yttrium    | 89-1  | 9353541  | 9241748  | 8923003  | 9172764  | 2.44    | cps   |
| Yttrium    | 89-2  | 258539   | 263680   | 254186   | 258802   | 1.84    | cps   |
| Zinc       | 66-2  | 177      | 150      | 137      | 154      | 13.19   | cps   |



|                         |                     |                   |                     |
|-------------------------|---------------------|-------------------|---------------------|
| LB Number :             | LB97237             | Operator :        | Jaswal              |
| Lab Sample ID :         | CCB93               | Instrumnet Name : | P8                  |
| Client Sample ID :      | CCB93               | Dilution Factor : | 1                   |
| Date & Time Acquired :: | 2018-08-10 15:04:55 | DataFile Name :   | 054CCBE_P8081018-MS |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|-----------|------|------|------|------|---------|--------|-------|
| Zirconium | 90-1 | 2809 | 3359 | 3059 | 3076    | 8.96   | cps   |
| Zirconium | 91-1 | 717  | 650  | 633  | 667     | 6.61   | cps   |

|                         |                      |                   |                     |
|-------------------------|----------------------|-------------------|---------------------|
| LB Number :             | LB97237              | Operator :        | Jaswal              |
| Lab Sample ID :         | J4353-23             | Instrumnet Name : | P8                  |
| Client Sample ID :      | 96-23-FL6-BACK-RM-BR | Dilution Factor : | 1                   |
| Date & Time Acquired :: | 2018-08-10 15:08:16  | DataFile Name :   | 055SMPL_P8081018-MS |

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|------------|-------|----------|----------|----------|----------|--------|-------|
| Aluminium  | 27-2  | 98       | 85       | 78       | 87       | 11.66  | cps   |
| Antimony   | 121-1 | 5835     | 5626     | 5652     | 5704     | 1.99   | cps   |
| Arsenic    | 75-2  | 28       | 24       | 33       | 28       | 16.41  | cps   |
| Barium     | 135-1 | 33368    | 31973    | 32216    | 32519    | 2.29   | cps   |
| Barium     | 137-1 | 57350    | 56597    | 56631    | 56859    | 0.75   | cps   |
| Beryllium  | 9-1   | 194      | 278      | 189      | 220      | 22.60  | cps   |
| Bismuth    | 209-1 | 8803170  | 9382687  | 9536490  | 9240782  | 4.18   | cps   |
| Bismuth    | 209-2 | 2254149  | 2262723  | 2257938  | 2258270  | 0.19   | cps   |
| Boron      | 10-1  | 1959     | 1792     | 1725     | 1825     | 6.59   | cps   |
| Boron      | 11-1  | 8178     | 8103     | 7502     | 7928     | 4.67   | cps   |
| Cadmium    | 111-1 | 1646     | 1851     | 1781     | 1759     | 5.90   | cps   |
| Cadmium    | 106-1 | 2009     | 2275     | 2150     | 2145     | 6.22   | cps   |
| Cadmium    | 108-1 | 79       | 54       | 58       | 64       | 20.97  | cps   |
| Calcium    | 43-1  | 108467   | 105250   | 103958   | 105892   | 2.19   | cps   |
| Calcium    | 44-1  | 1806590  | 1749026  | 1749712  | 1768443  | 1.87   | cps   |
| Chromium   | 52-2  | 357      | 357      | 410      | 374      | 8.22   | cps   |
| Cobalt     | 59-2  | 153      | 147      | 167      | 156      | 6.55   | cps   |
| Copper     | 63-2  | 261158   | 260044   | 260180   | 260460   | 0.23   | cps   |
| Dysprosium | 156-1 | 42       | 58       | 50       | 50       | 16.67  | cps   |
| Dysprosium | 156-2 | 3        | 3        | 0        | 2        | 86.60  | cps   |
| Erbium     | 164-1 | 92       | 92       | 83       | 89       | 5.41   | cps   |
| Erbium     | 164-2 | 3        | 20       | 17       | 13       | 66.16  | cps   |
| Gadolinium | 160-1 | 108      | 133      | 83       | 108      | 23.08  | cps   |
| Gadolinium | 160-2 | 20       | 13       | 10       | 14       | 35.26  | cps   |
| Holmium    | 165-1 | 12989026 | 13914701 | 14132817 | 13678848 | 4.44   | cps   |
| Holmium    | 165-2 | 2655797  | 2708047  | 2654606  | 2672816  | 1.14   | cps   |
| Indium     | 115-1 | 9587947  | 10264548 | 10426897 | 10093130 | 4.41   | cps   |
| Indium     | 115-2 | 371861   | 375536   | 370474   | 372624   | 0.70   | cps   |
| Iron       | 56-2  | 13685    | 13451    | 13485    | 13540    | 0.93   | cps   |
| Iron       | 57-2  | 306      | 311      | 306      | 307      | 1.04   | cps   |
| Krypton    | 83-1  | 300      | 313      | 310      | 308      | 2.25   | cps   |
| Lead       | 206-1 | 31400    | 30755    | 30069    | 30741    | 2.17   | cps   |
| Lead       | 207-1 | 26829    | 26038    | 25459    | 26109    | 2.63   | cps   |
| Lead       | 208-1 | 123257   | 121686   | 118736   | 121226   | 1.89   | cps   |
| Lithium    | 6-1   | 1593189  | 1672951  | 1718329  | 1661490  | 3.81   | cps   |
| Magnesium  | 24-2  | 30241    | 31603    | 30033    | 30626    | 2.78   | cps   |

LB Number : LB97237 Operator : Jaswal  
 Lab Sample ID : J4353-23 Instrumnet Name : P8  
 Client Sample ID : 96-23-FL6-BACK-RM-BR Dilution Factor : 1  
 Date & Time Acquired :: 2018-08-10 15:08:16 DataFile Name : 055SMPL\_P8081018-MS

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|------------|-------|----------|----------|----------|----------|--------|-------|
| Manganese  | 55-2  | 2074     | 2070     | 2130     | 2091     | 1.61   | cps   |
| Molybdenum | 94-1  | 5301     | 4184     | 3792     | 4426     | 17.69  | cps   |
| Molybdenum | 95-1  | 1158     | 1050     | 1158     | 1122     | 5.57   | cps   |
| Molybdenum | 96-1  | 2384     | 1917     | 1684     | 1995     | 17.87  | cps   |
| Molybdenum | 97-1  | 867      | 850      | 617      | 778      | 17.97  | cps   |
| Molybdenum | 98-1  | 2359     | 2050     | 1875     | 2095     | 11.69  | cps   |
| Neodymium  | 150-1 | 13       | 27       | 47       | 29       | 58.08  | cps   |
| Neodymium  | 150-2 | 3        | 0        | 0        | 1        | 173.21 | cps   |
| Nickel     | 60-2  | 2040     | 2067     | 2180     | 2096     | 3.55   | cps   |
| Phosphorus | 31-2  | 192      | 225      | 275      | 231      | 18.19  | cps   |
| Potassium  | 39-2  | 8536     | 8295     | 8570     | 8467     | 1.77   | cps   |
| Rhodium    | 103-1 | 8821068  | 9368416  | 9616464  | 9268649  | 4.39   | cps   |
| Rhodium    | 103-2 | 2398386  | 2388555  | 2393575  | 2393505  | 0.21   | cps   |
| Scandium   | 45-1  | 5119289  | 5475651  | 5559749  | 5384896  | 4.34   | cps   |
| Scandium   | 45-2  | 36200    | 36671    | 36173    | 36348    | 0.77   | cps   |
| Selenium   | 77-2  | 0        | 3        | 0        | 1        | 173.21 | cps   |
| Selenium   | 78-2  | 2        | 0        | 0        | 1        | 173.21 | cps   |
| Selenium   | 82-1  | 54       | 13       | 21       | 29       | 75.52  | cps   |
| Silicon    | 28-1  | 3424005  | 3327823  | 3278982  | 3343603  | 2.21   | cps   |
| Silver     | 109-1 | 1150     | 1017     | 1200     | 1122     | 8.45   | cps   |
| Silver     | 107-1 | 1192     | 1300     | 1292     | 1261     | 4.78   | cps   |
| Sodium     | 23-2  | 652322   | 652401   | 642824   | 649182   | 0.85   | cps   |
| Strontium  | 86-1  | 45486    | 45837    | 44264    | 45195    | 1.83   | cps   |
| Strontium  | 88-1  | 387460   | 391492   | 385968   | 388306   | 0.74   | cps   |
| Sulfur     | 34-1  | 348792   | 346608   | 343449   | 346283   | 0.78   | cps   |
| Terbium    | 159-1 | 13332096 | 14164582 | 14370643 | 13955774 | 3.94   | cps   |
| Terbium    | 159-2 | 2528445  | 2561779  | 2540866  | 2543697  | 0.66   | cps   |
| Thallium   | 203-1 | 1367     | 1108     | 967      | 1147     | 17.68  | cps   |
| Thallium   | 205-1 | 2900     | 2642     | 2092     | 2545     | 16.23  | cps   |
| Tin        | 118-1 | 3067     | 3317     | 3101     | 3162     | 4.29   | cps   |
| Titanium   | 47-1  | 633      | 525      | 458      | 539      | 16.39  | cps   |
| Uranium    | 238-1 | 433      | 483      | 467      | 461      | 5.52   | cps   |
| Vanadium   | 51-2  | 57       | 40       | 27       | 41       | 36.56  | cps   |
| Yttrium    | 89-1  | 9394345  | 10178226 | 10306466 | 9959679  | 4.96   | cps   |
| Yttrium    | 89-2  | 270245   | 271132   | 269686   | 270355   | 0.27   | cps   |
| Zinc       | 66-2  | 69614    | 68870    | 69356    | 69280    | 0.55   | cps   |

|                         |                      |                   |                     |
|-------------------------|----------------------|-------------------|---------------------|
| LB Number :             | LB97237              | Operator :        | Jaswal              |
| Lab Sample ID :         | J4353-23             | Instrumnet Name : | P8                  |
| Client Sample ID :      | 96-23-FL6-BACK-RM-BR | Dilution Factor : | 1                   |
| Date & Time Acquired :: | 2018-08-10 15:08:16  | DataFile Name :   | 055SMPL_P8081018-MS |

| Parameter | Mass | CPS1  | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|-----------|------|-------|------|------|---------|--------|-------|
| Zirconium | 90-1 | 12531 | 9896 | 8703 | 10377   | 18.88  | cps   |
| Zirconium | 91-1 | 2850  | 1909 | 1859 | 2206    | 25.33  | cps   |

LB Number : LB97237 Operator : Jaswal  
 Lab Sample ID : J4353-22 Instrumnet Name : P8  
 Client Sample ID : 96-22-FL4-FRONT-RM-B Dilution Factor : 1  
 Date & Time Acquired :: 2018-08-10 15:11:36 DataFile Name : 056SMPL\_P8081018-MS

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|------------|-------|----------|----------|----------|----------|--------|-------|
| Aluminium  | 27-2  | 133      | 115      | 113      | 120      | 9.08   | cps   |
| Antimony   | 121-1 | 15902    | 15885    | 15827    | 15871    | 0.25   | cps   |
| Arsenic    | 75-2  | 22       | 26       | 31       | 27       | 17.56  | cps   |
| Barium     | 135-1 | 46190    | 46909    | 46182    | 46427    | 0.90   | cps   |
| Barium     | 137-1 | 79774    | 80337    | 81744    | 80618    | 1.26   | cps   |
| Beryllium  | 9-1   | 139      | 222      | 167      | 176      | 24.12  | cps   |
| Bismuth    | 209-1 | 9450627  | 9146039  | 9184539  | 9260402  | 1.79   | cps   |
| Bismuth    | 209-2 | 2233650  | 2231781  | 2216921  | 2227451  | 0.41   | cps   |
| Boron      | 10-1  | 1592     | 1525     | 1600     | 1572     | 2.61   | cps   |
| Boron      | 11-1  | 7027     | 7044     | 7077     | 7049     | 0.36   | cps   |
| Cadmium    | 111-1 | 2112     | 1932     | 1971     | 2005     | 4.72   | cps   |
| Cadmium    | 106-1 | 2509     | 2209     | 2200     | 2306     | 7.62   | cps   |
| Cadmium    | 108-1 | 146      | 121      | 104      | 124      | 16.97  | cps   |
| Calcium    | 43-1  | 118025   | 114548   | 113784   | 115452   | 1.96   | cps   |
| Calcium    | 44-1  | 1939011  | 1945069  | 1940343  | 1941475  | 0.16   | cps   |
| Chromium   | 52-2  | 570      | 520      | 590      | 560      | 6.44   | cps   |
| Cobalt     | 59-2  | 610      | 703      | 617      | 643      | 8.09   | cps   |
| Copper     | 63-2  | 292099   | 290833   | 287289   | 290074   | 0.86   | cps   |
| Dysprosium | 156-1 | 17       | 67       | 50       | 44       | 57.28  | cps   |
| Dysprosium | 156-2 | 3        | 7        | 7        | 6        | 34.70  | cps   |
| Erbium     | 164-1 | 50       | 125      | 75       | 83       | 45.83  | cps   |
| Erbium     | 164-2 | 10       | 13       | 13       | 12       | 15.73  | cps   |
| Gadolinium | 160-1 | 83       | 158      | 117      | 119      | 31.46  | cps   |
| Gadolinium | 160-2 | 13       | 13       | 13       | 13       | 0.00   | cps   |
| Holmium    | 165-1 | 14016823 | 13879500 | 13645443 | 13847255 | 1.36   | cps   |
| Holmium    | 165-2 | 2662821  | 2635008  | 2605589  | 2634472  | 1.09   | cps   |
| Indium     | 115-1 | 10211236 | 10007303 | 10018661 | 10079067 | 1.14   | cps   |
| Indium     | 115-2 | 367665   | 362744   | 360831   | 363747   | 0.97   | cps   |
| Iron       | 56-2  | 19887    | 19108    | 19286    | 19427    | 2.10   | cps   |
| Iron       | 57-2  | 411      | 567      | 439      | 472      | 17.57  | cps   |
| Krypton    | 83-1  | 320      | 350      | 340      | 337      | 4.54   | cps   |
| Lead       | 206-1 | 56286    | 55030    | 54394    | 55237    | 1.74   | cps   |
| Lead       | 207-1 | 46246    | 45593    | 45594    | 45811    | 0.82   | cps   |
| Lead       | 208-1 | 216910   | 214805   | 213968   | 215228   | 0.70   | cps   |
| Lithium    | 6-1   | 1703997  | 1661822  | 1693627  | 1686482  | 1.30   | cps   |
| Magnesium  | 24-2  | 32154    | 29849    | 30225    | 30742    | 4.02   | cps   |

LB Number : LB97237 Operator : Jaswal  
 Lab Sample ID : J4353-22 Instrumnet Name : P8  
 Client Sample ID : 96-22-FL4-FRONT-RM-B Dilution Factor : 1  
 Date & Time Acquired :: 2018-08-10 15:11:36 DataFile Name : 056SMPL\_P8081018-MS

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|------------|-------|----------|----------|----------|----------|--------|-------|
| Manganese  | 55-2  | 4047     | 3927     | 3957     | 3977     | 1.57   | cps   |
| Molybdenum | 94-1  | 2184     | 2117     | 1909     | 2070     | 6.93   | cps   |
| Molybdenum | 95-1  | 642      | 642      | 700      | 661      | 5.09   | cps   |
| Molybdenum | 96-1  | 1108     | 1108     | 1183     | 1133     | 3.82   | cps   |
| Molybdenum | 97-1  | 517      | 383      | 517      | 472      | 16.30  | cps   |
| Molybdenum | 98-1  | 1042     | 1233     | 1133     | 1136     | 8.44   | cps   |
| Neodymium  | 150-1 | 47       | 60       | 53       | 53       | 12.50  | cps   |
| Neodymium  | 150-2 | 7        | 3        | 0        | 3        | 100.05 | cps   |
| Nickel     | 60-2  | 19297    | 19217    | 19210    | 19241    | 0.25   | cps   |
| Phosphorus | 31-2  | 117      | 167      | 108      | 131      | 24.17  | cps   |
| Potassium  | 39-2  | 9654     | 8620     | 9112     | 9128     | 5.67   | cps   |
| Rhodium    | 103-1 | 9411800  | 9195179  | 9306222  | 9304400  | 1.16   | cps   |
| Rhodium    | 103-2 | 2387489  | 2346190  | 2334268  | 2355982  | 1.19   | cps   |
| Scandium   | 45-1  | 5452992  | 5328918  | 5325252  | 5369054  | 1.35   | cps   |
| Scandium   | 45-2  | 36200    | 35107    | 35545    | 35617    | 1.54   | cps   |
| Selenium   | 77-2  | 0        | 0        | 0        | 0        | 0.00   | cps   |
| Selenium   | 78-2  | 0        | 2        | 0        | 1        | 173.21 | cps   |
| Selenium   | 82-1  | 45       | -9       | -20      | 5        | 662.93 | cps   |
| Silicon    | 28-1  | 3739927  | 3558777  | 3508777  | 3602493  | 3.38   | cps   |
| Silver     | 109-1 | 1558     | 1600     | 1659     | 1606     | 3.13   | cps   |
| Silver     | 107-1 | 1742     | 1742     | 1809     | 1764     | 2.18   | cps   |
| Sodium     | 23-2  | 634002   | 626201   | 623397   | 627867   | 0.88   | cps   |
| Strontium  | 86-1  | 50235    | 49249    | 50101    | 49862    | 1.07   | cps   |
| Strontium  | 88-1  | 433518   | 428793   | 427290   | 429867   | 0.76   | cps   |
| Sulfur     | 34-1  | 341306   | 340640   | 342184   | 341377   | 0.23   | cps   |
| Terbium    | 159-1 | 14201892 | 13950536 | 14042645 | 14065024 | 0.90   | cps   |
| Terbium    | 159-2 | 2511913  | 2499707  | 2482733  | 2498117  | 0.59   | cps   |
| Thallium   | 203-1 | 575      | 475      | 558      | 536      | 9.99   | cps   |
| Thallium   | 205-1 | 1292     | 1025     | 1000     | 1106     | 14.62  | cps   |
| Tin        | 118-1 | 2609     | 2784     | 2675     | 2689     | 3.29   | cps   |
| Titanium   | 47-1  | 517      | 458      | 375      | 450      | 15.82  | cps   |
| Uranium    | 238-1 | 708      | 650      | 650      | 669      | 5.03   | cps   |
| Vanadium   | 51-2  | 27       | 27       | 13       | 22       | 34.66  | cps   |
| Yttrium    | 89-1  | 10249030 | 10009783 | 10018389 | 10092401 | 1.34   | cps   |
| Yttrium    | 89-2  | 266713   | 262577   | 259972   | 263087   | 1.29   | cps   |
| Zinc       | 66-2  | 255758   | 255249   | 254221   | 255076   | 0.31   | cps   |

|                         |                      |                   |                     |
|-------------------------|----------------------|-------------------|---------------------|
| LB Number :             | LB97237              | Operator :        | Jaswal              |
| Lab Sample ID :         | J4353-22             | Instrumnet Name : | P8                  |
| Client Sample ID :      | 96-22-FL4-FRONT-RM-B | Dilution Factor : | 1                   |
| Date & Time Acquired :: | 2018-08-10 15:11:36  | DataFile Name :   | 056SMPL_P8081018-MS |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|-----------|------|------|------|------|---------|--------|-------|
| Zirconium | 90-1 | 5435 | 4943 | 4318 | 4898    | 11.43  | cps   |
| Zirconium | 91-1 | 1283 | 1233 | 1025 | 1181    | 11.61  | cps   |

|                         |                      |                   |                     |
|-------------------------|----------------------|-------------------|---------------------|
| LB Number :             | LB97237              | Operator :        | Jaswal              |
| Lab Sample ID :         | J4353-21             | Instrumnet Name : | P8                  |
| Client Sample ID :      | 96-21-FL5-BACK-RM-BR | Dilution Factor : | 1                   |
| Date & Time Acquired :: | 2018-08-10 15:14:56  | DataFile Name :   | 057SMPL_P8081018-MS |

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|------------|-------|----------|----------|----------|----------|--------|-------|
| Aluminium  | 27-2  | 88       | 125      | 113      | 108      | 17.63  | cps   |
| Antimony   | 121-1 | 3142     | 3067     | 3209     | 3139     | 2.26   | cps   |
| Arsenic    | 75-2  | 28       | 28       | 35       | 30       | 14.14  | cps   |
| Barium     | 135-1 | 32967    | 32374    | 31856    | 32399    | 1.72   | cps   |
| Barium     | 137-1 | 57241    | 56137    | 57233    | 56871    | 1.12   | cps   |
| Beryllium  | 9-1   | 183      | 156      | 206      | 181      | 13.80  | cps   |
| Bismuth    | 209-1 | 9059753  | 9431205  | 9346200  | 9279053  | 2.10   | cps   |
| Bismuth    | 209-2 | 2246101  | 2217368  | 2239771  | 2234413  | 0.68   | cps   |
| Boron      | 10-1  | 1358     | 1158     | 1158     | 1225     | 9.43   | cps   |
| Boron      | 11-1  | 5860     | 5976     | 6260     | 6032     | 3.41   | cps   |
| Cadmium    | 111-1 | 1434     | 1546     | 1637     | 1539     | 6.60   | cps   |
| Cadmium    | 106-1 | 1959     | 2142     | 2242     | 2114     | 6.80   | cps   |
| Cadmium    | 108-1 | 17       | 4        | 4        | 8        | 86.57  | cps   |
| Calcium    | 43-1  | 105126   | 103095   | 104319   | 104180   | 0.98   | cps   |
| Calcium    | 44-1  | 1772621  | 1745624  | 1758589  | 1758945  | 0.77   | cps   |
| Chromium   | 52-2  | 367      | 350      | 357      | 358      | 2.35   | cps   |
| Cobalt     | 59-2  | 73       | 70       | 100      | 81       | 20.27  | cps   |
| Copper     | 63-2  | 228196   | 231230   | 231996   | 230474   | 0.87   | cps   |
| Dysprosium | 156-1 | 67       | 75       | 42       | 61       | 28.38  | cps   |
| Dysprosium | 156-2 | 17       | 13       | 13       | 14       | 13.35  | cps   |
| Erbium     | 164-1 | 67       | 125      | 75       | 89       | 35.50  | cps   |
| Erbium     | 164-2 | 7        | 10       | 13       | 10       | 33.30  | cps   |
| Gadolinium | 160-1 | 142      | 108      | 125      | 125      | 13.33  | cps   |
| Gadolinium | 160-2 | 33       | 17       | 13       | 21       | 50.75  | cps   |
| Holmium    | 165-1 | 13341189 | 13846314 | 13768971 | 13652158 | 1.99   | cps   |
| Holmium    | 165-2 | 2620992  | 2624652  | 2648139  | 2631261  | 0.56   | cps   |
| Indium     | 115-1 | 9790179  | 10067710 | 10091589 | 9983159  | 1.68   | cps   |
| Indium     | 115-2 | 363044   | 364595   | 361202   | 362947   | 0.47   | cps   |
| Iron       | 56-2  | 11794    | 13571    | 11789    | 12385    | 8.30   | cps   |
| Iron       | 57-2  | 239      | 256      | 289      | 261      | 9.75   | cps   |
| Krypton    | 83-1  | 277      | 290      | 307      | 291      | 5.16   | cps   |
| Lead       | 206-1 | 24268    | 22732    | 23912    | 23637    | 3.40   | cps   |
| Lead       | 207-1 | 19699    | 19799    | 20717    | 20072    | 2.80   | cps   |
| Lead       | 208-1 | 93871    | 91309    | 93691    | 92957    | 1.54   | cps   |
| Lithium    | 6-1   | 1639525  | 1648312  | 1687456  | 1658431  | 1.54   | cps   |
| Magnesium  | 24-2  | 28780    | 30108    | 29398    | 29429    | 2.26   | cps   |



|                         |                      |                   |                     |
|-------------------------|----------------------|-------------------|---------------------|
| LB Number :             | LB97237              | Operator :        | Jaswal              |
| Lab Sample ID :         | J4353-21             | Instrumnet Name : | P8                  |
| Client Sample ID :      | 96-21-FL5-BACK-RM-BR | Dilution Factor : | 1                   |
| Date & Time Acquired :: | 2018-08-10 15:14:56  | DataFile Name :   | 057SMPL_P8081018-MS |

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|------------|-------|----------|----------|----------|----------|--------|-------|
| Manganese  | 55-2  | 2627     | 2694     | 2767     | 2696     | 2.60   | cps   |
| Molybdenum | 94-1  | 1559     | 1542     | 1600     | 1567     | 1.92   | cps   |
| Molybdenum | 95-1  | 475      | 450      | 450      | 458      | 3.15   | cps   |
| Molybdenum | 96-1  | 842      | 792      | 692      | 775      | 9.86   | cps   |
| Molybdenum | 97-1  | 392      | 358      | 258      | 336      | 20.65  | cps   |
| Molybdenum | 98-1  | 725      | 1017     | 742      | 828      | 19.79  | cps   |
| Neodymium  | 150-1 | 67       | 33       | 13       | 38       | 71.32  | cps   |
| Neodymium  | 150-2 | 7        | 3        | 13       | 8        | 65.47  | cps   |
| Nickel     | 60-2  | 527      | 563      | 657      | 582      | 11.51  | cps   |
| Phosphorus | 31-2  | 233      | 158      | 167      | 186      | 22.09  | cps   |
| Potassium  | 39-2  | 7986     | 7953     | 7519     | 7819     | 3.33   | cps   |
| Rhodium    | 103-1 | 8955750  | 9207003  | 9259356  | 9140703  | 1.78   | cps   |
| Rhodium    | 103-2 | 2357328  | 2329405  | 2349508  | 2345414  | 0.61   | cps   |
| Scandium   | 45-1  | 5142617  | 5326285  | 5238900  | 5235934  | 1.75   | cps   |
| Scandium   | 45-2  | 35866    | 36240    | 34967    | 35691    | 1.83   | cps   |
| Selenium   | 77-2  | 0        | 0        | 0        | 0        | 0.00   | cps   |
| Selenium   | 78-2  | 2        | 0        | 0        | 1        | 173.21 | cps   |
| Selenium   | 82-1  | 38       | 9        | 38       | 28       | 59.73  | cps   |
| Silicon    | 28-1  | 3159922  | 3112783  | 3087878  | 3120194  | 1.17   | cps   |
| Silver     | 109-1 | 700      | 758      | 842      | 767      | 9.29   | cps   |
| Silver     | 107-1 | 833      | 842      | 800      | 825      | 2.67   | cps   |
| Sodium     | 23-2  | 634538   | 629985   | 631934   | 632152   | 0.36   | cps   |
| Strontium  | 86-1  | 45502    | 44691    | 45234    | 45142    | 0.92   | cps   |
| Strontium  | 88-1  | 385307   | 387957   | 385403   | 386223   | 0.39   | cps   |
| Sulfur     | 34-1  | 337062   | 336727   | 336665   | 336818   | 0.06   | cps   |
| Terbium    | 159-1 | 13757154 | 13997745 | 13997766 | 13917555 | 1.00   | cps   |
| Terbium    | 159-2 | 2480419  | 2467427  | 2436138  | 2461328  | 0.92   | cps   |
| Thallium   | 203-1 | 367      | 283      | 292      | 314      | 14.62  | cps   |
| Thallium   | 205-1 | 767      | 817      | 725      | 770      | 5.96   | cps   |
| Tin        | 118-1 | 2234     | 2259     | 2134     | 2209     | 2.99   | cps   |
| Titanium   | 47-1  | 500      | 592      | 558      | 550      | 8.44   | cps   |
| Uranium    | 238-1 | 308      | 425      | 300      | 344      | 20.29  | cps   |
| Vanadium   | 51-2  | 60       | 57       | 43       | 53       | 16.54  | cps   |
| Yttrium    | 89-1  | 9573127  | 9909588  | 9909017  | 9797244  | 1.98   | cps   |
| Yttrium    | 89-2  | 264948   | 263865   | 259487   | 262767   | 1.10   | cps   |
| Zinc       | 66-2  | 7839     | 7659     | 7572     | 7690     | 1.77   | cps   |

|                         |                      |                   |                     |
|-------------------------|----------------------|-------------------|---------------------|
| LB Number :             | LB97237              | Operator :        | Jaswal              |
| Lab Sample ID :         | J4353-21             | Instrumnet Name : | P8                  |
| Client Sample ID :      | 96-21-FL5-BACK-RM-BR | Dilution Factor : | 1                   |
| Date & Time Acquired :: | 2018-08-10 15:14:56  | DataFile Name :   | 057SMPL_P8081018-MS |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|-----------|------|------|------|------|---------|--------|-------|
| Zirconium | 90-1 | 3701 | 3359 | 3592 | 3551    | 4.92   | cps   |
| Zirconium | 91-1 | 842  | 750  | 767  | 786     | 6.21   | cps   |

|                         |                     |                   |                     |
|-------------------------|---------------------|-------------------|---------------------|
| LB Number :             | LB97237             | Operator :        | Jaswal              |
| Lab Sample ID :         | PB111872BL          | Instrumnet Name : | P8                  |
| Client Sample ID :      | PB111872BL          | Dilution Factor : | 1                   |
| Date & Time Acquired :: | 2018-08-10 15:18:16 | DataFile Name :   | 058SMPL_P8081018-MS |

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|------------|-------|----------|----------|----------|----------|--------|-------|
| Aluminium  | 27-2  | 5        | 13       | 13       | 10       | 43.30  | cps   |
| Antimony   | 121-1 | 900      | 1150     | 1058     | 1036     | 12.21  | cps   |
| Arsenic    | 75-2  | 7        | 2        | 13       | 7        | 75.00  | cps   |
| Barium     | 135-1 | 33       | 67       | 17       | 39       | 65.47  | cps   |
| Barium     | 137-1 | 83       | 58       | 75       | 72       | 17.62  | cps   |
| Beryllium  | 9-1   | 178      | 122      | 144      | 148      | 18.88  | cps   |
| Bismuth    | 209-1 | 8449743  | 8542252  | 7199437  | 8063811  | 9.30   | cps   |
| Bismuth    | 209-2 | 2099884  | 2091640  | 2105767  | 2099097  | 0.34   | cps   |
| Boron      | 10-1  | 642      | 575      | 592      | 603      | 5.76   | cps   |
| Boron      | 11-1  | 3284     | 3092     | 2859     | 3078     | 6.92   | cps   |
| Cadmium    | 111-1 | 1407     | 1540     | 1073     | 1340     | 17.97  | cps   |
| Cadmium    | 106-1 | 1975     | 2209     | 1517     | 1900     | 18.52  | cps   |
| Cadmium    | 108-1 | 13       | 21       | 8        | 14       | 45.83  | cps   |
| Calcium    | 43-1  | 450      | 625      | 392      | 489      | 24.84  | cps   |
| Calcium    | 44-1  | 13590    | 13065    | 13123    | 13260    | 2.17   | cps   |
| Chromium   | 52-2  | 263      | 353      | 337      | 318      | 15.07  | cps   |
| Cobalt     | 59-2  | 17       | 33       | 20       | 23       | 37.78  | cps   |
| Copper     | 63-2  | 980      | 813      | 870      | 888      | 9.55   | cps   |
| Dysprosium | 156-1 | 33       | 17       | 8        | 19       | 65.47  | cps   |
| Dysprosium | 156-2 | 3        | 3        | 0        | 2        | 86.60  | cps   |
| Erbium     | 164-1 | 50       | 50       | 33       | 44       | 21.66  | cps   |
| Erbium     | 164-2 | 7        | 7        | 7        | 7        | 0.00   | cps   |
| Gadolinium | 160-1 | 42       | 67       | 25       | 44       | 47.19  | cps   |
| Gadolinium | 160-2 | 10       | 3        | 10       | 8        | 49.52  | cps   |
| Holmium    | 165-1 | 12362076 | 12731042 | 10767611 | 11953576 | 8.73   | cps   |
| Holmium    | 165-2 | 2517627  | 2488372  | 2499613  | 2501871  | 0.59   | cps   |
| Indium     | 115-1 | 9139215  | 9276692  | 7967895  | 8794601  | 8.18   | cps   |
| Indium     | 115-2 | 351388   | 349667   | 350504   | 350520   | 0.25   | cps   |
| Iron       | 56-2  | 1261     | 995      | 1050     | 1102     | 12.77  | cps   |
| Iron       | 57-2  | 39       | 28       | 28       | 31       | 20.37  | cps   |
| Krypton    | 83-1  | 327      | 320      | 363      | 337      | 6.93   | cps   |
| Lead       | 206-1 | 322      | 339      | 294      | 319      | 7.05   | cps   |
| Lead       | 207-1 | 328      | 339      | 278      | 315      | 10.34  | cps   |
| Lead       | 208-1 | 1183     | 1372     | 1200     | 1252     | 8.35   | cps   |
| Lithium    | 6-1   | 1493945  | 1521290  | 1344396  | 1453210  | 6.55   | cps   |
| Magnesium  | 24-2  | 183      | 308      | 233      | 242      | 26.03  | cps   |

|                         |                     |                   |                     |
|-------------------------|---------------------|-------------------|---------------------|
| LB Number :             | LB97237             | Operator :        | Jaswal              |
| Lab Sample ID :         | PB111872BL          | Instrumnet Name : | P8                  |
| Client Sample ID :      | PB111872BL          | Dilution Factor : | 1                   |
| Date & Time Acquired :: | 2018-08-10 15:18:16 | DataFile Name :   | 058SMPL_P8081018-MS |

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|------------|-------|----------|----------|----------|----------|--------|-------|
| Manganese  | 55-2  | 77       | 70       | 70       | 72       | 5.33   | cps   |
| Molybdenum | 94-1  | 458      | 483      | 367      | 436      | 14.09  | cps   |
| Molybdenum | 95-1  | 217      | 308      | 283      | 269      | 17.59  | cps   |
| Molybdenum | 96-1  | 425      | 433      | 308      | 389      | 17.97  | cps   |
| Molybdenum | 97-1  | 242      | 142      | 225      | 203      | 26.42  | cps   |
| Molybdenum | 98-1  | 417      | 442      | 442      | 433      | 3.33   | cps   |
| Neodymium  | 150-1 | 20       | 0        | 7        | 9        | 114.55 | cps   |
| Neodymium  | 150-2 | 0        | 3        | 0        | 1        | 173.21 | cps   |
| Nickel     | 60-2  | 90       | 90       | 133      | 104      | 23.96  | cps   |
| Phosphorus | 31-2  | 8        | 8        | 17       | 11       | 43.34  | cps   |
| Potassium  | 39-2  | 1700     | 1967     | 1692     | 1786     | 8.76   | cps   |
| Rhodium    | 103-1 | 8538266  | 8637752  | 7382165  | 8186061  | 8.53   | cps   |
| Rhodium    | 103-2 | 2278255  | 2264785  | 2247794  | 2263612  | 0.67   | cps   |
| Scandium   | 45-1  | 4925791  | 4945486  | 4213127  | 4694801  | 8.89   | cps   |
| Scandium   | 45-2  | 33827    | 34155    | 33079    | 33687    | 1.64   | cps   |
| Selenium   | 77-2  | 0        | 0        | 0        | 0        | 0.00   | cps   |
| Selenium   | 78-2  | 2        | 2        | 0        | 1        | 86.60  | cps   |
| Selenium   | 82-1  | -3       | -13      | -29      | -15      | -86.96 | cps   |
| Silicon    | 28-1  | 286100   | 284503   | 283442   | 284682   | 0.47   | cps   |
| Silver     | 109-1 | 325      | 392      | 250      | 322      | 21.99  | cps   |
| Silver     | 107-1 | 375      | 333      | 400      | 369      | 9.12   | cps   |
| Sodium     | 23-2  | 4468     | 4676     | 4976     | 4707     | 5.43   | cps   |
| Strontium  | 86-1  | 583      | 600      | 633      | 606      | 4.20   | cps   |
| Strontium  | 88-1  | 200      | 275      | 250      | 242      | 15.80  | cps   |
| Sulfur     | 34-1  | 317690   | 316393   | 315644   | 316576   | 0.33   | cps   |
| Terbium    | 159-1 | 12742896 | 12804346 | 11073905 | 12207049 | 8.04   | cps   |
| Terbium    | 159-2 | 2371310  | 2379987  | 2382956  | 2378085  | 0.25   | cps   |
| Thallium   | 203-1 | 208      | 242      | 225      | 225      | 7.41   | cps   |
| Thallium   | 205-1 | 508      | 467      | 550      | 508      | 8.20   | cps   |
| Tin        | 118-1 | 1759     | 1892     | 1867     | 1839     | 3.85   | cps   |
| Titanium   | 47-1  | 117      | 92       | 67       | 92       | 27.27  | cps   |
| Uranium    | 238-1 | 58       | 42       | 25       | 42       | 40.00  | cps   |
| Vanadium   | 51-2  | 3        | 13       | 7        | 8        | 65.47  | cps   |
| Yttrium    | 89-1  | 9138872  | 9226559  | 7932149  | 8765860  | 8.25   | cps   |
| Yttrium    | 89-2  | 255471   | 254183   | 253454   | 254370   | 0.40   | cps   |
| Zinc       | 66-2  | 187      | 133      | 167      | 162      | 16.61  | cps   |

|                         |                     |                   |                     |
|-------------------------|---------------------|-------------------|---------------------|
| LB Number :             | LB97237             | Operator :        | Jaswal              |
| Lab Sample ID :         | PB111872BL          | Instrumnet Name : | P8                  |
| Client Sample ID :      | PB111872BL          | Dilution Factor : | 1                   |
| Date & Time Acquired :: | 2018-08-10 15:18:16 | DataFile Name :   | 058SMPL_P8081018-MS |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|-----------|------|------|------|------|---------|--------|-------|
| Zirconium | 90-1 | 700  | 883  | 800  | 795     | 11.56  | cps   |
| Zirconium | 91-1 | 217  | 192  | 133  | 181     | 23.68  | cps   |

|                         |                     |                   |                     |
|-------------------------|---------------------|-------------------|---------------------|
| LB Number :             | LB97237             | Operator :        | Jaswal              |
| Lab Sample ID :         | PB111872BS          | Instrumnet Name : | P8                  |
| Client Sample ID :      | PB111872BS          | Dilution Factor : | 1                   |
| Date & Time Acquired :: | 2018-08-10 15:21:36 | DataFile Name :   | 059SMPL_P8081018-MS |

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|------------|-------|----------|----------|----------|----------|--------|-------|
| Aluminium  | 27-2  | 48434    | 48364    | 48574    | 48457    | 0.22   | cps   |
| Antimony   | 121-1 | 4513757  | 4543830  | 4518637  | 4525408  | 0.36   | cps   |
| Arsenic    | 75-2  | 39724    | 39904    | 39924    | 39851    | 0.28   | cps   |
| Barium     | 135-1 | 4780202  | 4756845  | 4799080  | 4778709  | 0.44   | cps   |
| Barium     | 137-1 | 8326582  | 8334663  | 8260018  | 8307088  | 0.49   | cps   |
| Beryllium  | 9-1   | 527358   | 522778   | 524514   | 524884   | 0.44   | cps   |
| Bismuth    | 209-1 | 8663435  | 8283667  | 8414607  | 8453903  | 2.28   | cps   |
| Bismuth    | 209-2 | 2096022  | 2071689  | 2113763  | 2093825  | 1.01   | cps   |
| Boron      | 10-1  | 57750    | 59348    | 60864    | 59321    | 2.62   | cps   |
| Boron      | 11-1  | 271788   | 280167   | 289235   | 280397   | 3.11   | cps   |
| Cadmium    | 111-1 | 933395   | 936145   | 932888   | 934142   | 0.19   | cps   |
| Cadmium    | 106-1 | 101161   | 100557   | 98332    | 100017   | 1.49   | cps   |
| Cadmium    | 108-1 | 66764    | 66668    | 66781    | 66738    | 0.09   | cps   |
| Calcium    | 43-1  | 892293   | 881959   | 879902   | 884718   | 0.75   | cps   |
| Calcium    | 44-1  | 14671526 | 14633916 | 14524268 | 14609903 | 0.52   | cps   |
| Chromium   | 52-2  | 334472   | 337699   | 337283   | 336484   | 0.52   | cps   |
| Cobalt     | 59-2  | 741790   | 739602   | 742220   | 741204   | 0.19   | cps   |
| Copper     | 63-2  | 1281609  | 1285440  | 1285602  | 1284217  | 0.18   | cps   |
| Dysprosium | 156-1 | 83       | 100      | 67       | 83       | 20.00  | cps   |
| Dysprosium | 156-2 | 10       | 0        | 3        | 4        | 114.60 | cps   |
| Erbium     | 164-1 | 42       | 75       | 50       | 56       | 31.22  | cps   |
| Erbium     | 164-2 | 7        | 10       | 3        | 7        | 50.03  | cps   |
| Gadolinium | 160-1 | 58       | 75       | 33       | 56       | 37.75  | cps   |
| Gadolinium | 160-2 | 33       | 7        | 7        | 16       | 98.94  | cps   |
| Holmium    | 165-1 | 13110721 | 12820575 | 12567894 | 12833064 | 2.12   | cps   |
| Holmium    | 165-2 | 2561433  | 2539421  | 2564437  | 2555097  | 0.53   | cps   |
| Indium     | 115-1 | 9493897  | 9089127  | 9203163  | 9262062  | 2.25   | cps   |
| Indium     | 115-2 | 348862   | 341816   | 344106   | 344928   | 1.04   | cps   |
| Iron       | 56-2  | 11541551 | 11465737 | 11464895 | 11490728 | 0.38   | cps   |
| Iron       | 57-2  | 284668   | 287045   | 284674   | 285463   | 0.48   | cps   |
| Krypton    | 83-1  | 340      | 337      | 373      | 350      | 5.79   | cps   |
| Lead       | 206-1 | 3262636  | 3226198  | 3234929  | 3241254  | 0.59   | cps   |
| Lead       | 207-1 | 2970184  | 2970715  | 2985733  | 2975544  | 0.30   | cps   |
| Lead       | 208-1 | 13295505 | 13244208 | 13314805 | 13284839 | 0.27   | cps   |
| Lithium    | 6-1   | 1551289  | 1514117  | 1532138  | 1532515  | 1.21   | cps   |
| Magnesium  | 24-2  | 1244059  | 1234781  | 1248745  | 1242528  | 0.57   | cps   |

|                         |                     |                   |                     |
|-------------------------|---------------------|-------------------|---------------------|
| LB Number :             | LB97237             | Operator :        | Jaswal              |
| Lab Sample ID :         | PB111872BS          | Instrumnet Name : | P8                  |
| Client Sample ID :      | PB111872BS          | Dilution Factor : | 1                   |
| Date & Time Acquired :: | 2018-08-10 15:21:36 | DataFile Name :   | 059SMPL_P8081018-MS |

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|------------|-------|----------|----------|----------|----------|--------|-------|
| Manganese  | 55-2  | 187969   | 188401   | 187132   | 187834   | 0.34   | cps   |
| Molybdenum | 94-1  | 7293093  | 7284216  | 7234263  | 7270524  | 0.44   | cps   |
| Molybdenum | 95-1  | 8908990  | 8929706  | 8928887  | 8922527  | 0.13   | cps   |
| Molybdenum | 96-1  | 9967289  | 9920087  | 9891747  | 9926374  | 0.38   | cps   |
| Molybdenum | 97-1  | 5664043  | 5657935  | 5620584  | 5647521  | 0.42   | cps   |
| Molybdenum | 98-1  | 14365111 | 14513053 | 14321865 | 14400010 | 0.70   | cps   |
| Neodymium  | 150-1 | 200      | 173      | 227      | 200      | 13.33  | cps   |
| Neodymium  | 150-2 | 7        | 10       | 3        | 7        | 50.03  | cps   |
| Nickel     | 60-2  | 219657   | 218208   | 216261   | 218042   | 0.78   | cps   |
| Phosphorus | 31-2  | 3067     | 3050     | 3417     | 3178     | 6.52   | cps   |
| Potassium  | 39-2  | 302954   | 299143   | 301547   | 301214   | 0.64   | cps   |
| Rhodium    | 103-1 | 8535338  | 8375229  | 8278435  | 8396334  | 1.55   | cps   |
| Rhodium    | 103-2 | 2209024  | 2160854  | 2196694  | 2188857  | 1.14   | cps   |
| Scandium   | 45-1  | 5156521  | 4998069  | 4967053  | 5040547  | 2.02   | cps   |
| Scandium   | 45-2  | 34850    | 34396    | 34345    | 34530    | 0.81   | cps   |
| Selenium   | 77-2  | 257      | 227      | 263      | 249      | 7.85   | cps   |
| Selenium   | 78-2  | 813      | 933      | 876      | 874      | 6.89   | cps   |
| Selenium   | 82-1  | 54840    | 55012    | 54607    | 54820    | 0.37   | cps   |
| Silicon    | 28-1  | 1945449  | 1943123  | 1935447  | 1941340  | 0.27   | cps   |
| Silver     | 109-1 | 4416519  | 4444925  | 4396037  | 4419160  | 0.56   | cps   |
| Silver     | 107-1 | 4645841  | 4705973  | 4664507  | 4672107  | 0.66   | cps   |
| Sodium     | 23-2  | 2817739  | 2768610  | 2821959  | 2802769  | 1.06   | cps   |
| Strontium  | 86-1  | 1099576  | 1100677  | 1094360  | 1098204  | 0.31   | cps   |
| Strontium  | 88-1  | 9626854  | 9645875  | 9617890  | 9630206  | 0.15   | cps   |
| Sulfur     | 34-1  | 574077   | 581053   | 565485   | 573538   | 1.36   | cps   |
| Terbium    | 159-1 | 13304130 | 13003800 | 12994028 | 13100653 | 1.35   | cps   |
| Terbium    | 159-2 | 2425547  | 2431833  | 2417397  | 2424926  | 0.30   | cps   |
| Thallium   | 203-1 | 3999982  | 3962630  | 3979854  | 3980822  | 0.47   | cps   |
| Thallium   | 205-1 | 9463238  | 9414908  | 9492985  | 9457044  | 0.42   | cps   |
| Tin        | 118-1 | 3113574  | 3130219  | 3128901  | 3124231  | 0.30   | cps   |
| Titanium   | 47-1  | 2268891  | 2235378  | 2207415  | 2237228  | 1.38   | cps   |
| Uranium    | 238-1 | 13092527 | 13170634 | 13212690 | 13158617 | 0.46   | cps   |
| Vanadium   | 51-2  | 249282   | 249006   | 248604   | 248964   | 0.14   | cps   |
| Yttrium    | 89-1  | 9587997  | 9242571  | 9188843  | 9339804  | 2.32   | cps   |
| Yttrium    | 89-2  | 257569   | 253053   | 255912   | 255511   | 0.89   | cps   |
| Zinc       | 66-2  | 109541   | 112683   | 111632   | 111285   | 1.44   | cps   |

|                         |                     |                   |                     |
|-------------------------|---------------------|-------------------|---------------------|
| LB Number :             | LB97237             | Operator :        | Jaswal              |
| Lab Sample ID :         | PB111872BS          | Instrumnet Name : | P8                  |
| Client Sample ID :      | PB111872BS          | Dilution Factor : | 1                   |
| Date & Time Acquired :: | 2018-08-10 15:21:36 | DataFile Name :   | 059SMPL_P8081018-MS |

| Parameter | Mass | CPS1    | CPS2    | CPS3    | CPSMean | CPSRSD | Units |
|-----------|------|---------|---------|---------|---------|--------|-------|
| Zirconium | 90-1 | 6063242 | 6093221 | 6014424 | 6056962 | 0.66   | cps   |
| Zirconium | 91-1 | 1355410 | 1335347 | 1331121 | 1340626 | 0.97   | cps   |



|                         |                     |                   |                     |
|-------------------------|---------------------|-------------------|---------------------|
| LB Number :             | LB97237             | Operator :        | Jaswal              |
| Lab Sample ID :         | J4354-01            | Instrumnet Name : | P8                  |
| Client Sample ID :      | 67-1-CAFE-WC-BSMT   | Dilution Factor : | 1                   |
| Date & Time Acquired :: | 2018-08-10 15:24:48 | DataFile Name :   | 060SMPL_P8081018-MS |

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|------------|-------|----------|----------|----------|----------|--------|-------|
| Aluminium  | 27-2  | 75       | 83       | 80       | 79       | 4.82   | cps   |
| Antimony   | 121-1 | 9454     | 8328     | 8270     | 8684     | 7.69   | cps   |
| Arsenic    | 75-2  | 20       | 22       | 56       | 33       | 60.53  | cps   |
| Barium     | 135-1 | 30929    | 30595    | 30611    | 30712    | 0.61   | cps   |
| Barium     | 137-1 | 55015    | 54195    | 53275    | 54162    | 1.61   | cps   |
| Beryllium  | 9-1   | 322      | 383      | 311      | 339      | 11.48  | cps   |
| Bismuth    | 209-1 | 9431514  | 9432544  | 9531697  | 9465252  | 0.61   | cps   |
| Bismuth    | 209-2 | 2250005  | 2233046  | 2263906  | 2248985  | 0.69   | cps   |
| Boron      | 10-1  | 3025     | 2809     | 2425     | 2753     | 11.04  | cps   |
| Boron      | 11-1  | 14541    | 13031    | 12689    | 13421    | 7.34   | cps   |
| Cadmium    | 111-1 | 1654     | 1614     | 1634     | 1634     | 1.22   | cps   |
| Cadmium    | 106-1 | 2150     | 2125     | 2109     | 2128     | 0.99   | cps   |
| Cadmium    | 108-1 | 25       | 33       | 25       | 28       | 17.31  | cps   |
| Calcium    | 43-1  | 106216   | 103463   | 102556   | 104078   | 1.83   | cps   |
| Calcium    | 44-1  | 1763428  | 1755906  | 1729494  | 1749609  | 1.02   | cps   |
| Chromium   | 52-2  | 543      | 490      | 477      | 503      | 7.01   | cps   |
| Cobalt     | 59-2  | 70       | 80       | 73       | 74       | 6.84   | cps   |
| Copper     | 63-2  | 9770     | 9330     | 9287     | 9462     | 2.83   | cps   |
| Dysprosium | 156-1 | 25       | 33       | 17       | 25       | 33.34  | cps   |
| Dysprosium | 156-2 | 3        | 10       | 0        | 4        | 114.60 | cps   |
| Erbium     | 164-1 | 75       | 33       | 75       | 61       | 39.37  | cps   |
| Erbium     | 164-2 | 3        | 7        | 7        | 6        | 34.70  | cps   |
| Gadolinium | 160-1 | 75       | 117      | 83       | 92       | 24.05  | cps   |
| Gadolinium | 160-2 | 10       | 7        | 13       | 10       | 33.30  | cps   |
| Holmium    | 165-1 | 13850496 | 13918646 | 13899083 | 13889408 | 0.25   | cps   |
| Holmium    | 165-2 | 2626104  | 2617311  | 2661794  | 2635070  | 0.89   | cps   |
| Indium     | 115-1 | 10093229 | 10126426 | 10155226 | 10124961 | 0.31   | cps   |
| Indium     | 115-2 | 365008   | 362606   | 364890   | 364168   | 0.37   | cps   |
| Iron       | 56-2  | 3856     | 3790     | 3684     | 3777     | 2.30   | cps   |
| Iron       | 57-2  | 83       | 117      | 89       | 96       | 18.54  | cps   |
| Krypton    | 83-1  | 393      | 297      | 337      | 342      | 14.19  | cps   |
| Lead       | 206-1 | 1072     | 1017     | 917      | 1002     | 7.87   | cps   |
| Lead       | 207-1 | 922      | 906      | 867      | 898      | 3.17   | cps   |
| Lead       | 208-1 | 4300     | 3961     | 3912     | 4058     | 5.21   | cps   |
| Lithium    | 6-1   | 1689249  | 1650571  | 1681547  | 1673789  | 1.22   | cps   |
| Magnesium  | 24-2  | 29749    | 29014    | 29298    | 29354    | 1.26   | cps   |

|                         |                     |                   |                     |
|-------------------------|---------------------|-------------------|---------------------|
| LB Number :             | LB97237             | Operator :        | Jaswal              |
| Lab Sample ID :         | J4354-01            | Instrumnet Name : | P8                  |
| Client Sample ID :      | 67-1-CAFE-WC-BSMT   | Dilution Factor : | 1                   |
| Date & Time Acquired :: | 2018-08-10 15:24:48 | DataFile Name :   | 060SMPL_P8081018-MS |

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD   | Units |
|------------|-------|----------|----------|----------|----------|----------|-------|
| Manganese  | 55-2  | 1123     | 1187     | 1290     | 1200     | 7.01     | cps   |
| Molybdenum | 94-1  | 4901     | 4501     | 3517     | 4306     | 16.54    | cps   |
| Molybdenum | 95-1  | 4251     | 3192     | 3009     | 3484     | 19.25    | cps   |
| Molybdenum | 96-1  | 5251     | 4026     | 3734     | 4337     | 18.56    | cps   |
| Molybdenum | 97-1  | 2434     | 1967     | 1800     | 2067     | 15.89    | cps   |
| Molybdenum | 98-1  | 6302     | 5626     | 4893     | 5607     | 12.57    | cps   |
| Neodymium  | 150-1 | 7        | 7        | 13       | 9        | 43.25    | cps   |
| Neodymium  | 150-2 | 3        | 0        | 3        | 2        | 86.60    | cps   |
| Nickel     | 60-2  | 583      | 523      | 613      | 573      | 7.99     | cps   |
| Phosphorus | 31-2  | 217      | 283      | 342      | 281      | 22.29    | cps   |
| Potassium  | 39-2  | 8503     | 8328     | 8311     | 8381     | 1.27     | cps   |
| Rhodium    | 103-1 | 9320060  | 9251178  | 9249771  | 9273670  | 0.43     | cps   |
| Rhodium    | 103-2 | 2359983  | 2349442  | 2332688  | 2347371  | 0.59     | cps   |
| Scandium   | 45-1  | 5299265  | 5325133  | 5373601  | 5332666  | 0.71     | cps   |
| Scandium   | 45-2  | 35331    | 35605    | 35375    | 35437    | 0.42     | cps   |
| Selenium   | 77-2  | 0        | 3        | 0        | 1        | 173.21   | cps   |
| Selenium   | 78-2  | 0        | 0        | 0        | 0        | 0.00     | cps   |
| Selenium   | 82-1  | -62      | 54       | -5       | -4       | -1333.17 | cps   |
| Silicon    | 28-1  | 4086578  | 3999922  | 3976068  | 4020856  | 1.45     | cps   |
| Silver     | 109-1 | 850      | 733      | 858      | 814      | 8.59     | cps   |
| Silver     | 107-1 | 1050     | 1017     | 1042     | 1036     | 1.67     | cps   |
| Sodium     | 23-2  | 610202   | 607458   | 602659   | 606773   | 0.63     | cps   |
| Strontium  | 86-1  | 46071    | 45744    | 45970    | 45928    | 0.36     | cps   |
| Strontium  | 88-1  | 394425   | 388920   | 388127   | 390491   | 0.88     | cps   |
| Sulfur     | 34-1  | 338252   | 339986   | 335642   | 337960   | 0.65     | cps   |
| Terbium    | 159-1 | 13979047 | 14053143 | 14193436 | 14075209 | 0.77     | cps   |
| Terbium    | 159-2 | 2496575  | 2482141  | 2503479  | 2494065  | 0.44     | cps   |
| Thallium   | 203-1 | 1742     | 1475     | 975      | 1397     | 27.86    | cps   |
| Thallium   | 205-1 | 4151     | 3176     | 2750     | 3359     | 21.38    | cps   |
| Tin        | 118-1 | 4243     | 3892     | 3826     | 3987     | 5.61     | cps   |
| Titanium   | 47-1  | 583      | 425      | 542      | 517      | 15.89    | cps   |
| Uranium    | 238-1 | 692      | 417      | 483      | 531      | 27.04    | cps   |
| Vanadium   | 51-2  | 23       | 17       | 23       | 21       | 18.21    | cps   |
| Yttrium    | 89-1  | 9948853  | 9940169  | 10019570 | 9969531  | 0.44     | cps   |
| Yttrium    | 89-2  | 264031   | 261930   | 260976   | 262312   | 0.60     | cps   |
| Zinc       | 66-2  | 2714     | 2510     | 2470     | 2565     | 5.09     | cps   |

|                         |                     |                   |                     |
|-------------------------|---------------------|-------------------|---------------------|
| LB Number :             | LB97237             | Operator :        | Jaswal              |
| Lab Sample ID :         | J4354-01            | Instrumnet Name : | P8                  |
| Client Sample ID :      | 67-1-CAFE-WC-BSMT   | Dilution Factor : | 1                   |
| Date & Time Acquired :: | 2018-08-10 15:24:48 | DataFile Name :   | 060SMPL_P8081018-MS |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|-----------|------|------|------|------|---------|--------|-------|
| Zirconium | 90-1 | 7402 | 7060 | 6002 | 6821    | 10.71  | cps   |
| Zirconium | 91-1 | 1684 | 1650 | 1175 | 1503    | 18.92  | cps   |

LB Number : LB97237 Operator : Jaswal  
 Lab Sample ID : J4354-01DUP Instrumnet Name : P8  
 Client Sample ID : 67-1-CAFE-WC-BSMTDL Dilution Factor : 1  
 Date & Time Acquired :: 2018-08-10 15:28:08 DataFile Name : 061SMPL\_P8081018-MS

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|------------|-------|----------|----------|----------|----------|--------|-------|
| Aluminium  | 27-2  | 68       | 95       | 73       | 78       | 18.70  | cps   |
| Antimony   | 121-1 | 3492     | 3801     | 3476     | 3590     | 5.10   | cps   |
| Arsenic    | 75-2  | 30       | 44       | 41       | 38       | 20.14  | cps   |
| Barium     | 135-1 | 31271    | 30520    | 30369    | 30720    | 1.57   | cps   |
| Barium     | 137-1 | 52656    | 54807    | 53693    | 53718    | 2.00   | cps   |
| Beryllium  | 9-1   | 222      | 206      | 244      | 224      | 8.71   | cps   |
| Bismuth    | 209-1 | 9393861  | 9451736  | 9341888  | 9395829  | 0.58   | cps   |
| Bismuth    | 209-2 | 2231819  | 2092371  | 2173401  | 2165864  | 3.23   | cps   |
| Boron      | 10-1  | 1542     | 1558     | 1533     | 1545     | 0.82   | cps   |
| Boron      | 11-1  | 7811     | 7311     | 7069     | 7397     | 5.12   | cps   |
| Cadmium    | 111-1 | 1589     | 1466     | 1391     | 1482     | 6.77   | cps   |
| Cadmium    | 106-1 | 2200     | 2009     | 1909     | 2039     | 7.27   | cps   |
| Cadmium    | 108-1 | 25       | 4        | 29       | 19       | 68.87  | cps   |
| Calcium    | 43-1  | 103128   | 101801   | 102648   | 102525   | 0.66   | cps   |
| Calcium    | 44-1  | 1751836  | 1713853  | 1695246  | 1720312  | 1.68   | cps   |
| Chromium   | 52-2  | 483      | 507      | 440      | 477      | 7.10   | cps   |
| Cobalt     | 59-2  | 73       | 67       | 70       | 70       | 4.76   | cps   |
| Copper     | 63-2  | 8850     | 9133     | 9070     | 9017     | 1.65   | cps   |
| Dysprosium | 156-1 | 50       | 17       | 25       | 31       | 56.77  | cps   |
| Dysprosium | 156-2 | 10       | 7        | 0        | 6        | 91.64  | cps   |
| Erbium     | 164-1 | 58       | 25       | 67       | 50       | 44.10  | cps   |
| Erbium     | 164-2 | 7        | 0        | 0        | 2        | 173.21 | cps   |
| Gadolinium | 160-1 | 58       | 67       | 100      | 75       | 29.40  | cps   |
| Gadolinium | 160-2 | 17       | 3        | 10       | 10       | 66.70  | cps   |
| Holmium    | 165-1 | 13673412 | 13683694 | 13641520 | 13666208 | 0.16   | cps   |
| Holmium    | 165-2 | 2620948  | 2444894  | 2530561  | 2532134  | 3.48   | cps   |
| Indium     | 115-1 | 10012133 | 9971078  | 9973540  | 9985583  | 0.23   | cps   |
| Indium     | 115-2 | 366076   | 335490   | 349688   | 350418   | 4.37   | cps   |
| Iron       | 56-2  | 3528     | 3512     | 3428     | 3489     | 1.54   | cps   |
| Iron       | 57-2  | 72       | 117      | 100      | 96       | 23.32  | cps   |
| Krypton    | 83-1  | 337      | 387      | 313      | 346      | 10.84  | cps   |
| Lead       | 206-1 | 728      | 806      | 778      | 770      | 5.12   | cps   |
| Lead       | 207-1 | 706      | 750      | 750      | 735      | 3.49   | cps   |
| Lead       | 208-1 | 3278     | 3406     | 3339     | 3341     | 1.91   | cps   |
| Lithium    | 6-1   | 1665676  | 1652058  | 1680360  | 1666031  | 0.85   | cps   |
| Magnesium  | 24-2  | 29707    | 28237    | 29915    | 29287    | 3.12   | cps   |

|                         |                     |                   |                     |
|-------------------------|---------------------|-------------------|---------------------|
| LB Number :             | LB97237             | Operator :        | Jaswal              |
| Lab Sample ID :         | J4354-01DUP         | Instrumnet Name : | P8                  |
| Client Sample ID :      | 67-1-CAFE-WC-BSMTDL | Dilution Factor : | 1                   |
| Date & Time Acquired :: | 2018-08-10 15:28:08 | DataFile Name :   | 061SMPL_P8081018-MS |

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|------------|-------|----------|----------|----------|----------|--------|-------|
| Manganese  | 55-2  | 1187     | 1293     | 1260     | 1247     | 4.38   | cps   |
| Molybdenum | 94-1  | 1925     | 1967     | 1734     | 1875     | 6.64   | cps   |
| Molybdenum | 95-1  | 1200     | 983      | 1008     | 1064     | 11.14  | cps   |
| Molybdenum | 96-1  | 1467     | 1217     | 1258     | 1314     | 10.19  | cps   |
| Molybdenum | 97-1  | 792      | 742      | 683      | 739      | 7.34   | cps   |
| Molybdenum | 98-1  | 2084     | 1700     | 1600     | 1795     | 14.22  | cps   |
| Neodymium  | 150-1 | 20       | 20       | 0        | 13       | 86.60  | cps   |
| Neodymium  | 150-2 | 0        | 0        | 0        | 0        | 0.00   | cps   |
| Nickel     | 60-2  | 660      | 583      | 547      | 597      | 9.69   | cps   |
| Phosphorus | 31-2  | 308      | 208      | 283      | 267      | 19.52  | cps   |
| Potassium  | 39-2  | 8553     | 8511     | 7886     | 8317     | 4.49   | cps   |
| Rhodium    | 103-1 | 9188604  | 9154117  | 9140381  | 9161034  | 0.27   | cps   |
| Rhodium    | 103-2 | 2372795  | 2176154  | 2270877  | 2273275  | 4.33   | cps   |
| Scandium   | 45-1  | 5210399  | 5329240  | 5195014  | 5244884  | 1.40   | cps   |
| Scandium   | 45-2  | 35795    | 32758    | 33764    | 34106    | 4.54   | cps   |
| Selenium   | 77-2  | 0        | 0        | 0        | 0        | 0.00   | cps   |
| Selenium   | 78-2  | 0        | 2        | 7        | 3        | 124.95 | cps   |
| Selenium   | 82-1  | -23      | -67      | -58      | -49      | -46.94 | cps   |
| Silicon    | 28-1  | 4017694  | 3986517  | 3967586  | 3990599  | 0.63   | cps   |
| Silver     | 109-1 | 1034     | 592      | 625      | 750      | 32.85  | cps   |
| Silver     | 107-1 | 617      | 733      | 683      | 678      | 8.64   | cps   |
| Sodium     | 23-2  | 606149   | 595766   | 599875   | 600596   | 0.87   | cps   |
| Strontium  | 86-1  | 45669    | 46062    | 44005    | 45245    | 2.41   | cps   |
| Strontium  | 88-1  | 392783   | 387321   | 385311   | 388472   | 1.00   | cps   |
| Sulfur     | 34-1  | 335072   | 332166   | 331572   | 332937   | 0.56   | cps   |
| Terbium    | 159-1 | 13894635 | 14013706 | 13953326 | 13953889 | 0.43   | cps   |
| Terbium    | 159-2 | 2495154  | 2300820  | 2417926  | 2404634  | 4.07   | cps   |
| Thallium   | 203-1 | 467      | 358      | 358      | 394      | 15.86  | cps   |
| Thallium   | 205-1 | 1067     | 967      | 983      | 1006     | 5.33   | cps   |
| Tin        | 118-1 | 2375     | 2192     | 2475     | 2348     | 6.12   | cps   |
| Titanium   | 47-1  | 392      | 433      | 425      | 417      | 5.29   | cps   |
| Uranium    | 238-1 | 242      | 200      | 175      | 206      | 16.38  | cps   |
| Vanadium   | 51-2  | 27       | 23       | 20       | 23       | 14.29  | cps   |
| Yttrium    | 89-1  | 9824718  | 9957856  | 9840788  | 9874454  | 0.74   | cps   |
| Yttrium    | 89-2  | 262448   | 239569   | 252869   | 251629   | 4.57   | cps   |
| Zinc       | 66-2  | 2310     | 2504     | 2527     | 2447     | 4.86   | cps   |

|                         |                     |                   |                     |
|-------------------------|---------------------|-------------------|---------------------|
| LB Number :             | LB97237             | Operator :        | Jaswal              |
| Lab Sample ID :         | J4354-01DUP         | Instrumnet Name : | P8                  |
| Client Sample ID :      | 67-1-CAFE-WC-BSMTDL | Dilution Factor : | 1                   |
| Date & Time Acquired :: | 2018-08-10 15:28:08 | DataFile Name :   | 061SMPL_P8081018-MS |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|-----------|------|------|------|------|---------|--------|-------|
| Zirconium | 90-1 | 3934 | 3684 | 3142 | 3587    | 11.29  | cps   |
| Zirconium | 91-1 | 892  | 983  | 658  | 845     | 19.84  | cps   |

|                         |                     |                   |                     |
|-------------------------|---------------------|-------------------|---------------------|
| LB Number :             | LB97237             | Operator :        | Jaswal              |
| Lab Sample ID :         | J4354-01LX5         | Instrumnet Name : | P8                  |
| Client Sample ID :      | 67-1-CAFE-WC-BSMTL  | Dilution Factor : | 5                   |
| Date & Time Acquired :: | 2018-08-10 15:31:28 | DataFile Name :   | 062SMPL_P8081018-MS |

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|------------|-------|----------|----------|----------|----------|--------|-------|
| Aluminium  | 27-2  | 25       | 28       | 10       | 21       | 45.44  | cps   |
| Antimony   | 121-1 | 1759     | 2067     | 1967     | 1931     | 8.15   | cps   |
| Arsenic    | 75-2  | 13       | 13       | 7        | 11       | 28.84  | cps   |
| Barium     | 135-1 | 5977     | 5476     | 5510     | 5654     | 4.95   | cps   |
| Barium     | 137-1 | 9671     | 8987     | 9779     | 9479     | 4.53   | cps   |
| Beryllium  | 9-1   | 206      | 144      | 194      | 181      | 17.94  | cps   |
| Bismuth    | 209-1 | 8650991  | 8679962  | 8481883  | 8604279  | 1.24   | cps   |
| Bismuth    | 209-2 | 2059414  | 2087991  | 2068593  | 2071999  | 0.70   | cps   |
| Boron      | 10-1  | 908      | 892      | 933      | 911      | 2.30   | cps   |
| Boron      | 11-1  | 4776     | 4693     | 4576     | 4682     | 2.15   | cps   |
| Cadmium    | 111-1 | 1385     | 1348     | 1271     | 1334     | 4.38   | cps   |
| Cadmium    | 106-1 | 1934     | 1917     | 1792     | 1881     | 4.12   | cps   |
| Cadmium    | 108-1 | 8        | 33       | 13       | 18       | 74.19  | cps   |
| Calcium    | 43-1  | 19381    | 19473    | 18730    | 19194    | 2.11   | cps   |
| Calcium    | 44-1  | 310687   | 310423   | 316571   | 312560   | 1.11   | cps   |
| Chromium   | 52-2  | 327      | 380      | 363      | 357      | 7.65   | cps   |
| Cobalt     | 59-2  | 43       | 33       | 23       | 33       | 30.00  | cps   |
| Copper     | 63-2  | 2400     | 2444     | 2497     | 2447     | 1.98   | cps   |
| Dysprosium | 156-1 | 17       | 0        | 0        | 6        | 173.21 | cps   |
| Dysprosium | 156-2 | 3        | 3        | 0        | 2        | 86.60  | cps   |
| Erbium     | 164-1 | 33       | 25       | 50       | 36       | 35.25  | cps   |
| Erbium     | 164-2 | 3        | 10       | 10       | 8        | 49.52  | cps   |
| Gadolinium | 160-1 | 25       | 58       | 92       | 58       | 57.14  | cps   |
| Gadolinium | 160-2 | 7        | 3        | 7        | 6        | 34.70  | cps   |
| Holmium    | 165-1 | 12603096 | 12811932 | 12581916 | 12665648 | 1.00   | cps   |
| Holmium    | 165-2 | 2441168  | 2491070  | 2444751  | 2458996  | 1.13   | cps   |
| Indium     | 115-1 | 9296092  | 9285188  | 9181303  | 9254194  | 0.68   | cps   |
| Indium     | 115-2 | 339973   | 342822   | 336069   | 339621   | 1.00   | cps   |
| Iron       | 56-2  | 1611     | 1406     | 1511     | 1509     | 6.81   | cps   |
| Iron       | 57-2  | 39       | 61       | 28       | 43       | 39.84  | cps   |
| Krypton    | 83-1  | 357      | 343      | 357      | 352      | 2.19   | cps   |
| Lead       | 206-1 | 350      | 422      | 328      | 367      | 13.47  | cps   |
| Lead       | 207-1 | 339      | 372      | 400      | 370      | 8.26   | cps   |
| Lead       | 208-1 | 1539     | 1689     | 1611     | 1613     | 4.65   | cps   |
| Lithium    | 6-1   | 1525380  | 1521239  | 1509057  | 1518559  | 0.56   | cps   |
| Magnesium  | 24-2  | 5751     | 5268     | 5901     | 5640     | 5.87   | cps   |

|                         |                     |                   |                     |
|-------------------------|---------------------|-------------------|---------------------|
| LB Number :             | LB97237             | Operator :        | Jaswal              |
| Lab Sample ID :         | J4354-01LX5         | Instrumnet Name : | P8                  |
| Client Sample ID :      | 67-1-CAFE-WC-BSMTL  | Dilution Factor : | 5                   |
| Date & Time Acquired :: | 2018-08-10 15:31:28 | DataFile Name :   | 062SMPL_P8081018-MS |

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|------------|-------|----------|----------|----------|----------|--------|-------|
| Manganese  | 55-2  | 250      | 283      | 280      | 271      | 6.77   | cps   |
| Molybdenum | 94-1  | 750      | 867      | 700      | 772      | 11.08  | cps   |
| Molybdenum | 95-1  | 550      | 492      | 567      | 536      | 7.35   | cps   |
| Molybdenum | 96-1  | 583      | 758      | 800      | 714      | 16.11  | cps   |
| Molybdenum | 97-1  | 383      | 408      | 317      | 369      | 12.83  | cps   |
| Molybdenum | 98-1  | 717      | 758      | 967      | 814      | 16.46  | cps   |
| Neodymium  | 150-1 | 0        | 0        | 7        | 2        | 173.21 | cps   |
| Neodymium  | 150-2 | 0        | 3        | 0        | 1        | 173.21 | cps   |
| Nickel     | 60-2  | 247      | 230      | 177      | 218      | 16.79  | cps   |
| Phosphorus | 31-2  | 17       | 33       | 17       | 22       | 43.28  | cps   |
| Potassium  | 39-2  | 2884     | 2859     | 2884     | 2875     | 0.50   | cps   |
| Rhodium    | 103-1 | 8588029  | 8643546  | 8472959  | 8568178  | 1.02   | cps   |
| Rhodium    | 103-2 | 2191244  | 2213263  | 2180158  | 2194888  | 0.77   | cps   |
| Scandium   | 45-1  | 4941422  | 4936257  | 4861006  | 4912895  | 0.92   | cps   |
| Scandium   | 45-2  | 32732    | 32865    | 32675    | 32757    | 0.30   | cps   |
| Selenium   | 77-2  | 0        | 0        | 0        | 0        | 0.00   | cps   |
| Selenium   | 78-2  | 2        | 2        | 0        | 1        | 86.60  | cps   |
| Selenium   | 82-1  | -37      | -33      | -52      | -41      | -23.85 | cps   |
| Silicon    | 28-1  | 968696   | 1050402  | 1062919  | 1027339  | 4.98   | cps   |
| Silver     | 109-1 | 425      | 300      | 342      | 356      | 17.90  | cps   |
| Silver     | 107-1 | 467      | 292      | 342      | 367      | 24.58  | cps   |
| Sodium     | 23-2  | 111501   | 112005   | 112533   | 112013   | 0.46   | cps   |
| Strontium  | 86-1  | 8303     | 8486     | 7836     | 8208     | 4.09   | cps   |
| Strontium  | 88-1  | 68849    | 69846    | 69812    | 69502    | 0.81   | cps   |
| Sulfur     | 34-1  | 311545   | 310481   | 316820   | 312949   | 1.08   | cps   |
| Terbium    | 159-1 | 12950678 | 13117857 | 12848647 | 12972394 | 1.05   | cps   |
| Terbium    | 159-2 | 2315530  | 2336523  | 2282286  | 2311446  | 1.18   | cps   |
| Thallium   | 203-1 | 233      | 267      | 275      | 258      | 8.53   | cps   |
| Thallium   | 205-1 | 550      | 625      | 500      | 558      | 11.27  | cps   |
| Tin        | 118-1 | 2275     | 2550     | 2109     | 2311     | 9.65   | cps   |
| Titanium   | 47-1  | 142      | 242      | 192      | 192      | 26.09  | cps   |
| Uranium    | 238-1 | 50       | 83       | 58       | 64       | 27.15  | cps   |
| Vanadium   | 51-2  | 20       | 17       | 33       | 23       | 37.78  | cps   |
| Yttrium    | 89-1  | 9207295  | 9157923  | 9058106  | 9141108  | 0.83   | cps   |
| Yttrium    | 89-2  | 246376   | 249926   | 243890   | 246731   | 1.23   | cps   |
| Zinc       | 66-2  | 523      | 610      | 517      | 550      | 9.47   | cps   |



|                         |                     |                   |                     |
|-------------------------|---------------------|-------------------|---------------------|
| LB Number :             | LB97237             | Operator :        | Jaswal              |
| Lab Sample ID :         | J4354-01LX5         | Instrumnet Name : | P8                  |
| Client Sample ID :      | 67-1-CAFE-WC-BSMTL  | Dilution Factor : | 5                   |
| Date & Time Acquired :: | 2018-08-10 15:31:28 | DataFile Name :   | 062SMPL_P8081018-MS |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|-----------|------|------|------|------|---------|--------|-------|
| Zirconium | 90-1 | 1200 | 1092 | 1350 | 1214    | 10.69  | cps   |
| Zirconium | 91-1 | 217  | 217  | 258  | 231     | 10.43  | cps   |

LB Number : LB97237 Operator : Jaswal  
 Lab Sample ID : J4354-01MS Instrumnet Name : P8  
 Client Sample ID : 67-1-CAFE-WC-BSMTM Dilution Factor : 1  
 Date & Time Acquired :: 2018-08-10 15:34:49 DataFile Name : 063SMPL\_P8081018-MS

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|------------|-------|----------|----------|----------|----------|--------|-------|
| Aluminium  | 27-2  | 9571     | 9438     | 9506     | 9505     | 0.70   | cps   |
| Antimony   | 121-1 | 6958401  | 6947533  | 6773544  | 6893160  | 1.50   | cps   |
| Arsenic    | 75-2  | 62931    | 62360    | 63210    | 62834    | 0.69   | cps   |
| Barium     | 135-1 | 435559   | 441576   | 434041   | 437059   | 0.91   | cps   |
| Barium     | 137-1 | 772717   | 764224   | 769249   | 768730   | 0.56   | cps   |
| Beryllium  | 9-1   | 218861   | 219416   | 216813   | 218363   | 0.63   | cps   |
| Bismuth    | 209-1 | 9353074  | 9081302  | 9449895  | 9294757  | 2.06   | cps   |
| Bismuth    | 209-2 | 2032700  | 2120574  | 2152401  | 2101892  | 2.95   | cps   |
| Boron      | 10-1  | 38026    | 36974    | 38837    | 37946    | 2.46   | cps   |
| Boron      | 11-1  | 175290   | 175411   | 178741   | 176481   | 1.11   | cps   |
| Cadmium    | 111-1 | 397022   | 401823   | 395177   | 398007   | 0.86   | cps   |
| Cadmium    | 106-1 | 37135    | 38055    | 37419    | 37537    | 1.25   | cps   |
| Cadmium    | 108-1 | 25858    | 26172    | 25909    | 25980    | 0.65   | cps   |
| Calcium    | 43-1  | 118950   | 120656   | 121463   | 120356   | 1.07   | cps   |
| Calcium    | 44-1  | 2021197  | 2048422  | 2000547  | 2023389  | 1.19   | cps   |
| Chromium   | 52-2  | 273189   | 271348   | 270579   | 271705   | 0.49   | cps   |
| Cobalt     | 59-2  | 308829   | 307287   | 305916   | 307344   | 0.47   | cps   |
| Copper     | 63-2  | 422856   | 423899   | 422002   | 422919   | 0.22   | cps   |
| Dysprosium | 156-1 | 366867   | 360799   | 360856   | 362840   | 0.96   | cps   |
| Dysprosium | 156-2 | 6045     | 6288     | 6288     | 6207     | 2.26   | cps   |
| Erbium     | 164-1 | 150      | 100      | 58       | 103      | 44.65  | cps   |
| Erbium     | 164-2 | 7        | 10       | 10       | 9        | 21.63  | cps   |
| Gadolinium | 160-1 | 158      | 183      | 108      | 150      | 25.46  | cps   |
| Gadolinium | 160-2 | 10       | 7        | 17       | 11       | 45.82  | cps   |
| Holmium    | 165-1 | 13669651 | 13271649 | 13743814 | 13561705 | 1.87   | cps   |
| Holmium    | 165-2 | 2394620  | 2498324  | 2573013  | 2488652  | 3.60   | cps   |
| Indium     | 115-1 | 9914531  | 9646837  | 9934503  | 9831957  | 1.63   | cps   |
| Indium     | 115-2 | 321077   | 340237   | 344032   | 335116   | 3.67   | cps   |
| Iron       | 56-2  | 1434573  | 1422082  | 1440755  | 1432470  | 0.66   | cps   |
| Iron       | 57-2  | 34978    | 34683    | 34783    | 34814    | 0.43   | cps   |
| Krypton    | 83-1  | 380      | 343      | 330      | 351      | 7.37   | cps   |
| Lead       | 206-1 | 6986138  | 6926908  | 6903151  | 6938732  | 0.62   | cps   |
| Lead       | 207-1 | 6187881  | 6220020  | 6174243  | 6194048  | 0.38   | cps   |
| Lead       | 208-1 | 28242157 | 28403208 | 28093594 | 28246320 | 0.55   | cps   |
| Lithium    | 6-1   | 1653245  | 1592417  | 1658682  | 1634782  | 2.25   | cps   |
| Magnesium  | 24-2  | 77738    | 76547    | 77939    | 77408    | 0.97   | cps   |

|                         |                     |                   |                     |
|-------------------------|---------------------|-------------------|---------------------|
| LB Number :             | LB97237             | Operator :        | Jaswal              |
| Lab Sample ID :         | J4354-01MS          | Instrumnet Name : | P8                  |
| Client Sample ID :      | 67-1-CAFE-WC-BSMTM  | Dilution Factor : | 1                   |
| Date & Time Acquired :: | 2018-08-10 15:34:49 | DataFile Name :   | 063SMPL_P8081018-MS |

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|------------|-------|----------|----------|----------|----------|--------|-------|
| Manganese  | 55-2  | 38463    | 37514    | 38119    | 38032    | 1.26   | cps   |
| Molybdenum | 94-1  | 846065   | 842944   | 837823   | 842277   | 0.49   | cps   |
| Molybdenum | 95-1  | 1505187  | 1506037  | 1512333  | 1507852  | 0.26   | cps   |
| Molybdenum | 96-1  | 1639077  | 1627507  | 1631351  | 1632645  | 0.36   | cps   |
| Molybdenum | 97-1  | 927132   | 925495   | 920566   | 924398   | 0.37   | cps   |
| Molybdenum | 98-1  | 2453545  | 2429398  | 2412456  | 2431800  | 0.85   | cps   |
| Neodymium  | 150-1 | 60       | 67       | 27       | 51       | 41.93  | cps   |
| Neodymium  | 150-2 | 3        | 3        | 7        | 4        | 43.40  | cps   |
| Nickel     | 60-2  | 226927   | 226269   | 226322   | 226506   | 0.16   | cps   |
| Phosphorus | 31-2  | 2092     | 2159     | 2175     | 2142     | 2.06   | cps   |
| Potassium  | 39-2  | 126179   | 128508   | 127195   | 127294   | 0.92   | cps   |
| Rhodium    | 103-1 | 9120235  | 8882389  | 9219197  | 9073941  | 1.91   | cps   |
| Rhodium    | 103-2 | 2153073  | 2255116  | 2262201  | 2223463  | 2.75   | cps   |
| Scandium   | 45-1  | 5274066  | 5053802  | 5299773  | 5209214  | 2.60   | cps   |
| Scandium   | 45-2  | 31395    | 33634    | 34098    | 33042    | 4.37   | cps   |
| Selenium   | 77-2  | 1173     | 1053     | 1100     | 1109     | 5.46   | cps   |
| Selenium   | 78-2  | 3621     | 3760     | 3652     | 3678     | 1.98   | cps   |
| Selenium   | 82-1  | 233202   | 233117   | 232006   | 232775   | 0.29   | cps   |
| Silicon    | 28-1  | 7142316  | 7048642  | 7090655  | 7093871  | 0.66   | cps   |
| Silver     | 109-1 | 690392   | 699342   | 694693   | 694809   | 0.64   | cps   |
| Silver     | 107-1 | 730108   | 727840   | 722186   | 726711   | 0.56   | cps   |
| Sodium     | 23-2  | 753230   | 747895   | 747169   | 749431   | 0.44   | cps   |
| Strontium  | 86-1  | 504453   | 499985   | 504335   | 502924   | 0.51   | cps   |
| Strontium  | 88-1  | 4480923  | 4484493  | 4404037  | 4456484  | 1.02   | cps   |
| Sulfur     | 34-1  | 329880   | 324974   | 319856   | 324903   | 1.54   | cps   |
| Terbium    | 159-1 | 14060766 | 13638584 | 14080116 | 13926489 | 1.79   | cps   |
| Terbium    | 159-2 | 2263278  | 2352223  | 2400807  | 2338769  | 2.98   | cps   |
| Thallium   | 203-1 | 17011451 | 16981430 | 16941977 | 16978286 | 0.21   | cps   |
| Thallium   | 205-1 | 41040882 | 41183488 | 40863867 | 41029412 | 0.39   | cps   |
| Tin        | 118-1 | 4456834  | 4567242  | 4462094  | 4495390  | 1.39   | cps   |
| Titanium   | 47-1  | 185039   | 184945   | 183386   | 184457   | 0.50   | cps   |
| Uranium    | 238-1 | 175      | 200      | 183      | 186      | 6.84   | cps   |
| Vanadium   | 51-2  | 150505   | 147830   | 148581   | 148972   | 0.93   | cps   |
| Yttrium    | 89-1  | 9950895  | 9557764  | 9900324  | 9802994  | 2.18   | cps   |
| Yttrium    | 89-2  | 239649   | 248971   | 252868   | 247163   | 2.75   | cps   |
| Zinc       | 66-2  | 25837    | 25520    | 25791    | 25716    | 0.67   | cps   |

|                         |                     |                   |                     |
|-------------------------|---------------------|-------------------|---------------------|
| LB Number :             | LB97237             | Operator :        | Jaswal              |
| Lab Sample ID :         | J4354-01MS          | Instrumnet Name : | P8                  |
| Client Sample ID :      | 67-1-CAFE-WC-BSMTM  | Dilution Factor : | 1                   |
| Date & Time Acquired :: | 2018-08-10 15:34:49 | DataFile Name :   | 063SMPL_P8081018-MS |

| Parameter | Mass | CPS1  | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|-----------|------|-------|------|------|---------|--------|-------|
| Zirconium | 90-1 | 11489 | 8937 | 8453 | 9626    | 16.94  | cps   |
| Zirconium | 91-1 | 3276  | 2467 | 2367 | 2703    | 18.43  | cps   |

|                         |                     |                   |                     |
|-------------------------|---------------------|-------------------|---------------------|
| LB Number :             | LB97237             | Operator :        | Jaswal              |
| Lab Sample ID :         | J4354-01MSD         | Instrumnet Name : | P8                  |
| Client Sample ID :      | 67-1-CAFE-WC-BSMTM  | Dilution Factor : | 1                   |
| Date & Time Acquired :: | 2018-08-10 15:38:05 | DataFile Name :   | 064SMPL_P8081018-MS |

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|------------|-------|----------|----------|----------|----------|--------|-------|
| Aluminium  | 27-2  | 9293     | 9228     | 9165     | 9229     | 0.69   | cps   |
| Antimony   | 121-1 | 6895714  | 6919083  | 6812714  | 6875837  | 0.81   | cps   |
| Arsenic    | 75-2  | 62622    | 61486    | 61823    | 61977    | 0.94   | cps   |
| Barium     | 135-1 | 432276   | 436688   | 433942   | 434302   | 0.51   | cps   |
| Barium     | 137-1 | 772387   | 760679   | 768329   | 767131   | 0.78   | cps   |
| Beryllium  | 9-1   | 219746   | 214634   | 212443   | 215608   | 1.74   | cps   |
| Bismuth    | 209-1 | 9255121  | 9298608  | 9121654  | 9225128  | 1.00   | cps   |
| Bismuth    | 209-2 | 2073595  | 2203923  | 2155357  | 2144291  | 3.07   | cps   |
| Boron      | 10-1  | 38193    | 38227    | 40433    | 38951    | 3.30   | cps   |
| Boron      | 11-1  | 173857   | 179519   | 181214   | 178197   | 2.16   | cps   |
| Cadmium    | 111-1 | 396929   | 399238   | 395138   | 397102   | 0.52   | cps   |
| Cadmium    | 106-1 | 36726    | 36885    | 36233    | 36615    | 0.93   | cps   |
| Cadmium    | 108-1 | 25416    | 25587    | 25721    | 25575    | 0.60   | cps   |
| Calcium    | 43-1  | 120052   | 118370   | 119203   | 119208   | 0.71   | cps   |
| Calcium    | 44-1  | 2026491  | 2009166  | 1967314  | 2000991  | 1.52   | cps   |
| Chromium   | 52-2  | 268509   | 264687   | 264370   | 265855   | 0.87   | cps   |
| Cobalt     | 59-2  | 305781   | 300734   | 298756   | 301757   | 1.20   | cps   |
| Copper     | 63-2  | 417883   | 414284   | 415807   | 415991   | 0.43   | cps   |
| Dysprosium | 156-1 | 366591   | 360290   | 358523   | 361801   | 1.17   | cps   |
| Dysprosium | 156-2 | 6245     | 6011     | 5991     | 6083     | 2.32   | cps   |
| Erbium     | 164-1 | 125      | 108      | 83       | 106      | 19.87  | cps   |
| Erbium     | 164-2 | 17       | 20       | 27       | 21       | 24.12  | cps   |
| Gadolinium | 160-1 | 150      | 225      | 175      | 183      | 20.83  | cps   |
| Gadolinium | 160-2 | 20       | 20       | 10       | 17       | 34.64  | cps   |
| Holmium    | 165-1 | 13482220 | 13689558 | 13393203 | 13521660 | 1.12   | cps   |
| Holmium    | 165-2 | 2504026  | 2604070  | 2584407  | 2564168  | 2.07   | cps   |
| Indium     | 115-1 | 9599647  | 9732119  | 9600357  | 9644041  | 0.79   | cps   |
| Indium     | 115-2 | 335059   | 347383   | 343166   | 341869   | 1.83   | cps   |
| Iron       | 56-2  | 1420862  | 1361970  | 1357545  | 1380126  | 2.56   | cps   |
| Iron       | 57-2  | 35033    | 34170    | 33680    | 34295    | 2.00   | cps   |
| Krypton    | 83-1  | 320      | 283      | 320      | 308      | 6.88   | cps   |
| Lead       | 206-1 | 6991143  | 6862718  | 6898034  | 6917298  | 0.96   | cps   |
| Lead       | 207-1 | 6292283  | 6167469  | 6162934  | 6207562  | 1.18   | cps   |
| Lead       | 208-1 | 28450190 | 28255386 | 28228809 | 28311462 | 0.43   | cps   |
| Lithium    | 6-1   | 1609953  | 1627860  | 1595027  | 1610947  | 1.02   | cps   |
| Magnesium  | 24-2  | 79095    | 75819    | 75609    | 76841    | 2.54   | cps   |

|                         |                     |                   |                     |
|-------------------------|---------------------|-------------------|---------------------|
| LB Number :             | LB97237             | Operator :        | Jaswal              |
| Lab Sample ID :         | J4354-01MSD         | Instrumnet Name : | P8                  |
| Client Sample ID :      | 67-1-CAFE-WC-BSMTM  | Dilution Factor : | 1                   |
| Date & Time Acquired :: | 2018-08-10 15:38:05 | DataFile Name :   | 064SMPL_P8081018-MS |

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|------------|-------|----------|----------|----------|----------|--------|-------|
| Manganese  | 55-2  | 37942    | 37628    | 37240    | 37603    | 0.94   | cps   |
| Molybdenum | 94-1  | 835717   | 837855   | 832207   | 835259   | 0.34   | cps   |
| Molybdenum | 95-1  | 1514460  | 1479605  | 1477904  | 1490656  | 1.38   | cps   |
| Molybdenum | 96-1  | 1614227  | 1612289  | 1598248  | 1608255  | 0.54   | cps   |
| Molybdenum | 97-1  | 923106   | 919838   | 919874   | 920939   | 0.20   | cps   |
| Molybdenum | 98-1  | 2420966  | 2412300  | 2416888  | 2416718  | 0.18   | cps   |
| Neodymium  | 150-1 | 47       | 20       | 73       | 47       | 57.15  | cps   |
| Neodymium  | 150-2 | 10       | 7        | 0        | 6        | 91.64  | cps   |
| Nickel     | 60-2  | 225332   | 222324   | 221411   | 223023   | 0.92   | cps   |
| Phosphorus | 31-2  | 2167     | 2025     | 2034     | 2075     | 3.83   | cps   |
| Potassium  | 39-2  | 125691   | 125732   | 122362   | 124595   | 1.55   | cps   |
| Rhodium    | 103-1 | 8898569  | 9004055  | 8846474  | 8916366  | 0.90   | cps   |
| Rhodium    | 103-2 | 2184903  | 2300269  | 2270359  | 2251844  | 2.66   | cps   |
| Scandium   | 45-1  | 5128544  | 5108070  | 5044403  | 5093672  | 0.86   | cps   |
| Scandium   | 45-2  | 31803    | 34302    | 33313    | 33139    | 3.80   | cps   |
| Selenium   | 77-2  | 1117     | 1040     | 1083     | 1080     | 3.56   | cps   |
| Selenium   | 78-2  | 3663     | 3604     | 3549     | 3605     | 1.59   | cps   |
| Selenium   | 82-1  | 230778   | 231443   | 229654   | 230625   | 0.39   | cps   |
| Silicon    | 28-1  | 6998215  | 6933955  | 6929351  | 6953840  | 0.55   | cps   |
| Silver     | 109-1 | 694423   | 687866   | 685572   | 689287   | 0.67   | cps   |
| Silver     | 107-1 | 728574   | 720081   | 717145   | 721933   | 0.82   | cps   |
| Sodium     | 23-2  | 754982   | 741633   | 740979   | 745865   | 1.06   | cps   |
| Strontium  | 86-1  | 502749   | 501812   | 496771   | 500444   | 0.64   | cps   |
| Strontium  | 88-1  | 4413269  | 4413716  | 4375149  | 4400711  | 0.50   | cps   |
| Sulfur     | 34-1  | 311600   | 309702   | 306848   | 309383   | 0.77   | cps   |
| Terbium    | 159-1 | 13689781 | 13860329 | 13634062 | 13728057 | 0.86   | cps   |
| Terbium    | 159-2 | 2375798  | 2440917  | 2416290  | 2411002  | 1.36   | cps   |
| Thallium   | 203-1 | 17142381 | 17056924 | 17028235 | 17075847 | 0.35   | cps   |
| Thallium   | 205-1 | 40986267 | 40987300 | 41191725 | 41055097 | 0.29   | cps   |
| Tin        | 118-1 | 4529031  | 4517108  | 4500917  | 4515685  | 0.31   | cps   |
| Titanium   | 47-1  | 182051   | 182398   | 181672   | 182040   | 0.20   | cps   |
| Uranium    | 238-1 | 267      | 183      | 208      | 219      | 19.49  | cps   |
| Vanadium   | 51-2  | 149056   | 146883   | 145320   | 147087   | 1.28   | cps   |
| Yttrium    | 89-1  | 9618762  | 9688249  | 9548548  | 9618520  | 0.73   | cps   |
| Yttrium    | 89-2  | 243778   | 253578   | 252012   | 249789   | 2.11   | cps   |
| Zinc       | 66-2  | 25360    | 25383    | 25226    | 25323    | 0.33   | cps   |

|                         |                     |                   |                     |
|-------------------------|---------------------|-------------------|---------------------|
| LB Number :             | LB97237             | Operator :        | Jaswal              |
| Lab Sample ID :         | J4354-01MSD         | Instrumnet Name : | P8                  |
| Client Sample ID :      | 67-1-CAFE-WC-BSMTM  | Dilution Factor : | 1                   |
| Date & Time Acquired :: | 2018-08-10 15:38:05 | DataFile Name :   | 064SMPL_P8081018-MS |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|-----------|------|------|------|------|---------|--------|-------|
| Zirconium | 90-1 | 5101 | 4509 | 4493 | 4701    | 7.37   | cps   |
| Zirconium | 91-1 | 1759 | 1559 | 1442 | 1586    | 10.10  | cps   |

|                         |                     |                   |                      |
|-------------------------|---------------------|-------------------|----------------------|
| LB Number :             | LB97237             | Operator :        | Jaswal               |
| Lab Sample ID :         | CCV94               | Instrumnet Name : | P8                   |
| Client Sample ID :      | CCV94               | Dilution Factor : | 1                    |
| Date & Time Acquired :: | 2018-08-10 15:41:20 | DataFile Name :   | 065CCV_P8081018-MS.I |

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|------------|-------|----------|----------|----------|----------|--------|-------|
| Aluminium  | 27-2  | 256542   | 255235   | 254325   | 255367   | 0.44   | cps   |
| Antimony   | 121-1 | 4332115  | 4286642  | 4315661  | 4311472  | 0.53   | cps   |
| Arsenic    | 75-2  | 38342    | 38734    | 38591    | 38556    | 0.51   | cps   |
| Barium     | 135-1 | 4670924  | 4633747  | 4628909  | 4644527  | 0.49   | cps   |
| Barium     | 137-1 | 8215216  | 8095896  | 8107300  | 8139471  | 0.81   | cps   |
| Beryllium  | 9-1   | 520045   | 518879   | 522552   | 520492   | 0.36   | cps   |
| Bismuth    | 209-1 | 8052682  | 8069301  | 7857394  | 7993125  | 1.47   | cps   |
| Bismuth    | 209-2 | 1933442  | 1796772  | 1969528  | 1899914  | 4.80   | cps   |
| Boron      | 10-1  | 62151    | 62897    | 63902    | 62984    | 1.39   | cps   |
| Boron      | 11-1  | 285837   | 294322   | 303084   | 294414   | 2.93   | cps   |
| Cadmium    | 111-1 | 894969   | 886496   | 885989   | 889151   | 0.57   | cps   |
| Cadmium    | 106-1 | 96301    | 95454    | 93531    | 95095    | 1.49   | cps   |
| Cadmium    | 108-1 | 63595    | 63624    | 63779    | 63666    | 0.16   | cps   |
| Calcium    | 43-1  | 4324427  | 4345324  | 4356709  | 4342153  | 0.38   | cps   |
| Calcium    | 44-1  | 70371587 | 70538885 | 71233600 | 70714690 | 0.65   | cps   |
| Chromium   | 52-2  | 343476   | 344265   | 341786   | 343175   | 0.37   | cps   |
| Cobalt     | 59-2  | 722664   | 724478   | 719612   | 722251   | 0.34   | cps   |
| Copper     | 63-2  | 1208041  | 1216826  | 1218485  | 1214450  | 0.46   | cps   |
| Dysprosium | 156-1 | 192      | 208      | 167      | 189      | 11.10  | cps   |
| Dysprosium | 156-2 | 10       | 17       | 10       | 12       | 31.50  | cps   |
| Erbium     | 164-1 | 50       | 83       | 42       | 58       | 37.80  | cps   |
| Erbium     | 164-2 | 3        | 3        | 3        | 3        | 0.00   | cps   |
| Gadolinium | 160-1 | 67       | 108      | 100      | 92       | 24.05  | cps   |
| Gadolinium | 160-2 | 7        | 10       | 30       | 16       | 81.11  | cps   |
| Holmium    | 165-1 | 12535485 | 12457796 | 12326563 | 12439948 | 0.85   | cps   |
| Holmium    | 165-2 | 2464710  | 2267528  | 2498684  | 2410308  | 5.18   | cps   |
| Indium     | 115-1 | 8821727  | 8827816  | 8638629  | 8762724  | 1.23   | cps   |
| Indium     | 115-2 | 326306   | 303637   | 330967   | 320303   | 4.56   | cps   |
| Iron       | 56-2  | 56080053 | 55740051 | 55919430 | 55913178 | 0.30   | cps   |
| Iron       | 57-2  | 1417322  | 1408660  | 1385848  | 1403944  | 1.16   | cps   |
| Krypton    | 83-1  | 287      | 397      | 333      | 339      | 16.29  | cps   |
| Lead       | 206-1 | 3177449  | 3124639  | 3156734  | 3152941  | 0.84   | cps   |
| Lead       | 207-1 | 2896101  | 2884226  | 2867218  | 2882515  | 0.50   | cps   |
| Lead       | 208-1 | 12942525 | 12875880 | 12891001 | 12903135 | 0.27   | cps   |
| Lithium    | 6-1   | 1461955  | 1465605  | 1432281  | 1453281  | 1.26   | cps   |
| Magnesium  | 24-2  | 5940410  | 6038203  | 5991213  | 5989942  | 0.82   | cps   |



|                         |                     |                   |                      |
|-------------------------|---------------------|-------------------|----------------------|
| LB Number :             | LB97237             | Operator :        | Jaswal               |
| Lab Sample ID :         | CCV94               | Instrumnet Name : | P8                   |
| Client Sample ID :      | CCV94               | Dilution Factor : | 1                    |
| Date & Time Acquired :: | 2018-08-10 15:41:20 | DataFile Name :   | 065CCV_P8081018-MS.I |

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|------------|-------|----------|----------|----------|----------|--------|-------|
| Manganese  | 55-2  | 184608   | 184068   | 185382   | 184686   | 0.36   | cps   |
| Molybdenum | 94-1  | 7123942  | 7195507  | 7109689  | 7143046  | 0.64   | cps   |
| Molybdenum | 95-1  | 8803078  | 8740490  | 8794284  | 8779284  | 0.39   | cps   |
| Molybdenum | 96-1  | 9793280  | 9801879  | 9745159  | 9780106  | 0.31   | cps   |
| Molybdenum | 97-1  | 5574233  | 5526225  | 5513696  | 5538051  | 0.58   | cps   |
| Molybdenum | 98-1  | 14323248 | 14213747 | 14219865 | 14252286 | 0.43   | cps   |
| Neodymium  | 150-1 | 260      | 213      | 253      | 242      | 10.42  | cps   |
| Neodymium  | 150-2 | 3        | 13       | 0        | 6        | 124.93 | cps   |
| Nickel     | 60-2  | 213456   | 214154   | 212576   | 213395   | 0.37   | cps   |
| Phosphorus | 31-2  | 3067     | 3117     | 2934     | 3039     | 3.12   | cps   |
| Potassium  | 39-2  | 1533608  | 1501588  | 1521723  | 1518973  | 1.07   | cps   |
| Rhodium    | 103-1 | 7892612  | 7987886  | 7808875  | 7896458  | 1.13   | cps   |
| Rhodium    | 103-2 | 2022424  | 1889310  | 2074113  | 1995282  | 4.78   | cps   |
| Scandium   | 45-1  | 4846383  | 4880481  | 4753774  | 4826880  | 1.36   | cps   |
| Scandium   | 45-2  | 33280    | 31950    | 33748    | 32992    | 2.83   | cps   |
| Selenium   | 77-2  | 247      | 233      | 263      | 248      | 6.07   | cps   |
| Selenium   | 78-2  | 880      | 859      | 854      | 864      | 1.58   | cps   |
| Selenium   | 82-1  | 52291    | 52289    | 52348    | 52309    | 0.06   | cps   |
| Silicon    | 28-1  | 1910257  | 1912108  | 1919913  | 1914093  | 0.27   | cps   |
| Silver     | 109-1 | 4187797  | 4211558  | 4119082  | 4172812  | 1.15   | cps   |
| Silver     | 107-1 | 4386648  | 4427211  | 4394229  | 4402696  | 0.49   | cps   |
| Sodium     | 23-2  | 13602298 | 13420000 | 13485297 | 13502532 | 0.68   | cps   |
| Strontium  | 86-1  | 1085212  | 1083414  | 1075801  | 1081475  | 0.46   | cps   |
| Strontium  | 88-1  | 9463751  | 9397774  | 9422189  | 9427904  | 0.35   | cps   |
| Sulfur     | 34-1  | 564929   | 561376   | 560874   | 562393   | 0.39   | cps   |
| Terbium    | 159-1 | 12817153 | 12734782 | 12549140 | 12700358 | 1.08   | cps   |
| Terbium    | 159-2 | 2326104  | 2141886  | 2357979  | 2275323  | 5.13   | cps   |
| Thallium   | 203-1 | 3895652  | 3832774  | 3898487  | 3875638  | 0.96   | cps   |
| Thallium   | 205-1 | 9183278  | 9145181  | 9155063  | 9161174  | 0.22   | cps   |
| Tin        | 118-1 | 3077407  | 3030499  | 2997358  | 3035088  | 1.33   | cps   |
| Titanium   | 47-1  | 2204878  | 2202383  | 2211835  | 2206365  | 0.22   | cps   |
| Uranium    | 238-1 | 13191475 | 13120340 | 13092715 | 13134843 | 0.39   | cps   |
| Vanadium   | 51-2  | 245754   | 243443   | 246327   | 245175   | 0.62   | cps   |
| Yttrium    | 89-1  | 9043992  | 9085483  | 8902732  | 9010735  | 1.06   | cps   |
| Yttrium    | 89-2  | 245812   | 230167   | 247626   | 241202   | 3.98   | cps   |
| Zinc       | 66-2  | 105551   | 106017   | 105524   | 105698   | 0.26   | cps   |

|                         |                     |                   |                      |
|-------------------------|---------------------|-------------------|----------------------|
| LB Number :             | LB97237             | Operator :        | Jaswal               |
| Lab Sample ID :         | CCV94               | Instrumnet Name : | P8                   |
| Client Sample ID :      | CCV94               | Dilution Factor : | 1                    |
| Date & Time Acquired :: | 2018-08-10 15:41:20 | DataFile Name :   | 065CCV_P8081018-MS.I |

| Parameter | Mass | CPS1    | CPS2    | CPS3    | CPSMean | CPSRSD | Units |
|-----------|------|---------|---------|---------|---------|--------|-------|
| Zirconium | 90-1 | 5980305 | 5951719 | 5982804 | 5971610 | 0.29   | cps   |
| Zirconium | 91-1 | 1320690 | 1315043 | 1317843 | 1317859 | 0.21   | cps   |

|                         |                     |                   |                     |
|-------------------------|---------------------|-------------------|---------------------|
| LB Number :             | LB97237             | Operator :        | Jaswal              |
| Lab Sample ID :         | CCB94               | Instrumnet Name : | P8                  |
| Client Sample ID :      | CCB94               | Dilution Factor : | 1                   |
| Date & Time Acquired :: | 2018-08-10 15:44:30 | DataFile Name :   | 066CCBE_P8081018-M5 |

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|------------|-------|----------|----------|----------|----------|--------|-------|
| Aluminium  | 27-2  | 13       | 5        | 8        | 8        | 45.83  | cps   |
| Antimony   | 121-1 | 13941    | 12648    | 12373    | 12987    | 6.45   | cps   |
| Arsenic    | 75-2  | 11       | 13       | 6        | 10       | 38.99  | cps   |
| Barium     | 135-1 | 67       | 92       | 67       | 75       | 19.24  | cps   |
| Barium     | 137-1 | 192      | 158      | 158      | 169      | 11.36  | cps   |
| Beryllium  | 9-1   | 472      | 433      | 433      | 446      | 5.03   | cps   |
| Bismuth    | 209-1 | 8598800  | 8597771  | 8441737  | 8546103  | 1.06   | cps   |
| Bismuth    | 209-2 | 2105113  | 2147923  | 2159662  | 2137566  | 1.34   | cps   |
| Boron      | 10-1  | 3392     | 3384     | 3150     | 3309     | 4.15   | cps   |
| Boron      | 11-1  | 17044    | 15551    | 14383    | 15659    | 8.52   | cps   |
| Cadmium    | 111-1 | 1486     | 1401     | 1643     | 1510     | 8.13   | cps   |
| Cadmium    | 106-1 | 1917     | 1917     | 2200     | 2011     | 8.14   | cps   |
| Cadmium    | 108-1 | 21       | 17       | 8        | 15       | 41.67  | cps   |
| Calcium    | 43-1  | 567      | 383      | 492      | 481      | 19.18  | cps   |
| Calcium    | 44-1  | 15342    | 14158    | 14324    | 14608    | 4.39   | cps   |
| Chromium   | 52-2  | 333      | 293      | 353      | 327      | 9.35   | cps   |
| Cobalt     | 59-2  | 40       | 40       | 60       | 47       | 24.74  | cps   |
| Copper     | 63-2  | 750      | 763      | 767      | 760      | 1.16   | cps   |
| Dysprosium | 156-1 | 58       | 25       | 33       | 39       | 44.62  | cps   |
| Dysprosium | 156-2 | 0        | 0        | 3        | 1        | 173.21 | cps   |
| Erbium     | 164-1 | 50       | 67       | 50       | 56       | 17.32  | cps   |
| Erbium     | 164-2 | 3        | 0        | 3        | 2        | 86.60  | cps   |
| Gadolinium | 160-1 | 75       | 33       | 92       | 67       | 45.07  | cps   |
| Gadolinium | 160-2 | 10       | 10       | 3        | 8        | 49.52  | cps   |
| Holmium    | 165-1 | 12960637 | 12903675 | 12573348 | 12812553 | 1.63   | cps   |
| Holmium    | 165-2 | 2550192  | 2535401  | 2541256  | 2542283  | 0.29   | cps   |
| Indium     | 115-1 | 9520014  | 9488061  | 9244430  | 9417502  | 1.60   | cps   |
| Indium     | 115-2 | 357084   | 356118   | 356896   | 356700   | 0.14   | cps   |
| Iron       | 56-2  | 2850     | 2095     | 2345     | 2430     | 15.84  | cps   |
| Iron       | 57-2  | 72       | 67       | 72       | 70       | 4.55   | cps   |
| Krypton    | 83-1  | 303      | 330      | 323      | 319      | 4.35   | cps   |
| Lead       | 206-1 | 572      | 528      | 456      | 519      | 11.36  | cps   |
| Lead       | 207-1 | 522      | 506      | 450      | 493      | 7.68   | cps   |
| Lead       | 208-1 | 2322     | 2289     | 2095     | 2235     | 5.50   | cps   |
| Lithium    | 6-1   | 1564447  | 1550478  | 1539904  | 1551610  | 0.79   | cps   |
| Magnesium  | 24-2  | 292      | 267      | 200      | 253      | 18.75  | cps   |

|                         |                     |                   |                     |
|-------------------------|---------------------|-------------------|---------------------|
| LB Number :             | LB97237             | Operator :        | Jaswal              |
| Lab Sample ID :         | CCB94               | Instrumnet Name : | P8                  |
| Client Sample ID :      | CCB94               | Dilution Factor : | 1                   |
| Date & Time Acquired :: | 2018-08-10 15:44:30 | DataFile Name :   | 066CCBE_P8081018-M8 |

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|------------|-------|----------|----------|----------|----------|--------|-------|
| Manganese  | 55-2  | 97       | 93       | 83       | 91       | 7.61   | cps   |
| Molybdenum | 94-1  | 3717     | 3276     | 2800     | 3264     | 14.05  | cps   |
| Molybdenum | 95-1  | 3851     | 3567     | 2992     | 3470     | 12.61  | cps   |
| Molybdenum | 96-1  | 4551     | 4092     | 3784     | 4143     | 9.32   | cps   |
| Molybdenum | 97-1  | 2884     | 1925     | 2067     | 2292     | 22.57  | cps   |
| Molybdenum | 98-1  | 6977     | 5952     | 5060     | 5996     | 16.00  | cps   |
| Neodymium  | 150-1 | 0        | 7        | 0        | 2        | 173.21 | cps   |
| Neodymium  | 150-2 | 0        | 0        | 3        | 1        | 173.21 | cps   |
| Nickel     | 60-2  | 127      | 123      | 117      | 122      | 4.17   | cps   |
| Phosphorus | 31-2  | 0        | 0        | 8        | 3        | 173.21 | cps   |
| Potassium  | 39-2  | 1909     | 2017     | 1942     | 1956     | 2.84   | cps   |
| Rhodium    | 103-1 | 8830889  | 8730406  | 8540783  | 8700693  | 1.69   | cps   |
| Rhodium    | 103-2 | 2305498  | 2269816  | 2282295  | 2285870  | 0.79   | cps   |
| Scandium   | 45-1  | 5119044  | 5097926  | 4900075  | 5039015  | 2.40   | cps   |
| Scandium   | 45-2  | 34750    | 34786    | 35090    | 34876    | 0.54   | cps   |
| Selenium   | 77-2  | 0        | 0        | 0        | 0        | 0.00   | cps   |
| Selenium   | 78-2  | 0        | 6        | 2        | 2        | 114.63 | cps   |
| Selenium   | 82-1  | 49       | 38       | 82       | 56       | 40.70  | cps   |
| Silicon    | 28-1  | 293227   | 289183   | 285715   | 289375   | 1.30   | cps   |
| Silver     | 109-1 | 417      | 525      | 442      | 461      | 12.30  | cps   |
| Silver     | 107-1 | 550      | 508      | 383      | 481      | 18.05  | cps   |
| Sodium     | 23-2  | 6493     | 5901     | 5776     | 6057     | 6.32   | cps   |
| Strontium  | 86-1  | 450      | 617      | 525      | 531      | 15.73  | cps   |
| Strontium  | 88-1  | 408      | 383      | 283      | 358      | 18.46  | cps   |
| Sulfur     | 34-1  | 321842   | 323583   | 321457   | 322294   | 0.35   | cps   |
| Terbium    | 159-1 | 13111176 | 13000314 | 13020231 | 13043907 | 0.45   | cps   |
| Terbium    | 159-2 | 2438033  | 2376213  | 2391416  | 2401887  | 1.34   | cps   |
| Thallium   | 203-1 | 2209     | 2134     | 2017     | 2120     | 4.56   | cps   |
| Thallium   | 205-1 | 5235     | 5535     | 4793     | 5187     | 7.19   | cps   |
| Tin        | 118-1 | 5577     | 4909     | 4643     | 5043     | 9.54   | cps   |
| Titanium   | 47-1  | 267      | 192      | 158      | 206      | 26.99  | cps   |
| Uranium    | 238-1 | 492      | 350      | 342      | 394      | 21.37  | cps   |
| Vanadium   | 51-2  | 13       | 3        | 10       | 9        | 57.30  | cps   |
| Yttrium    | 89-1  | 9442051  | 9350849  | 9135135  | 9309345  | 1.69   | cps   |
| Yttrium    | 89-2  | 258628   | 256799   | 255964   | 257130   | 0.53   | cps   |
| Zinc       | 66-2  | 133      | 157      | 153      | 148      | 8.54   | cps   |

|                         |                     |                   |                     |
|-------------------------|---------------------|-------------------|---------------------|
| LB Number :             | LB97237             | Operator :        | Jaswal              |
| Lab Sample ID :         | CCB94               | Instrumnet Name : | P8                  |
| Client Sample ID :      | CCB94               | Dilution Factor : | 1                   |
| Date & Time Acquired :: | 2018-08-10 15:44:30 | DataFile Name :   | 066CCBE_P8081018-MS |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|-----------|------|------|------|------|---------|--------|-------|
| Zirconium | 90-1 | 3234 | 2892 | 3242 | 3123    | 6.40   | cps   |
| Zirconium | 91-1 | 867  | 733  | 667  | 756     | 13.48  | cps   |

|                         |                     |                   |                     |
|-------------------------|---------------------|-------------------|---------------------|
| LB Number :             | LB97237             | Operator :        | Jaswal              |
| Lab Sample ID :         | J4354-01A           | Instrumnet Name : | P8                  |
| Client Sample ID :      | 67-1-CAFE-WC-BSMTA  | Dilution Factor : | 1                   |
| Date & Time Acquired :: | 2018-08-10 15:47:51 | DataFile Name :   | 067SMPL_P8081018-MS |

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|------------|-------|----------|----------|----------|----------|--------|-------|
| Aluminium  | 27-2  | 10294    | 10447    | 9884     | 10208    | 2.85   | cps   |
| Antimony   | 121-1 | 7391718  | 7254454  | 7159743  | 7268638  | 1.60   | cps   |
| Arsenic    | 75-2  | 68363    | 67860    | 66570    | 67598    | 1.37   | cps   |
| Barium     | 135-1 | 456946   | 457404   | 455185   | 456512   | 0.26   | cps   |
| Barium     | 137-1 | 808094   | 801428   | 797977   | 802499   | 0.64   | cps   |
| Beryllium  | 9-1   | 235282   | 231574   | 230578   | 232478   | 1.07   | cps   |
| Bismuth    | 209-1 | 9428483  | 9418761  | 9619894  | 9489046  | 1.20   | cps   |
| Bismuth    | 209-2 | 2280813  | 2100860  | 2292157  | 2224610  | 4.82   | cps   |
| Boron      | 10-1  | 40709    | 41619    | 41268    | 41199    | 1.11   | cps   |
| Boron      | 11-1  | 190610   | 195067   | 196113   | 193930   | 1.51   | cps   |
| Cadmium    | 111-1 | 421287   | 417134   | 417138   | 418519   | 0.57   | cps   |
| Cadmium    | 106-1 | 41131    | 39961    | 39525    | 40206    | 2.06   | cps   |
| Cadmium    | 108-1 | 27357    | 27140    | 26906    | 27134    | 0.83   | cps   |
| Calcium    | 43-1  | 130131   | 127770   | 127600   | 128501   | 1.10   | cps   |
| Calcium    | 44-1  | 2179375  | 2152972  | 2115065  | 2149137  | 1.50   | cps   |
| Chromium   | 52-2  | 293653   | 289655   | 287798   | 290369   | 1.03   | cps   |
| Cobalt     | 59-2  | 329906   | 326572   | 324398   | 326959   | 0.85   | cps   |
| Copper     | 63-2  | 451582   | 448808   | 445675   | 448688   | 0.66   | cps   |
| Dysprosium | 156-1 | 388240   | 382712   | 382193   | 384382   | 0.87   | cps   |
| Dysprosium | 156-2 | 6662     | 6595     | 6482     | 6580     | 1.38   | cps   |
| Erbium     | 164-1 | 108      | 125      | 100      | 111      | 11.46  | cps   |
| Erbium     | 164-2 | 13       | 20       | 10       | 14       | 35.26  | cps   |
| Gadolinium | 160-1 | 192      | 192      | 150      | 178      | 13.53  | cps   |
| Gadolinium | 160-2 | 10       | 13       | 17       | 13       | 25.01  | cps   |
| Holmium    | 165-1 | 13879187 | 13885772 | 14040890 | 13935283 | 0.66   | cps   |
| Holmium    | 165-2 | 2701055  | 2481217  | 2729393  | 2637222  | 5.15   | cps   |
| Indium     | 115-1 | 9946029  | 10047284 | 10246139 | 10079817 | 1.51   | cps   |
| Indium     | 115-2 | 368936   | 339355   | 367263   | 358518   | 4.63   | cps   |
| Iron       | 56-2  | 1541667  | 1541031  | 1542483  | 1541727  | 0.05   | cps   |
| Iron       | 57-2  | 37713    | 37401    | 36760    | 37291    | 1.30   | cps   |
| Krypton    | 83-1  | 283      | 327      | 297      | 302      | 7.34   | cps   |
| Lead       | 206-1 | 7098549  | 7123406  | 7082456  | 7101470  | 0.29   | cps   |
| Lead       | 207-1 | 6412506  | 6358722  | 6380468  | 6383898  | 0.42   | cps   |
| Lead       | 208-1 | 29249932 | 29214208 | 28928546 | 29130895 | 0.60   | cps   |
| Lithium    | 6-1   | 1659161  | 1677922  | 1663328  | 1666804  | 0.59   | cps   |
| Magnesium  | 24-2  | 83361    | 81676    | 82204    | 82414    | 1.05   | cps   |

|                         |                     |                   |                     |
|-------------------------|---------------------|-------------------|---------------------|
| LB Number :             | LB97237             | Operator :        | Jaswal              |
| Lab Sample ID :         | J4354-01A           | Instrumnet Name : | P8                  |
| Client Sample ID :      | 67-1-CAFE-WC-BSMTA  | Dilution Factor : | 1                   |
| Date & Time Acquired :: | 2018-08-10 15:47:51 | DataFile Name :   | 067SMPL_P8081018-MS |

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|------------|-------|----------|----------|----------|----------|--------|-------|
| Manganese  | 55-2  | 41381    | 40990    | 40699    | 41024    | 0.83   | cps   |
| Molybdenum | 94-1  | 895531   | 889493   | 878071   | 887698   | 1.00   | cps   |
| Molybdenum | 95-1  | 1598036  | 1581103  | 1574308  | 1584482  | 0.77   | cps   |
| Molybdenum | 96-1  | 1732375  | 1715886  | 1689187  | 1712483  | 1.27   | cps   |
| Molybdenum | 97-1  | 976748   | 969993   | 965076   | 970606   | 0.60   | cps   |
| Molybdenum | 98-1  | 2559497  | 2559869  | 2508859  | 2542742  | 1.15   | cps   |
| Neodymium  | 150-1 | 27       | 80       | 107      | 71       | 57.28  | cps   |
| Neodymium  | 150-2 | 0        | 0        | 0        | 0        | 0.00   | cps   |
| Nickel     | 60-2  | 240227   | 239215   | 239144   | 239529   | 0.25   | cps   |
| Phosphorus | 31-2  | 2175     | 2292     | 2450     | 2306     | 5.99   | cps   |
| Potassium  | 39-2  | 137010   | 139764   | 134353   | 137042   | 1.97   | cps   |
| Rhodium    | 103-1 | 9380262  | 9433795  | 9472495  | 9428851  | 0.49   | cps   |
| Rhodium    | 103-2 | 2398658  | 2231885  | 2396148  | 2342230  | 4.08   | cps   |
| Scandium   | 45-1  | 5418487  | 5467099  | 5550774  | 5478786  | 1.22   | cps   |
| Scandium   | 45-2  | 35996    | 34022    | 36848    | 35622    | 4.07   | cps   |
| Selenium   | 77-2  | 1190     | 1080     | 1027     | 1099     | 7.58   | cps   |
| Selenium   | 78-2  | 3938     | 4032     | 3786     | 3918     | 3.17   | cps   |
| Selenium   | 82-1  | 246935   | 245045   | 244575   | 245518   | 0.51   | cps   |
| Silicon    | 28-1  | 7571264  | 7508177  | 7494772  | 7524737  | 0.54   | cps   |
| Silver     | 109-1 | 732795   | 721936   | 725848   | 726860   | 0.76   | cps   |
| Silver     | 107-1 | 766766   | 755209   | 755089   | 759021   | 0.88   | cps   |
| Sodium     | 23-2  | 820402   | 811318   | 795267   | 808996   | 1.57   | cps   |
| Strontium  | 86-1  | 534874   | 530363   | 525967   | 530401   | 0.84   | cps   |
| Strontium  | 88-1  | 4658832  | 4695426  | 4637352  | 4663870  | 0.63   | cps   |
| Sulfur     | 34-1  | 341173   | 330342   | 329342   | 333619   | 1.97   | cps   |
| Terbium    | 159-1 | 14326469 | 14205099 | 14377634 | 14303068 | 0.62   | cps   |
| Terbium    | 159-2 | 2548853  | 2350278  | 2592046  | 2497059  | 5.16   | cps   |
| Thallium   | 203-1 | 17698794 | 17417972 | 17434180 | 17516982 | 0.90   | cps   |
| Thallium   | 205-1 | 42277553 | 41995800 | 41834600 | 42035984 | 0.53   | cps   |
| Tin        | 118-1 | 4795384  | 4702939  | 4718012  | 4738778  | 1.05   | cps   |
| Titanium   | 47-1  | 196477   | 196358   | 194261   | 195699   | 0.64   | cps   |
| Uranium    | 238-1 | 217      | 275      | 200      | 231      | 17.08  | cps   |
| Vanadium   | 51-2  | 161201   | 161899   | 159138   | 160746   | 0.89   | cps   |
| Yttrium    | 89-1  | 10082688 | 10090016 | 10311897 | 10161534 | 1.28   | cps   |
| Yttrium    | 89-2  | 270527   | 250212   | 272062   | 264267   | 4.62   | cps   |
| Zinc       | 66-2  | 27815    | 27818    | 26996    | 27543    | 1.72   | cps   |

|                         |                     |                   |                     |
|-------------------------|---------------------|-------------------|---------------------|
| LB Number :             | LB97237             | Operator :        | Jaswal              |
| Lab Sample ID :         | J4354-01A           | Instrumnet Name : | P8                  |
| Client Sample ID :      | 67-1-CAFE-WC-BSMTA  | Dilution Factor : | 1                   |
| Date & Time Acquired :: | 2018-08-10 15:47:51 | DataFile Name :   | 067SMPL_P8081018-MS |

| Parameter | Mass | CPS1  | CPS2  | CPS3  | CPSMean | CPSRSD | Units |
|-----------|------|-------|-------|-------|---------|--------|-------|
| Zirconium | 90-1 | 22353 | 16803 | 13265 | 17474   | 26.21  | cps   |
| Zirconium | 91-1 | 5301  | 4501  | 3826  | 4543    | 16.26  | cps   |



|                         |                      |                   |                     |
|-------------------------|----------------------|-------------------|---------------------|
| LB Number :             | LB97237              | Operator :        | Jaswal              |
| Lab Sample ID :         | J4354-02             | Instrumnet Name : | P8                  |
| Client Sample ID :      | 67-2-BSMT-GIRLS-BR-V | Dilution Factor : | 1                   |
| Date & Time Acquired :: | 2018-08-10 15:51:08  | DataFile Name :   | 068SMPL_P8081018-MS |

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|------------|-------|----------|----------|----------|----------|--------|-------|
| Aluminium  | 27-2  | 73       | 110      | 95       | 93       | 20.40  | cps   |
| Antimony   | 121-1 | 25358    | 24782    | 23722    | 24621    | 3.37   | cps   |
| Arsenic    | 75-2  | 26       | 33       | 35       | 31       | 15.56  | cps   |
| Barium     | 135-1 | 31589    | 30778    | 31071    | 31146    | 1.32   | cps   |
| Barium     | 137-1 | 54388    | 54430    | 54263    | 54360    | 0.16   | cps   |
| Beryllium  | 9-1   | 317      | 356      | 344      | 339      | 5.91   | cps   |
| Bismuth    | 209-1 | 9597236  | 9612471  | 9440882  | 9550196  | 0.99   | cps   |
| Bismuth    | 209-2 | 2242479  | 2243262  | 2240389  | 2242044  | 0.07   | cps   |
| Boron      | 10-1  | 3476     | 3484     | 3351     | 3437     | 2.17   | cps   |
| Boron      | 11-1  | 17027    | 16318    | 15409    | 16252    | 4.99   | cps   |
| Cadmium    | 111-1 | 1729     | 1606     | 1702     | 1679     | 3.87   | cps   |
| Cadmium    | 106-1 | 2209     | 2084     | 2159     | 2150     | 2.93   | cps   |
| Cadmium    | 108-1 | 42       | 46       | 25       | 38       | 29.40  | cps   |
| Calcium    | 43-1  | 106200   | 104176   | 103974   | 104783   | 1.17   | cps   |
| Calcium    | 44-1  | 1767644  | 1737350  | 1767793  | 1757596  | 1.00   | cps   |
| Chromium   | 52-2  | 453      | 540      | 483      | 492      | 8.94   | cps   |
| Cobalt     | 59-2  | 193      | 190      | 150      | 178      | 13.57  | cps   |
| Copper     | 63-2  | 229292   | 227376   | 224940   | 227203   | 0.96   | cps   |
| Dysprosium | 156-1 | 133      | 92       | 92       | 106      | 22.79  | cps   |
| Dysprosium | 156-2 | 10       | 7        | 7        | 8        | 24.71  | cps   |
| Erbium     | 164-1 | 75       | 100      | 67       | 81       | 21.53  | cps   |
| Erbium     | 164-2 | 23       | 30       | 3        | 19       | 73.49  | cps   |
| Gadolinium | 160-1 | 108      | 83       | 142      | 111      | 26.34  | cps   |
| Gadolinium | 160-2 | 7        | 17       | 10       | 11       | 45.82  | cps   |
| Holmium    | 165-1 | 14202863 | 14112307 | 13929477 | 14081549 | 0.99   | cps   |
| Holmium    | 165-2 | 2621942  | 2649849  | 2673013  | 2648268  | 0.97   | cps   |
| Indium     | 115-1 | 10404813 | 10238478 | 10223729 | 10289007 | 0.98   | cps   |
| Indium     | 115-2 | 364109   | 368828   | 368698   | 367211   | 0.73   | cps   |
| Iron       | 56-2  | 8925     | 9026     | 8520     | 8823     | 3.04   | cps   |
| Iron       | 57-2  | 194      | 206      | 228      | 209      | 8.11   | cps   |
| Krypton    | 83-1  | 290      | 320      | 310      | 307      | 4.98   | cps   |
| Lead       | 206-1 | 11444    | 11205    | 11528    | 11392    | 1.47   | cps   |
| Lead       | 207-1 | 9304     | 9092     | 9632     | 9343     | 2.91   | cps   |
| Lead       | 208-1 | 44487    | 43948    | 44899    | 44445    | 1.07   | cps   |
| Lithium    | 6-1   | 1686448  | 1657878  | 1663813  | 1669380  | 0.90   | cps   |
| Magnesium  | 24-2  | 29866    | 30317    | 29907    | 30030    | 0.83   | cps   |

LB Number : LB97237 Operator : Jaswal  
 Lab Sample ID : J4354-02 Instrumnet Name : P8  
 Client Sample ID : 67-2-BSMT-GIRLS-BR-V Dilution Factor : 1  
 Date & Time Acquired :: 2018-08-10 15:51:08 DataFile Name : 068SMPL\_P8081018-MS

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|------------|-------|----------|----------|----------|----------|--------|-------|
| Manganese  | 55-2  | 1650     | 1660     | 1687     | 1666     | 1.14   | cps   |
| Molybdenum | 94-1  | 1609     | 1709     | 1333     | 1550     | 12.53  | cps   |
| Molybdenum | 95-1  | 1809     | 1925     | 1542     | 1759     | 11.18  | cps   |
| Molybdenum | 96-1  | 2259     | 2509     | 1975     | 2248     | 11.88  | cps   |
| Molybdenum | 97-1  | 1067     | 1175     | 1108     | 1117     | 4.89   | cps   |
| Molybdenum | 98-1  | 3442     | 3101     | 2600     | 3048     | 13.89  | cps   |
| Neodymium  | 150-1 | 40       | 27       | 20       | 29       | 35.25  | cps   |
| Neodymium  | 150-2 | 3        | 17       | 0        | 7        | 132.33 | cps   |
| Nickel     | 60-2  | 1403     | 1340     | 1227     | 1323     | 6.76   | cps   |
| Phosphorus | 31-2  | 183      | 217      | 267      | 222      | 18.88  | cps   |
| Potassium  | 39-2  | 8470     | 7752     | 8545     | 8256     | 5.30   | cps   |
| Rhodium    | 103-1 | 9471765  | 9512869  | 9292600  | 9425745  | 1.24   | cps   |
| Rhodium    | 103-2 | 2379289  | 2367733  | 2369971  | 2372331  | 0.26   | cps   |
| Scandium   | 45-1  | 5409604  | 5461755  | 5336894  | 5402751  | 1.16   | cps   |
| Scandium   | 45-2  | 35896    | 36003    | 35649    | 35849    | 0.51   | cps   |
| Selenium   | 77-2  | 0        | 0        | 0        | 0        | 0.00   | cps   |
| Selenium   | 78-2  | 2        | 4        | 0        | 2        | 100.00 | cps   |
| Selenium   | 82-1  | 114      | 32       | 52       | 66       | 64.92  | cps   |
| Silicon    | 28-1  | 3317021  | 3255975  | 3292584  | 3288527  | 0.93   | cps   |
| Silver     | 109-1 | 808      | 883      | 825      | 839      | 4.69   | cps   |
| Silver     | 107-1 | 758      | 792      | 925      | 825      | 10.69  | cps   |
| Sodium     | 23-2  | 621362   | 616764   | 610700   | 616275   | 0.87   | cps   |
| Strontium  | 86-1  | 44808    | 43989    | 45502    | 44766    | 1.69   | cps   |
| Strontium  | 88-1  | 390244   | 384644   | 384980   | 386623   | 0.81   | cps   |
| Sulfur     | 34-1  | 322751   | 323158   | 322624   | 322844   | 0.09   | cps   |
| Terbium    | 159-1 | 14280917 | 14596021 | 14305687 | 14394208 | 1.22   | cps   |
| Terbium    | 159-2 | 2508737  | 2516145  | 2503216  | 2509366  | 0.26   | cps   |
| Thallium   | 203-1 | 2517     | 2617     | 2092     | 2409     | 11.58  | cps   |
| Thallium   | 205-1 | 6352     | 5910     | 5935     | 6066     | 4.09   | cps   |
| Tin        | 118-1 | 5168     | 4609     | 4676     | 4818     | 6.33   | cps   |
| Titanium   | 47-1  | 525      | 433      | 550      | 503      | 12.22  | cps   |
| Uranium    | 238-1 | 392      | 325      | 525      | 414      | 24.61  | cps   |
| Vanadium   | 51-2  | 47       | 47       | 27       | 40       | 28.87  | cps   |
| Yttrium    | 89-1  | 10302187 | 10152698 | 10042571 | 10165819 | 1.28   | cps   |
| Yttrium    | 89-2  | 264018   | 265728   | 263421   | 264389   | 0.45   | cps   |
| Zinc       | 66-2  | 18583    | 18593    | 17999    | 18391    | 1.85   | cps   |

|                         |                      |                   |                     |
|-------------------------|----------------------|-------------------|---------------------|
| LB Number :             | LB97237              | Operator :        | Jaswal              |
| Lab Sample ID :         | J4354-02             | Instrumnet Name : | P8                  |
| Client Sample ID :      | 67-2-BSMT-GIRLS-BR-V | Dilution Factor : | 1                   |
| Date & Time Acquired :: | 2018-08-10 15:51:08  | DataFile Name :   | 068SMPL_P8081018-MS |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|-----------|------|------|------|------|---------|--------|-------|
| Zirconium | 90-1 | 1400 | 1358 | 1575 | 1445    | 7.96   | cps   |
| Zirconium | 91-1 | 375  | 258  | 283  | 306     | 20.10  | cps   |

|                         |                      |                   |                     |
|-------------------------|----------------------|-------------------|---------------------|
| LB Number :             | LB97237              | Operator :        | Jaswal              |
| Lab Sample ID :         | J4354-03             | Instrumnet Name : | P8                  |
| Client Sample ID :      | 67-3-BSMT-GIRLS-BR-V | Dilution Factor : | 1                   |
| Date & Time Acquired :: | 2018-08-10 15:54:28  | DataFile Name :   | 069SMPL_P8081018-MS |

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|------------|-------|----------|----------|----------|----------|--------|-------|
| Aluminium  | 27-2  | 60       | 85       | 83       | 76       | 18.15  | cps   |
| Antimony   | 121-1 | 11572    | 11322    | 11264    | 11386    | 1.44   | cps   |
| Arsenic    | 75-2  | 31       | 43       | 28       | 34       | 22.70  | cps   |
| Barium     | 135-1 | 32374    | 32649    | 30736    | 31920    | 3.24   | cps   |
| Barium     | 137-1 | 56940    | 54564    | 54664    | 55389    | 2.43   | cps   |
| Beryllium  | 9-1   | 250      | 228      | 228      | 235      | 5.45   | cps   |
| Bismuth    | 209-1 | 9006258  | 9445994  | 9507724  | 9319992  | 2.93   | cps   |
| Bismuth    | 209-2 | 2268447  | 2255439  | 2291737  | 2271874  | 0.81   | cps   |
| Boron      | 10-1  | 2509     | 2575     | 2317     | 2467     | 5.44   | cps   |
| Boron      | 11-1  | 12022    | 11864    | 11447    | 11778    | 2.52   | cps   |
| Cadmium    | 111-1 | 1559     | 1466     | 1746     | 1591     | 8.98   | cps   |
| Cadmium    | 106-1 | 2092     | 1875     | 2300     | 2089     | 10.17  | cps   |
| Cadmium    | 108-1 | 25       | 25       | 38       | 29       | 24.74  | cps   |
| Calcium    | 43-1  | 110751   | 106754   | 105755   | 107754   | 2.45   | cps   |
| Calcium    | 44-1  | 1823920  | 1789224  | 1788834  | 1800659  | 1.12   | cps   |
| Chromium   | 52-2  | 397      | 473      | 457      | 442      | 9.12   | cps   |
| Cobalt     | 59-2  | 107      | 197      | 203      | 169      | 31.97  | cps   |
| Copper     | 63-2  | 249268   | 249292   | 246961   | 248507   | 0.54   | cps   |
| Dysprosium | 156-1 | 33       | 150      | 75       | 86       | 68.66  | cps   |
| Dysprosium | 156-2 | 17       | 7        | 10       | 11       | 45.82  | cps   |
| Erbium     | 164-1 | 67       | 58       | 58       | 61       | 7.87   | cps   |
| Erbium     | 164-2 | 13       | 17       | 17       | 16       | 12.40  | cps   |
| Gadolinium | 160-1 | 83       | 158      | 83       | 108      | 39.97  | cps   |
| Gadolinium | 160-2 | 17       | 7        | 7        | 10       | 57.72  | cps   |
| Holmium    | 165-1 | 13139240 | 14000979 | 13995860 | 13712027 | 3.62   | cps   |
| Holmium    | 165-2 | 2652050  | 2612504  | 2657992  | 2640849  | 0.94   | cps   |
| Indium     | 115-1 | 9588452  | 10118646 | 10203906 | 9970335  | 3.34   | cps   |
| Indium     | 115-2 | 366889   | 363937   | 367207   | 366011   | 0.49   | cps   |
| Iron       | 56-2  | 8597     | 8408     | 8392     | 8466     | 1.35   | cps   |
| Iron       | 57-2  | 256      | 278      | 222      | 252      | 11.10  | cps   |
| Krypton    | 83-1  | 257      | 387      | 293      | 312      | 21.47  | cps   |
| Lead       | 206-1 | 8325     | 8570     | 8542     | 8479     | 1.58   | cps   |
| Lead       | 207-1 | 7319     | 7097     | 6785     | 7067     | 3.79   | cps   |
| Lead       | 208-1 | 33785    | 32851    | 32484    | 33040    | 2.03   | cps   |
| Lithium    | 6-1   | 1578678  | 1628683  | 1677335  | 1628232  | 3.03   | cps   |
| Magnesium  | 24-2  | 31235    | 32238    | 31845    | 31773    | 1.59   | cps   |

|                         |                      |                   |                     |
|-------------------------|----------------------|-------------------|---------------------|
| LB Number :             | LB97237              | Operator :        | Jaswal              |
| Lab Sample ID :         | J4354-03             | Instrumnet Name : | P8                  |
| Client Sample ID :      | 67-3-BSMT-GIRLS-BR-V | Dilution Factor : | 1                   |
| Date & Time Acquired :: | 2018-08-10 15:54:28  | DataFile Name :   | 069SMPL_P8081018-MS |

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|------------|-------|----------|----------|----------|----------|--------|-------|
| Manganese  | 55-2  | 1470     | 1533     | 1480     | 1495     | 2.28   | cps   |
| Molybdenum | 94-1  | 1100     | 892      | 875      | 956      | 13.12  | cps   |
| Molybdenum | 95-1  | 850      | 742      | 933      | 842      | 11.42  | cps   |
| Molybdenum | 96-1  | 1142     | 992      | 1183     | 1106     | 9.12   | cps   |
| Molybdenum | 97-1  | 625      | 625      | 483      | 578      | 14.16  | cps   |
| Molybdenum | 98-1  | 1609     | 1642     | 1558     | 1603     | 2.62   | cps   |
| Neodymium  | 150-1 | 20       | 27       | 33       | 27       | 24.99  | cps   |
| Neodymium  | 150-2 | 0        | 3        | 0        | 1        | 173.21 | cps   |
| Nickel     | 60-2  | 2900     | 2587     | 2667     | 2718     | 5.99   | cps   |
| Phosphorus | 31-2  | 150      | 167      | 175      | 164      | 7.77   | cps   |
| Potassium  | 39-2  | 8595     | 8328     | 8153     | 8358     | 2.66   | cps   |
| Rhodium    | 103-1 | 8857497  | 9391090  | 9394911  | 9214499  | 3.36   | cps   |
| Rhodium    | 103-2 | 2376485  | 2360204  | 2355271  | 2363986  | 0.47   | cps   |
| Scandium   | 45-1  | 5110051  | 5343778  | 5420637  | 5291489  | 3.06   | cps   |
| Scandium   | 45-2  | 35846    | 35395    | 36484    | 35908    | 1.52   | cps   |
| Selenium   | 77-2  | 0        | 0        | 0        | 0        | 0.00   | cps   |
| Selenium   | 78-2  | 2        | 0        | 0        | 1        | 173.21 | cps   |
| Selenium   | 82-1  | 72       | -39      | 44       | 26       | 223.57 | cps   |
| Silicon    | 28-1  | 3415591  | 3314289  | 3261793  | 3330558  | 2.35   | cps   |
| Silver     | 109-1 | 725      | 658      | 817      | 733      | 10.84  | cps   |
| Silver     | 107-1 | 625      | 767      | 883      | 758      | 17.06  | cps   |
| Sodium     | 23-2  | 631489   | 628892   | 620128   | 626836   | 0.95   | cps   |
| Strontium  | 86-1  | 46430    | 45887    | 44825    | 45714    | 1.79   | cps   |
| Strontium  | 88-1  | 395386   | 389613   | 385940   | 390313   | 1.22   | cps   |
| Sulfur     | 34-1  | 328109   | 327206   | 324395   | 326570   | 0.59   | cps   |
| Terbium    | 159-1 | 13339986 | 14106169 | 14239041 | 13895065 | 3.49   | cps   |
| Terbium    | 159-2 | 2503980  | 2515669  | 2503054  | 2507568  | 0.28   | cps   |
| Thallium   | 203-1 | 1250     | 1417     | 1333     | 1333     | 6.25   | cps   |
| Thallium   | 205-1 | 3117     | 3076     | 3092     | 3095     | 0.68   | cps   |
| Tin        | 118-1 | 2984     | 2959     | 3226     | 3056     | 4.82   | cps   |
| Titanium   | 47-1  | 475      | 417      | 383      | 425      | 10.92  | cps   |
| Uranium    | 238-1 | 433      | 375      | 300      | 369      | 18.09  | cps   |
| Vanadium   | 51-2  | 57       | 60       | 17       | 44       | 54.25  | cps   |
| Yttrium    | 89-1  | 9530861  | 9933848  | 10099261 | 9854657  | 2.97   | cps   |
| Yttrium    | 89-2  | 263885   | 262562   | 265315   | 263920   | 0.52   | cps   |
| Zinc       | 66-2  | 16363    | 16767    | 16320    | 16483    | 1.50   | cps   |

|                         |                      |                   |                     |
|-------------------------|----------------------|-------------------|---------------------|
| LB Number :             | LB97237              | Operator :        | Jaswal              |
| Lab Sample ID :         | J4354-03             | Instrumnet Name : | P8                  |
| Client Sample ID :      | 67-3-BSMT-GIRLS-BR-V | Dilution Factor : | 1                   |
| Date & Time Acquired :: | 2018-08-10 15:54:28  | DataFile Name :   | 069SMPL_P8081018-MS |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|-----------|------|------|------|------|---------|--------|-------|
| Zirconium | 90-1 | 1467 | 1609 | 1267 | 1447    | 11.86  | cps   |
| Zirconium | 91-1 | 333  | 275  | 367  | 325     | 14.27  | cps   |

LB Number : LB97237 Operator : Jaswal  
 Lab Sample ID : J4354-04 Instrumnet Name : P8  
 Client Sample ID : 67-4-BSMT-GIRLS-BR-V Dilution Factor : 1  
 Date & Time Acquired :: 2018-08-10 15:57:48 DataFile Name : 070CCBE\_P8081018-MS

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|------------|-------|----------|----------|----------|----------|--------|-------|
| Aluminium  | 27-2  | 213      | 155      | 200      | 189      | 15.99  | cps   |
| Antimony   | 121-1 | 7844     | 8203     | 8445     | 8164     | 3.70   | cps   |
| Arsenic    | 75-2  | 31       | 30       | 31       | 31       | 3.46   | cps   |
| Barium     | 135-1 | 30795    | 30695    | 31288    | 30926    | 1.03   | cps   |
| Barium     | 137-1 | 54404    | 54321    | 53141    | 53955    | 1.31   | cps   |
| Beryllium  | 9-1   | 250      | 183      | 244      | 226      | 16.37  | cps   |
| Bismuth    | 209-1 | 9383144  | 9710802  | 9451107  | 9515017  | 1.82   | cps   |
| Bismuth    | 209-2 | 2251919  | 2246237  | 2180818  | 2226325  | 1.77   | cps   |
| Boron      | 10-1  | 2692     | 2175     | 2267     | 2378     | 11.59  | cps   |
| Boron      | 11-1  | 11630    | 11296    | 11255    | 11394    | 1.81   | cps   |
| Cadmium    | 111-1 | 1644     | 1551     | 1617     | 1604     | 2.99   | cps   |
| Cadmium    | 106-1 | 2167     | 2067     | 2017     | 2084     | 3.67   | cps   |
| Cadmium    | 108-1 | 21       | 54       | 17       | 31       | 67.27  | cps   |
| Calcium    | 43-1  | 103236   | 101826   | 103060   | 102707   | 0.75   | cps   |
| Calcium    | 44-1  | 1740474  | 1729386  | 1745818  | 1738560  | 0.48   | cps   |
| Chromium   | 52-2  | 483      | 410      | 427      | 440      | 8.74   | cps   |
| Cobalt     | 59-2  | 200      | 163      | 167      | 177      | 11.47  | cps   |
| Copper     | 63-2  | 239683   | 240236   | 236744   | 238888   | 0.79   | cps   |
| Dysprosium | 156-1 | 67       | 67       | 133      | 89       | 43.30  | cps   |
| Dysprosium | 156-2 | 3        | 20       | 13       | 12       | 68.66  | cps   |
| Erbium     | 164-1 | 92       | 75       | 83       | 83       | 10.00  | cps   |
| Erbium     | 164-2 | 20       | 7        | 7        | 11       | 69.25  | cps   |
| Gadolinium | 160-1 | 117      | 100      | 125      | 114      | 11.18  | cps   |
| Gadolinium | 160-2 | 27       | 20       | 30       | 26       | 19.92  | cps   |
| Holmium    | 165-1 | 13625008 | 14262391 | 13671914 | 13853104 | 2.56   | cps   |
| Holmium    | 165-2 | 2712624  | 2620511  | 2565781  | 2632972  | 2.82   | cps   |
| Indium     | 115-1 | 9976458  | 10440106 | 10109101 | 10175222 | 2.35   | cps   |
| Indium     | 115-2 | 367488   | 363096   | 355509   | 362031   | 1.67   | cps   |
| Iron       | 56-2  | 8797     | 9889     | 8875     | 9187     | 6.63   | cps   |
| Iron       | 57-2  | 233      | 194      | 189      | 206      | 11.78  | cps   |
| Krypton    | 83-1  | 253      | 277      | 337      | 289      | 14.88  | cps   |
| Lead       | 206-1 | 8181     | 8081     | 8359     | 8207     | 1.72   | cps   |
| Lead       | 207-1 | 6908     | 6513     | 6607     | 6676     | 3.09   | cps   |
| Lead       | 208-1 | 32083    | 31066    | 30977    | 31375    | 1.96   | cps   |
| Lithium    | 6-1   | 1621159  | 1688624  | 1662741  | 1657508  | 2.05   | cps   |
| Magnesium  | 24-2  | 31144    | 31185    | 30818    | 31049    | 0.65   | cps   |

|                         |                      |                   |                     |
|-------------------------|----------------------|-------------------|---------------------|
| LB Number :             | LB97237              | Operator :        | Jaswal              |
| Lab Sample ID :         | J4354-04             | Instrumnet Name : | P8                  |
| Client Sample ID :      | 67-4-BSMT-GIRLS-BR-V | Dilution Factor : | 1                   |
| Date & Time Acquired :: | 2018-08-10 15:57:48  | DataFile Name :   | 070CCBE_P8081018-M8 |

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|------------|-------|----------|----------|----------|----------|--------|-------|
| Manganese  | 55-2  | 1440     | 1410     | 1480     | 1443     | 2.43   | cps   |
| Molybdenum | 94-1  | 950      | 992      | 883      | 942      | 5.80   | cps   |
| Molybdenum | 95-1  | 700      | 500      | 525      | 575      | 18.95  | cps   |
| Molybdenum | 96-1  | 750      | 817      | 850      | 806      | 6.32   | cps   |
| Molybdenum | 97-1  | 375      | 342      | 425      | 381      | 11.02  | cps   |
| Molybdenum | 98-1  | 1375     | 1100     | 1075     | 1183     | 14.07  | cps   |
| Neodymium  | 150-1 | 40       | 7        | 27       | 24       | 68.62  | cps   |
| Neodymium  | 150-2 | 3        | 0        | 3        | 2        | 86.60  | cps   |
| Nickel     | 60-2  | 3834     | 3657     | 3887     | 3793     | 3.17   | cps   |
| Phosphorus | 31-2  | 250      | 158      | 233      | 214      | 22.83  | cps   |
| Potassium  | 39-2  | 7461     | 7886     | 8078     | 7808     | 4.04   | cps   |
| Rhodium    | 103-1 | 9236827  | 9636117  | 9189416  | 9354120  | 2.62   | cps   |
| Rhodium    | 103-2 | 2369260  | 2350300  | 2303332  | 2340964  | 1.45   | cps   |
| Scandium   | 45-1  | 5237004  | 5594034  | 5339689  | 5390242  | 3.41   | cps   |
| Scandium   | 45-2  | 36043    | 35779    | 34770    | 35531    | 1.89   | cps   |
| Selenium   | 77-2  | 0        | 0        | 3        | 1        | 173.21 | cps   |
| Selenium   | 78-2  | 2        | 2        | 2        | 2        | 0.00   | cps   |
| Selenium   | 82-1  | 73       | 73       | -44      | 34       | 199.73 | cps   |
| Silicon    | 28-1  | 3255996  | 3196123  | 3158206  | 3203442  | 1.54   | cps   |
| Silver     | 109-1 | 583      | 575      | 733      | 631      | 14.13  | cps   |
| Silver     | 107-1 | 675      | 542      | 842      | 686      | 21.91  | cps   |
| Sodium     | 23-2  | 611021   | 604862   | 608641   | 608175   | 0.51   | cps   |
| Strontium  | 86-1  | 46338    | 43663    | 43295    | 44432    | 3.74   | cps   |
| Strontium  | 88-1  | 386121   | 384288   | 382337   | 384248   | 0.49   | cps   |
| Sulfur     | 34-1  | 331838   | 328892   | 329941   | 330224   | 0.45   | cps   |
| Terbium    | 159-1 | 14044196 | 14616889 | 13870270 | 14177118 | 2.76   | cps   |
| Terbium    | 159-2 | 2541178  | 2480236  | 2443210  | 2488208  | 1.99   | cps   |
| Thallium   | 203-1 | 1008     | 900      | 1025     | 978      | 6.94   | cps   |
| Thallium   | 205-1 | 2275     | 2367     | 2267     | 2303     | 2.41   | cps   |
| Tin        | 118-1 | 2884     | 2675     | 2617     | 2725     | 5.14   | cps   |
| Titanium   | 47-1  | 442      | 492      | 442      | 458      | 6.30   | cps   |
| Uranium    | 238-1 | 433      | 408      | 358      | 400      | 9.55   | cps   |
| Vanadium   | 51-2  | 30       | 67       | 40       | 46       | 41.61  | cps   |
| Yttrium    | 89-1  | 9898310  | 10418510 | 9940024  | 10085615 | 2.87   | cps   |
| Yttrium    | 89-2  | 267629   | 262536   | 254255   | 261474   | 2.58   | cps   |
| Zinc       | 66-2  | 21904    | 22188    | 21357    | 21816    | 1.94   | cps   |



|                         |                      |                   |                     |
|-------------------------|----------------------|-------------------|---------------------|
| LB Number :             | LB97237              | Operator :        | Jaswal              |
| Lab Sample ID :         | J4354-04             | Instrumnet Name : | P8                  |
| Client Sample ID :      | 67-4-BSMT-GIRLS-BR-V | Dilution Factor : | 1                   |
| Date & Time Acquired :: | 2018-08-10 15:57:48  | DataFile Name :   | 070CCBE_P8081018-MS |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|-----------|------|------|------|------|---------|--------|-------|
| Zirconium | 90-1 | 1400 | 1417 | 1592 | 1470    | 7.23   | cps   |
| Zirconium | 91-1 | 292  | 333  | 317  | 314     | 6.68   | cps   |

LB Number : LB97237 Operator : Jaswal  
 Lab Sample ID : J4354-05 Instrumnet Name : P8  
 Client Sample ID : 67-5-BSMT-BOYS-BR-W Dilution Factor : 1  
 Date & Time Acquired :: 2018-08-10 16:01:08 DataFile Name : 071LCS6\_P8081018-MS

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|------------|-------|----------|----------|----------|----------|--------|-------|
| Aluminium  | 27-2  | 70       | 48       | 65       | 61       | 19.43  | cps   |
| Antimony   | 121-1 | 7678     | 6860     | 7552     | 7363     | 5.98   | cps   |
| Arsenic    | 75-2  | 39       | 31       | 22       | 31       | 27.06  | cps   |
| Barium     | 135-1 | 32725    | 32391    | 31923    | 32346    | 1.25   | cps   |
| Barium     | 137-1 | 57158    | 56522    | 56873    | 56851    | 0.56   | cps   |
| Beryllium  | 9-1   | 200      | 183      | 189      | 191      | 4.45   | cps   |
| Bismuth    | 209-1 | 9802532  | 9450901  | 9730543  | 9661325  | 1.92   | cps   |
| Bismuth    | 209-2 | 2341672  | 2246083  | 2222232  | 2269996  | 2.78   | cps   |
| Boron      | 10-1  | 1634     | 1558     | 1875     | 1689     | 9.80   | cps   |
| Boron      | 11-1  | 7669     | 8194     | 8228     | 8030     | 3.90   | cps   |
| Cadmium    | 111-1 | 1661     | 1742     | 1617     | 1674     | 3.79   | cps   |
| Cadmium    | 106-1 | 2125     | 2217     | 2075     | 2139     | 3.36   | cps   |
| Cadmium    | 108-1 | 50       | 38       | 63       | 50       | 25.00  | cps   |
| Calcium    | 43-1  | 107307   | 106905   | 104941   | 106384   | 1.19   | cps   |
| Calcium    | 44-1  | 1794306  | 1775686  | 1766543  | 1778845  | 0.80   | cps   |
| Chromium   | 52-2  | 317      | 383      | 350      | 350      | 9.52   | cps   |
| Cobalt     | 59-2  | 80       | 110      | 83       | 91       | 18.05  | cps   |
| Copper     | 63-2  | 294558   | 292908   | 292535   | 293334   | 0.37   | cps   |
| Dysprosium | 156-1 | 83       | 50       | 58       | 64       | 27.15  | cps   |
| Dysprosium | 156-2 | 7        | 10       | 10       | 9        | 21.63  | cps   |
| Erbium     | 164-1 | 100      | 83       | 42       | 75       | 40.06  | cps   |
| Erbium     | 164-2 | 10       | 7        | 10       | 9        | 21.63  | cps   |
| Gadolinium | 160-1 | 75       | 133      | 83       | 97       | 32.45  | cps   |
| Gadolinium | 160-2 | 30       | 23       | 20       | 24       | 20.83  | cps   |
| Holmium    | 165-1 | 14456645 | 14106626 | 14293453 | 14285575 | 1.23   | cps   |
| Holmium    | 165-2 | 2726826  | 2602115  | 2639180  | 2656040  | 2.41   | cps   |
| Indium     | 115-1 | 10613310 | 10307517 | 10573025 | 10497950 | 1.58   | cps   |
| Indium     | 115-2 | 377944   | 359812   | 360994   | 366250   | 2.77   | cps   |
| Iron       | 56-2  | 7513     | 8343     | 7852     | 7903     | 5.28   | cps   |
| Iron       | 57-2  | 194      | 200      | 161      | 185      | 11.36  | cps   |
| Krypton    | 83-1  | 310      | 367      | 340      | 339      | 8.37   | cps   |
| Lead       | 206-1 | 7769     | 7958     | 7741     | 7823     | 1.51   | cps   |
| Lead       | 207-1 | 6485     | 6780     | 6552     | 6606     | 2.34   | cps   |
| Lead       | 208-1 | 30610    | 31077    | 30571    | 30753    | 0.92   | cps   |
| Lithium    | 6-1   | 1696607  | 1681336  | 1721188  | 1699710  | 1.18   | cps   |
| Magnesium  | 24-2  | 29532    | 30058    | 30417    | 30002    | 1.48   | cps   |

|                         |                     |                   |                     |
|-------------------------|---------------------|-------------------|---------------------|
| LB Number :             | LB97237             | Operator :        | Jaswal              |
| Lab Sample ID :         | J4354-05            | Instrumnet Name : | P8                  |
| Client Sample ID :      | 67-5-BSMT-BOYS-BR-W | Dilution Factor : | 1                   |
| Date & Time Acquired :: | 2018-08-10 16:01:08 | DataFile Name :   | 071LCS6_P8081018-MS |

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD   | Units |
|------------|-------|----------|----------|----------|----------|----------|-------|
| Manganese  | 55-2  | 1153     | 1137     | 1100     | 1130     | 2.41     | cps   |
| Molybdenum | 94-1  | 800      | 783      | 800      | 795      | 1.21     | cps   |
| Molybdenum | 95-1  | 558      | 392      | 417      | 456      | 19.73    | cps   |
| Molybdenum | 96-1  | 650      | 742      | 775      | 722      | 8.96     | cps   |
| Molybdenum | 97-1  | 275      | 333      | 250      | 286      | 14.95    | cps   |
| Molybdenum | 98-1  | 758      | 783      | 908      | 817      | 9.84     | cps   |
| Neodymium  | 150-1 | 33       | 40       | 7        | 27       | 66.13    | cps   |
| Neodymium  | 150-2 | 0        | 0        | 7        | 2        | 173.21   | cps   |
| Nickel     | 60-2  | 2907     | 2914     | 3030     | 2950     | 2.35     | cps   |
| Phosphorus | 31-2  | 167      | 142      | 175      | 161      | 10.77    | cps   |
| Potassium  | 39-2  | 8419     | 8319     | 8294     | 8344     | 0.79     | cps   |
| Rhodium    | 103-1 | 9712088  | 9413167  | 9561523  | 9562259  | 1.56     | cps   |
| Rhodium    | 103-2 | 2451334  | 2339309  | 2351421  | 2380688  | 2.58     | cps   |
| Scandium   | 45-1  | 5566583  | 5478250  | 5494702  | 5513178  | 0.85     | cps   |
| Scandium   | 45-2  | 37059    | 34463    | 35328    | 35617    | 3.71     | cps   |
| Selenium   | 77-2  | 0        | 0        | 0        | 0        | 0.00     | cps   |
| Selenium   | 78-2  | 2        | 0        | 2        | 1        | 86.60    | cps   |
| Selenium   | 82-1  | 46       | -5       | -44      | -1       | -4331.42 | cps   |
| Silicon    | 28-1  | 3321578  | 3361055  | 3284929  | 3322520  | 1.15     | cps   |
| Silver     | 109-1 | 633      | 667      | 525      | 608      | 12.18    | cps   |
| Silver     | 107-1 | 675      | 667      | 725      | 689      | 4.58     | cps   |
| Sodium     | 23-2  | 631521   | 636538   | 636401   | 634820   | 0.45     | cps   |
| Strontium  | 86-1  | 46447    | 45184    | 44223    | 45284    | 2.46     | cps   |
| Strontium  | 88-1  | 395555   | 395441   | 393277   | 394757   | 0.33     | cps   |
| Sulfur     | 34-1  | 332120   | 328503   | 328118   | 329580   | 0.67     | cps   |
| Terbium    | 159-1 | 14744834 | 14455472 | 14686229 | 14628845 | 1.05     | cps   |
| Terbium    | 159-2 | 2582305  | 2457956  | 2481586  | 2507282  | 2.63     | cps   |
| Thallium   | 203-1 | 1042     | 825      | 842      | 903      | 13.36    | cps   |
| Thallium   | 205-1 | 2150     | 1917     | 2209     | 2092     | 7.38     | cps   |
| Tin        | 118-1 | 2634     | 3252     | 2467     | 2784     | 14.85    | cps   |
| Titanium   | 47-1  | 425      | 350      | 375      | 383      | 9.96     | cps   |
| Uranium    | 238-1 | 358      | 300      | 383      | 347      | 12.32    | cps   |
| Vanadium   | 51-2  | 40       | 30       | 50       | 40       | 25.00    | cps   |
| Yttrium    | 89-1  | 10531590 | 10222564 | 10341984 | 10365379 | 1.50     | cps   |
| Yttrium    | 89-2  | 271358   | 258913   | 262298   | 264189   | 2.44     | cps   |
| Zinc       | 66-2  | 92939    | 92029    | 93723    | 92897    | 0.91     | cps   |

|                         |                     |                   |                     |
|-------------------------|---------------------|-------------------|---------------------|
| LB Number :             | LB97237             | Operator :        | Jaswal              |
| Lab Sample ID :         | J4354-05            | Instrumnet Name : | P8                  |
| Client Sample ID :      | 67-5-BSMT-BOYS-BR-W | Dilution Factor : | 1                   |
| Date & Time Acquired :: | 2018-08-10 16:01:08 | DataFile Name :   | 071LCS6_P8081018-MS |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|-----------|------|------|------|------|---------|--------|-------|
| Zirconium | 90-1 | 1492 | 1358 | 1175 | 1342    | 11.85  | cps   |
| Zirconium | 91-1 | 333  | 275  | 317  | 308     | 9.75   | cps   |

|                         |                     |                   |                     |
|-------------------------|---------------------|-------------------|---------------------|
| LB Number :             | LB97237             | Operator :        | Jaswal              |
| Lab Sample ID :         | J4354-06            | Instrumnet Name : | P8                  |
| Client Sample ID :      | 67-6-BSMT-BOYS-BR-W | Dilution Factor : | 1                   |
| Date & Time Acquired :: | 2018-08-10 16:14:09 | DataFile Name :   | 072SMPL_P8081018-MS |

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|------------|-------|----------|----------|----------|----------|--------|-------|
| Aluminium  | 27-2  | 70       | 70       | 60       | 67       | 8.66   | cps   |
| Antimony   | 121-1 | 5877     | 5718     | 5601     | 5732     | 2.41   | cps   |
| Arsenic    | 75-2  | 26       | 28       | 28       | 27       | 3.93   | cps   |
| Barium     | 135-1 | 31806    | 31221    | 30461    | 31163    | 2.16   | cps   |
| Barium     | 137-1 | 54480    | 55659    | 52229    | 54123    | 3.22   | cps   |
| Beryllium  | 9-1   | 161      | 200      | 144      | 169      | 16.92  | cps   |
| Bismuth    | 209-1 | 9120156  | 8963435  | 9078923  | 9054171  | 0.90   | cps   |
| Bismuth    | 209-2 | 2227429  | 2172531  | 2195682  | 2198547  | 1.25   | cps   |
| Boron      | 10-1  | 1633     | 1558     | 1583     | 1592     | 2.40   | cps   |
| Boron      | 11-1  | 7285     | 7327     | 6460     | 7024     | 6.96   | cps   |
| Cadmium    | 111-1 | 1406     | 1591     | 1356     | 1451     | 8.52   | cps   |
| Cadmium    | 106-1 | 1867     | 2092     | 1734     | 1897     | 9.55   | cps   |
| Cadmium    | 108-1 | 25       | 4        | 17       | 15       | 68.61  | cps   |
| Calcium    | 43-1  | 104134   | 103437   | 103631   | 103734   | 0.35   | cps   |
| Calcium    | 44-1  | 1767808  | 1754309  | 1749208  | 1757108  | 0.55   | cps   |
| Chromium   | 52-2  | 463      | 423      | 450      | 446      | 4.57   | cps   |
| Cobalt     | 59-2  | 117      | 127      | 90       | 111      | 17.06  | cps   |
| Copper     | 63-2  | 279904   | 275284   | 275801   | 276996   | 0.91   | cps   |
| Dysprosium | 156-1 | 42       | 42       | 8        | 31       | 62.99  | cps   |
| Dysprosium | 156-2 | 7        | 3        | 7        | 6        | 34.70  | cps   |
| Erbium     | 164-1 | 92       | 100      | 67       | 86       | 20.14  | cps   |
| Erbium     | 164-2 | 17       | 7        | 3        | 9        | 78.08  | cps   |
| Gadolinium | 160-1 | 117      | 83       | 67       | 89       | 28.64  | cps   |
| Gadolinium | 160-2 | 10       | 3        | 13       | 9        | 57.30  | cps   |
| Holmium    | 165-1 | 13514220 | 12988067 | 13417024 | 13306437 | 2.10   | cps   |
| Holmium    | 165-2 | 2606812  | 2561433  | 2567802  | 2578682  | 0.95   | cps   |
| Indium     | 115-1 | 9870372  | 9635092  | 9818815  | 9774760  | 1.27   | cps   |
| Indium     | 115-2 | 365177   | 358130   | 356746   | 360018   | 1.26   | cps   |
| Iron       | 56-2  | 7802     | 7630     | 7513     | 7649     | 1.90   | cps   |
| Iron       | 57-2  | 222      | 283      | 194      | 233      | 19.49  | cps   |
| Krypton    | 83-1  | 277      | 283      | 347      | 302      | 12.78  | cps   |
| Lead       | 206-1 | 6396     | 5752     | 6052     | 6066     | 5.32   | cps   |
| Lead       | 207-1 | 5246     | 5218     | 5418     | 5294     | 2.05   | cps   |
| Lead       | 208-1 | 24638    | 23887    | 24237    | 24254    | 1.55   | cps   |
| Lithium    | 6-1   | 1608441  | 1555016  | 1601970  | 1588476  | 1.84   | cps   |
| Magnesium  | 24-2  | 29799    | 29356    | 28863    | 29339    | 1.59   | cps   |

|                         |                     |                   |                     |
|-------------------------|---------------------|-------------------|---------------------|
| LB Number :             | LB97237             | Operator :        | Jaswal              |
| Lab Sample ID :         | J4354-06            | Instrumnet Name : | P8                  |
| Client Sample ID :      | 67-6-BSMT-BOYS-BR-W | Dilution Factor : | 1                   |
| Date & Time Acquired :: | 2018-08-10 16:14:09 | DataFile Name :   | 072SMPL_P8081018-MS |

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|------------|-------|----------|----------|----------|----------|--------|-------|
| Manganese  | 55-2  | 1793     | 1863     | 1667     | 1775     | 5.62   | cps   |
| Molybdenum | 94-1  | 992      | 758      | 867      | 872      | 13.39  | cps   |
| Molybdenum | 95-1  | 342      | 292      | 308      | 314      | 8.11   | cps   |
| Molybdenum | 96-1  | 533      | 517      | 558      | 536      | 3.91   | cps   |
| Molybdenum | 97-1  | 250      | 283      | 175      | 236      | 23.50  | cps   |
| Molybdenum | 98-1  | 592      | 742      | 650      | 661      | 11.44  | cps   |
| Neodymium  | 150-1 | 20       | 40       | 40       | 33       | 34.64  | cps   |
| Neodymium  | 150-2 | 3        | 3        | 3        | 3        | 0.00   | cps   |
| Nickel     | 60-2  | 1677     | 1793     | 1700     | 1723     | 3.58   | cps   |
| Phosphorus | 31-2  | 217      | 158      | 225      | 200      | 18.16  | cps   |
| Potassium  | 39-2  | 8345     | 8003     | 7953     | 8100     | 2.63   | cps   |
| Rhodium    | 103-1 | 9081906  | 8689365  | 8994634  | 8921968  | 2.31   | cps   |
| Rhodium    | 103-2 | 2351179  | 2326404  | 2316782  | 2331455  | 0.76   | cps   |
| Scandium   | 45-1  | 5221593  | 5017053  | 5190966  | 5143204  | 2.14   | cps   |
| Scandium   | 45-2  | 35936    | 34499    | 34235    | 34890    | 2.62   | cps   |
| Selenium   | 77-2  | 3        | 0        | 0        | 1        | 173.21 | cps   |
| Selenium   | 78-2  | 4        | 0        | 0        | 1        | 173.21 | cps   |
| Selenium   | 82-1  | 34       | 44       | -41      | 13       | 367.09 | cps   |
| Silicon    | 28-1  | 3301324  | 3206091  | 3259000  | 3255472  | 1.47   | cps   |
| Silver     | 109-1 | 600      | 808      | 850      | 753      | 17.79  | cps   |
| Silver     | 107-1 | 783      | 675      | 867      | 775      | 12.40  | cps   |
| Sodium     | 23-2  | 616042   | 605349   | 606070   | 609154   | 0.98   | cps   |
| Strontium  | 86-1  | 44223    | 44440    | 44724    | 44462    | 0.57   | cps   |
| Strontium  | 88-1  | 381833   | 375104   | 374325   | 377087   | 1.09   | cps   |
| Sulfur     | 34-1  | 339933   | 338612   | 338499   | 339015   | 0.24   | cps   |
| Terbium    | 159-1 | 13621683 | 13291686 | 13692294 | 13535221 | 1.58   | cps   |
| Terbium    | 159-2 | 2477739  | 2448086  | 2417107  | 2447644  | 1.24   | cps   |
| Thallium   | 203-1 | 717      | 1000     | 875      | 864      | 16.44  | cps   |
| Thallium   | 205-1 | 2334     | 2325     | 1992     | 2217     | 8.79   | cps   |
| Tin        | 118-1 | 2667     | 2900     | 2884     | 2817     | 4.62   | cps   |
| Titanium   | 47-1  | 442      | 475      | 575      | 497      | 13.96  | cps   |
| Uranium    | 238-1 | 267      | 275      | 350      | 297      | 15.44  | cps   |
| Vanadium   | 51-2  | 30       | 20       | 27       | 26       | 19.92  | cps   |
| Yttrium    | 89-1  | 9737863  | 9400008  | 9784049  | 9640640  | 2.17   | cps   |
| Yttrium    | 89-2  | 262269   | 256609   | 256963   | 258614   | 1.23   | cps   |
| Zinc       | 66-2  | 18012    | 17892    | 17718    | 17874    | 0.83   | cps   |

|                         |                     |                   |                     |
|-------------------------|---------------------|-------------------|---------------------|
| LB Number :             | LB97237             | Operator :        | Jaswal              |
| Lab Sample ID :         | J4354-06            | Instrumnet Name : | P8                  |
| Client Sample ID :      | 67-6-BSMT-BOYS-BR-W | Dilution Factor : | 1                   |
| Date & Time Acquired :: | 2018-08-10 16:14:09 | DataFile Name :   | 072SMPL_P8081018-MS |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|-----------|------|------|------|------|---------|--------|-------|
| Zirconium | 90-1 | 1775 | 1959 | 1742 | 1825    | 6.39   | cps   |
| Zirconium | 91-1 | 467  | 350  | 433  | 417     | 14.42  | cps   |

|                         |                     |                   |                     |
|-------------------------|---------------------|-------------------|---------------------|
| LB Number :             | LB97237             | Operator :        | Jaswal              |
| Lab Sample ID :         | J4354-07            | Instrumnet Name : | P8                  |
| Client Sample ID :      | 67-7-FL2-WC         | Dilution Factor : | 1                   |
| Date & Time Acquired :: | 2018-08-10 16:17:29 | DataFile Name :   | 073SMPL_P8081018-MS |

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|------------|-------|----------|----------|----------|----------|--------|-------|
| Aluminium  | 27-2  | 65       | 100      | 85       | 83       | 21.07  | cps   |
| Antimony   | 121-1 | 3517     | 3392     | 3251     | 3387     | 3.94   | cps   |
| Arsenic    | 75-2  | 41       | 31       | 44       | 39       | 17.17  | cps   |
| Barium     | 135-1 | 43623    | 42962    | 42361    | 42982    | 1.47   | cps   |
| Barium     | 137-1 | 74167    | 74703    | 74937    | 74602    | 0.53   | cps   |
| Beryllium  | 9-1   | 189      | 194      | 150      | 178      | 13.62  | cps   |
| Bismuth    | 209-1 | 9236993  | 9275297  | 9236558  | 9249616  | 0.24   | cps   |
| Bismuth    | 209-2 | 2168044  | 2218463  | 2175872  | 2187459  | 1.24   | cps   |
| Boron      | 10-1  | 1292     | 1050     | 1217     | 1186     | 10.43  | cps   |
| Boron      | 11-1  | 5143     | 4859     | 5210     | 5071     | 3.67   | cps   |
| Cadmium    | 111-1 | 1411     | 1472     | 1545     | 1476     | 4.55   | cps   |
| Cadmium    | 106-1 | 1909     | 2009     | 2050     | 1989     | 3.66   | cps   |
| Cadmium    | 108-1 | 13       | 25       | 4        | 14       | 75.48  | cps   |
| Calcium    | 43-1  | 114900   | 116556   | 117589   | 116348   | 1.17   | cps   |
| Calcium    | 44-1  | 1984876  | 1951695  | 1963021  | 1966531  | 0.86   | cps   |
| Chromium   | 52-2  | 353      | 470      | 397      | 407      | 14.50  | cps   |
| Cobalt     | 59-2  | 100      | 50       | 83       | 78       | 32.73  | cps   |
| Copper     | 63-2  | 6548     | 6038     | 5928     | 6171     | 5.36   | cps   |
| Dysprosium | 156-1 | 42       | 42       | 42       | 42       | 0.00   | cps   |
| Dysprosium | 156-2 | 0        | 7        | 0        | 2        | 173.21 | cps   |
| Erbium     | 164-1 | 33       | 75       | 42       | 50       | 44.10  | cps   |
| Erbium     | 164-2 | 7        | 13       | 13       | 11       | 34.61  | cps   |
| Gadolinium | 160-1 | 108      | 100      | 92       | 100      | 8.33   | cps   |
| Gadolinium | 160-2 | 3        | 0        | 0        | 1        | 173.21 | cps   |
| Holmium    | 165-1 | 13508508 | 13608593 | 13418145 | 13511749 | 0.71   | cps   |
| Holmium    | 165-2 | 2570467  | 2589552  | 2555840  | 2571953  | 0.66   | cps   |
| Indium     | 115-1 | 9966159  | 9970485  | 9739494  | 9892046  | 1.34   | cps   |
| Indium     | 115-2 | 352511   | 353046   | 351839   | 352466   | 0.17   | cps   |
| Iron       | 56-2  | 6880     | 6830     | 6463     | 6724     | 3.39   | cps   |
| Iron       | 57-2  | 194      | 150      | 222      | 189      | 19.29  | cps   |
| Krypton    | 83-1  | 350      | 333      | 330      | 338      | 3.17   | cps   |
| Lead       | 206-1 | 750      | 811      | 822      | 794      | 4.89   | cps   |
| Lead       | 207-1 | 689      | 711      | 683      | 694      | 2.12   | cps   |
| Lead       | 208-1 | 3267     | 3072     | 3139     | 3160     | 3.13   | cps   |
| Lithium    | 6-1   | 1632365  | 1591198  | 1613036  | 1612200  | 1.28   | cps   |
| Magnesium  | 24-2  | 35771    | 36372    | 36406    | 36183    | 0.99   | cps   |



|                         |                     |                   |                     |
|-------------------------|---------------------|-------------------|---------------------|
| LB Number :             | LB97237             | Operator :        | Jaswal              |
| Lab Sample ID :         | J4354-07            | Instrumnet Name : | P8                  |
| Client Sample ID :      | 67-7-FL2-WC         | Dilution Factor : | 1                   |
| Date & Time Acquired :: | 2018-08-10 16:17:29 | DataFile Name :   | 073SMPL_P8081018-MS |

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|------------|-------|----------|----------|----------|----------|--------|-------|
| Manganese  | 55-2  | 2650     | 2667     | 2737     | 2685     | 1.71   | cps   |
| Molybdenum | 94-1  | 675      | 500      | 667      | 614      | 16.08  | cps   |
| Molybdenum | 95-1  | 250      | 200      | 250      | 233      | 12.37  | cps   |
| Molybdenum | 96-1  | 433      | 317      | 325      | 358      | 18.16  | cps   |
| Molybdenum | 97-1  | 108      | 208      | 158      | 158      | 31.58  | cps   |
| Molybdenum | 98-1  | 258      | 383      | 300      | 314      | 20.28  | cps   |
| Neodymium  | 150-1 | 33       | 7        | 7        | 16       | 98.96  | cps   |
| Neodymium  | 150-2 | 3        | 0        | 3        | 2        | 86.60  | cps   |
| Nickel     | 60-2  | 517      | 563      | 497      | 526      | 6.51   | cps   |
| Phosphorus | 31-2  | 458      | 350      | 325      | 378      | 18.76  | cps   |
| Potassium  | 39-2  | 8778     | 8678     | 9520     | 8992     | 5.12   | cps   |
| Rhodium    | 103-1 | 9186662  | 9095847  | 8966671  | 9083060  | 1.22   | cps   |
| Rhodium    | 103-2 | 2295176  | 2319177  | 2277094  | 2297149  | 0.92   | cps   |
| Scandium   | 45-1  | 5256775  | 5265980  | 5192372  | 5238376  | 0.77   | cps   |
| Scandium   | 45-2  | 33891    | 34165    | 35147    | 34401    | 1.92   | cps   |
| Selenium   | 77-2  | 0        | 0        | 0        | 0        | 0.00   | cps   |
| Selenium   | 78-2  | 0        | 4        | 0        | 1        | 173.21 | cps   |
| Selenium   | 82-1  | -51      | -41      | -23      | -38      | -37.94 | cps   |
| Silicon    | 28-1  | 6811457  | 6776015  | 6758229  | 6781900  | 0.40   | cps   |
| Silver     | 109-1 | 1233     | 1508     | 1542     | 1428     | 11.85  | cps   |
| Silver     | 107-1 | 1617     | 1534     | 1567     | 1572     | 2.67   | cps   |
| Sodium     | 23-2  | 580493   | 577318   | 573630   | 577147   | 0.60   | cps   |
| Strontium  | 86-1  | 56308    | 56158    | 55690    | 56052    | 0.58   | cps   |
| Strontium  | 88-1  | 484019   | 478089   | 471057   | 477722   | 1.36   | cps   |
| Sulfur     | 34-1  | 347155   | 349999   | 340463   | 345872   | 1.42   | cps   |
| Terbium    | 159-1 | 13860478 | 13807859 | 13577349 | 13748562 | 1.10   | cps   |
| Terbium    | 159-2 | 2431090  | 2442676  | 2440885  | 2438217  | 0.26   | cps   |
| Thallium   | 203-1 | 458      | 558      | 642      | 553      | 16.61  | cps   |
| Thallium   | 205-1 | 1233     | 1175     | 1333     | 1247     | 6.42   | cps   |
| Tin        | 118-1 | 1767     | 1692     | 1992     | 1817     | 8.59   | cps   |
| Titanium   | 47-1  | 608      | 608      | 558      | 592      | 4.88   | cps   |
| Uranium    | 238-1 | 83       | 92       | 108      | 94       | 13.48  | cps   |
| Vanadium   | 51-2  | 10       | 23       | 23       | 19       | 40.75  | cps   |
| Yttrium    | 89-1  | 9865802  | 9873799  | 9675965  | 9805188  | 1.14   | cps   |
| Yttrium    | 89-2  | 255688   | 254907   | 255405   | 255333   | 0.15   | cps   |
| Zinc       | 66-2  | 8483     | 8259     | 8109     | 8284     | 2.27   | cps   |

|                         |                     |                   |                     |
|-------------------------|---------------------|-------------------|---------------------|
| LB Number :             | LB97237             | Operator :        | Jaswal              |
| Lab Sample ID :         | J4354-07            | Instrumnet Name : | P8                  |
| Client Sample ID :      | 67-7-FL2-WC         | Dilution Factor : | 1                   |
| Date & Time Acquired :: | 2018-08-10 16:17:29 | DataFile Name :   | 073SMPL_P8081018-MS |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|-----------|------|------|------|------|---------|--------|-------|
| Zirconium | 90-1 | 1217 | 1250 | 1325 | 1264    | 4.39   | cps   |
| Zirconium | 91-1 | 292  | 283  | 267  | 281     | 4.54   | cps   |

|                         |                     |                   |                     |
|-------------------------|---------------------|-------------------|---------------------|
| LB Number :             | LB97237             | Operator :        | Jaswal              |
| Lab Sample ID :         | J4354-08            | Instrumnet Name : | P8                  |
| Client Sample ID :      | 67-8-FL2-BR-W2-S1   | Dilution Factor : | 1                   |
| Date & Time Acquired :: | 2018-08-10 16:20:49 | DataFile Name :   | 074SMPL_P8081018-MS |

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|------------|-------|----------|----------|----------|----------|--------|-------|
| Aluminium  | 27-2  | 98       | 85       | 118      | 100      | 16.39  | cps   |
| Antimony   | 121-1 | 9729     | 9846     | 9954     | 9843     | 1.14   | cps   |
| Arsenic    | 75-2  | 28       | 20       | 13       | 20       | 36.38  | cps   |
| Barium     | 135-1 | 36977    | 37805    | 37128    | 37304    | 1.18   | cps   |
| Barium     | 137-1 | 66442    | 64591    | 64952    | 65328    | 1.50   | cps   |
| Beryllium  | 9-1   | 161      | 189      | 144      | 165      | 13.62  | cps   |
| Bismuth    | 209-1 | 9236146  | 9000906  | 9197647  | 9144900  | 1.38   | cps   |
| Bismuth    | 209-2 | 2216724  | 2177072  | 2145275  | 2179690  | 1.64   | cps   |
| Boron      | 10-1  | 1775     | 1742     | 1634     | 1717     | 4.32   | cps   |
| Boron      | 11-1  | 7469     | 7777     | 8353     | 7866     | 5.70   | cps   |
| Cadmium    | 111-1 | 1814     | 1771     | 1727     | 1771     | 2.47   | cps   |
| Cadmium    | 106-1 | 2167     | 2175     | 2034     | 2125     | 3.74   | cps   |
| Cadmium    | 108-1 | 158      | 163      | 150      | 157      | 4.06   | cps   |
| Calcium    | 43-1  | 98485    | 97219    | 95944    | 97216    | 1.31   | cps   |
| Calcium    | 44-1  | 1674583  | 1658605  | 1622563  | 1651917  | 1.61   | cps   |
| Chromium   | 52-2  | 330      | 400      | 383      | 371      | 9.85   | cps   |
| Cobalt     | 59-2  | 203      | 193      | 147      | 181      | 16.70  | cps   |
| Copper     | 63-2  | 436898   | 435848   | 434911   | 435886   | 0.23   | cps   |
| Dysprosium | 156-1 | 83       | 33       | 25       | 47       | 66.82  | cps   |
| Dysprosium | 156-2 | 3        | 7        | 17       | 9        | 78.08  | cps   |
| Erbium     | 164-1 | 75       | 75       | 75       | 75       | 0.00   | cps   |
| Erbium     | 164-2 | 7        | 7        | 10       | 8        | 24.71  | cps   |
| Gadolinium | 160-1 | 67       | 108      | 125      | 100      | 30.05  | cps   |
| Gadolinium | 160-2 | 23       | 23       | 33       | 27       | 21.65  | cps   |
| Holmium    | 165-1 | 13608625 | 13336587 | 13669446 | 13538219 | 1.31   | cps   |
| Holmium    | 165-2 | 2617376  | 2564601  | 2529152  | 2570376  | 1.73   | cps   |
| Indium     | 115-1 | 9901932  | 9720128  | 10039904 | 9887321  | 1.62   | cps   |
| Indium     | 115-2 | 360247   | 352421   | 346920   | 353196   | 1.90   | cps   |
| Iron       | 56-2  | 7847     | 8080     | 7702     | 7877     | 2.42   | cps   |
| Iron       | 57-2  | 311      | 172      | 194      | 226      | 33.02  | cps   |
| Krypton    | 83-1  | 317      | 343      | 267      | 309      | 12.60  | cps   |
| Lead       | 206-1 | 27803    | 28015    | 28243    | 28020    | 0.78   | cps   |
| Lead       | 207-1 | 23383    | 23906    | 22816    | 23368    | 2.33   | cps   |
| Lead       | 208-1 | 109370   | 110283   | 108405   | 109353   | 0.86   | cps   |
| Lithium    | 6-1   | 1636232  | 1613636  | 1628434  | 1626101  | 0.71   | cps   |
| Magnesium  | 24-2  | 29607    | 29907    | 29974    | 29829    | 0.66   | cps   |

|                         |                     |                   |                     |
|-------------------------|---------------------|-------------------|---------------------|
| LB Number :             | LB97237             | Operator :        | Jaswal              |
| Lab Sample ID :         | J4354-08            | Instrumnet Name : | P8                  |
| Client Sample ID :      | 67-8-FL2-BR-W2-S1   | Dilution Factor : | 1                   |
| Date & Time Acquired :: | 2018-08-10 16:20:49 | DataFile Name :   | 074SMPL_P8081018-MS |

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|------------|-------|----------|----------|----------|----------|--------|-------|
| Manganese  | 55-2  | 2297     | 2320     | 2067     | 2228     | 6.29   | cps   |
| Molybdenum | 94-1  | 642      | 767      | 717      | 708      | 8.88   | cps   |
| Molybdenum | 95-1  | 233      | 450      | 283      | 322      | 35.21  | cps   |
| Molybdenum | 96-1  | 517      | 417      | 567      | 500      | 15.28  | cps   |
| Molybdenum | 97-1  | 217      | 317      | 250      | 261      | 19.50  | cps   |
| Molybdenum | 98-1  | 617      | 550      | 583      | 583      | 5.71   | cps   |
| Neodymium  | 150-1 | 33       | 33       | 33       | 33       | 0.00   | cps   |
| Neodymium  | 150-2 | 0        | 0        | 3        | 1        | 173.21 | cps   |
| Nickel     | 60-2  | 2830     | 2977     | 2837     | 2881     | 2.87   | cps   |
| Phosphorus | 31-2  | 67       | 175      | 117      | 119      | 45.39  | cps   |
| Potassium  | 39-2  | 8228     | 8153     | 7928     | 8103     | 1.93   | cps   |
| Rhodium    | 103-1 | 9195024  | 8965469  | 9114379  | 9091624  | 1.28   | cps   |
| Rhodium    | 103-2 | 2337228  | 2301116  | 2248847  | 2295730  | 1.94   | cps   |
| Scandium   | 45-1  | 5193837  | 5051609  | 5237334  | 5160926  | 1.88   | cps   |
| Scandium   | 45-2  | 34897    | 34613    | 33734    | 34414    | 1.76   | cps   |
| Selenium   | 77-2  | 0        | 0        | 0        | 0        | 0.00   | cps   |
| Selenium   | 78-2  | 0        | 0        | 0        | 0        | 0.00   | cps   |
| Selenium   | 82-1  | 41       | 18       | 44       | 35       | 40.97  | cps   |
| Silicon    | 28-1  | 3374304  | 3347934  | 3341933  | 3354724  | 0.51   | cps   |
| Silver     | 109-1 | 725      | 692      | 642      | 686      | 6.11   | cps   |
| Silver     | 107-1 | 717      | 933      | 833      | 828      | 13.10  | cps   |
| Sodium     | 23-2  | 591031   | 583047   | 585596   | 586558   | 0.70   | cps   |
| Strontium  | 86-1  | 42827    | 43788    | 43864    | 43493    | 1.33   | cps   |
| Strontium  | 88-1  | 375330   | 373108   | 370404   | 372948   | 0.66   | cps   |
| Sulfur     | 34-1  | 331122   | 328310   | 328172   | 329201   | 0.51   | cps   |
| Terbium    | 159-1 | 13974215 | 13593545 | 14018794 | 13862185 | 1.69   | cps   |
| Terbium    | 159-2 | 2462904  | 2437763  | 2389777  | 2430148  | 1.53   | cps   |
| Thallium   | 203-1 | 508      | 492      | 600      | 533      | 10.94  | cps   |
| Thallium   | 205-1 | 1483     | 1300     | 1367     | 1383     | 6.71   | cps   |
| Tin        | 118-1 | 1975     | 2217     | 2367     | 2186     | 9.04   | cps   |
| Titanium   | 47-1  | 308      | 417      | 342      | 356      | 15.61  | cps   |
| Uranium    | 238-1 | 1233     | 1175     | 1408     | 1272     | 9.54   | cps   |
| Vanadium   | 51-2  | 43       | 43       | 13       | 33       | 51.97  | cps   |
| Yttrium    | 89-1  | 9847525  | 9539235  | 9881669  | 9756143  | 1.93   | cps   |
| Yttrium    | 89-2  | 258532   | 255039   | 248573   | 254048   | 1.99   | cps   |
| Zinc       | 66-2  | 406017   | 404137   | 399178   | 403110   | 0.88   | cps   |

|                         |                     |                   |                     |
|-------------------------|---------------------|-------------------|---------------------|
| LB Number :             | LB97237             | Operator :        | Jaswal              |
| Lab Sample ID :         | J4354-08            | Instrumnet Name : | P8                  |
| Client Sample ID :      | 67-8-FL2-BR-W2-S1   | Dilution Factor : | 1                   |
| Date & Time Acquired :: | 2018-08-10 16:20:49 | DataFile Name :   | 074SMPL_P8081018-MS |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|-----------|------|------|------|------|---------|--------|-------|
| Zirconium | 90-1 | 1650 | 1383 | 1225 | 1420    | 15.13  | cps   |
| Zirconium | 91-1 | 275  | 308  | 292  | 292     | 5.72   | cps   |

|                         |                       |                   |                     |
|-------------------------|-----------------------|-------------------|---------------------|
| LB Number :             | LB97237               | Operator :        | Jaswal              |
| Lab Sample ID :         | J4354-09              | Instrumnet Name : | P8                  |
| Client Sample ID :      | 67-9-FL3-ADMIN-OFFICI | Dilution Factor : | 1                   |
| Date & Time Acquired :: | 2018-08-10 16:24:09   | DataFile Name :   | 075SMPL_P8081018-MS |

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|------------|-------|----------|----------|----------|----------|--------|-------|
| Aluminium  | 27-2  | 40       | 65       | 50       | 52       | 24.36  | cps   |
| Antimony   | 121-1 | 2817     | 2900     | 2875     | 2864     | 1.49   | cps   |
| Arsenic    | 75-2  | 24       | 50       | 33       | 36       | 36.70  | cps   |
| Barium     | 135-1 | 24999    | 24281    | 23405    | 24229    | 3.30   | cps   |
| Barium     | 137-1 | 43038    | 42595    | 42787    | 42807    | 0.52   | cps   |
| Beryllium  | 9-1   | 156      | 128      | 117      | 133      | 15.02  | cps   |
| Bismuth    | 209-1 | 8740868  | 9236478  | 9430439  | 9135928  | 3.89   | cps   |
| Bismuth    | 209-2 | 2219097  | 2189680  | 2151220  | 2186666  | 1.56   | cps   |
| Boron      | 10-1  | 2767     | 2700     | 2950     | 2806     | 4.61   | cps   |
| Boron      | 11-1  | 13373    | 13874    | 13816    | 13688    | 2.00   | cps   |
| Cadmium    | 111-1 | 2720     | 2656     | 2626     | 2667     | 1.80   | cps   |
| Cadmium    | 106-1 | 2025     | 1975     | 2134     | 2045     | 3.96   | cps   |
| Cadmium    | 108-1 | 92       | 92       | 108      | 97       | 9.90   | cps   |
| Calcium    | 43-1  | 100080   | 98393    | 96413    | 98295    | 1.87   | cps   |
| Calcium    | 44-1  | 1665777  | 1658368  | 1634898  | 1653014  | 0.98   | cps   |
| Chromium   | 52-2  | 657      | 713      | 723      | 698      | 5.15   | cps   |
| Cobalt     | 59-2  | 180      | 153      | 147      | 160      | 11.02  | cps   |
| Copper     | 63-2  | 2220     | 2377     | 2274     | 2290     | 3.48   | cps   |
| Dysprosium | 156-1 | 17       | 8        | 33       | 19       | 65.47  | cps   |
| Dysprosium | 156-2 | 10       | 10       | 3        | 8        | 49.52  | cps   |
| Erbium     | 164-1 | 58       | 50       | 33       | 47       | 26.97  | cps   |
| Erbium     | 164-2 | 10       | 10       | 7        | 9        | 21.63  | cps   |
| Gadolinium | 160-1 | 75       | 117      | 75       | 89       | 27.07  | cps   |
| Gadolinium | 160-2 | 20       | 27       | 7        | 18       | 57.27  | cps   |
| Holmium    | 165-1 | 12748168 | 13591144 | 13610113 | 13316475 | 3.70   | cps   |
| Holmium    | 165-2 | 2564044  | 2541070  | 2544140  | 2549752  | 0.49   | cps   |
| Indium     | 115-1 | 9364676  | 9847786  | 9953820  | 9722094  | 3.23   | cps   |
| Indium     | 115-2 | 355058   | 351714   | 344246   | 350339   | 1.58   | cps   |
| Iron       | 56-2  | 6657     | 6407     | 6602     | 6555     | 2.00   | cps   |
| Iron       | 57-2  | 178      | 167      | 156      | 167      | 6.67   | cps   |
| Krypton    | 83-1  | 307      | 277      | 297      | 293      | 5.21   | cps   |
| Lead       | 206-1 | 500      | 594      | 661      | 585      | 13.83  | cps   |
| Lead       | 207-1 | 517      | 561      | 500      | 526      | 6.01   | cps   |
| Lead       | 208-1 | 2339     | 2395     | 2406     | 2380     | 1.50   | cps   |
| Lithium    | 6-1   | 1539375  | 1634758  | 1640080  | 1604738  | 3.53   | cps   |
| Magnesium  | 24-2  | 30258    | 30216    | 30902    | 30459    | 1.26   | cps   |

|                         |                       |                   |                     |
|-------------------------|-----------------------|-------------------|---------------------|
| LB Number :             | LB97237               | Operator :        | Jaswal              |
| Lab Sample ID :         | J4354-09              | Instrumnet Name : | P8                  |
| Client Sample ID :      | 67-9-FL3-ADMIN-OFFICI | Dilution Factor : | 1                   |
| Date & Time Acquired :: | 2018-08-10 16:24:09   | DataFile Name :   | 075SMPL_P8081018-MS |

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|------------|-------|----------|----------|----------|----------|--------|-------|
| Manganese  | 55-2  | 9373     | 9393     | 9003     | 9257     | 2.37   | cps   |
| Molybdenum | 94-1  | 592      | 617      | 492      | 567      | 11.67  | cps   |
| Molybdenum | 95-1  | 192      | 175      | 183      | 183      | 4.55   | cps   |
| Molybdenum | 96-1  | 333      | 317      | 383      | 344      | 10.07  | cps   |
| Molybdenum | 97-1  | 108      | 125      | 133      | 122      | 10.41  | cps   |
| Molybdenum | 98-1  | 242      | 358      | 375      | 325      | 22.35  | cps   |
| Neodymium  | 150-1 | 13       | 13       | 33       | 20       | 57.74  | cps   |
| Neodymium  | 150-2 | 0        | 0        | 0        | 0        | 0.00   | cps   |
| Nickel     | 60-2  | 5091     | 4961     | 4898     | 4983     | 1.98   | cps   |
| Phosphorus | 31-2  | 125      | 192      | 175      | 164      | 21.17  | cps   |
| Potassium  | 39-2  | 9687     | 9996     | 10179    | 9954     | 2.50   | cps   |
| Rhodium    | 103-1 | 8472455  | 9018140  | 9145055  | 8878550  | 4.03   | cps   |
| Rhodium    | 103-2 | 2304630  | 2299872  | 2270924  | 2291809  | 0.80   | cps   |
| Scandium   | 45-1  | 4893996  | 5195098  | 5192567  | 5093887  | 3.40   | cps   |
| Scandium   | 45-2  | 34025    | 33720    | 33554    | 33766    | 0.71   | cps   |
| Selenium   | 77-2  | 0        | 0        | 0        | 0        | 0.00   | cps   |
| Selenium   | 78-2  | 0        | 2        | 2        | 1        | 86.60  | cps   |
| Selenium   | 82-1  | -2       | 20       | 11       | 10       | 112.43 | cps   |
| Silicon    | 28-1  | 6007908  | 5974012  | 6004077  | 5995333  | 0.31   | cps   |
| Silver     | 109-1 | 1592     | 1717     | 1567     | 1625     | 4.94   | cps   |
| Silver     | 107-1 | 1542     | 1550     | 1900     | 1664     | 12.29  | cps   |
| Sodium     | 23-2  | 593716   | 592221   | 590009   | 591982   | 0.31   | cps   |
| Strontium  | 86-1  | 48864    | 48286    | 49097    | 48749    | 0.86   | cps   |
| Strontium  | 88-1  | 426994   | 418726   | 416132   | 420618   | 1.35   | cps   |
| Sulfur     | 34-1  | 362124   | 361938   | 361872   | 361978   | 0.04   | cps   |
| Terbium    | 159-1 | 13026666 | 14023242 | 13770516 | 13606808 | 3.81   | cps   |
| Terbium    | 159-2 | 2482683  | 2391018  | 2402287  | 2425329  | 2.06   | cps   |
| Thallium   | 203-1 | 400      | 350      | 450      | 400      | 12.50  | cps   |
| Thallium   | 205-1 | 958      | 958      | 1017     | 978      | 3.45   | cps   |
| Tin        | 118-1 | 1992     | 1875     | 1450     | 1772     | 16.09  | cps   |
| Titanium   | 47-1  | 300      | 475      | 350      | 375      | 24.04  | cps   |
| Uranium    | 238-1 | 33       | 33       | 25       | 31       | 15.75  | cps   |
| Vanadium   | 51-2  | 10       | 7        | 17       | 11       | 45.82  | cps   |
| Yttrium    | 89-1  | 9234798  | 9731338  | 9866877  | 9611004  | 3.46   | cps   |
| Yttrium    | 89-2  | 254655   | 252864   | 248596   | 252038   | 1.23   | cps   |
| Zinc       | 66-2  | 23400    | 23457    | 22619    | 23158    | 2.02   | cps   |

|                         |                       |                   |                     |
|-------------------------|-----------------------|-------------------|---------------------|
| LB Number :             | LB97237               | Operator :        | Jaswal              |
| Lab Sample ID :         | J4354-09              | Instrumnet Name : | P8                  |
| Client Sample ID :      | 67-9-FL3-ADMIN-OFFICI | Dilution Factor : | 1                   |
| Date & Time Acquired :: | 2018-08-10 16:24:09   | DataFile Name :   | 075SMPL_P8081018-MS |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|-----------|------|------|------|------|---------|--------|-------|
| Zirconium | 90-1 | 1267 | 1150 | 1067 | 1161    | 8.65   | cps   |
| Zirconium | 91-1 | 358  | 292  | 267  | 306     | 15.51  | cps   |



LB Number : LB97237 Operator : Jaswal  
 Lab Sample ID : J4354-10 Instrumnet Name : P8  
 Client Sample ID : 67-10-FL3-ADMIN-OFF-V Dilution Factor : 1  
 Date & Time Acquired :: 2018-08-10 16:27:29 DataFile Name : 076SMPL\_P8081018-MS

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|------------|-------|----------|----------|----------|----------|--------|-------|
| Aluminium  | 27-2  | 70       | 48       | 50       | 56       | 22.09  | cps   |
| Antimony   | 121-1 | 3767     | 4001     | 4443     | 4070     | 8.43   | cps   |
| Arsenic    | 75-2  | 19       | 31       | 30       | 27       | 26.41  | cps   |
| Barium     | 135-1 | 43263    | 43280    | 43305    | 43283    | 0.05   | cps   |
| Barium     | 137-1 | 76211    | 75650    | 75324    | 75728    | 0.59   | cps   |
| Beryllium  | 9-1   | 133      | 172      | 133      | 146      | 15.35  | cps   |
| Bismuth    | 209-1 | 9500347  | 9439052  | 9312230  | 9417210  | 1.02   | cps   |
| Bismuth    | 209-2 | 1987152  | 2224850  | 2272526  | 2161510  | 7.07   | cps   |
| Boron      | 10-1  | 1183     | 1308     | 1492     | 1328     | 11.68  | cps   |
| Boron      | 11-1  | 6460     | 6735     | 6235     | 6477     | 3.87   | cps   |
| Cadmium    | 111-1 | 6407     | 6322     | 6783     | 6504     | 3.77   | cps   |
| Cadmium    | 106-1 | 2467     | 2642     | 2842     | 2650     | 7.08   | cps   |
| Cadmium    | 108-1 | 388      | 338      | 350      | 358      | 7.26   | cps   |
| Calcium    | 43-1  | 109450   | 107459   | 108718   | 108542   | 0.93   | cps   |
| Calcium    | 44-1  | 1840511  | 1828124  | 1850870  | 1839835  | 0.62   | cps   |
| Chromium   | 52-2  | 447      | 357      | 360      | 388      | 13.16  | cps   |
| Cobalt     | 59-2  | 177      | 187      | 147      | 170      | 12.24  | cps   |
| Copper     | 63-2  | 189479   | 186529   | 184175   | 186728   | 1.42   | cps   |
| Dysprosium | 156-1 | 50       | 50       | 58       | 53       | 9.12   | cps   |
| Dysprosium | 156-2 | 7        | 7        | 7        | 7        | 0.00   | cps   |
| Erbium     | 164-1 | 67       | 83       | 50       | 67       | 25.00  | cps   |
| Erbium     | 164-2 | 13       | 3        | 0        | 6        | 124.93 | cps   |
| Gadolinium | 160-1 | 92       | 83       | 75       | 83       | 10.00  | cps   |
| Gadolinium | 160-2 | 13       | 7        | 23       | 14       | 58.06  | cps   |
| Holmium    | 165-1 | 14202109 | 13875512 | 13635086 | 13904236 | 2.05   | cps   |
| Holmium    | 165-2 | 2382975  | 2623865  | 2676225  | 2561022  | 6.11   | cps   |
| Indium     | 115-1 | 10284144 | 10187659 | 10024563 | 10165455 | 1.29   | cps   |
| Indium     | 115-2 | 328365   | 362175   | 364568   | 351703   | 5.76   | cps   |
| Iron       | 56-2  | 651067   | 635099   | 635299   | 640488   | 1.43   | cps   |
| Iron       | 57-2  | 16855    | 15776    | 16616    | 16416    | 3.45   | cps   |
| Krypton    | 83-1  | 313      | 363      | 343      | 340      | 7.40   | cps   |
| Lead       | 206-1 | 5952     | 5829     | 6013     | 5931     | 1.57   | cps   |
| Lead       | 207-1 | 4629     | 5129     | 4645     | 4801     | 5.92   | cps   |
| Lead       | 208-1 | 22764    | 22953    | 22898    | 22872    | 0.42   | cps   |
| Lithium    | 6-1   | 1681102  | 1652830  | 1655121  | 1663018  | 0.94   | cps   |
| Magnesium  | 24-2  | 33332    | 32170    | 32872    | 32792    | 1.78   | cps   |

LB Number : LB97237 Operator : Jaswal  
 Lab Sample ID : J4354-10 Instrumnet Name : P8  
 Client Sample ID : 67-10-FL3-ADMIN-OFF-V Dilution Factor : 1  
 Date & Time Acquired :: 2018-08-10 16:27:29 DataFile Name : 076SMPL\_P8081018-MS

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD  | Units |
|------------|-------|----------|----------|----------|----------|---------|-------|
| Manganese  | 55-2  | 1720     | 1787     | 1670     | 1726     | 3.39    | cps   |
| Molybdenum | 94-1  | 717      | 617      | 642      | 658      | 7.91    | cps   |
| Molybdenum | 95-1  | 208      | 217      | 258      | 228      | 11.76   | cps   |
| Molybdenum | 96-1  | 375      | 400      | 525      | 433      | 18.55   | cps   |
| Molybdenum | 97-1  | 183      | 158      | 225      | 189      | 17.83   | cps   |
| Molybdenum | 98-1  | 392      | 417      | 450      | 419      | 6.98    | cps   |
| Neodymium  | 150-1 | 27       | 20       | 7        | 18       | 57.27   | cps   |
| Neodymium  | 150-2 | 0        | 0        | 3        | 1        | 173.21  | cps   |
| Nickel     | 60-2  | 23219    | 22766    | 23049    | 23011    | 1.00    | cps   |
| Phosphorus | 31-2  | 158      | 117      | 142      | 139      | 15.10   | cps   |
| Potassium  | 39-2  | 8978     | 8361     | 8136     | 8492     | 5.14    | cps   |
| Rhodium    | 103-1 | 9466978  | 9353294  | 9266578  | 9362283  | 1.07    | cps   |
| Rhodium    | 103-2 | 2172536  | 2355885  | 2365098  | 2297839  | 4.73    | cps   |
| Scandium   | 45-1  | 5436785  | 5301763  | 5262093  | 5333547  | 1.72    | cps   |
| Scandium   | 45-2  | 30437    | 34198    | 36611    | 33749    | 9.22    | cps   |
| Selenium   | 77-2  | 0        | 3        | 0        | 1        | 173.21  | cps   |
| Selenium   | 78-2  | 2        | 0        | 2        | 1        | 86.60   | cps   |
| Selenium   | 82-1  | 35       | -58      | -24      | -16      | -299.61 | cps   |
| Silicon    | 28-1  | 3524263  | 3513849  | 3534678  | 3524263  | 0.30    | cps   |
| Silver     | 109-1 | 425      | 508      | 583      | 506      | 15.67   | cps   |
| Silver     | 107-1 | 608      | 600      | 550      | 586      | 5.38    | cps   |
| Sodium     | 23-2  | 622644   | 606036   | 608508   | 612396   | 1.46    | cps   |
| Strontium  | 86-1  | 50670    | 49892    | 50611    | 50391    | 0.86    | cps   |
| Strontium  | 88-1  | 433292   | 432906   | 430541   | 432246   | 0.34    | cps   |
| Sulfur     | 34-1  | 344082   | 343765   | 345636   | 344494   | 0.29    | cps   |
| Terbium    | 159-1 | 14404852 | 14256435 | 14138080 | 14266456 | 0.94    | cps   |
| Terbium    | 159-2 | 2265344  | 2531330  | 2505681  | 2434118  | 6.03    | cps   |
| Thallium   | 203-1 | 492      | 258      | 442      | 397      | 30.93   | cps   |
| Thallium   | 205-1 | 1017     | 1108     | 1200     | 1108     | 8.27    | cps   |
| Tin        | 118-1 | 2000     | 2034     | 1900     | 1978     | 3.51    | cps   |
| Titanium   | 47-1  | 400      | 400      | 375      | 392      | 3.69    | cps   |
| Uranium    | 238-1 | 242      | 258      | 317      | 272      | 14.47   | cps   |
| Vanadium   | 51-2  | 7        | 20       | 27       | 18       | 57.27   | cps   |
| Yttrium    | 89-1  | 10152321 | 10038186 | 9885473  | 10025327 | 1.34    | cps   |
| Yttrium    | 89-2  | 237715   | 262994   | 262092   | 254267   | 5.64    | cps   |
| Zinc       | 66-2  | 120141   | 118652   | 116924   | 118572   | 1.36    | cps   |

|                         |                       |                   |                     |
|-------------------------|-----------------------|-------------------|---------------------|
| LB Number :             | LB97237               | Operator :        | Jaswal              |
| Lab Sample ID :         | J4354-10              | Instrumnet Name : | P8                  |
| Client Sample ID :      | 67-10-FL3-ADMIN-OFF-V | Dilution Factor : | 1                   |
| Date & Time Acquired :: | 2018-08-10 16:27:29   | DataFile Name :   | 076SMPL_P8081018-MS |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|-----------|------|------|------|------|---------|--------|-------|
| Zirconium | 90-1 | 1425 | 1425 | 1308 | 1386    | 4.86   | cps   |
| Zirconium | 91-1 | 300  | 392  | 333  | 342     | 13.58  | cps   |

|                         |                     |                   |                      |
|-------------------------|---------------------|-------------------|----------------------|
| LB Number :             | LB97237             | Operator :        | Jaswal               |
| Lab Sample ID :         | CCV95               | Instrumnet Name : | P8                   |
| Client Sample ID :      | CCV95               | Dilution Factor : | 1                    |
| Date & Time Acquired :: | 2018-08-10 16:30:48 | DataFile Name :   | 077CCV_P8081018-MS.I |

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|------------|-------|----------|----------|----------|----------|--------|-------|
| Aluminium  | 27-2  | 265006   | 261921   | 263957   | 263628   | 0.59   | cps   |
| Antimony   | 121-1 | 4357108  | 4344417  | 4358193  | 4353239  | 0.18   | cps   |
| Arsenic    | 75-2  | 39490    | 39939    | 39883    | 39771    | 0.62   | cps   |
| Barium     | 135-1 | 4756981  | 4788721  | 4744656  | 4763453  | 0.48   | cps   |
| Barium     | 137-1 | 8290726  | 8205564  | 8286380  | 8260890  | 0.58   | cps   |
| Beryllium  | 9-1   | 537884   | 535593   | 533008   | 535495   | 0.46   | cps   |
| Bismuth    | 209-1 | 8128422  | 7718219  | 8044709  | 7963784  | 2.72   | cps   |
| Bismuth    | 209-2 | 2029302  | 2048111  | 1999682  | 2025698  | 1.21   | cps   |
| Boron      | 10-1  | 60528    | 62578    | 63734    | 62280    | 2.61   | cps   |
| Boron      | 11-1  | 286246   | 298836   | 301422   | 295501   | 2.75   | cps   |
| Cadmium    | 111-1 | 907312   | 902622   | 907398   | 905777   | 0.30   | cps   |
| Cadmium    | 106-1 | 99507    | 98290    | 98970    | 98923    | 0.62   | cps   |
| Cadmium    | 108-1 | 64872    | 64613    | 65366    | 64950    | 0.59   | cps   |
| Calcium    | 43-1  | 4477952  | 4438694  | 4444092  | 4453579  | 0.48   | cps   |
| Calcium    | 44-1  | 72693062 | 72637737 | 72296175 | 72542325 | 0.30   | cps   |
| Chromium   | 52-2  | 350883   | 350118   | 350073   | 350358   | 0.13   | cps   |
| Cobalt     | 59-2  | 737449   | 740436   | 736984   | 738290   | 0.25   | cps   |
| Copper     | 63-2  | 1239108  | 1239188  | 1239080  | 1239125  | 0.00   | cps   |
| Dysprosium | 156-1 | 92       | 67       | 75       | 78       | 16.37  | cps   |
| Dysprosium | 156-2 | 3        | 10       | 0        | 4        | 114.60 | cps   |
| Erbium     | 164-1 | 33       | 58       | 42       | 44       | 28.65  | cps   |
| Erbium     | 164-2 | 13       | 10       | 10       | 11       | 17.30  | cps   |
| Gadolinium | 160-1 | 58       | 100      | 92       | 83       | 26.46  | cps   |
| Gadolinium | 160-2 | 10       | 20       | 10       | 13       | 43.30  | cps   |
| Holmium    | 165-1 | 12694547 | 12051732 | 12557763 | 12434681 | 2.72   | cps   |
| Holmium    | 165-2 | 2517933  | 2563465  | 2514754  | 2532051  | 1.08   | cps   |
| Indium     | 115-1 | 8958618  | 8478393  | 8763929  | 8733647  | 2.77   | cps   |
| Indium     | 115-2 | 336103   | 339455   | 337326   | 337628   | 0.50   | cps   |
| Iron       | 56-2  | 57460235 | 57505025 | 57177846 | 57381035 | 0.31   | cps   |
| Iron       | 57-2  | 1480631  | 1449812  | 1468939  | 1466461  | 1.06   | cps   |
| Krypton    | 83-1  | 300      | 260      | 297      | 286      | 7.77   | cps   |
| Lead       | 206-1 | 3219745  | 3179683  | 3214819  | 3204749  | 0.68   | cps   |
| Lead       | 207-1 | 2965717  | 2900036  | 2911695  | 2925816  | 1.20   | cps   |
| Lead       | 208-1 | 13148731 | 13005650 | 13122352 | 13092244 | 0.58   | cps   |
| Lithium    | 6-1   | 1477628  | 1411293  | 1480314  | 1456412  | 2.68   | cps   |
| Magnesium  | 24-2  | 6166455  | 6184000  | 6141377  | 6163944  | 0.35   | cps   |

|                         |                     |                   |                      |
|-------------------------|---------------------|-------------------|----------------------|
| LB Number :             | LB97237             | Operator :        | Jaswal               |
| Lab Sample ID :         | CCV95               | Instrumnet Name : | P8                   |
| Client Sample ID :      | CCV95               | Dilution Factor : | 1                    |
| Date & Time Acquired :: | 2018-08-10 16:30:48 | DataFile Name :   | 077CCV_P8081018-MS.I |

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|------------|-------|----------|----------|----------|----------|--------|-------|
| Manganese  | 55-2  | 188661   | 189655   | 189407   | 189241   | 0.27   | cps   |
| Molybdenum | 94-1  | 7373612  | 7398879  | 7320719  | 7364404  | 0.54   | cps   |
| Molybdenum | 95-1  | 9071620  | 9033492  | 8982720  | 9029278  | 0.49   | cps   |
| Molybdenum | 96-1  | 10044427 | 9985004  | 10060134 | 10029855 | 0.40   | cps   |
| Molybdenum | 97-1  | 5711237  | 5692071  | 5700836  | 5701382  | 0.17   | cps   |
| Molybdenum | 98-1  | 14765652 | 14540445 | 14577269 | 14627789 | 0.83   | cps   |
| Neodymium  | 150-1 | 253      | 213      | 273      | 247      | 12.39  | cps   |
| Neodymium  | 150-2 | 13       | 7        | 3        | 8        | 65.47  | cps   |
| Nickel     | 60-2  | 218351   | 217504   | 217866   | 217907   | 0.19   | cps   |
| Phosphorus | 31-2  | 3392     | 2950     | 3151     | 3164     | 6.99   | cps   |
| Potassium  | 39-2  | 1550108  | 1567174  | 1559411  | 1558897  | 0.55   | cps   |
| Rhodium    | 103-1 | 8159645  | 7604828  | 7991924  | 7918799  | 3.59   | cps   |
| Rhodium    | 103-2 | 2117700  | 2121041  | 2078958  | 2105900  | 1.11   | cps   |
| Scandium   | 45-1  | 4947095  | 4752428  | 4913005  | 4870843  | 2.13   | cps   |
| Scandium   | 45-2  | 34630    | 35548    | 34359    | 34846    | 1.79   | cps   |
| Selenium   | 77-2  | 260      | 220      | 203      | 228      | 12.79  | cps   |
| Selenium   | 78-2  | 967      | 907      | 987      | 954      | 4.34   | cps   |
| Selenium   | 82-1  | 54015    | 53877    | 54047    | 53980    | 0.17   | cps   |
| Silicon    | 28-1  | 1924558  | 1950019  | 1949022  | 1941199  | 0.74   | cps   |
| Silver     | 109-1 | 4292164  | 4262693  | 4255404  | 4270087  | 0.46   | cps   |
| Silver     | 107-1 | 4515711  | 4489768  | 4505116  | 4503532  | 0.29   | cps   |
| Sodium     | 23-2  | 13970381 | 13838888 | 13909778 | 13906349 | 0.47   | cps   |
| Strontium  | 86-1  | 1106621  | 1107795  | 1097198  | 1103871  | 0.53   | cps   |
| Strontium  | 88-1  | 9759206  | 9747394  | 9622779  | 9709793  | 0.78   | cps   |
| Sulfur     | 34-1  | 582137   | 587366   | 584588   | 584697   | 0.45   | cps   |
| Terbium    | 159-1 | 12919814 | 12211019 | 12874861 | 12668565 | 3.13   | cps   |
| Terbium    | 159-2 | 2399743  | 2402459  | 2369513  | 2390572  | 0.77   | cps   |
| Thallium   | 203-1 | 3979064  | 3956181  | 3956666  | 3963970  | 0.33   | cps   |
| Thallium   | 205-1 | 9379421  | 9323377  | 9341280  | 9348026  | 0.31   | cps   |
| Tin        | 118-1 | 3086905  | 3075173  | 3055039  | 3072372  | 0.52   | cps   |
| Titanium   | 47-1  | 2277623  | 2251745  | 2252423  | 2260597  | 0.65   | cps   |
| Uranium    | 238-1 | 13321760 | 13065982 | 13252311 | 13213351 | 1.00   | cps   |
| Vanadium   | 51-2  | 253218   | 253583   | 252081   | 252961   | 0.31   | cps   |
| Yttrium    | 89-1  | 9261003  | 8760561  | 9064931  | 9028832  | 2.79   | cps   |
| Yttrium    | 89-2  | 253613   | 256323   | 253129   | 254355   | 0.68   | cps   |
| Zinc       | 66-2  | 108040   | 108631   | 108882   | 108518   | 0.40   | cps   |

|                         |                     |                   |                      |
|-------------------------|---------------------|-------------------|----------------------|
| LB Number :             | LB97237             | Operator :        | Jaswal               |
| Lab Sample ID :         | CCV95               | Instrumnet Name : | P8                   |
| Client Sample ID :      | CCV95               | Dilution Factor : | 1                    |
| Date & Time Acquired :: | 2018-08-10 16:30:48 | DataFile Name :   | 077CCV_P8081018-MS.I |

| Parameter | Mass | CPS1    | CPS2    | CPS3    | CPSMean | CPSRSD | Units |
|-----------|------|---------|---------|---------|---------|--------|-------|
| Zirconium | 90-1 | 6174821 | 6123715 | 6145310 | 6147948 | 0.42   | cps   |
| Zirconium | 91-1 | 1352434 | 1369596 | 1373389 | 1365140 | 0.82   | cps   |

|                         |                     |                   |                     |
|-------------------------|---------------------|-------------------|---------------------|
| LB Number :             | LB97237             | Operator :        | Jaswal              |
| Lab Sample ID :         | CCB95               | Instrumnet Name : | P8                  |
| Client Sample ID :      | CCB95               | Dilution Factor : | 1                   |
| Date & Time Acquired :: | 2018-08-10 16:33:58 | DataFile Name :   | 078CCBE_P8081018-M5 |

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|------------|-------|----------|----------|----------|----------|--------|-------|
| Aluminium  | 27-2  | 5        | 5        | 10       | 7        | 43.30  | cps   |
| Antimony   | 121-1 | 10171    | 9912     | 8895     | 9659     | 6.98   | cps   |
| Arsenic    | 75-2  | 9        | 6        | 4        | 6        | 45.85  | cps   |
| Barium     | 135-1 | 158      | 108      | 92       | 119      | 29.05  | cps   |
| Barium     | 137-1 | 167      | 158      | 100      | 142      | 25.64  | cps   |
| Beryllium  | 9-1   | 339      | 389      | 261      | 330      | 19.53  | cps   |
| Bismuth    | 209-1 | 8503363  | 8652809  | 8518953  | 8558375  | 0.96   | cps   |
| Bismuth    | 209-2 | 2095482  | 2110103  | 2109149  | 2104911  | 0.39   | cps   |
| Boron      | 10-1  | 2325     | 2300     | 1834     | 2153     | 12.87  | cps   |
| Boron      | 11-1  | 12106    | 11055    | 9954     | 11038    | 9.75   | cps   |
| Cadmium    | 111-1 | 1414     | 1491     | 1351     | 1419     | 4.95   | cps   |
| Cadmium    | 106-1 | 1909     | 2034     | 1842     | 1928     | 5.05   | cps   |
| Cadmium    | 108-1 | 8        | 4        | 13       | 8        | 49.98  | cps   |
| Calcium    | 43-1  | 525      | 450      | 517      | 497      | 8.27   | cps   |
| Calcium    | 44-1  | 15126    | 14358    | 14416    | 14633    | 2.92   | cps   |
| Chromium   | 52-2  | 373      | 387      | 323      | 361      | 9.25   | cps   |
| Cobalt     | 59-2  | 53       | 33       | 30       | 39       | 32.45  | cps   |
| Copper     | 63-2  | 730      | 717      | 637      | 694      | 7.27   | cps   |
| Dysprosium | 156-1 | 8        | 8        | 8        | 8        | 0.00   | cps   |
| Dysprosium | 156-2 | 3        | 0        | 0        | 1        | 173.21 | cps   |
| Erbium     | 164-1 | 42       | 67       | 8        | 39       | 75.26  | cps   |
| Erbium     | 164-2 | 17       | 10       | 10       | 12       | 31.50  | cps   |
| Gadolinium | 160-1 | 42       | 83       | 83       | 69       | 34.64  | cps   |
| Gadolinium | 160-2 | 3        | 27       | 0        | 10       | 145.32 | cps   |
| Holmium    | 165-1 | 12574491 | 12706446 | 12405759 | 12562232 | 1.20   | cps   |
| Holmium    | 165-2 | 2521407  | 2554791  | 2483434  | 2519877  | 1.42   | cps   |
| Indium     | 115-1 | 9217890  | 9417664  | 9257051  | 9297535  | 1.14   | cps   |
| Indium     | 115-2 | 349496   | 353647   | 352779   | 351974   | 0.62   | cps   |
| Iron       | 56-2  | 2445     | 2228     | 2211     | 2295     | 5.67   | cps   |
| Iron       | 57-2  | 83       | 28       | 56       | 56       | 50.00  | cps   |
| Krypton    | 83-1  | 333      | 287      | 310      | 310      | 7.53   | cps   |
| Lead       | 206-1 | 522      | 394      | 383      | 433      | 17.81  | cps   |
| Lead       | 207-1 | 350      | 394      | 428      | 391      | 9.99   | cps   |
| Lead       | 208-1 | 1778     | 1800     | 1922     | 1833     | 4.24   | cps   |
| Lithium    | 6-1   | 1540970  | 1568723  | 1541717  | 1550470  | 1.02   | cps   |
| Magnesium  | 24-2  | 275      | 400      | 492      | 389      | 27.97  | cps   |

|                         |                     |                   |                     |
|-------------------------|---------------------|-------------------|---------------------|
| LB Number :             | LB97237             | Operator :        | Jaswal              |
| Lab Sample ID :         | CCB95               | Instrumnet Name : | P8                  |
| Client Sample ID :      | CCB95               | Dilution Factor : | 1                   |
| Date & Time Acquired :: | 2018-08-10 16:33:58 | DataFile Name :   | 078CCBE_P8081018-M5 |

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|------------|-------|----------|----------|----------|----------|--------|-------|
| Manganese  | 55-2  | 83       | 63       | 67       | 71       | 15.07  | cps   |
| Molybdenum | 94-1  | 3301     | 3351     | 2900     | 3184     | 7.75   | cps   |
| Molybdenum | 95-1  | 4118     | 3184     | 3242     | 3515     | 14.88  | cps   |
| Molybdenum | 96-1  | 4551     | 3959     | 3542     | 4017     | 12.62  | cps   |
| Molybdenum | 97-1  | 2659     | 2142     | 1992     | 2264     | 15.45  | cps   |
| Molybdenum | 98-1  | 6285     | 5802     | 5110     | 5732     | 10.31  | cps   |
| Neodymium  | 150-1 | 0        | 13       | 7        | 7        | 99.98  | cps   |
| Neodymium  | 150-2 | 0        | 0        | 0        | 0        | 0.00   | cps   |
| Nickel     | 60-2  | 260      | 253      | 243      | 252      | 3.33   | cps   |
| Phosphorus | 31-2  | 0        | 0        | 0        | 0        | 0.00   | cps   |
| Potassium  | 39-2  | 2167     | 1734     | 1884     | 1928     | 11.42  | cps   |
| Rhodium    | 103-1 | 8603080  | 8550183  | 8564226  | 8572496  | 0.32   | cps   |
| Rhodium    | 103-2 | 2222098  | 2258751  | 2268223  | 2249691  | 1.08   | cps   |
| Scandium   | 45-1  | 4985376  | 5039229  | 4962675  | 4995760  | 0.79   | cps   |
| Scandium   | 45-2  | 35010    | 34850    | 34332    | 34731    | 1.02   | cps   |
| Selenium   | 77-2  | 0        | 0        | 0        | 0        | 0.00   | cps   |
| Selenium   | 78-2  | 2        | 2        | 2        | 2        | 0.00   | cps   |
| Selenium   | 82-1  | 4        | 66       | 23       | 31       | 102.99 | cps   |
| Silicon    | 28-1  | 289152   | 289953   | 285597   | 288234   | 0.80   | cps   |
| Silver     | 109-1 | 467      | 508      | 425      | 467      | 8.93   | cps   |
| Silver     | 107-1 | 542      | 600      | 450      | 531      | 14.25  | cps   |
| Sodium     | 23-2  | 5868     | 5518     | 5526     | 5637     | 3.54   | cps   |
| Strontium  | 86-1  | 483      | 475      | 492      | 483      | 1.72   | cps   |
| Strontium  | 88-1  | 442      | 225      | 275      | 314      | 36.14  | cps   |
| Sulfur     | 34-1  | 323501   | 319583   | 321549   | 321544   | 0.61   | cps   |
| Terbium    | 159-1 | 12878955 | 13060224 | 12879489 | 12939556 | 0.81   | cps   |
| Terbium    | 159-2 | 2390458  | 2411748  | 2394258  | 2398821  | 0.47   | cps   |
| Thallium   | 203-1 | 1308     | 1175     | 967      | 1150     | 14.97  | cps   |
| Thallium   | 205-1 | 2875     | 2851     | 2534     | 2753     | 6.92   | cps   |
| Tin        | 118-1 | 4334     | 4368     | 3567     | 4090     | 11.07  | cps   |
| Titanium   | 47-1  | 200      | 217      | 200      | 206      | 4.68   | cps   |
| Uranium    | 238-1 | 550      | 525      | 358      | 478      | 21.81  | cps   |
| Vanadium   | 51-2  | 13       | 13       | 10       | 12       | 15.73  | cps   |
| Yttrium    | 89-1  | 9134961  | 9278332  | 9245447  | 9219580  | 0.81   | cps   |
| Yttrium    | 89-2  | 254107   | 255928   | 256267   | 255434   | 0.45   | cps   |
| Zinc       | 66-2  | 163      | 113      | 147      | 141      | 18.04  | cps   |



|                         |                     |                   |                     |
|-------------------------|---------------------|-------------------|---------------------|
| LB Number :             | LB97237             | Operator :        | Jaswal              |
| Lab Sample ID :         | CCB95               | Instrumnet Name : | P8                  |
| Client Sample ID :      | CCB95               | Dilution Factor : | 1                   |
| Date & Time Acquired :: | 2018-08-10 16:33:58 | DataFile Name :   | 078CCBE_P8081018-MS |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|-----------|------|------|------|------|---------|--------|-------|
| Zirconium | 90-1 | 3234 | 3326 | 3059 | 3206    | 4.23   | cps   |
| Zirconium | 91-1 | 625  | 675  | 733  | 678     | 8.00   | cps   |

|                         |                       |                   |                     |
|-------------------------|-----------------------|-------------------|---------------------|
| LB Number :             | LB97237               | Operator :        | Jaswal              |
| Lab Sample ID :         | J4354-11              | Instrumnet Name : | P8                  |
| Client Sample ID :      | 67-11-FL3-ADMIN-OFF-E | Dilution Factor : | 1                   |
| Date & Time Acquired :: | 2018-08-10 16:37:19   | DataFile Name :   | 079SMPL_P8081018-MS |

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|------------|-------|----------|----------|----------|----------|--------|-------|
| Aluminium  | 27-2  | 115      | 120      | 128      | 121      | 5.21   | cps   |
| Antimony   | 121-1 | 6519     | 6544     | 7344     | 6802     | 6.90   | cps   |
| Arsenic    | 75-2  | 26       | 19       | 22       | 22       | 16.67  | cps   |
| Barium     | 135-1 | 61602    | 61302    | 62189    | 61697    | 0.73   | cps   |
| Barium     | 137-1 | 109525   | 108619   | 109106   | 109083   | 0.42   | cps   |
| Beryllium  | 9-1   | 222      | 211      | 183      | 206      | 9.74   | cps   |
| Bismuth    | 209-1 | 9237679  | 9355968  | 9454733  | 9349460  | 1.16   | cps   |
| Bismuth    | 209-2 | 2295455  | 2229811  | 2262412  | 2262560  | 1.45   | cps   |
| Boron      | 10-1  | 2142     | 2234     | 1959     | 2111     | 6.63   | cps   |
| Boron      | 11-1  | 10029    | 9795     | 9237     | 9687     | 4.20   | cps   |
| Cadmium    | 111-1 | 4699     | 4536     | 4708     | 4648     | 2.08   | cps   |
| Cadmium    | 106-1 | 2875     | 2550     | 2434     | 2620     | 8.74   | cps   |
| Cadmium    | 108-1 | 217      | 238      | 221      | 225      | 4.90   | cps   |
| Calcium    | 43-1  | 178571   | 175671   | 176841   | 177028   | 0.82   | cps   |
| Calcium    | 44-1  | 2996675  | 2993010  | 2906040  | 2965242  | 1.73   | cps   |
| Chromium   | 52-2  | 380      | 377      | 307      | 354      | 11.68  | cps   |
| Cobalt     | 59-2  | 210      | 197      | 200      | 202      | 3.43   | cps   |
| Copper     | 63-2  | 648012   | 649592   | 645158   | 647587   | 0.35   | cps   |
| Dysprosium | 156-1 | 17       | 17       | 58       | 31       | 78.72  | cps   |
| Dysprosium | 156-2 | 0        | 7        | 7        | 4        | 86.60  | cps   |
| Erbium     | 164-1 | 67       | 50       | 67       | 61       | 15.75  | cps   |
| Erbium     | 164-2 | 13       | 10       | 3        | 9        | 57.30  | cps   |
| Gadolinium | 160-1 | 117      | 58       | 67       | 81       | 39.16  | cps   |
| Gadolinium | 160-2 | 7        | 17       | 7        | 10       | 57.72  | cps   |
| Holmium    | 165-1 | 13470774 | 13868894 | 14054245 | 13797971 | 2.16   | cps   |
| Holmium    | 165-2 | 2724138  | 2633773  | 2703929  | 2687280  | 1.76   | cps   |
| Indium     | 115-1 | 9980314  | 10175115 | 10296068 | 10150499 | 1.57   | cps   |
| Indium     | 115-2 | 375273   | 370821   | 367953   | 371349   | 0.99   | cps   |
| Iron       | 56-2  | 104287   | 104287   | 104556   | 104377   | 0.15   | cps   |
| Iron       | 57-2  | 2634     | 2667     | 2406     | 2569     | 5.53   | cps   |
| Krypton    | 83-1  | 310      | 387      | 280      | 326      | 16.90  | cps   |
| Lead       | 206-1 | 6018     | 5707     | 5568     | 5764     | 4.00   | cps   |
| Lead       | 207-1 | 4884     | 4801     | 4896     | 4860     | 1.06   | cps   |
| Lead       | 208-1 | 22725    | 22492    | 22408    | 22542    | 0.73   | cps   |
| Lithium    | 6-1   | 1643022  | 1669882  | 1671368  | 1661424  | 0.96   | cps   |
| Magnesium  | 24-2  | 51285    | 51662    | 50173    | 51040    | 1.52   | cps   |

LB Number : LB97237 Operator : Jaswal  
 Lab Sample ID : J4354-11 Instrumnet Name : P8  
 Client Sample ID : 67-11-FL3-ADMIN-OFF-E Dilution Factor : 1  
 Date & Time Acquired :: 2018-08-10 16:37:19 DataFile Name : 079SMPL\_P8081018-MS

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|------------|-------|----------|----------|----------|----------|--------|-------|
| Manganese  | 55-2  | 4251     | 4104     | 4067     | 4141     | 2.34   | cps   |
| Molybdenum | 94-1  | 6419     | 5376     | 4451     | 5415     | 18.18  | cps   |
| Molybdenum | 95-1  | 1300     | 1192     | 1000     | 1164     | 13.05  | cps   |
| Molybdenum | 96-1  | 2325     | 2159     | 1959     | 2147     | 8.55   | cps   |
| Molybdenum | 97-1  | 775      | 842      | 717      | 778      | 8.04   | cps   |
| Molybdenum | 98-1  | 2250     | 1967     | 1884     | 2034     | 9.45   | cps   |
| Neodymium  | 150-1 | 13       | 13       | 47       | 24       | 78.75  | cps   |
| Neodymium  | 150-2 | 0        | 0        | 0        | 0        | 0.00   | cps   |
| Nickel     | 60-2  | 15339    | 15442    | 15302    | 15361    | 0.47   | cps   |
| Phosphorus | 31-2  | 50       | 58       | 58       | 56       | 8.67   | cps   |
| Potassium  | 39-2  | 8970     | 9278     | 8703     | 8984     | 3.21   | cps   |
| Rhodium    | 103-1 | 9105945  | 9334124  | 9383477  | 9274516  | 1.60   | cps   |
| Rhodium    | 103-2 | 2421571  | 2384916  | 2379781  | 2395423  | 0.95   | cps   |
| Scandium   | 45-1  | 5394422  | 5417589  | 5500765  | 5437592  | 1.03   | cps   |
| Scandium   | 45-2  | 36735    | 35742    | 36598    | 36358    | 1.48   | cps   |
| Selenium   | 77-2  | 0        | 0        | 0        | 0        | 0.00   | cps   |
| Selenium   | 78-2  | 0        | 0        | 0        | 0        | 0.00   | cps   |
| Selenium   | 82-1  | 46       | -43      | 16       | 6        | 740.48 | cps   |
| Silicon    | 28-1  | 4503890  | 4466556  | 4401714  | 4457387  | 1.16   | cps   |
| Silver     | 109-1 | 1092     | 1192     | 1208     | 1164     | 5.42   | cps   |
| Silver     | 107-1 | 1667     | 1217     | 1242     | 1375     | 18.39  | cps   |
| Sodium     | 23-2  | 637397   | 635986   | 633156   | 635513   | 0.34   | cps   |
| Strontium  | 86-1  | 76196    | 76515    | 76422    | 76378    | 0.21   | cps   |
| Strontium  | 88-1  | 658291   | 656748   | 655052   | 656697   | 0.25   | cps   |
| Sulfur     | 34-1  | 368026   | 367147   | 362791   | 365988   | 0.77   | cps   |
| Terbium    | 159-1 | 13854331 | 14180692 | 14273765 | 14102929 | 1.56   | cps   |
| Terbium    | 159-2 | 2570950  | 2532309  | 2517574  | 2540278  | 1.09   | cps   |
| Thallium   | 203-1 | 1408     | 1242     | 908      | 1186     | 21.46  | cps   |
| Thallium   | 205-1 | 3709     | 3167     | 2809     | 3228     | 14.04  | cps   |
| Tin        | 118-1 | 6877     | 6819     | 7277     | 6991     | 3.57   | cps   |
| Titanium   | 47-1  | 308      | 308      | 250      | 289      | 11.66  | cps   |
| Uranium    | 238-1 | 283      | 233      | 233      | 250      | 11.55  | cps   |
| Vanadium   | 51-2  | 27       | 30       | 20       | 26       | 19.92  | cps   |
| Yttrium    | 89-1  | 9858735  | 10152234 | 10213783 | 10074918 | 1.88   | cps   |
| Yttrium    | 89-2  | 270584   | 267904   | 267161   | 268550   | 0.67   | cps   |
| Zinc       | 66-2  | 84649    | 84073    | 84837    | 84520    | 0.47   | cps   |

|                         |                       |                   |                     |
|-------------------------|-----------------------|-------------------|---------------------|
| LB Number :             | LB97237               | Operator :        | Jaswal              |
| Lab Sample ID :         | J4354-11              | Instrumnet Name : | P8                  |
| Client Sample ID :      | 67-11-FL3-ADMIN-OFF-E | Dilution Factor : | 1                   |
| Date & Time Acquired :: | 2018-08-10 16:37:19   | DataFile Name :   | 079SMPL_P8081018-MS |

| Parameter | Mass | CPS1  | CPS2  | CPS3  | CPSMean | CPSRSD | Units |
|-----------|------|-------|-------|-------|---------|--------|-------|
| Zirconium | 90-1 | 15234 | 12181 | 10871 | 12762   | 17.54  | cps   |
| Zirconium | 91-1 | 3384  | 2742  | 2259  | 2795    | 20.20  | cps   |

|                         |                      |                   |                     |
|-------------------------|----------------------|-------------------|---------------------|
| LB Number :             | LB97237              | Operator :        | Jaswal              |
| Lab Sample ID :         | J4354-12             | Instrumnet Name : | P8                  |
| Client Sample ID :      | 67-12-FL3-HALL-N-WC1 | Dilution Factor : | 1                   |
| Date & Time Acquired :: | 2018-08-10 16:40:39  | DataFile Name :   | 080SMPL_P8081018-MS |

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|------------|-------|----------|----------|----------|----------|--------|-------|
| Aluminium  | 27-2  | 85       | 90       | 125      | 100      | 21.80  | cps   |
| Antimony   | 121-1 | 4359     | 4393     | 4676     | 4476     | 3.89   | cps   |
| Arsenic    | 75-2  | 52       | 37       | 56       | 48       | 20.35  | cps   |
| Barium     | 135-1 | 31572    | 33025    | 32858    | 32485    | 2.45   | cps   |
| Barium     | 137-1 | 57418    | 57836    | 57811    | 57688    | 0.41   | cps   |
| Beryllium  | 9-1   | 172      | 200      | 194      | 189      | 7.78   | cps   |
| Bismuth    | 209-1 | 9476625  | 9519128  | 9517217  | 9504323  | 0.25   | cps   |
| Bismuth    | 209-2 | 2287249  | 2230936  | 2253663  | 2257283  | 1.26   | cps   |
| Boron      | 10-1  | 1592     | 1567     | 1483     | 1547     | 3.67   | cps   |
| Boron      | 11-1  | 7085     | 7419     | 7044     | 7183     | 2.86   | cps   |
| Cadmium    | 111-1 | 1578     | 1679     | 1583     | 1613     | 3.54   | cps   |
| Cadmium    | 106-1 | 2067     | 2284     | 2142     | 2164     | 5.09   | cps   |
| Cadmium    | 108-1 | 33       | 46       | 42       | 40       | 15.80  | cps   |
| Calcium    | 43-1  | 133909   | 134068   | 134143   | 134040   | 0.09   | cps   |
| Calcium    | 44-1  | 2299552  | 2289159  | 2244109  | 2277607  | 1.29   | cps   |
| Chromium   | 52-2  | 800      | 797      | 707      | 768      | 6.90   | cps   |
| Cobalt     | 59-2  | 63       | 70       | 73       | 69       | 7.40   | cps   |
| Copper     | 63-2  | 18296    | 18226    | 18439    | 18320    | 0.59   | cps   |
| Dysprosium | 156-1 | 50       | 17       | 42       | 36       | 48.03  | cps   |
| Dysprosium | 156-2 | 3        | 3        | 3        | 3        | 0.00   | cps   |
| Erbium     | 164-1 | 50       | 50       | 75       | 58       | 24.74  | cps   |
| Erbium     | 164-2 | 10       | 10       | 13       | 11       | 17.30  | cps   |
| Gadolinium | 160-1 | 117      | 100      | 58       | 92       | 32.77  | cps   |
| Gadolinium | 160-2 | 0        | 7        | 10       | 6        | 91.64  | cps   |
| Holmium    | 165-1 | 13813872 | 13966360 | 13683328 | 13821187 | 1.02   | cps   |
| Holmium    | 165-2 | 2661051  | 2616327  | 2617999  | 2631792  | 0.96   | cps   |
| Indium     | 115-1 | 10180028 | 10190039 | 10133953 | 10168007 | 0.29   | cps   |
| Indium     | 115-2 | 365686   | 358954   | 361037   | 361892   | 0.95   | cps   |
| Iron       | 56-2  | 7202     | 7058     | 6813     | 7024     | 2.80   | cps   |
| Iron       | 57-2  | 183      | 178      | 256      | 206      | 21.11  | cps   |
| Krypton    | 83-1  | 353      | 277      | 290      | 307      | 13.36  | cps   |
| Lead       | 206-1 | 1533     | 1817     | 1872     | 1741     | 10.44  | cps   |
| Lead       | 207-1 | 1456     | 1422     | 1467     | 1448     | 1.60   | cps   |
| Lead       | 208-1 | 6406     | 6645     | 6862     | 6638     | 3.43   | cps   |
| Lithium    | 6-1   | 1666493  | 1677877  | 1680117  | 1674829  | 0.44   | cps   |
| Magnesium  | 24-2  | 43074    | 43668    | 41553    | 42765    | 2.55   | cps   |

|                         |                      |                   |                     |
|-------------------------|----------------------|-------------------|---------------------|
| LB Number :             | LB97237              | Operator :        | Jaswal              |
| Lab Sample ID :         | J4354-12             | Instrumnet Name : | P8                  |
| Client Sample ID :      | 67-12-FL3-HALL-N-WC1 | Dilution Factor : | 1                   |
| Date & Time Acquired :: | 2018-08-10 16:40:39  | DataFile Name :   | 080SMPL_P8081018-MS |

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|------------|-------|----------|----------|----------|----------|--------|-------|
| Manganese  | 55-2  | 2064     | 1910     | 1937     | 1970     | 4.16   | cps   |
| Molybdenum | 94-1  | 1984     | 1892     | 1600     | 1825     | 10.97  | cps   |
| Molybdenum | 95-1  | 658      | 608      | 525      | 597      | 11.28  | cps   |
| Molybdenum | 96-1  | 750      | 1033     | 892      | 892      | 15.89  | cps   |
| Molybdenum | 97-1  | 458      | 500      | 433      | 464      | 7.26   | cps   |
| Molybdenum | 98-1  | 925      | 825      | 1117     | 956      | 15.51  | cps   |
| Neodymium  | 150-1 | 20       | 13       | 27       | 20       | 33.35  | cps   |
| Neodymium  | 150-2 | 0        | 3        | 0        | 1        | 173.21 | cps   |
| Nickel     | 60-2  | 2114     | 1893     | 1984     | 1997     | 5.54   | cps   |
| Phosphorus | 31-2  | 483      | 508      | 392      | 461      | 13.32  | cps   |
| Potassium  | 39-2  | 10888    | 10746    | 10855    | 10830    | 0.68   | cps   |
| Rhodium    | 103-1 | 9299514  | 9275516  | 9265078  | 9280036  | 0.19   | cps   |
| Rhodium    | 103-2 | 2404357  | 2345468  | 2352517  | 2367448  | 1.36   | cps   |
| Scandium   | 45-1  | 5410443  | 5404939  | 5319705  | 5378362  | 0.95   | cps   |
| Scandium   | 45-2  | 35318    | 35161    | 34930    | 35136    | 0.56   | cps   |
| Selenium   | 77-2  | 0        | 3        | 0        | 1        | 173.21 | cps   |
| Selenium   | 78-2  | 0        | 0        | 0        | 0        | 0.00   | cps   |
| Selenium   | 82-1  | -1       | 23       | 45       | 22       | 104.12 | cps   |
| Silicon    | 28-1  | 7811392  | 7824729  | 7829604  | 7821908  | 0.12   | cps   |
| Silver     | 109-1 | 533      | 658      | 525      | 572      | 13.05  | cps   |
| Silver     | 107-1 | 675      | 742      | 667      | 694      | 5.92   | cps   |
| Sodium     | 23-2  | 684639   | 676783   | 666409   | 675943   | 1.35   | cps   |
| Strontium  | 86-1  | 64469    | 61657    | 61724    | 62617    | 2.56   | cps   |
| Strontium  | 88-1  | 556774   | 547236   | 544969   | 549659   | 1.14   | cps   |
| Sulfur     | 34-1  | 353975   | 349737   | 343672   | 349128   | 1.48   | cps   |
| Terbium    | 159-1 | 14088989 | 14320108 | 14118677 | 14175925 | 0.89   | cps   |
| Terbium    | 159-2 | 2532288  | 2498523  | 2484046  | 2504952  | 0.99   | cps   |
| Thallium   | 203-1 | 558      | 508      | 592      | 553      | 7.59   | cps   |
| Thallium   | 205-1 | 1133     | 1275     | 1400     | 1270     | 10.51  | cps   |
| Tin        | 118-1 | 4576     | 4743     | 4409     | 4576     | 3.64   | cps   |
| Titanium   | 47-1  | 767      | 725      | 692      | 728      | 5.16   | cps   |
| Uranium    | 238-1 | 125      | 158      | 108      | 131      | 19.50  | cps   |
| Vanadium   | 51-2  | 40       | 53       | 80       | 58       | 35.25  | cps   |
| Yttrium    | 89-1  | 10108913 | 9980692  | 10036017 | 10041874 | 0.64   | cps   |
| Yttrium    | 89-2  | 262560   | 260775   | 258152   | 260496   | 0.85   | cps   |
| Zinc       | 66-2  | 31783    | 32458    | 31713    | 31985    | 1.29   | cps   |

|                         |                      |                   |                     |
|-------------------------|----------------------|-------------------|---------------------|
| LB Number :             | LB97237              | Operator :        | Jaswal              |
| Lab Sample ID :         | J4354-12             | Instrumnet Name : | P8                  |
| Client Sample ID :      | 67-12-FL3-HALL-N-WC1 | Dilution Factor : | 1                   |
| Date & Time Acquired :: | 2018-08-10 16:40:39  | DataFile Name :   | 080SMPL_P8081018-MS |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|-----------|------|------|------|------|---------|--------|-------|
| Zirconium | 90-1 | 4501 | 4017 | 3834 | 4117    | 8.37   | cps   |
| Zirconium | 91-1 | 967  | 817  | 875  | 886     | 8.53   | cps   |

LB Number : LB97237 Operator : Jaswal  
 Lab Sample ID : J4354-13 Instrumnet Name : P8  
 Client Sample ID : 67-13-FL3-HALL-S-FTN1 Dilution Factor : 1  
 Date & Time Acquired :: 2018-08-10 16:43:59 DataFile Name : 081SMPL\_P8081018-MS

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|------------|-------|----------|----------|----------|----------|--------|-------|
| Aluminium  | 27-2  | 65       | 78       | 65       | 69       | 10.43  | cps   |
| Antimony   | 121-1 | 11255    | 10746    | 10772    | 10924    | 2.63   | cps   |
| Arsenic    | 75-2  | 98       | 76       | 98       | 91       | 14.14  | cps   |
| Barium     | 135-1 | 74929    | 74376    | 73941    | 74415    | 0.67   | cps   |
| Barium     | 137-1 | 130707   | 129908   | 130456   | 130357   | 0.31   | cps   |
| Beryllium  | 9-1   | 261      | 172      | 194      | 209      | 22.11  | cps   |
| Bismuth    | 209-1 | 9238754  | 9288176  | 9287799  | 9271576  | 0.31   | cps   |
| Bismuth    | 209-2 | 2211331  | 2233681  | 2175197  | 2206736  | 1.34   | cps   |
| Boron      | 10-1  | 2867     | 3276     | 3059     | 3067     | 6.66   | cps   |
| Boron      | 11-1  | 14341    | 14883    | 15100    | 14775    | 2.65   | cps   |
| Cadmium    | 111-1 | 3346     | 2947     | 3207     | 3166     | 6.41   | cps   |
| Cadmium    | 106-1 | 2667     | 2300     | 2509     | 2492     | 7.38   | cps   |
| Cadmium    | 108-1 | 375      | 246      | 404      | 342      | 24.66  | cps   |
| Calcium    | 43-1  | 205383   | 204685   | 204584   | 204884   | 0.21   | cps   |
| Calcium    | 44-1  | 3476503  | 3402751  | 3404592  | 3427949  | 1.23   | cps   |
| Chromium   | 52-2  | 407      | 433      | 370      | 403      | 7.88   | cps   |
| Cobalt     | 59-2  | 1003     | 1070     | 1057     | 1043     | 3.38   | cps   |
| Copper     | 63-2  | 2926106  | 2899492  | 2895404  | 2907001  | 0.57   | cps   |
| Dysprosium | 156-1 | 25       | 8        | 50       | 28       | 75.51  | cps   |
| Dysprosium | 156-2 | 0        | 10       | 0        | 3        | 173.21 | cps   |
| Erbium     | 164-1 | 33       | 92       | 42       | 56       | 56.79  | cps   |
| Erbium     | 164-2 | 13       | 3        | 27       | 14       | 81.07  | cps   |
| Gadolinium | 160-1 | 117      | 125      | 108      | 117      | 7.14   | cps   |
| Gadolinium | 160-2 | 3        | 10       | 17       | 10       | 66.70  | cps   |
| Holmium    | 165-1 | 13776365 | 13752383 | 13613131 | 13713959 | 0.64   | cps   |
| Holmium    | 165-2 | 2622314  | 2635609  | 2591846  | 2616590  | 0.86   | cps   |
| Indium     | 115-1 | 9947072  | 9996317  | 9944914  | 9962767  | 0.29   | cps   |
| Indium     | 115-2 | 355197   | 357490   | 351329   | 354672   | 0.88   | cps   |
| Iron       | 56-2  | 24522    | 24539    | 23927    | 24329    | 1.43   | cps   |
| Iron       | 57-2  | 717      | 533      | 606      | 619      | 14.93  | cps   |
| Krypton    | 83-1  | 357      | 350      | 327      | 344      | 4.57   | cps   |
| Lead       | 206-1 | 143277   | 142057   | 141879   | 142404   | 0.53   | cps   |
| Lead       | 207-1 | 120663   | 121078   | 120489   | 120743   | 0.25   | cps   |
| Lead       | 208-1 | 562881   | 563234   | 563779   | 563298   | 0.08   | cps   |
| Lithium    | 6-1   | 1643590  | 1683519  | 1644088  | 1657065  | 1.38   | cps   |
| Magnesium  | 24-2  | 56990    | 55610    | 56915    | 56505    | 1.37   | cps   |



|                         |                       |                   |                     |
|-------------------------|-----------------------|-------------------|---------------------|
| LB Number :             | LB97237               | Operator :        | Jaswal              |
| Lab Sample ID :         | J4354-13              | Instrumnet Name : | P8                  |
| Client Sample ID :      | 67-13-FL3-HALL-S-FTN1 | Dilution Factor : | 1                   |
| Date & Time Acquired :: | 2018-08-10 16:43:59   | DataFile Name :   | 081SMPL_P8081018-MS |

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD   | Units |
|------------|-------|----------|----------|----------|----------|----------|-------|
| Manganese  | 55-2  | 84547    | 85258    | 84313    | 84706    | 0.58     | cps   |
| Molybdenum | 94-1  | 1542     | 1350     | 1517     | 1470     | 7.09     | cps   |
| Molybdenum | 95-1  | 650      | 658      | 725      | 678      | 6.06     | cps   |
| Molybdenum | 96-1  | 983      | 1033     | 958      | 992      | 3.85     | cps   |
| Molybdenum | 97-1  | 475      | 375      | 450      | 433      | 12.01    | cps   |
| Molybdenum | 98-1  | 1050     | 1317     | 1158     | 1175     | 11.41    | cps   |
| Neodymium  | 150-1 | 13       | 53       | 33       | 33       | 60.02    | cps   |
| Neodymium  | 150-2 | 3        | 7        | 7        | 6        | 34.70    | cps   |
| Nickel     | 60-2  | 22118    | 22208    | 22819    | 22382    | 1.70     | cps   |
| Phosphorus | 31-2  | 442      | 400      | 400      | 414      | 5.81     | cps   |
| Potassium  | 39-2  | 13499    | 13666    | 13423    | 13529    | 0.92     | cps   |
| Rhodium    | 103-1 | 9132881  | 9164986  | 9203747  | 9167205  | 0.39     | cps   |
| Rhodium    | 103-2 | 2312327  | 2340104  | 2287761  | 2313397  | 1.13     | cps   |
| Scandium   | 45-1  | 5185860  | 5248977  | 5194870  | 5209902  | 0.66     | cps   |
| Scandium   | 45-2  | 33808    | 34352    | 34085    | 34082    | 0.80     | cps   |
| Selenium   | 77-2  | 0        | 0        | 0        | 0        | 0.00     | cps   |
| Selenium   | 78-2  | 0        | 0        | 0        | 0        | 0.00     | cps   |
| Selenium   | 82-1  | 20       | -54      | 23       | -4       | -1167.78 | cps   |
| Silicon    | 28-1  | 18036778 | 17882981 | 17724519 | 17881426 | 0.87     | cps   |
| Silver     | 109-1 | 1267     | 1392     | 1317     | 1325     | 4.75     | cps   |
| Silver     | 107-1 | 1367     | 1283     | 1283     | 1311     | 3.67     | cps   |
| Sodium     | 23-2  | 655589   | 649484   | 648895   | 651323   | 0.57     | cps   |
| Strontium  | 86-1  | 93905    | 94040    | 93269    | 93738    | 0.44     | cps   |
| Strontium  | 88-1  | 821418   | 814246   | 809191   | 814952   | 0.75     | cps   |
| Sulfur     | 34-1  | 365518   | 361947   | 361205   | 362890   | 0.64     | cps   |
| Terbium    | 159-1 | 13979047 | 14027518 | 13921211 | 13975925 | 0.38     | cps   |
| Terbium    | 159-2 | 2465415  | 2502410  | 2495251  | 2487692  | 0.79     | cps   |
| Thallium   | 203-1 | 575      | 558      | 542      | 558      | 2.98     | cps   |
| Thallium   | 205-1 | 1300     | 1550     | 1350     | 1400     | 9.45     | cps   |
| Tin        | 118-1 | 3842     | 3609     | 4059     | 3837     | 5.87     | cps   |
| Titanium   | 47-1  | 767      | 908      | 900      | 858      | 9.26     | cps   |
| Uranium    | 238-1 | 200      | 200      | 192      | 197      | 2.44     | cps   |
| Vanadium   | 51-2  | 57       | 70       | 60       | 62       | 11.15    | cps   |
| Yttrium    | 89-1  | 9893102  | 9861165  | 9805269  | 9853179  | 0.45     | cps   |
| Yttrium    | 89-2  | 258570   | 257425   | 254504   | 256833   | 0.82     | cps   |
| Zinc       | 66-2  | 850337   | 845415   | 844333   | 846695   | 0.38     | cps   |

|                         |                       |                   |                     |
|-------------------------|-----------------------|-------------------|---------------------|
| LB Number :             | LB97237               | Operator :        | Jaswal              |
| Lab Sample ID :         | J4354-13              | Instrumnet Name : | P8                  |
| Client Sample ID :      | 67-13-FL3-HALL-S-FTN1 | Dilution Factor : | 1                   |
| Date & Time Acquired :: | 2018-08-10 16:43:59   | DataFile Name :   | 081SMPL_P8081018-MS |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|-----------|------|------|------|------|---------|--------|-------|
| Zirconium | 90-1 | 2959 | 2725 | 3142 | 2942    | 7.10   | cps   |
| Zirconium | 91-1 | 742  | 700  | 658  | 700     | 5.95   | cps   |

|                         |                       |                   |                     |
|-------------------------|-----------------------|-------------------|---------------------|
| LB Number :             | LB97237               | Operator :        | Jaswal              |
| Lab Sample ID :         | J4354-14              | Instrumnet Name : | P8                  |
| Client Sample ID :      | 67-14-FL3-HALL-S-FTN2 | Dilution Factor : | 1                   |
| Date & Time Acquired :: | 2018-08-10 16:47:18   | DataFile Name :   | 082SMPL_P8081018-MS |

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|------------|-------|----------|----------|----------|----------|--------|-------|
| Aluminium  | 27-2  | 113      | 95       | 108      | 105      | 8.58   | cps   |
| Antimony   | 121-1 | 7386     | 7694     | 7878     | 7653     | 3.25   | cps   |
| Arsenic    | 75-2  | 83       | 59       | 46       | 63       | 29.84  | cps   |
| Barium     | 135-1 | 58706    | 58614    | 56957    | 58092    | 1.69   | cps   |
| Barium     | 137-1 | 105964   | 101388   | 100523   | 102625   | 2.85   | cps   |
| Beryllium  | 9-1   | 111      | 172      | 167      | 150      | 22.53  | cps   |
| Bismuth    | 209-1 | 9411121  | 9533367  | 9132005  | 9358831  | 2.20   | cps   |
| Bismuth    | 209-2 | 2243859  | 2218237  | 2143232  | 2201776  | 2.38   | cps   |
| Boron      | 10-1  | 3592     | 3992     | 3576     | 3720     | 6.34   | cps   |
| Boron      | 11-1  | 16994    | 17119    | 18095    | 17403    | 3.46   | cps   |
| Cadmium    | 111-1 | 2038     | 1950     | 2107     | 2032     | 3.87   | cps   |
| Cadmium    | 106-1 | 2342     | 2092     | 2275     | 2236     | 5.79   | cps   |
| Cadmium    | 108-1 | 133      | 92       | 104      | 110      | 19.49  | cps   |
| Calcium    | 43-1  | 194260   | 189106   | 191253   | 191539   | 1.35   | cps   |
| Calcium    | 44-1  | 3237641  | 3221174  | 3225178  | 3227998  | 0.27   | cps   |
| Chromium   | 52-2  | 563      | 547      | 563      | 558      | 1.73   | cps   |
| Cobalt     | 59-2  | 517      | 557      | 550      | 541      | 3.96   | cps   |
| Copper     | 63-2  | 647768   | 648596   | 646152   | 647505   | 0.19   | cps   |
| Dysprosium | 156-1 | 25       | 42       | 42       | 36       | 26.65  | cps   |
| Dysprosium | 156-2 | 3        | 13       | 13       | 10       | 57.75  | cps   |
| Erbium     | 164-1 | 42       | 67       | 58       | 56       | 22.91  | cps   |
| Erbium     | 164-2 | 7        | 13       | 7        | 9        | 43.25  | cps   |
| Gadolinium | 160-1 | 92       | 92       | 83       | 89       | 5.41   | cps   |
| Gadolinium | 160-2 | 27       | 20       | 0        | 16       | 89.22  | cps   |
| Holmium    | 165-1 | 13914054 | 13859301 | 13408886 | 13727414 | 2.02   | cps   |
| Holmium    | 165-2 | 2625209  | 2580496  | 2548313  | 2584673  | 1.49   | cps   |
| Indium     | 115-1 | 10079990 | 10131412 | 9752435  | 9987946  | 2.06   | cps   |
| Indium     | 115-2 | 354232   | 352546   | 350565   | 352448   | 0.52   | cps   |
| Iron       | 56-2  | 14647    | 15109    | 14914    | 14890    | 1.56   | cps   |
| Iron       | 57-2  | 344      | 350      | 333      | 343      | 2.48   | cps   |
| Krypton    | 83-1  | 350      | 397      | 307      | 351      | 12.82  | cps   |
| Lead       | 206-1 | 34364    | 34765    | 34447    | 34525    | 0.61   | cps   |
| Lead       | 207-1 | 28972    | 29479    | 28533    | 28995    | 1.63   | cps   |
| Lead       | 208-1 | 135736   | 136052   | 133816   | 135201   | 0.90   | cps   |
| Lithium    | 6-1   | 1627611  | 1659786  | 1614255  | 1633884  | 1.43   | cps   |
| Magnesium  | 24-2  | 53979    | 54555    | 53585    | 54040    | 0.90   | cps   |

|                         |                       |                   |                     |
|-------------------------|-----------------------|-------------------|---------------------|
| LB Number :             | LB97237               | Operator :        | Jaswal              |
| Lab Sample ID :         | J4354-14              | Instrumnet Name : | P8                  |
| Client Sample ID :      | 67-14-FL3-HALL-S-FTN2 | Dilution Factor : | 1                   |
| Date & Time Acquired :: | 2018-08-10 16:47:18   | DataFile Name :   | 082SMPL_P8081018-MS |

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD  | Units |
|------------|-------|----------|----------|----------|----------|---------|-------|
| Manganese  | 55-2  | 20382    | 20532    | 21063    | 20659    | 1.73    | cps   |
| Molybdenum | 94-1  | 1350     | 1392     | 1300     | 1347     | 3.41    | cps   |
| Molybdenum | 95-1  | 742      | 558      | 675      | 658      | 14.10   | cps   |
| Molybdenum | 96-1  | 1092     | 908      | 775      | 925      | 17.19   | cps   |
| Molybdenum | 97-1  | 392      | 517      | 533      | 481      | 16.11   | cps   |
| Molybdenum | 98-1  | 967      | 1208     | 1150     | 1108     | 11.38   | cps   |
| Neodymium  | 150-1 | 33       | 20       | 20       | 24       | 31.49   | cps   |
| Neodymium  | 150-2 | 3        | 10       | 3        | 6        | 69.34   | cps   |
| Nickel     | 60-2  | 16480    | 17074    | 16770    | 16775    | 1.77    | cps   |
| Phosphorus | 31-2  | 375      | 392      | 342      | 369      | 6.89    | cps   |
| Potassium  | 39-2  | 13916    | 13832    | 13374    | 13707    | 2.13    | cps   |
| Rhodium    | 103-1 | 9132861  | 9205349  | 8916999  | 9085070  | 1.65    | cps   |
| Rhodium    | 103-2 | 2300081  | 2321896  | 2289309  | 2303762  | 0.72    | cps   |
| Scandium   | 45-1  | 5250433  | 5262347  | 5005012  | 5172597  | 2.81    | cps   |
| Scandium   | 45-2  | 33777    | 33941    | 33169    | 33629    | 1.21    | cps   |
| Selenium   | 77-2  | 0        | 0        | 0        | 0        | 0.00    | cps   |
| Selenium   | 78-2  | 2        | 4        | 2        | 2        | 43.30   | cps   |
| Selenium   | 82-1  | -35      | -67      | 28       | -25      | -194.97 | cps   |
| Silicon    | 28-1  | 14984614 | 14874944 | 14726680 | 14862079 | 0.87    | cps   |
| Silver     | 109-1 | 658      | 550      | 700      | 636      | 12.17   | cps   |
| Silver     | 107-1 | 858      | 858      | 742      | 820      | 8.22    | cps   |
| Sodium     | 23-2  | 613431   | 610026   | 602376   | 608611   | 0.93    | cps   |
| Strontium  | 86-1  | 89216    | 88839    | 88327    | 88794    | 0.50    | cps   |
| Strontium  | 88-1  | 765948   | 758063   | 768429   | 764147   | 0.71    | cps   |
| Sulfur     | 34-1  | 348016   | 340535   | 343952   | 344168   | 1.09    | cps   |
| Terbium    | 159-1 | 14198546 | 14258969 | 13735911 | 14064475 | 2.03    | cps   |
| Terbium    | 159-2 | 2463377  | 2458580  | 2447936  | 2456631  | 0.32    | cps   |
| Thallium   | 203-1 | 425      | 367      | 392      | 394      | 7.42    | cps   |
| Thallium   | 205-1 | 1042     | 1050     | 967      | 1020     | 4.50    | cps   |
| Tin        | 118-1 | 4918     | 4551     | 4426     | 4632     | 5.52    | cps   |
| Titanium   | 47-1  | 883      | 900      | 742      | 842      | 10.34   | cps   |
| Uranium    | 238-1 | 217      | 225      | 233      | 225      | 3.70    | cps   |
| Vanadium   | 51-2  | 143      | 123      | 120      | 129      | 9.79    | cps   |
| Yttrium    | 89-1  | 9924748  | 9963974  | 9642121  | 9843614  | 1.78    | cps   |
| Yttrium    | 89-2  | 254847   | 254533   | 253896   | 254425   | 0.19    | cps   |
| Zinc       | 66-2  | 213574   | 215524   | 214491   | 214529   | 0.45    | cps   |

|                         |                       |                   |                     |
|-------------------------|-----------------------|-------------------|---------------------|
| LB Number :             | LB97237               | Operator :        | Jaswal              |
| Lab Sample ID :         | J4354-14              | Instrumnet Name : | P8                  |
| Client Sample ID :      | 67-14-FL3-HALL-S-FTN2 | Dilution Factor : | 1                   |
| Date & Time Acquired :: | 2018-08-10 16:47:18   | DataFile Name :   | 082SMPL_P8081018-MS |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|-----------|------|------|------|------|---------|--------|-------|
| Zirconium | 90-1 | 2734 | 2417 | 2442 | 2531    | 6.96   | cps   |
| Zirconium | 91-1 | 608  | 658  | 508  | 592     | 12.91  | cps   |

|                         |                      |                   |                     |
|-------------------------|----------------------|-------------------|---------------------|
| LB Number :             | LB97237              | Operator :        | Jaswal              |
| Lab Sample ID :         | J4354-15             | Instrumnet Name : | P8                  |
| Client Sample ID :      | 67-15-FL3-HALL-S-WC2 | Dilution Factor : | 1                   |
| Date & Time Acquired :: | 2018-08-10 16:50:38  | DataFile Name :   | 083SMPL_P8081018-MS |

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|------------|-------|----------|----------|----------|----------|--------|-------|
| Aluminium  | 27-2  | 55       | 55       | 48       | 53       | 8.25   | cps   |
| Antimony   | 121-1 | 2834     | 3059     | 3101     | 2998     | 4.79   | cps   |
| Arsenic    | 75-2  | 57       | 78       | 43       | 59       | 29.81  | cps   |
| Barium     | 135-1 | 42469    | 41984    | 42528    | 42327    | 0.71   | cps   |
| Barium     | 137-1 | 75532    | 73949    | 72609    | 74030    | 1.98   | cps   |
| Beryllium  | 9-1   | 167      | 161      | 233      | 187      | 21.49  | cps   |
| Bismuth    | 209-1 | 9344278  | 9564478  | 9275240  | 9394666  | 1.61   | cps   |
| Bismuth    | 209-2 | 2293723  | 2179230  | 2196655  | 2223203  | 2.77   | cps   |
| Boron      | 10-1  | 1517     | 1450     | 1308     | 1425     | 7.47   | cps   |
| Boron      | 11-1  | 6435     | 6393     | 6518     | 6449     | 0.99   | cps   |
| Cadmium    | 111-1 | 1570     | 1470     | 1510     | 1517     | 3.32   | cps   |
| Cadmium    | 106-1 | 2167     | 2000     | 2050     | 2072     | 4.13   | cps   |
| Cadmium    | 108-1 | 25       | 25       | 13       | 21       | 34.64  | cps   |
| Calcium    | 43-1  | 120286   | 122195   | 120589   | 121023   | 0.85   | cps   |
| Calcium    | 44-1  | 2019576  | 2028960  | 2018092  | 2022209  | 0.29   | cps   |
| Chromium   | 52-2  | 847      | 760      | 750      | 786      | 6.77   | cps   |
| Cobalt     | 59-2  | 77       | 93       | 80       | 83       | 10.59  | cps   |
| Copper     | 63-2  | 9357     | 9343     | 9146     | 9282     | 1.27   | cps   |
| Dysprosium | 156-1 | 8        | 33       | 17       | 19       | 65.47  | cps   |
| Dysprosium | 156-2 | 3        | 10       | 3        | 6        | 69.34  | cps   |
| Erbium     | 164-1 | 67       | 92       | 50       | 69       | 30.20  | cps   |
| Erbium     | 164-2 | 3        | 10       | 13       | 9        | 57.30  | cps   |
| Gadolinium | 160-1 | 92       | 75       | 75       | 81       | 11.95  | cps   |
| Gadolinium | 160-2 | 13       | 17       | 0        | 10       | 88.20  | cps   |
| Holmium    | 165-1 | 13659616 | 13778789 | 13676948 | 13705118 | 0.47   | cps   |
| Holmium    | 165-2 | 2660800  | 2611335  | 2529698  | 2600611  | 2.55   | cps   |
| Indium     | 115-1 | 10058367 | 10220623 | 9954078  | 10077690 | 1.33   | cps   |
| Indium     | 115-2 | 367735   | 352461   | 352454   | 357550   | 2.47   | cps   |
| Iron       | 56-2  | 3373     | 3378     | 3195     | 3315     | 3.15   | cps   |
| Iron       | 57-2  | 94       | 61       | 78       | 78       | 21.43  | cps   |
| Krypton    | 83-1  | 353      | 300      | 323      | 326      | 8.21   | cps   |
| Lead       | 206-1 | 589      | 522      | 594      | 569      | 7.07   | cps   |
| Lead       | 207-1 | 433      | 561      | 489      | 494      | 12.96  | cps   |
| Lead       | 208-1 | 2300     | 2339     | 2372     | 2337     | 1.55   | cps   |
| Lithium    | 6-1   | 1634771  | 1648797  | 1601970  | 1628513  | 1.48   | cps   |
| Magnesium  | 24-2  | 35963    | 36264    | 36482    | 36236    | 0.72   | cps   |

|                         |                      |                   |                     |
|-------------------------|----------------------|-------------------|---------------------|
| LB Number :             | LB97237              | Operator :        | Jaswal              |
| Lab Sample ID :         | J4354-15             | Instrumnet Name : | P8                  |
| Client Sample ID :      | 67-15-FL3-HALL-S-WC2 | Dilution Factor : | 1                   |
| Date & Time Acquired :: | 2018-08-10 16:50:38  | DataFile Name :   | 083SMPL_P8081018-MS |

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD  | Units |
|------------|-------|----------|----------|----------|----------|---------|-------|
| Manganese  | 55-2  | 16947    | 17114    | 16573    | 16878    | 1.64    | cps   |
| Molybdenum | 94-1  | 1067     | 1000     | 1008     | 1025     | 3.54    | cps   |
| Molybdenum | 95-1  | 258      | 292      | 342      | 297      | 14.11   | cps   |
| Molybdenum | 96-1  | 492      | 450      | 592      | 511      | 14.25   | cps   |
| Molybdenum | 97-1  | 192      | 208      | 167      | 189      | 11.10   | cps   |
| Molybdenum | 98-1  | 525      | 542      | 475      | 514      | 6.75    | cps   |
| Neodymium  | 150-1 | 20       | 20       | 40       | 27       | 43.30   | cps   |
| Neodymium  | 150-2 | 0        | 0        | 0        | 0        | 0.00    | cps   |
| Nickel     | 60-2  | 1113     | 1163     | 1013     | 1097     | 6.96    | cps   |
| Phosphorus | 31-2  | 508      | 567      | 717      | 597      | 18.00   | cps   |
| Potassium  | 39-2  | 9387     | 9237     | 9195     | 9273     | 1.09    | cps   |
| Rhodium    | 103-1 | 9098251  | 9284504  | 9104651  | 9162469  | 1.15    | cps   |
| Rhodium    | 103-2 | 2401931  | 2256440  | 2290417  | 2316263  | 3.29    | cps   |
| Scandium   | 45-1  | 5133540  | 5325582  | 5041617  | 5166913  | 2.80    | cps   |
| Scandium   | 45-2  | 35762    | 33898    | 33620    | 34427    | 3.38    | cps   |
| Selenium   | 77-2  | 0        | 0        | 0        | 0        | 0.00    | cps   |
| Selenium   | 78-2  | 2        | 2        | 0        | 1        | 86.60   | cps   |
| Selenium   | 82-1  | -68      | 22       | -18      | -21      | -211.07 | cps   |
| Silicon    | 28-1  | 7262970  | 7225548  | 7272707  | 7253742  | 0.34    | cps   |
| Silver     | 109-1 | 492      | 433      | 625      | 517      | 19.02   | cps   |
| Silver     | 107-1 | 417      | 517      | 575      | 503      | 15.93   | cps   |
| Sodium     | 23-2  | 567376   | 565135   | 567146   | 566552   | 0.22    | cps   |
| Strontium  | 86-1  | 55840    | 56100    | 57036    | 56325    | 1.12    | cps   |
| Strontium  | 88-1  | 482449   | 481478   | 479517   | 481148   | 0.31    | cps   |
| Sulfur     | 34-1  | 330303   | 324922   | 324805   | 326677   | 0.96    | cps   |
| Terbium    | 159-1 | 13903539 | 14091095 | 13893469 | 13962701 | 0.80    | cps   |
| Terbium    | 159-2 | 2555827  | 2415601  | 2396163  | 2455864  | 3.55    | cps   |
| Thallium   | 203-1 | 333      | 350      | 250      | 311      | 17.22   | cps   |
| Thallium   | 205-1 | 725      | 717      | 725      | 722      | 0.67    | cps   |
| Tin        | 118-1 | 1942     | 1617     | 2042     | 1867     | 11.90   | cps   |
| Titanium   | 47-1  | 617      | 792      | 825      | 745      | 15.03   | cps   |
| Uranium    | 238-1 | 100      | 125      | 92       | 106      | 16.44   | cps   |
| Vanadium   | 51-2  | 13       | 43       | 20       | 26       | 61.64   | cps   |
| Yttrium    | 89-1  | 9688220  | 9986598  | 9640572  | 9771797  | 1.92    | cps   |
| Yttrium    | 89-2  | 264001   | 252118   | 253351   | 256490   | 2.55    | cps   |
| Zinc       | 66-2  | 4671     | 5138     | 5124     | 4978     | 5.34    | cps   |

|                         |                      |                   |                     |
|-------------------------|----------------------|-------------------|---------------------|
| LB Number :             | LB97237              | Operator :        | Jaswal              |
| Lab Sample ID :         | J4354-15             | Instrumnet Name : | P8                  |
| Client Sample ID :      | 67-15-FL3-HALL-S-WC2 | Dilution Factor : | 1                   |
| Date & Time Acquired :: | 2018-08-10 16:50:38  | DataFile Name :   | 083SMPL_P8081018-MS |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|-----------|------|------|------|------|---------|--------|-------|
| Zirconium | 90-1 | 2242 | 2200 | 2159 | 2200    | 1.89   | cps   |
| Zirconium | 91-1 | 458  | 600  | 475  | 511     | 15.15  | cps   |



LB Number : LB97237 Operator : Jaswal  
 Lab Sample ID : J4354-16 Instrumnet Name : P8  
 Client Sample ID : 67-16-FL3-BOYS-BR-W4 Dilution Factor : 1  
 Date & Time Acquired :: 2018-08-10 16:53:58 DataFile Name : 084SMPL\_P8081018-MS

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|------------|-------|----------|----------|----------|----------|--------|-------|
| Aluminium  | 27-2  | 423      | 435      | 403      | 420      | 3.90   | cps   |
| Antimony   | 121-1 | 8870     | 9079     | 8962     | 8970     | 1.17   | cps   |
| Arsenic    | 75-2  | 24       | 35       | 17       | 25       | 36.83  | cps   |
| Barium     | 135-1 | 38959    | 38298    | 38198    | 38485    | 1.07   | cps   |
| Barium     | 137-1 | 67188    | 67523    | 65857    | 66856    | 1.32   | cps   |
| Beryllium  | 9-1   | 117      | 117      | 94       | 109      | 11.74  | cps   |
| Bismuth    | 209-1 | 9653372  | 9404716  | 9250569  | 9436219  | 2.15   | cps   |
| Bismuth    | 209-2 | 2127121  | 2238590  | 2270489  | 2212067  | 3.40   | cps   |
| Boron      | 10-1  | 1167     | 1433     | 1417     | 1339     | 11.16  | cps   |
| Boron      | 11-1  | 5735     | 5935     | 5743     | 5804     | 1.95   | cps   |
| Cadmium    | 111-1 | 1661     | 1802     | 1600     | 1688     | 6.14   | cps   |
| Cadmium    | 106-1 | 2142     | 2150     | 1884     | 2059     | 7.37   | cps   |
| Cadmium    | 108-1 | 108      | 58       | 63       | 76       | 36.32  | cps   |
| Calcium    | 43-1  | 100660   | 101641   | 102934   | 101745   | 1.12   | cps   |
| Calcium    | 44-1  | 1727061  | 1731312  | 1699335  | 1719236  | 1.01   | cps   |
| Chromium   | 52-2  | 437      | 407      | 333      | 392      | 13.55  | cps   |
| Cobalt     | 59-2  | 287      | 237      | 177      | 233      | 23.61  | cps   |
| Copper     | 63-2  | 453393   | 449969   | 448580   | 450647   | 0.55   | cps   |
| Dysprosium | 156-1 | 17       | 33       | 8        | 19       | 65.47  | cps   |
| Dysprosium | 156-2 | 3        | 23       | 7        | 11       | 96.43  | cps   |
| Erbium     | 164-1 | 50       | 83       | 75       | 69       | 24.98  | cps   |
| Erbium     | 164-2 | 27       | 10       | 13       | 17       | 52.93  | cps   |
| Gadolinium | 160-1 | 83       | 108      | 42       | 78       | 43.30  | cps   |
| Gadolinium | 160-2 | 7        | 7        | 13       | 9        | 43.25  | cps   |
| Holmium    | 165-1 | 14223838 | 13838985 | 13874326 | 13979050 | 1.52   | cps   |
| Holmium    | 165-2 | 2563629  | 2621407  | 2678672  | 2621236  | 2.19   | cps   |
| Indium     | 115-1 | 10366030 | 10070039 | 10000665 | 10145578 | 1.91   | cps   |
| Indium     | 115-2 | 349965   | 358539   | 359267   | 355924   | 1.45   | cps   |
| Iron       | 56-2  | 10171    | 9748     | 10154    | 10024    | 2.39   | cps   |
| Iron       | 57-2  | 289      | 233      | 267      | 263      | 10.63  | cps   |
| Krypton    | 83-1  | 330      | 337      | 323      | 330      | 2.02   | cps   |
| Lead       | 206-1 | 54428    | 53217    | 51906    | 53184    | 2.37   | cps   |
| Lead       | 207-1 | 44422    | 45192    | 44177    | 44597    | 1.19   | cps   |
| Lead       | 208-1 | 209277   | 207873   | 204997   | 207382   | 1.05   | cps   |
| Lithium    | 6-1   | 1656870  | 1635511  | 1619685  | 1637355  | 1.14   | cps   |
| Magnesium  | 24-2  | 27987    | 27912    | 27962    | 27953    | 0.14   | cps   |

|                         |                      |                   |                     |
|-------------------------|----------------------|-------------------|---------------------|
| LB Number :             | LB97237              | Operator :        | Jaswal              |
| Lab Sample ID :         | J4354-16             | Instrumnet Name : | P8                  |
| Client Sample ID :      | 67-16-FL3-BOYS-BR-W4 | Dilution Factor : | 1                   |
| Date & Time Acquired :: | 2018-08-10 16:53:58  | DataFile Name :   | 084SMPL_P8081018-MS |

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD  | Units |
|------------|-------|----------|----------|----------|----------|---------|-------|
| Manganese  | 55-2  | 2264     | 2304     | 2267     | 2278     | 0.97    | cps   |
| Molybdenum | 94-1  | 1058     | 1050     | 808      | 972      | 14.60   | cps   |
| Molybdenum | 95-1  | 200      | 383      | 292      | 292      | 31.43   | cps   |
| Molybdenum | 96-1  | 475      | 517      | 533      | 508      | 5.91    | cps   |
| Molybdenum | 97-1  | 217      | 233      | 200      | 217      | 7.69    | cps   |
| Molybdenum | 98-1  | 442      | 367      | 492      | 433      | 14.52   | cps   |
| Neodymium  | 150-1 | 60       | 20       | 40       | 40       | 50.00   | cps   |
| Neodymium  | 150-2 | 3        | 3        | 0        | 2        | 86.60   | cps   |
| Nickel     | 60-2  | 20809    | 21253    | 21223    | 21095    | 1.18    | cps   |
| Phosphorus | 31-2  | 167      | 50       | 125      | 114      | 51.91   | cps   |
| Potassium  | 39-2  | 9095     | 8386     | 8728     | 8736     | 4.06    | cps   |
| Rhodium    | 103-1 | 9535830  | 9213352  | 9245898  | 9331693  | 1.90    | cps   |
| Rhodium    | 103-2 | 2294540  | 2332166  | 2355236  | 2327314  | 1.32    | cps   |
| Scandium   | 45-1  | 5436404  | 5217156  | 5204599  | 5286053  | 2.47    | cps   |
| Scandium   | 45-2  | 33186    | 34746    | 34827    | 34253    | 2.70    | cps   |
| Selenium   | 77-2  | 0        | 0        | 3        | 1        | 173.21  | cps   |
| Selenium   | 78-2  | 4        | 0        | 0        | 1        | 173.21  | cps   |
| Selenium   | 82-1  | -16      | -33      | 25       | -8       | -363.17 | cps   |
| Silicon    | 28-1  | 3403196  | 3323490  | 3313828  | 3346838  | 1.47    | cps   |
| Silver     | 109-1 | 925      | 733      | 825      | 828      | 11.58   | cps   |
| Silver     | 107-1 | 850      | 950      | 1000     | 933      | 8.18    | cps   |
| Sodium     | 23-2  | 598316   | 595904   | 596208   | 596809   | 0.22    | cps   |
| Strontium  | 86-1  | 45293    | 45268    | 44081    | 44880    | 1.54    | cps   |
| Strontium  | 88-1  | 390071   | 386396   | 384117   | 386861   | 0.78    | cps   |
| Sulfur     | 34-1  | 315506   | 316258   | 314675   | 315480   | 0.25    | cps   |
| Terbium    | 159-1 | 14523486 | 14227496 | 14033238 | 14261407 | 1.73    | cps   |
| Terbium    | 159-2 | 2369726  | 2516358  | 2505271  | 2463785  | 3.31    | cps   |
| Thallium   | 203-1 | 350      | 450      | 433      | 411      | 13.03   | cps   |
| Thallium   | 205-1 | 842      | 858      | 892      | 864      | 2.95    | cps   |
| Tin        | 118-1 | 2992     | 3301     | 3192     | 3162     | 4.95    | cps   |
| Titanium   | 47-1  | 358      | 367      | 392      | 372      | 4.66    | cps   |
| Uranium    | 238-1 | 450      | 500      | 300      | 417      | 24.98   | cps   |
| Vanadium   | 51-2  | 57       | 33       | 17       | 36       | 56.51   | cps   |
| Yttrium    | 89-1  | 10216823 | 9882472  | 9897439  | 9998911  | 1.89    | cps   |
| Yttrium    | 89-2  | 250586   | 258610   | 261708   | 256968   | 2.23    | cps   |
| Zinc       | 66-2  | 160617   | 158267   | 159107   | 159330   | 0.75    | cps   |

|                         |                      |                   |                     |
|-------------------------|----------------------|-------------------|---------------------|
| LB Number :             | LB97237              | Operator :        | Jaswal              |
| Lab Sample ID :         | J4354-16             | Instrumnet Name : | P8                  |
| Client Sample ID :      | 67-16-FL3-BOYS-BR-W4 | Dilution Factor : | 1                   |
| Date & Time Acquired :: | 2018-08-10 16:53:58  | DataFile Name :   | 084SMPL_P8081018-MS |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|-----------|------|------|------|------|---------|--------|-------|
| Zirconium | 90-1 | 2050 | 2134 | 1984 | 2056    | 3.66   | cps   |
| Zirconium | 91-1 | 558  | 517  | 417  | 497     | 14.64  | cps   |

|                         |                       |                   |                     |
|-------------------------|-----------------------|-------------------|---------------------|
| LB Number :             | LB97237               | Operator :        | Jaswal              |
| Lab Sample ID :         | J4354-17              | Instrumnet Name : | P8                  |
| Client Sample ID :      | 67-17-FL3-GIRLS-BR-W4 | Dilution Factor : | 1                   |
| Date & Time Acquired :: | 2018-08-10 16:57:18   | DataFile Name :   | 085SMPL_P8081018-MS |

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|------------|-------|----------|----------|----------|----------|--------|-------|
| Aluminium  | 27-2  | 1183     | 1295     | 1260     | 1246     | 4.62   | cps   |
| Antimony   | 121-1 | 19014    | 19715    | 19415    | 19382    | 1.81   | cps   |
| Arsenic    | 75-2  | 31       | 30       | 41       | 34       | 17.53  | cps   |
| Barium     | 135-1 | 41684    | 40990    | 41700    | 41458    | 0.98   | cps   |
| Barium     | 137-1 | 74242    | 71201    | 70815    | 72086    | 2.60   | cps   |
| Beryllium  | 9-1   | 94       | 128      | 133      | 119      | 17.75  | cps   |
| Bismuth    | 209-1 | 9014665  | 9492786  | 9424057  | 9310503  | 2.78   | cps   |
| Bismuth    | 209-2 | 2186561  | 2224833  | 2187216  | 2199537  | 1.00   | cps   |
| Boron      | 10-1  | 1400     | 1534     | 1125     | 1353     | 15.39  | cps   |
| Boron      | 11-1  | 5885     | 6510     | 5951     | 6115     | 5.61   | cps   |
| Cadmium    | 111-1 | 2087     | 2141     | 2296     | 2175     | 4.97   | cps   |
| Cadmium    | 106-1 | 2209     | 2159     | 2134     | 2167     | 1.76   | cps   |
| Cadmium    | 108-1 | 221      | 183      | 146      | 183      | 20.45  | cps   |
| Calcium    | 43-1  | 106292   | 105981   | 107316   | 106530   | 0.66   | cps   |
| Calcium    | 44-1  | 1822370  | 1806956  | 1805925  | 1811751  | 0.51   | cps   |
| Chromium   | 52-2  | 450      | 497      | 417      | 454      | 8.84   | cps   |
| Cobalt     | 59-2  | 603      | 557      | 483      | 548      | 11.04  | cps   |
| Copper     | 63-2  | 687564   | 681658   | 684207   | 684477   | 0.43   | cps   |
| Dysprosium | 156-1 | 67       | 58       | 17       | 47       | 56.72  | cps   |
| Dysprosium | 156-2 | 13       | 17       | 7        | 12       | 41.65  | cps   |
| Erbium     | 164-1 | 100      | 67       | 92       | 86       | 20.14  | cps   |
| Erbium     | 164-2 | 10       | 17       | 17       | 14       | 26.66  | cps   |
| Gadolinium | 160-1 | 100      | 92       | 150      | 114      | 27.70  | cps   |
| Gadolinium | 160-2 | 10       | 17       | 10       | 12       | 31.50  | cps   |
| Holmium    | 165-1 | 13247840 | 13870619 | 14023990 | 13714150 | 3.00   | cps   |
| Holmium    | 165-2 | 2625198  | 2574488  | 2589727  | 2596471  | 1.00   | cps   |
| Indium     | 115-1 | 9664304  | 10133894 | 10019950 | 9939383  | 2.46   | cps   |
| Indium     | 115-2 | 356768   | 356172   | 355583   | 356174   | 0.17   | cps   |
| Iron       | 56-2  | 25479    | 24400    | 24856    | 24912    | 2.18   | cps   |
| Iron       | 57-2  | 750      | 722      | 533      | 669      | 17.64  | cps   |
| Krypton    | 83-1  | 350      | 397      | 283      | 343      | 16.59  | cps   |
| Lead       | 206-1 | 41257    | 40927    | 40348    | 40844    | 1.13   | cps   |
| Lead       | 207-1 | 34247    | 34453    | 33656    | 34119    | 1.21   | cps   |
| Lead       | 208-1 | 161751   | 162075   | 159480   | 161102   | 0.88   | cps   |
| Lithium    | 6-1   | 1569789  | 1626954  | 1623750  | 1606831  | 2.00   | cps   |
| Magnesium  | 24-2  | 29640    | 29832    | 28989    | 29487    | 1.50   | cps   |

|                         |                       |                   |                     |
|-------------------------|-----------------------|-------------------|---------------------|
| LB Number :             | LB97237               | Operator :        | Jaswal              |
| Lab Sample ID :         | J4354-17              | Instrumnet Name : | P8                  |
| Client Sample ID :      | 67-17-FL3-GIRLS-BR-W4 | Dilution Factor : | 1                   |
| Date & Time Acquired :: | 2018-08-10 16:57:18   | DataFile Name :   | 085SMPL_P8081018-MS |

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD  | Units |
|------------|-------|----------|----------|----------|----------|---------|-------|
| Manganese  | 55-2  | 3494     | 3547     | 3497     | 3513     | 0.85    | cps   |
| Molybdenum | 94-1  | 1083     | 983      | 783      | 950      | 16.08   | cps   |
| Molybdenum | 95-1  | 267      | 325      | 392      | 328      | 19.08   | cps   |
| Molybdenum | 96-1  | 650      | 442      | 408      | 500      | 26.19   | cps   |
| Molybdenum | 97-1  | 167      | 208      | 183      | 186      | 11.27   | cps   |
| Molybdenum | 98-1  | 450      | 458      | 650      | 519      | 21.78   | cps   |
| Neodymium  | 150-1 | 47       | 47       | 53       | 49       | 7.88    | cps   |
| Neodymium  | 150-2 | 0        | 0        | 3        | 1        | 173.21  | cps   |
| Nickel     | 60-2  | 12589    | 12713    | 12990    | 12764    | 1.61    | cps   |
| Phosphorus | 31-2  | 92       | 125      | 67       | 94       | 30.99   | cps   |
| Potassium  | 39-2  | 8470     | 9637     | 9545     | 9217     | 7.04    | cps   |
| Rhodium    | 103-1 | 8815017  | 9262283  | 9268766  | 9115355  | 2.85    | cps   |
| Rhodium    | 103-2 | 2328819  | 2317493  | 2317201  | 2321171  | 0.29    | cps   |
| Scandium   | 45-1  | 5141889  | 5269976  | 5328528  | 5246798  | 1.82    | cps   |
| Scandium   | 45-2  | 34686    | 34579    | 34339    | 34535    | 0.52    | cps   |
| Selenium   | 77-2  | 0        | 0        | 0        | 0        | 0.00    | cps   |
| Selenium   | 78-2  | 4        | 4        | 2        | 3        | 34.64   | cps   |
| Selenium   | 82-1  | -1       | -81      | 44       | -12      | -505.74 | cps   |
| Silicon    | 28-1  | 3748403  | 3701651  | 3702288  | 3717447  | 0.72    | cps   |
| Silver     | 109-1 | 1017     | 908      | 933      | 953      | 5.95    | cps   |
| Silver     | 107-1 | 1058     | 933      | 1133     | 1042     | 9.70    | cps   |
| Sodium     | 23-2  | 591749   | 584765   | 589031   | 588515   | 0.60    | cps   |
| Strontium  | 86-1  | 47859    | 47241    | 47693    | 47598    | 0.67    | cps   |
| Strontium  | 88-1  | 412094   | 405096   | 399206   | 405465   | 1.59    | cps   |
| Sulfur     | 34-1  | 325373   | 322992   | 321928   | 323431   | 0.55    | cps   |
| Terbium    | 159-1 | 13574612 | 14139844 | 14106382 | 13940280 | 2.27    | cps   |
| Terbium    | 159-2 | 2473803  | 2464166  | 2506154  | 2481374  | 0.89    | cps   |
| Thallium   | 203-1 | 425      | 458      | 467      | 450      | 4.90    | cps   |
| Thallium   | 205-1 | 1242     | 1050     | 1233     | 1175     | 9.22    | cps   |
| Tin        | 118-1 | 6143     | 5827     | 6318     | 6096     | 4.09    | cps   |
| Titanium   | 47-1  | 683      | 683      | 700      | 689      | 1.40    | cps   |
| Uranium    | 238-1 | 508      | 383      | 492      | 461      | 14.72   | cps   |
| Vanadium   | 51-2  | 23       | 37       | 43       | 34       | 29.57   | cps   |
| Yttrium    | 89-1  | 9509312  | 10016782 | 9924912  | 9817002  | 2.75    | cps   |
| Yttrium    | 89-2  | 256151   | 256469   | 255032   | 255884   | 0.30    | cps   |
| Zinc       | 66-2  | 387943   | 382863   | 381755   | 384187   | 0.86    | cps   |

|                         |                       |                   |                     |
|-------------------------|-----------------------|-------------------|---------------------|
| LB Number :             | LB97237               | Operator :        | Jaswal              |
| Lab Sample ID :         | J4354-17              | Instrumnet Name : | P8                  |
| Client Sample ID :      | 67-17-FL3-GIRLS-BR-W4 | Dilution Factor : | 1                   |
| Date & Time Acquired :: | 2018-08-10 16:57:18   | DataFile Name :   | 085SMPL_P8081018-MS |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|-----------|------|------|------|------|---------|--------|-------|
| Zirconium | 90-1 | 2400 | 2142 | 2100 | 2214    | 7.34   | cps   |
| Zirconium | 91-1 | 500  | 517  | 450  | 489     | 7.10   | cps   |

|                         |                       |                   |                     |
|-------------------------|-----------------------|-------------------|---------------------|
| LB Number :             | LB97237               | Operator :        | Jaswal              |
| Lab Sample ID :         | J4354-18              | Instrumnet Name : | P8                  |
| Client Sample ID :      | 67-18-FL3-GIRLS-BR-W4 | Dilution Factor : | 1                   |
| Date & Time Acquired :: | 2018-08-10 17:00:38   | DataFile Name :   | 086SMPL_P8081018-MS |

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|------------|-------|----------|----------|----------|----------|--------|-------|
| Aluminium  | 27-2  | 543      | 540      | 610      | 564      | 7.04   | cps   |
| Antimony   | 121-1 | 13190    | 13249    | 12740    | 13060    | 2.13   | cps   |
| Arsenic    | 75-2  | 15       | 11       | 17       | 14       | 19.94  | cps   |
| Barium     | 135-1 | 41441    | 41491    | 42243    | 41725    | 1.08   | cps   |
| Barium     | 137-1 | 71930    | 72683    | 72625    | 72413    | 0.58   | cps   |
| Beryllium  | 9-1   | 89       | 133      | 100      | 107      | 21.54  | cps   |
| Bismuth    | 209-1 | 9372484  | 9119252  | 9184150  | 9225295  | 1.43   | cps   |
| Bismuth    | 209-2 | 2061239  | 2150503  | 2184556  | 2132099  | 2.99   | cps   |
| Boron      | 10-1  | 1175     | 1375     | 1283     | 1278     | 7.84   | cps   |
| Boron      | 11-1  | 5451     | 5960     | 5760     | 5724     | 4.48   | cps   |
| Cadmium    | 111-1 | 1797     | 1667     | 1937     | 1800     | 7.50   | cps   |
| Cadmium    | 106-1 | 2034     | 1859     | 2234     | 2042     | 9.19   | cps   |
| Cadmium    | 108-1 | 133      | 96       | 121      | 117      | 16.37  | cps   |
| Calcium    | 43-1  | 106997   | 105166   | 104386   | 105517   | 1.27   | cps   |
| Calcium    | 44-1  | 1774970  | 1792450  | 1748170  | 1771863  | 1.26   | cps   |
| Chromium   | 52-2  | 387      | 397      | 447      | 410      | 7.84   | cps   |
| Cobalt     | 59-2  | 387      | 450      | 363      | 400      | 11.21  | cps   |
| Copper     | 63-2  | 775853   | 767949   | 765222   | 769675   | 0.72   | cps   |
| Dysprosium | 156-1 | 25       | 58       | 50       | 44       | 39.04  | cps   |
| Dysprosium | 156-2 | 0        | 10       | 0        | 3        | 173.21 | cps   |
| Erbium     | 164-1 | 117      | 67       | 42       | 75       | 50.92  | cps   |
| Erbium     | 164-2 | 13       | 7        | 13       | 11       | 34.61  | cps   |
| Gadolinium | 160-1 | 142      | 158      | 42       | 114      | 55.40  | cps   |
| Gadolinium | 160-2 | 13       | 17       | 17       | 16       | 12.40  | cps   |
| Holmium    | 165-1 | 13849666 | 13440347 | 13530872 | 13606962 | 1.58   | cps   |
| Holmium    | 165-2 | 2414284  | 2554058  | 2593354  | 2520565  | 3.73   | cps   |
| Indium     | 115-1 | 10092077 | 9890025  | 9955670  | 9979258  | 1.03   | cps   |
| Indium     | 115-2 | 336415   | 348989   | 354001   | 346468   | 2.62   | cps   |
| Iron       | 56-2  | 13779    | 13062    | 12684    | 13175    | 4.22   | cps   |
| Iron       | 57-2  | 267      | 406      | 333      | 335      | 20.72  | cps   |
| Krypton    | 83-1  | 253      | 307      | 323      | 294      | 12.42  | cps   |
| Lead       | 206-1 | 23884    | 24318    | 24212    | 24138    | 0.94   | cps   |
| Lead       | 207-1 | 20634    | 21574    | 20205    | 20805    | 3.37   | cps   |
| Lead       | 208-1 | 95560    | 95807    | 95052    | 95473    | 0.40   | cps   |
| Lithium    | 6-1   | 1591734  | 1595142  | 1598684  | 1595187  | 0.22   | cps   |
| Magnesium  | 24-2  | 29365    | 28863    | 29365    | 29197    | 0.99   | cps   |

|                         |                       |                   |                     |
|-------------------------|-----------------------|-------------------|---------------------|
| LB Number :             | LB97237               | Operator :        | Jaswal              |
| Lab Sample ID :         | J4354-18              | Instrumnet Name : | P8                  |
| Client Sample ID :      | 67-18-FL3-GIRLS-BR-W4 | Dilution Factor : | 1                   |
| Date & Time Acquired :: | 2018-08-10 17:00:38   | DataFile Name :   | 086SMPL_P8081018-MS |

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|------------|-------|----------|----------|----------|----------|--------|-------|
| Manganese  | 55-2  | 2527     | 2594     | 2674     | 2598     | 2.83   | cps   |
| Molybdenum | 94-1  | 1050     | 1485     | 1050     | 1195     | 21.00  | cps   |
| Molybdenum | 95-1  | 433      | 358      | 583      | 458      | 25.00  | cps   |
| Molybdenum | 96-1  | 558      | 583      | 650      | 597      | 7.93   | cps   |
| Molybdenum | 97-1  | 300      | 250      | 225      | 258      | 14.78  | cps   |
| Molybdenum | 98-1  | 608      | 650      | 767      | 675      | 12.16  | cps   |
| Neodymium  | 150-1 | 53       | 33       | 40       | 42       | 24.13  | cps   |
| Neodymium  | 150-2 | 7        | 3        | 0        | 3        | 100.05 | cps   |
| Nickel     | 60-2  | 7379     | 7269     | 6912     | 7186     | 3.40   | cps   |
| Phosphorus | 31-2  | 125      | 58       | 75       | 86       | 40.29  | cps   |
| Potassium  | 39-2  | 8678     | 8211     | 7869     | 8253     | 4.92   | cps   |
| Rhodium    | 103-1 | 9314297  | 9096001  | 9129666  | 9179988  | 1.28   | cps   |
| Rhodium    | 103-2 | 2170015  | 2270235  | 2294507  | 2244919  | 2.94   | cps   |
| Scandium   | 45-1  | 5341602  | 5186961  | 5190526  | 5239696  | 1.68   | cps   |
| Scandium   | 45-2  | 32502    | 33343    | 34840    | 33562    | 3.53   | cps   |
| Selenium   | 77-2  | 0        | 0        | 0        | 0        | 0.00   | cps   |
| Selenium   | 78-2  | 2        | 2        | 0        | 1        | 86.60  | cps   |
| Selenium   | 82-1  | 86       | -9       | 11       | 29       | 170.60 | cps   |
| Silicon    | 28-1  | 3652919  | 3644456  | 3620901  | 3639425  | 0.46   | cps   |
| Silver     | 109-1 | 592      | 675      | 767      | 678      | 12.91  | cps   |
| Silver     | 107-1 | 742      | 642      | 842      | 742      | 13.48  | cps   |
| Sodium     | 23-2  | 593590   | 591381   | 587791   | 590921   | 0.50   | cps   |
| Strontium  | 86-1  | 46873    | 47584    | 45602    | 46686    | 2.15   | cps   |
| Strontium  | 88-1  | 403884   | 404586   | 403645   | 404038   | 0.12   | cps   |
| Sulfur     | 34-1  | 325376   | 326577   | 324599   | 325517   | 0.31   | cps   |
| Terbium    | 159-1 | 14096141 | 13642166 | 13809816 | 13849374 | 1.66   | cps   |
| Terbium    | 159-2 | 2299464  | 2413833  | 2433784  | 2382360  | 3.04   | cps   |
| Thallium   | 203-1 | 458      | 442      | 367      | 422      | 11.56  | cps   |
| Thallium   | 205-1 | 1100     | 1092     | 1025     | 1072     | 3.83   | cps   |
| Tin        | 118-1 | 5068     | 5635     | 5260     | 5321     | 5.42   | cps   |
| Titanium   | 47-1  | 333      | 308      | 292      | 311      | 6.74   | cps   |
| Uranium    | 238-1 | 308      | 317      | 367      | 331      | 9.54   | cps   |
| Vanadium   | 51-2  | 53       | 13       | 27       | 31       | 65.47  | cps   |
| Yttrium    | 89-1  | 9981196  | 9729634  | 9789344  | 9833391  | 1.34   | cps   |
| Yttrium    | 89-2  | 240224   | 252780   | 255908   | 249637   | 3.33   | cps   |
| Zinc       | 66-2  | 262253   | 262328   | 262083   | 262221   | 0.05   | cps   |



|                         |                       |                   |                     |
|-------------------------|-----------------------|-------------------|---------------------|
| LB Number :             | LB97237               | Operator :        | Jaswal              |
| Lab Sample ID :         | J4354-18              | Instrumnet Name : | P8                  |
| Client Sample ID :      | 67-18-FL3-GIRLS-BR-W4 | Dilution Factor : | 1                   |
| Date & Time Acquired :: | 2018-08-10 17:00:38   | DataFile Name :   | 086SMPL_P8081018-MS |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|-----------|------|------|------|------|---------|--------|-------|
| Zirconium | 90-1 | 1842 | 1825 | 1917 | 1861    | 2.62   | cps   |
| Zirconium | 91-1 | 358  | 367  | 400  | 375     | 5.88   | cps   |

|                         |                     |                   |                     |
|-------------------------|---------------------|-------------------|---------------------|
| LB Number :             | LB97237             | Operator :        | Jaswal              |
| Lab Sample ID :         | PB111917BLRE        | Instrumnet Name : | P8                  |
| Client Sample ID :      | PB111917BLRE        | Dilution Factor : | 1                   |
| Date & Time Acquired :: | 2018-08-10 17:19:17 | DataFile Name :   | 087CCBE_P8081018-MS |

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|------------|-------|----------|----------|----------|----------|--------|-------|
| Aluminium  | 27-2  | 15       | 15       | 13       | 14       | 10.19  | cps   |
| Antimony   | 121-1 | 1117     | 983      | 975      | 1025     | 7.76   | cps   |
| Arsenic    | 75-2  | 6        | 4        | 2        | 4        | 50.09  | cps   |
| Barium     | 135-1 | 42       | 33       | 17       | 31       | 41.66  | cps   |
| Barium     | 137-1 | 50       | 42       | 17       | 36       | 48.03  | cps   |
| Beryllium  | 9-1   | 100      | 67       | 150      | 106      | 39.73  | cps   |
| Bismuth    | 209-1 | 8649092  | 8722465  | 8507149  | 8626235  | 1.27   | cps   |
| Bismuth    | 209-2 | 2116462  | 2126315  | 2086208  | 2109662  | 0.99   | cps   |
| Boron      | 10-1  | 275      | 275      | 342      | 297      | 12.95  | cps   |
| Boron      | 11-1  | 1750     | 1759     | 1684     | 1731     | 2.38   | cps   |
| Cadmium    | 111-1 | 1469     | 1239     | 1359     | 1356     | 8.49   | cps   |
| Cadmium    | 106-1 | 2092     | 1767     | 1925     | 1928     | 8.43   | cps   |
| Cadmium    | 108-1 | 17       | 8        | 8        | 11       | 43.34  | cps   |
| Calcium    | 43-1  | 392      | 358      | 442      | 397      | 10.56  | cps   |
| Calcium    | 44-1  | 13432    | 12806    | 12915    | 13051    | 2.56   | cps   |
| Chromium   | 52-2  | 300      | 330      | 337      | 322      | 6.06   | cps   |
| Cobalt     | 59-2  | 27       | 33       | 17       | 26       | 32.81  | cps   |
| Copper     | 63-2  | 650      | 560      | 663      | 624      | 9.00   | cps   |
| Dysprosium | 156-1 | 8        | 17       | 25       | 17       | 50.01  | cps   |
| Dysprosium | 156-2 | 3        | 3        | 0        | 2        | 86.60  | cps   |
| Erbium     | 164-1 | 50       | 42       | 25       | 39       | 32.73  | cps   |
| Erbium     | 164-2 | 7        | 7        | 3        | 6        | 34.70  | cps   |
| Gadolinium | 160-1 | 92       | 100      | 83       | 92       | 9.09   | cps   |
| Gadolinium | 160-2 | 3        | 17       | 10       | 10       | 66.70  | cps   |
| Holmium    | 165-1 | 12815456 | 12831321 | 12713118 | 12786632 | 0.50   | cps   |
| Holmium    | 165-2 | 2515882  | 2513705  | 2486133  | 2505240  | 0.66   | cps   |
| Indium     | 115-1 | 9512879  | 9493174  | 9373306  | 9459786  | 0.80   | cps   |
| Indium     | 115-2 | 353009   | 352706   | 349066   | 351594   | 0.62   | cps   |
| Iron       | 56-2  | 1067     | 861      | 1017     | 982      | 10.92  | cps   |
| Iron       | 57-2  | 33       | 33       | 22       | 30       | 21.65  | cps   |
| Krypton    | 83-1  | 280      | 357      | 300      | 312      | 12.74  | cps   |
| Lead       | 206-1 | 339      | 356      | 411      | 369      | 10.26  | cps   |
| Lead       | 207-1 | 256      | 322      | 367      | 315      | 17.76  | cps   |
| Lead       | 208-1 | 1350     | 1461     | 1606     | 1472     | 8.70   | cps   |
| Lithium    | 6-1   | 1512892  | 1535514  | 1529209  | 1525872  | 0.77   | cps   |
| Magnesium  | 24-2  | 242      | 275      | 258      | 258      | 6.45   | cps   |

|                         |                     |                   |                     |
|-------------------------|---------------------|-------------------|---------------------|
| LB Number :             | LB97237             | Operator :        | Jaswal              |
| Lab Sample ID :         | PB111917BLRE        | Instrumnet Name : | P8                  |
| Client Sample ID :      | PB111917BLRE        | Dilution Factor : | 1                   |
| Date & Time Acquired :: | 2018-08-10 17:19:17 | DataFile Name :   | 087CCBE_P8081018-MS |

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|------------|-------|----------|----------|----------|----------|--------|-------|
| Manganese  | 55-2  | 60       | 63       | 60       | 61       | 3.16   | cps   |
| Molybdenum | 94-1  | 392      | 225      | 342      | 319      | 26.77  | cps   |
| Molybdenum | 95-1  | 117      | 75       | 92       | 94       | 22.21  | cps   |
| Molybdenum | 96-1  | 217      | 125      | 192      | 178      | 26.65  | cps   |
| Molybdenum | 97-1  | 33       | 67       | 75       | 58       | 37.80  | cps   |
| Molybdenum | 98-1  | 167      | 100      | 133      | 133      | 25.00  | cps   |
| Neodymium  | 150-1 | 0        | 20       | 0        | 7        | 173.21 | cps   |
| Neodymium  | 150-2 | 0        | 0        | 0        | 0        | 0.00   | cps   |
| Nickel     | 60-2  | 137      | 147      | 160      | 148      | 7.92   | cps   |
| Phosphorus | 31-2  | 0        | 0        | 17       | 6        | 173.21 | cps   |
| Potassium  | 39-2  | 1809     | 1575     | 1859     | 1747     | 8.66   | cps   |
| Rhodium    | 103-1 | 8760271  | 8843885  | 8652217  | 8752124  | 1.10   | cps   |
| Rhodium    | 103-2 | 2249360  | 2249836  | 2267026  | 2255407  | 0.45   | cps   |
| Scandium   | 45-1  | 5178104  | 5109730  | 5002929  | 5096921  | 1.73   | cps   |
| Scandium   | 45-2  | 35197    | 34529    | 34593    | 34773    | 1.06   | cps   |
| Selenium   | 77-2  | 0        | 0        | 0        | 0        | 0.00   | cps   |
| Selenium   | 78-2  | 2        | 2        | 0        | 1        | 86.60  | cps   |
| Selenium   | 82-1  | 55       | -9       | -16      | 10       | 387.89 | cps   |
| Silicon    | 28-1  | 273129   | 274174   | 274213   | 273839   | 0.22   | cps   |
| Silver     | 109-1 | 133      | 175      | 208      | 172      | 21.82  | cps   |
| Silver     | 107-1 | 225      | 175      | 333      | 244      | 33.11  | cps   |
| Sodium     | 23-2  | 3284     | 3109     | 3242     | 3212     | 2.85   | cps   |
| Strontium  | 86-1  | 558      | 517      | 475      | 517      | 8.06   | cps   |
| Strontium  | 88-1  | 167      | 175      | 192      | 178      | 7.16   | cps   |
| Sulfur     | 34-1  | 333397   | 331487   | 331600   | 332161   | 0.32   | cps   |
| Terbium    | 159-1 | 13025352 | 13134267 | 12979596 | 13046405 | 0.61   | cps   |
| Terbium    | 159-2 | 2385130  | 2396913  | 2339328  | 2373790  | 1.28   | cps   |
| Thallium   | 203-1 | 458      | 542      | 542      | 514      | 9.36   | cps   |
| Thallium   | 205-1 | 1108     | 1083     | 1092     | 1095     | 1.16   | cps   |
| Tin        | 118-1 | 1408     | 1825     | 1533     | 1589     | 13.46  | cps   |
| Titanium   | 47-1  | 167      | 167      | 183      | 172      | 5.59   | cps   |
| Uranium    | 238-1 | 25       | 8        | 17       | 17       | 50.01  | cps   |
| Vanadium   | 51-2  | 7        | 0        | 13       | 7        | 99.98  | cps   |
| Yttrium    | 89-1  | 9504017  | 9409040  | 9326290  | 9413115  | 0.94   | cps   |
| Yttrium    | 89-2  | 256695   | 254812   | 254020   | 255175   | 0.54   | cps   |
| Zinc       | 66-2  | 143      | 100      | 117      | 120      | 18.22  | cps   |

|                         |                     |                   |                     |
|-------------------------|---------------------|-------------------|---------------------|
| LB Number :             | LB97237             | Operator :        | Jaswal              |
| Lab Sample ID :         | PB111917BLRE        | Instrumnet Name : | P8                  |
| Client Sample ID :      | PB111917BLRE        | Dilution Factor : | 1                   |
| Date & Time Acquired :: | 2018-08-10 17:19:17 | DataFile Name :   | 087CCBE_P8081018-MS |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|-----------|------|------|------|------|---------|--------|-------|
| Zirconium | 90-1 | 800  | 675  | 700  | 725     | 9.12   | cps   |
| Zirconium | 91-1 | 208  | 158  | 167  | 178     | 15.07  | cps   |

|                         |                     |                   |                     |
|-------------------------|---------------------|-------------------|---------------------|
| LB Number :             | LB97237             | Operator :        | Jaswal              |
| Lab Sample ID :         | PB111917BSRE        | Instrumnet Name : | P8                  |
| Client Sample ID :      | PB111917BSRE        | Dilution Factor : | 1                   |
| Date & Time Acquired :: | 2018-08-10 17:22:38 | DataFile Name :   | 088LCS6_P8081018-MS |

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|------------|-------|----------|----------|----------|----------|--------|-------|
| Aluminium  | 27-2  | 193      | 198      | 190      | 193      | 1.97   | cps   |
| Antimony   | 121-1 | 34805    | 32958    | 34320    | 34028    | 2.81   | cps   |
| Arsenic    | 75-2  | 178      | 156      | 139      | 157      | 12.39  | cps   |
| Barium     | 135-1 | 35891    | 34930    | 34872    | 35231    | 1.62   | cps   |
| Barium     | 137-1 | 62817    | 61811    | 62683    | 62437    | 0.87   | cps   |
| Beryllium  | 9-1   | 2239     | 2361     | 2339     | 2313     | 2.82   | cps   |
| Bismuth    | 209-1 | 8519273  | 8502140  | 8227062  | 8416158  | 1.95   | cps   |
| Bismuth    | 209-2 | 2152465  | 2134814  | 2180648  | 2155976  | 1.07   | cps   |
| Boron      | 10-1  | 5510     | 6043     | 6085     | 5879     | 5.46   | cps   |
| Boron      | 11-1  | 27093    | 27043    | 28379    | 27505    | 2.75   | cps   |
| Cadmium    | 111-1 | 4690     | 4990     | 4703     | 4794     | 3.53   | cps   |
| Cadmium    | 106-1 | 2209     | 2409     | 2075     | 2231     | 7.52   | cps   |
| Cadmium    | 108-1 | 271      | 288      | 250      | 269      | 6.97   | cps   |
| Calcium    | 43-1  | 16644    | 17562    | 17370    | 17192    | 2.82   | cps   |
| Calcium    | 44-1  | 286062   | 286945   | 286928   | 286645   | 0.18   | cps   |
| Chromium   | 52-2  | 3210     | 3090     | 3177     | 3159     | 1.96   | cps   |
| Cobalt     | 59-2  | 3024     | 3067     | 2867     | 2986     | 3.52   | cps   |
| Copper     | 63-2  | 5868     | 6225     | 5728     | 5940     | 4.31   | cps   |
| Dysprosium | 156-1 | 8        | 50       | 25       | 28       | 75.51  | cps   |
| Dysprosium | 156-2 | 0        | 0        | 0        | 0        | 0.00   | cps   |
| Erbium     | 164-1 | 67       | 100      | 75       | 81       | 21.54  | cps   |
| Erbium     | 164-2 | 10       | 13       | 10       | 11       | 17.30  | cps   |
| Gadolinium | 160-1 | 108      | 92       | 117      | 106      | 12.06  | cps   |
| Gadolinium | 160-2 | 3        | 3        | 0        | 2        | 86.60  | cps   |
| Holmium    | 165-1 | 12500445 | 12672118 | 12239594 | 12470719 | 1.75   | cps   |
| Holmium    | 165-2 | 2572346  | 2495932  | 2570577  | 2546285  | 1.71   | cps   |
| Indium     | 115-1 | 9355175  | 9442333  | 9147082  | 9314863  | 1.63   | cps   |
| Indium     | 115-2 | 359315   | 353849   | 358870   | 357345   | 0.85   | cps   |
| Iron       | 56-2  | 224986   | 223891   | 222761   | 223879   | 0.50   | cps   |
| Iron       | 57-2  | 5662     | 5268     | 5618     | 5516     | 3.92   | cps   |
| Krypton    | 83-1  | 333      | 287      | 327      | 316      | 8.00   | cps   |
| Lead       | 206-1 | 12857    | 12773    | 12629    | 12753    | 0.90   | cps   |
| Lead       | 207-1 | 11228    | 11578    | 11239    | 11348    | 1.75   | cps   |
| Lead       | 208-1 | 51386    | 51375    | 51804    | 51522    | 0.47   | cps   |
| Lithium    | 6-1   | 1508763  | 1525195  | 1479842  | 1504600  | 1.53   | cps   |
| Magnesium  | 24-2  | 24096    | 23921    | 24539    | 24185    | 1.32   | cps   |

|                         |                     |                   |                     |
|-------------------------|---------------------|-------------------|---------------------|
| LB Number :             | LB97237             | Operator :        | Jaswal              |
| Lab Sample ID :         | PB111917BSRE        | Instrumnet Name : | P8                  |
| Client Sample ID :      | PB111917BSRE        | Dilution Factor : | 1                   |
| Date & Time Acquired :: | 2018-08-10 17:22:38 | DataFile Name :   | 088LCS6_P8081018-MS |

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|------------|-------|----------|----------|----------|----------|--------|-------|
| Manganese  | 55-2  | 430      | 517      | 560      | 502      | 13.18  | cps   |
| Molybdenum | 94-1  | 27554    | 26919    | 27162    | 27212    | 1.18   | cps   |
| Molybdenum | 95-1  | 33251    | 34804    | 34228    | 34094    | 2.30   | cps   |
| Molybdenum | 96-1  | 37461    | 37963    | 37754    | 37726    | 0.67   | cps   |
| Molybdenum | 97-1  | 22419    | 21368    | 21752    | 21846    | 2.44   | cps   |
| Molybdenum | 98-1  | 54627    | 53950    | 54393    | 54323    | 0.63   | cps   |
| Neodymium  | 150-1 | 13       | 27       | 0        | 13       | 100.01 | cps   |
| Neodymium  | 150-2 | 3        | 0        | 0        | 1        | 173.21 | cps   |
| Nickel     | 60-2  | 1007     | 930      | 1080     | 1006     | 7.46   | cps   |
| Phosphorus | 31-2  | 0        | 0        | 17       | 6        | 173.21 | cps   |
| Potassium  | 39-2  | 12907    | 13991    | 13357    | 13418    | 4.06   | cps   |
| Rhodium    | 103-1 | 8628999  | 8743011  | 8397861  | 8589957  | 2.05   | cps   |
| Rhodium    | 103-2 | 2304892  | 2275915  | 2292231  | 2291013  | 0.63   | cps   |
| Scandium   | 45-1  | 5037426  | 5015250  | 4893462  | 4982046  | 1.56   | cps   |
| Scandium   | 45-2  | 36340    | 34693    | 34619    | 35218    | 2.76   | cps   |
| Selenium   | 77-2  | 3        | 0        | 3        | 2        | 86.60  | cps   |
| Selenium   | 78-2  | 9        | 15       | 19       | 14       | 32.83  | cps   |
| Selenium   | 82-1  | 1051     | 1137     | 1046     | 1078     | 4.74   | cps   |
| Silicon    | 28-1  | 375056   | 377565   | 380139   | 377587   | 0.67   | cps   |
| Silver     | 109-1 | 17170    | 17729    | 16970    | 17290    | 2.28   | cps   |
| Silver     | 107-1 | 19281    | 17754    | 17821    | 18285    | 4.72   | cps   |
| Sodium     | 23-2  | 56848    | 55810    | 57132    | 56597    | 1.23   | cps   |
| Strontium  | 86-1  | 4534     | 4593     | 4718     | 4615     | 2.03   | cps   |
| Strontium  | 88-1  | 36834    | 37085    | 37937    | 37285    | 1.55   | cps   |
| Sulfur     | 34-1  | 333715   | 336024   | 334233   | 334658   | 0.36   | cps   |
| Terbium    | 159-1 | 12834119 | 12949662 | 12434110 | 12739297 | 2.12   | cps   |
| Terbium    | 159-2 | 2440233  | 2387498  | 2416258  | 2414663  | 1.09   | cps   |
| Thallium   | 203-1 | 15735    | 14876    | 15360    | 15324    | 2.81   | cps   |
| Thallium   | 205-1 | 36520    | 36913    | 36404    | 36612    | 0.73   | cps   |
| Tin        | 118-1 | 70554    | 59382    | 59014    | 62984    | 10.41  | cps   |
| Titanium   | 47-1  | 8561     | 8453     | 8386     | 8467     | 1.04   | cps   |
| Uranium    | 238-1 | 47843    | 49291    | 48329    | 48488    | 1.52   | cps   |
| Vanadium   | 51-2  | 4694     | 4624     | 4628     | 4649     | 0.85   | cps   |
| Yttrium    | 89-1  | 9231468  | 9434316  | 9023072  | 9229618  | 2.23   | cps   |
| Yttrium    | 89-2  | 262692   | 257603   | 259727   | 260007   | 0.98   | cps   |
| Zinc       | 66-2  | 550      | 547      | 633      | 577      | 8.52   | cps   |

|                         |                     |                   |                     |
|-------------------------|---------------------|-------------------|---------------------|
| LB Number :             | LB97237             | Operator :        | Jaswal              |
| Lab Sample ID :         | PB111917BSRE        | Instrumnet Name : | P8                  |
| Client Sample ID :      | PB111917BSRE        | Dilution Factor : | 1                   |
| Date & Time Acquired :: | 2018-08-10 17:22:38 | DataFile Name :   | 088LCS6_P8081018-MS |

| Parameter | Mass | CPS1  | CPS2  | CPS3  | CPSMean | CPSRSD | Units |
|-----------|------|-------|-------|-------|---------|--------|-------|
| Zirconium | 90-1 | 21835 | 22987 | 23605 | 22809   | 3.94   | cps   |
| Zirconium | 91-1 | 5185  | 5126  | 5068  | 5126    | 1.14   | cps   |

|                         |                     |                   |                      |
|-------------------------|---------------------|-------------------|----------------------|
| LB Number :             | LB97237             | Operator :        | Jaswal               |
| Lab Sample ID :         | CCV96               | Instrumnet Name : | P8                   |
| Client Sample ID :      | CCV96               | Dilution Factor : | 1                    |
| Date & Time Acquired :: | 2018-08-10 17:25:58 | DataFile Name :   | 089CCV_P8081018-MS.I |

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|------------|-------|----------|----------|----------|----------|--------|-------|
| Aluminium  | 27-2  | 274434   | 271192   | 273182   | 272936   | 0.60   | cps   |
| Antimony   | 121-1 | 4541068  | 4485992  | 4550492  | 4525851  | 0.77   | cps   |
| Arsenic    | 75-2  | 41035    | 40021    | 40264    | 40440    | 1.31   | cps   |
| Barium     | 135-1 | 4866944  | 4806757  | 4830903  | 4834868  | 0.63   | cps   |
| Barium     | 137-1 | 8346119  | 8429172  | 8406956  | 8394082  | 0.51   | cps   |
| Beryllium  | 9-1   | 549648   | 548747   | 553214   | 550536   | 0.43   | cps   |
| Bismuth    | 209-1 | 8096660  | 8265698  | 7557290  | 7973216  | 4.64   | cps   |
| Bismuth    | 209-2 | 2036304  | 2027256  | 1972660  | 2012073  | 1.71   | cps   |
| Boron      | 10-1  | 62721    | 66011    | 64681    | 64471    | 2.57   | cps   |
| Boron      | 11-1  | 299270   | 304169   | 311039   | 304826   | 1.94   | cps   |
| Cadmium    | 111-1 | 909695   | 908008   | 916335   | 911346   | 0.48   | cps   |
| Cadmium    | 106-1 | 98894    | 97349    | 98550    | 98265    | 0.83   | cps   |
| Cadmium    | 108-1 | 65914    | 65885    | 66648    | 66149    | 0.65   | cps   |
| Calcium    | 43-1  | 4523046  | 4630789  | 4589557  | 4581131  | 1.19   | cps   |
| Calcium    | 44-1  | 74360548 | 73879922 | 73886997 | 74042489 | 0.37   | cps   |
| Chromium   | 52-2  | 359115   | 358320   | 358990   | 358808   | 0.12   | cps   |
| Cobalt     | 59-2  | 759113   | 749346   | 756568   | 755009   | 0.67   | cps   |
| Copper     | 63-2  | 1262234  | 1258344  | 1273280  | 1264619  | 0.61   | cps   |
| Dysprosium | 156-1 | 108      | 92       | 175      | 125      | 35.28  | cps   |
| Dysprosium | 156-2 | 10       | 17       | 13       | 13       | 25.01  | cps   |
| Erbium     | 164-1 | 50       | 58       | 42       | 50       | 16.67  | cps   |
| Erbium     | 164-2 | 7        | 7        | 10       | 8        | 24.71  | cps   |
| Gadolinium | 160-1 | 17       | 92       | 83       | 64       | 64.34  | cps   |
| Gadolinium | 160-2 | 43       | 10       | 13       | 22       | 82.62  | cps   |
| Holmium    | 165-1 | 12758375 | 12941570 | 11876976 | 12525641 | 4.54   | cps   |
| Holmium    | 165-2 | 2622019  | 2548597  | 2515355  | 2561990  | 2.13   | cps   |
| Indium     | 115-1 | 9113769  | 9143780  | 8399152  | 8885567  | 4.74   | cps   |
| Indium     | 115-2 | 350012   | 346104   | 339079   | 345065   | 1.61   | cps   |
| Iron       | 56-2  | 59028469 | 58665482 | 59103972 | 58932641 | 0.40   | cps   |
| Iron       | 57-2  | 1492306  | 1482028  | 1498402  | 1490912  | 0.56   | cps   |
| Krypton    | 83-1  | 253      | 320      | 250      | 274      | 14.39  | cps   |
| Lead       | 206-1 | 3185956  | 3196246  | 3222506  | 3201569  | 0.59   | cps   |
| Lead       | 207-1 | 2979276  | 2892527  | 2919837  | 2930547  | 1.51   | cps   |
| Lead       | 208-1 | 13109694 | 13076509 | 13119926 | 13102043 | 0.17   | cps   |
| Lithium    | 6-1   | 1507263  | 1584581  | 1444878  | 1512241  | 4.63   | cps   |
| Magnesium  | 24-2  | 6416571  | 6337750  | 6399673  | 6384665  | 0.65   | cps   |



|                         |                     |                   |                      |
|-------------------------|---------------------|-------------------|----------------------|
| LB Number :             | LB97237             | Operator :        | Jaswal               |
| Lab Sample ID :         | CCV96               | Instrumnet Name : | P8                   |
| Client Sample ID :      | CCV96               | Dilution Factor : | 1                    |
| Date & Time Acquired :: | 2018-08-10 17:25:58 | DataFile Name :   | 089CCV_P8081018-MS.I |

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|------------|-------|----------|----------|----------|----------|--------|-------|
| Manganese  | 55-2  | 195578   | 193551   | 195743   | 194958   | 0.63   | cps   |
| Molybdenum | 94-1  | 7472359  | 7456549  | 7522351  | 7483753  | 0.46   | cps   |
| Molybdenum | 95-1  | 9009481  | 9083874  | 9239116  | 9110824  | 1.29   | cps   |
| Molybdenum | 96-1  | 10270268 | 10295906 | 10303397 | 10289857 | 0.17   | cps   |
| Molybdenum | 97-1  | 5765343  | 5760138  | 5809616  | 5778366  | 0.47   | cps   |
| Molybdenum | 98-1  | 14612162 | 14628436 | 14739888 | 14660162 | 0.47   | cps   |
| Neodymium  | 150-1 | 293      | 200      | 233      | 242      | 19.53  | cps   |
| Neodymium  | 150-2 | 3        | 17       | 10       | 10       | 66.70  | cps   |
| Nickel     | 60-2  | 222420   | 222440   | 223551   | 222804   | 0.29   | cps   |
| Phosphorus | 31-2  | 3059     | 3184     | 3125     | 3123     | 2.00   | cps   |
| Potassium  | 39-2  | 1604325  | 1628581  | 1619001  | 1617302  | 0.76   | cps   |
| Rhodium    | 103-1 | 8218767  | 8210272  | 7673740  | 8034260  | 3.89   | cps   |
| Rhodium    | 103-2 | 2152893  | 2121721  | 2101608  | 2125407  | 1.22   | cps   |
| Scandium   | 45-1  | 5144344  | 5200899  | 4766247  | 5037163  | 4.69   | cps   |
| Scandium   | 45-2  | 35839    | 35903    | 35298    | 35680    | 0.93   | cps   |
| Selenium   | 77-2  | 287      | 213      | 237      | 246      | 15.26  | cps   |
| Selenium   | 78-2  | 959      | 896      | 974      | 943      | 4.38   | cps   |
| Selenium   | 82-1  | 54412    | 54853    | 55013    | 54759    | 0.57   | cps   |
| Silicon    | 28-1  | 1949076  | 1975934  | 1994838  | 1973283  | 1.17   | cps   |
| Silver     | 109-1 | 4333763  | 4353707  | 4348976  | 4345482  | 0.24   | cps   |
| Silver     | 107-1 | 4630231  | 4594901  | 4578595  | 4601242  | 0.57   | cps   |
| Sodium     | 23-2  | 14406477 | 14183200 | 14262797 | 14284158 | 0.79   | cps   |
| Strontium  | 86-1  | 1126539  | 1119478  | 1118498  | 1121505  | 0.39   | cps   |
| Strontium  | 88-1  | 9801115  | 9782481  | 9807799  | 9797131  | 0.13   | cps   |
| Sulfur     | 34-1  | 599607   | 597307   | 598446   | 598453   | 0.19   | cps   |
| Terbium    | 159-1 | 13103243 | 13073737 | 12166257 | 12781079 | 4.17   | cps   |
| Terbium    | 159-2 | 2439593  | 2422705  | 2365555  | 2409285  | 1.61   | cps   |
| Thallium   | 203-1 | 3929480  | 3968695  | 3986405  | 3961527  | 0.74   | cps   |
| Thallium   | 205-1 | 9267412  | 9243213  | 9361689  | 9290772  | 0.67   | cps   |
| Tin        | 118-1 | 3160841  | 3108757  | 3114438  | 3128012  | 0.91   | cps   |
| Titanium   | 47-1  | 2305310  | 2334462  | 2325487  | 2321753  | 0.64   | cps   |
| Uranium    | 238-1 | 13049151 | 13190572 | 13224355 | 13154692 | 0.71   | cps   |
| Vanadium   | 51-2  | 260828   | 260348   | 260280   | 260485   | 0.11   | cps   |
| Yttrium    | 89-1  | 9328487  | 9389282  | 8688499  | 9135422  | 4.25   | cps   |
| Yttrium    | 89-2  | 261460   | 258578   | 258145   | 259394   | 0.69   | cps   |
| Zinc       | 66-2  | 111483   | 110845   | 112935   | 111754   | 0.96   | cps   |

|                         |                     |                   |                      |
|-------------------------|---------------------|-------------------|----------------------|
| LB Number :             | LB97237             | Operator :        | Jaswal               |
| Lab Sample ID :         | CCV96               | Instrumnet Name : | P8                   |
| Client Sample ID :      | CCV96               | Dilution Factor : | 1                    |
| Date & Time Acquired :: | 2018-08-10 17:25:58 | DataFile Name :   | 089CCV_P8081018-MS.I |

| Parameter | Mass | CPS1    | CPS2    | CPS3    | CPSMean | CPSRSD | Units |
|-----------|------|---------|---------|---------|---------|--------|-------|
| Zirconium | 90-1 | 6238118 | 6233740 | 6218717 | 6230192 | 0.16   | cps   |
| Zirconium | 91-1 | 1409569 | 1395450 | 1399518 | 1401513 | 0.52   | cps   |

|                         |                     |                   |                     |
|-------------------------|---------------------|-------------------|---------------------|
| LB Number :             | LB97237             | Operator :        | Jaswal              |
| Lab Sample ID :         | CCB96               | Instrumnet Name : | P8                  |
| Client Sample ID :      | CCB96               | Dilution Factor : | 1                   |
| Date & Time Acquired :: | 2018-08-10 17:32:51 | DataFile Name :   | 090CCBE_P8081018-M8 |

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|------------|-------|----------|----------|----------|----------|--------|-------|
| Aluminium  | 27-2  | 13       | 8        | 15       | 12       | 32.73  | cps   |
| Antimony   | 121-1 | 3351     | 3501     | 3692     | 3515     | 4.87   | cps   |
| Arsenic    | 75-2  | 9        | 6        | 6        | 7        | 31.45  | cps   |
| Barium     | 135-1 | 75       | 50       | 33       | 53       | 39.74  | cps   |
| Barium     | 137-1 | 125      | 42       | 83       | 83       | 50.00  | cps   |
| Beryllium  | 9-1   | 211      | 194      | 183      | 196      | 7.12   | cps   |
| Bismuth    | 209-1 | 8552088  | 8472756  | 8415819  | 8480221  | 0.81   | cps   |
| Bismuth    | 209-2 | 2161885  | 2090088  | 2122776  | 2124916  | 1.69   | cps   |
| Boron      | 10-1  | 1125     | 1017     | 833      | 992      | 14.87  | cps   |
| Boron      | 11-1  | 4693     | 4351     | 4276     | 4440     | 5.00   | cps   |
| Cadmium    | 111-1 | 1505     | 1461     | 1409     | 1458     | 3.32   | cps   |
| Cadmium    | 106-1 | 2134     | 2067     | 1967     | 2056     | 4.08   | cps   |
| Cadmium    | 108-1 | 25       | 33       | 8        | 22       | 57.29  | cps   |
| Calcium    | 43-1  | 600      | 567      | 408      | 525      | 19.51  | cps   |
| Calcium    | 44-1  | 12840    | 13132    | 12931    | 12968    | 1.15   | cps   |
| Chromium   | 52-2  | 330      | 340      | 313      | 328      | 4.11   | cps   |
| Cobalt     | 59-2  | 37       | 33       | 70       | 47       | 43.45  | cps   |
| Copper     | 63-2  | 650      | 590      | 627      | 622      | 4.86   | cps   |
| Dysprosium | 156-1 | 17       | 0        | 0        | 6        | 173.21 | cps   |
| Dysprosium | 156-2 | 3        | 0        | 7        | 3        | 100.05 | cps   |
| Erbium     | 164-1 | 50       | 17       | 42       | 36       | 48.03  | cps   |
| Erbium     | 164-2 | 7        | 7        | 0        | 4        | 86.60  | cps   |
| Gadolinium | 160-1 | 33       | 83       | 33       | 50       | 57.75  | cps   |
| Gadolinium | 160-2 | 3        | 3        | 7        | 4        | 43.40  | cps   |
| Holmium    | 165-1 | 12647846 | 12558625 | 12551037 | 12585836 | 0.43   | cps   |
| Holmium    | 165-2 | 2539148  | 2538754  | 2558079  | 2545327  | 0.43   | cps   |
| Indium     | 115-1 | 9605289  | 9475390  | 9406593  | 9495757  | 1.06   | cps   |
| Indium     | 115-2 | 361984   | 354920   | 356784   | 357896   | 1.02   | cps   |
| Iron       | 56-2  | 1689     | 1483     | 1300     | 1491     | 13.05  | cps   |
| Iron       | 57-2  | 28       | 33       | 33       | 31       | 10.18  | cps   |
| Krypton    | 83-1  | 377      | 257      | 300      | 311      | 19.53  | cps   |
| Lead       | 206-1 | 433      | 483      | 472      | 463      | 5.67   | cps   |
| Lead       | 207-1 | 400      | 400      | 378      | 393      | 3.27   | cps   |
| Lead       | 208-1 | 1872     | 1767     | 1739     | 1793     | 3.92   | cps   |
| Lithium    | 6-1   | 1545629  | 1544423  | 1540045  | 1543365  | 0.19   | cps   |
| Magnesium  | 24-2  | 358      | 433      | 283      | 358      | 20.93  | cps   |

|                         |                     |                   |                     |
|-------------------------|---------------------|-------------------|---------------------|
| LB Number :             | LB97237             | Operator :        | Jaswal              |
| Lab Sample ID :         | CCB96               | Instrumnet Name : | P8                  |
| Client Sample ID :      | CCB96               | Dilution Factor : | 1                   |
| Date & Time Acquired :: | 2018-08-10 17:32:51 | DataFile Name :   | 090CCBE_P8081018-M8 |

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|------------|-------|----------|----------|----------|----------|--------|-------|
| Manganese  | 55-2  | 50       | 50       | 57       | 52       | 7.37   | cps   |
| Molybdenum | 94-1  | 1342     | 1517     | 1350     | 1403     | 7.04   | cps   |
| Molybdenum | 95-1  | 1242     | 1125     | 1075     | 1147     | 7.45   | cps   |
| Molybdenum | 96-1  | 1417     | 1333     | 1233     | 1328     | 6.91   | cps   |
| Molybdenum | 97-1  | 692      | 700      | 650      | 681      | 3.94   | cps   |
| Molybdenum | 98-1  | 1742     | 1534     | 1709     | 1661     | 6.74   | cps   |
| Neodymium  | 150-1 | 7        | 0        | 7        | 4        | 86.60  | cps   |
| Neodymium  | 150-2 | 0        | 0        | 0        | 0        | 0.00   | cps   |
| Nickel     | 60-2  | 110      | 147      | 90       | 116      | 24.87  | cps   |
| Phosphorus | 31-2  | 0        | 0        | 8        | 3        | 173.21 | cps   |
| Potassium  | 39-2  | 1925     | 1675     | 1550     | 1717     | 11.12  | cps   |
| Rhodium    | 103-1 | 8885296  | 8729595  | 8726975  | 8780622  | 1.03   | cps   |
| Rhodium    | 103-2 | 2305383  | 2266337  | 2287563  | 2286428  | 0.85   | cps   |
| Scandium   | 45-1  | 5153489  | 5095335  | 5161076  | 5136633  | 0.70   | cps   |
| Scandium   | 45-2  | 36645    | 35328    | 35752    | 35908    | 1.87   | cps   |
| Selenium   | 77-2  | 0        | 0        | 0        | 0        | 0.00   | cps   |
| Selenium   | 78-2  | 0        | 0        | 2        | 1        | 173.21 | cps   |
| Selenium   | 82-1  | -30      | 47       | 0        | 6        | 672.27 | cps   |
| Silicon    | 28-1  | 273204   | 277912   | 277274   | 276130   | 0.93   | cps   |
| Silver     | 109-1 | 200      | 317      | 192      | 236      | 29.60  | cps   |
| Silver     | 107-1 | 292      | 250      | 342      | 294      | 15.59  | cps   |
| Sodium     | 23-2  | 4684     | 4734     | 4426     | 4615     | 3.59   | cps   |
| Strontium  | 86-1  | 575      | 533      | 458      | 522      | 11.32  | cps   |
| Strontium  | 88-1  | 192      | 250      | 242      | 228      | 13.85  | cps   |
| Sulfur     | 34-1  | 327379   | 330575   | 329646   | 329200   | 0.50   | cps   |
| Terbium    | 159-1 | 12904623 | 12898391 | 12925213 | 12909409 | 0.11   | cps   |
| Terbium    | 159-2 | 2443543  | 2344735  | 2424288  | 2404189  | 2.18   | cps   |
| Thallium   | 203-1 | 683      | 592      | 733      | 669      | 10.73  | cps   |
| Thallium   | 205-1 | 1667     | 1550     | 1534     | 1584     | 4.59   | cps   |
| Tin        | 118-1 | 2575     | 2084     | 2334     | 2331     | 10.55  | cps   |
| Titanium   | 47-1  | 100      | 117      | 75       | 97       | 21.57  | cps   |
| Uranium    | 238-1 | 125      | 100      | 92       | 106      | 16.44  | cps   |
| Vanadium   | 51-2  | 3        | 0        | 0        | 1        | 173.21 | cps   |
| Yttrium    | 89-1  | 9450618  | 9432138  | 9445662  | 9442806  | 0.10   | cps   |
| Yttrium    | 89-2  | 265032   | 258156   | 260635   | 261274   | 1.33   | cps   |
| Zinc       | 66-2  | 117      | 83       | 103      | 101      | 16.59  | cps   |

|                         |                     |                   |                     |
|-------------------------|---------------------|-------------------|---------------------|
| LB Number :             | LB97237             | Operator :        | Jaswal              |
| Lab Sample ID :         | CCB96               | Instrumnet Name : | P8                  |
| Client Sample ID :      | CCB96               | Dilution Factor : | 1                   |
| Date & Time Acquired :: | 2018-08-10 17:32:51 | DataFile Name :   | 090CCBE_P8081018-MS |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|-----------|------|------|------|------|---------|--------|-------|
| Zirconium | 90-1 | 2450 | 2100 | 2292 | 2281    | 7.69   | cps   |
| Zirconium | 91-1 | 533  | 533  | 442  | 503     | 10.53  | cps   |

|                         |                     |                   |                     |
|-------------------------|---------------------|-------------------|---------------------|
| LB Number :             | LB97237             | Operator :        | Jaswal              |
| Lab Sample ID :         | PB111953BL          | Instrumnet Name : | P8                  |
| Client Sample ID :      | PB111953BL          | Dilution Factor : | 1                   |
| Date & Time Acquired :: | 2018-08-10 17:37:00 | DataFile Name :   | 091CCBE_P8081018-M8 |

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|------------|-------|----------|----------|----------|----------|--------|-------|
| Aluminium  | 27-2  | 15       | 3        | 10       | 9        | 68.63  | cps   |
| Antimony   | 121-1 | 1742     | 1583     | 1717     | 1681     | 5.07   | cps   |
| Arsenic    | 75-2  | 4        | 0        | 4        | 2        | 86.60  | cps   |
| Barium     | 135-1 | 33       | 33       | 25       | 31       | 15.74  | cps   |
| Barium     | 137-1 | 42       | 75       | 67       | 61       | 28.38  | cps   |
| Beryllium  | 9-1   | 139      | 167      | 183      | 163      | 13.78  | cps   |
| Bismuth    | 209-1 | 8420737  | 8552374  | 8669783  | 8547631  | 1.46   | cps   |
| Bismuth    | 209-2 | 2187433  | 2147304  | 2119749  | 2151495  | 1.58   | cps   |
| Boron      | 10-1  | 667      | 675      | 617      | 653      | 4.83   | cps   |
| Boron      | 11-1  | 3117     | 2950     | 2950     | 3006     | 3.20   | cps   |
| Cadmium    | 111-1 | 1336     | 1460     | 1462     | 1419     | 5.09   | cps   |
| Cadmium    | 106-1 | 1875     | 2042     | 2042     | 1986     | 4.85   | cps   |
| Cadmium    | 108-1 | 8        | 4        | 13       | 8        | 49.98  | cps   |
| Calcium    | 43-1  | 367      | 458      | 483      | 436      | 14.08  | cps   |
| Calcium    | 44-1  | 13007    | 12823    | 13115    | 12982    | 1.14   | cps   |
| Chromium   | 52-2  | 333      | 300      | 323      | 319      | 5.36   | cps   |
| Cobalt     | 59-2  | 33       | 37       | 37       | 36       | 5.42   | cps   |
| Copper     | 63-2  | 667      | 560      | 647      | 624      | 9.08   | cps   |
| Dysprosium | 156-1 | 8        | 33       | 0        | 14       | 124.91 | cps   |
| Dysprosium | 156-2 | 0        | 7        | 0        | 2        | 173.21 | cps   |
| Erbium     | 164-1 | 42       | 50       | 50       | 47       | 10.18  | cps   |
| Erbium     | 164-2 | 13       | 10       | 0        | 8        | 89.21  | cps   |
| Gadolinium | 160-1 | 33       | 83       | 100      | 72       | 48.05  | cps   |
| Gadolinium | 160-2 | 7        | 10       | 0        | 6        | 91.64  | cps   |
| Holmium    | 165-1 | 12567765 | 12640398 | 12822893 | 12677019 | 1.04   | cps   |
| Holmium    | 165-2 | 2580649  | 2534756  | 2546926  | 2554110  | 0.93   | cps   |
| Indium     | 115-1 | 9494578  | 9468502  | 9544616  | 9502565  | 0.41   | cps   |
| Indium     | 115-2 | 364960   | 362515   | 356047   | 361174   | 1.28   | cps   |
| Iron       | 56-2  | 1156     | 1172     | 989      | 1106     | 9.17   | cps   |
| Iron       | 57-2  | 39       | 44       | 39       | 41       | 7.88   | cps   |
| Krypton    | 83-1  | 343      | 333      | 330      | 336      | 2.07   | cps   |
| Lead       | 206-1 | 494      | 461      | 422      | 459      | 7.87   | cps   |
| Lead       | 207-1 | 411      | 428      | 361      | 400      | 8.67   | cps   |
| Lead       | 208-1 | 1811     | 1828     | 1778     | 1806     | 1.41   | cps   |
| Lithium    | 6-1   | 1508897  | 1535967  | 1547958  | 1530941  | 1.31   | cps   |
| Magnesium  | 24-2  | 325      | 258      | 258      | 281      | 13.72  | cps   |

|                         |                     |                   |                     |
|-------------------------|---------------------|-------------------|---------------------|
| LB Number :             | LB97237             | Operator :        | Jaswal              |
| Lab Sample ID :         | PB111953BL          | Instrumnet Name : | P8                  |
| Client Sample ID :      | PB111953BL          | Dilution Factor : | 1                   |
| Date & Time Acquired :: | 2018-08-10 17:37:00 | DataFile Name :   | 091CCBE_P8081018-M8 |

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|------------|-------|----------|----------|----------|----------|--------|-------|
| Manganese  | 55-2  | 43       | 73       | 47       | 54       | 30.21  | cps   |
| Molybdenum | 94-1  | 892      | 925      | 883      | 900      | 2.45   | cps   |
| Molybdenum | 95-1  | 408      | 383      | 458      | 417      | 9.16   | cps   |
| Molybdenum | 96-1  | 592      | 575      | 617      | 594      | 3.53   | cps   |
| Molybdenum | 97-1  | 250      | 350      | 300      | 300      | 16.67  | cps   |
| Molybdenum | 98-1  | 717      | 600      | 717      | 678      | 9.94   | cps   |
| Neodymium  | 150-1 | 7        | 7        | 0        | 4        | 86.60  | cps   |
| Neodymium  | 150-2 | 0        | 0        | 0        | 0        | 0.00   | cps   |
| Nickel     | 60-2  | 120      | 143      | 133      | 132      | 8.86   | cps   |
| Phosphorus | 31-2  | 0        | 0        | 0        | 0        | 0.00   | cps   |
| Potassium  | 39-2  | 1784     | 1692     | 1634     | 1703     | 4.44   | cps   |
| Rhodium    | 103-1 | 8796638  | 8772475  | 8925085  | 8831399  | 0.93   | cps   |
| Rhodium    | 103-2 | 2324635  | 2325912  | 2285963  | 2312170  | 0.98   | cps   |
| Scandium   | 45-1  | 5154946  | 5217673  | 5274760  | 5215793  | 1.15   | cps   |
| Scandium   | 45-2  | 36952    | 36090    | 36361    | 36467    | 1.21   | cps   |
| Selenium   | 77-2  | 0        | 0        | 0        | 0        | 0.00   | cps   |
| Selenium   | 78-2  | 2        | 0        | 2        | 1        | 86.60  | cps   |
| Selenium   | 82-1  | -15      | -43      | -29      | -29      | -48.79 | cps   |
| Silicon    | 28-1  | 278608   | 274582   | 274044   | 275745   | 0.90   | cps   |
| Silver     | 109-1 | 258      | 258      | 275      | 264      | 3.64   | cps   |
| Silver     | 107-1 | 258      | 275      | 225      | 253      | 10.07  | cps   |
| Sodium     | 23-2  | 4109     | 4209     | 4167     | 4162     | 1.21   | cps   |
| Strontium  | 86-1  | 550      | 500      | 550      | 533      | 5.41   | cps   |
| Strontium  | 88-1  | 208      | 200      | 233      | 214      | 8.11   | cps   |
| Sulfur     | 34-1  | 334601   | 333553   | 333854   | 334003   | 0.16   | cps   |
| Terbium    | 159-1 | 12907809 | 12942169 | 13049609 | 12966529 | 0.57   | cps   |
| Terbium    | 159-2 | 2461077  | 2397842  | 2401121  | 2420013  | 1.47   | cps   |
| Thallium   | 203-1 | 517      | 508      | 508      | 511      | 0.94   | cps   |
| Thallium   | 205-1 | 1450     | 1275     | 1083     | 1270     | 14.45  | cps   |
| Tin        | 118-1 | 1759     | 1675     | 2142     | 1859     | 13.39  | cps   |
| Titanium   | 47-1  | 42       | 125      | 83       | 83       | 50.00  | cps   |
| Uranium    | 238-1 | 42       | 58       | 17       | 39       | 53.93  | cps   |
| Vanadium   | 51-2  | 3        | 0        | 3        | 2        | 86.60  | cps   |
| Yttrium    | 89-1  | 9445023  | 9528896  | 9610891  | 9528270  | 0.87   | cps   |
| Yttrium    | 89-2  | 266812   | 264848   | 265160   | 265606   | 0.40   | cps   |
| Zinc       | 66-2  | 180      | 140      | 123      | 148      | 19.71  | cps   |

|                         |                     |                   |                     |
|-------------------------|---------------------|-------------------|---------------------|
| LB Number :             | LB97237             | Operator :        | Jaswal              |
| Lab Sample ID :         | PB111953BL          | Instrumnet Name : | P8                  |
| Client Sample ID :      | PB111953BL          | Dilution Factor : | 1                   |
| Date & Time Acquired :: | 2018-08-10 17:37:00 | DataFile Name :   | 091CCBE_P8081018-MS |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|-----------|------|------|------|------|---------|--------|-------|
| Zirconium | 90-1 | 2075 | 1992 | 1859 | 1975    | 5.53   | cps   |
| Zirconium | 91-1 | 475  | 542  | 342  | 453     | 22.49  | cps   |



|                         |                     |                   |                     |
|-------------------------|---------------------|-------------------|---------------------|
| LB Number :             | LB97237             | Operator :        | Jaswal              |
| Lab Sample ID :         | PB111953BS          | Instrumnet Name : | P8                  |
| Client Sample ID :      | PB111953BS          | Dilution Factor : | 1                   |
| Date & Time Acquired :: | 2018-08-10 17:40:21 | DataFile Name :   | 092LCS6_P8081018-MS |

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|------------|-------|----------|----------|----------|----------|--------|-------|
| Aluminium  | 27-2  | 51285    | 51473    | 51463    | 51407    | 0.21   | cps   |
| Antimony   | 121-1 | 4587227  | 4560780  | 4578752  | 4575586  | 0.30   | cps   |
| Arsenic    | 75-2  | 41365    | 41284    | 41057    | 41235    | 0.39   | cps   |
| Barium     | 135-1 | 4836130  | 4839190  | 4816190  | 4830503  | 0.26   | cps   |
| Barium     | 137-1 | 8465429  | 8410405  | 8345623  | 8407152  | 0.71   | cps   |
| Beryllium  | 9-1   | 539289   | 540487   | 537275   | 539017   | 0.30   | cps   |
| Bismuth    | 209-1 | 8587362  | 8658860  | 8553804  | 8600009  | 0.62   | cps   |
| Bismuth    | 209-2 | 2119270  | 2075576  | 2107762  | 2100869  | 1.08   | cps   |
| Boron      | 10-1  | 59767    | 61357    | 62956    | 61360    | 2.60   | cps   |
| Boron      | 11-1  | 281929   | 286617   | 295902   | 288149   | 2.47   | cps   |
| Cadmium    | 111-1 | 940961   | 946813   | 941139   | 942971   | 0.35   | cps   |
| Cadmium    | 106-1 | 100212   | 102614   | 100993   | 101273   | 1.21   | cps   |
| Cadmium    | 108-1 | 68151    | 68267    | 67313    | 67910    | 0.77   | cps   |
| Calcium    | 43-1  | 914874   | 909426   | 917547   | 913949   | 0.45   | cps   |
| Calcium    | 44-1  | 15091719 | 15025059 | 15057740 | 15058173 | 0.22   | cps   |
| Chromium   | 52-2  | 349415   | 352975   | 351984   | 351458   | 0.52   | cps   |
| Cobalt     | 59-2  | 765866   | 770037   | 772673   | 769525   | 0.45   | cps   |
| Copper     | 63-2  | 1329446  | 1331279  | 1327013  | 1329246  | 0.16   | cps   |
| Dysprosium | 156-1 | 58       | 25       | 58       | 47       | 40.76  | cps   |
| Dysprosium | 156-2 | 3        | 0        | 0        | 1        | 173.21 | cps   |
| Erbium     | 164-1 | 75       | 58       | 83       | 72       | 17.62  | cps   |
| Erbium     | 164-2 | 10       | 0        | 7        | 6        | 91.64  | cps   |
| Gadolinium | 160-1 | 42       | 108      | 42       | 64       | 60.24  | cps   |
| Gadolinium | 160-2 | 20       | 10       | 7        | 12       | 56.76  | cps   |
| Holmium    | 165-1 | 13061185 | 13128430 | 12938768 | 13042794 | 0.74   | cps   |
| Holmium    | 165-2 | 2575995  | 2532102  | 2589082  | 2565726  | 1.16   | cps   |
| Indium     | 115-1 | 9480607  | 9628668  | 9438285  | 9515853  | 1.05   | cps   |
| Indium     | 115-2 | 357101   | 351606   | 356406   | 355037   | 0.84   | cps   |
| Iron       | 56-2  | 11899930 | 11939454 | 11996174 | 11945186 | 0.40   | cps   |
| Iron       | 57-2  | 299656   | 298275   | 301052   | 299661   | 0.46   | cps   |
| Krypton    | 83-1  | 367      | 303      | 317      | 329      | 10.15  | cps   |
| Lead       | 206-1 | 3236601  | 3231753  | 3239788  | 3236047  | 0.13   | cps   |
| Lead       | 207-1 | 2932820  | 2924610  | 2929586  | 2929005  | 0.14   | cps   |
| Lead       | 208-1 | 13201003 | 13219311 | 13147804 | 13189373 | 0.28   | cps   |
| Lithium    | 6-1   | 1542487  | 1569144  | 1537320  | 1549650  | 1.10   | cps   |
| Magnesium  | 24-2  | 1341875  | 1336427  | 1317246  | 1331849  | 0.97   | cps   |

|                         |                     |                   |                     |
|-------------------------|---------------------|-------------------|---------------------|
| LB Number :             | LB97237             | Operator :        | Jaswal              |
| Lab Sample ID :         | PB111953BS          | Instrumnet Name : | P8                  |
| Client Sample ID :      | PB111953BS          | Dilution Factor : | 1                   |
| Date & Time Acquired :: | 2018-08-10 17:40:21 | DataFile Name :   | 092LCS6_P8081018-MS |

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|------------|-------|----------|----------|----------|----------|--------|-------|
| Manganese  | 55-2  | 196733   | 197004   | 196606   | 196781   | 0.10   | cps   |
| Molybdenum | 94-1  | 7409197  | 7494676  | 7443630  | 7449168  | 0.58   | cps   |
| Molybdenum | 95-1  | 9058284  | 9128612  | 9118532  | 9101809  | 0.42   | cps   |
| Molybdenum | 96-1  | 10144813 | 10236973 | 10093342 | 10158376 | 0.72   | cps   |
| Molybdenum | 97-1  | 5819380  | 5804479  | 5744687  | 5789515  | 0.68   | cps   |
| Molybdenum | 98-1  | 14754387 | 14770555 | 14617034 | 14713992 | 0.57   | cps   |
| Neodymium  | 150-1 | 267      | 200      | 167      | 211      | 24.12  | cps   |
| Neodymium  | 150-2 | 7        | 0        | 13       | 7        | 99.98  | cps   |
| Nickel     | 60-2  | 223620   | 224299   | 224265   | 224061   | 0.17   | cps   |
| Phosphorus | 31-2  | 3092     | 3117     | 3042     | 3084     | 1.24   | cps   |
| Potassium  | 39-2  | 317626   | 319648   | 319760   | 319011   | 0.38   | cps   |
| Rhodium    | 103-1 | 8644717  | 8804548  | 8584680  | 8677982  | 1.31   | cps   |
| Rhodium    | 103-2 | 2270318  | 2217067  | 2251985  | 2246456  | 1.20   | cps   |
| Scandium   | 45-1  | 5267614  | 5341611  | 5238900  | 5282708  | 1.00   | cps   |
| Scandium   | 45-2  | 37026    | 35933    | 36020    | 36326    | 1.67   | cps   |
| Selenium   | 77-2  | 300      | 260      | 273      | 278      | 7.33   | cps   |
| Selenium   | 78-2  | 937      | 948      | 956      | 947      | 0.98   | cps   |
| Selenium   | 82-1  | 56183    | 55928    | 55570    | 55894    | 0.55   | cps   |
| Silicon    | 28-1  | 1963899  | 1927426  | 1968998  | 1953441  | 1.16   | cps   |
| Silver     | 109-1 | 4518779  | 4477826  | 4485793  | 4494133  | 0.48   | cps   |
| Silver     | 107-1 | 4718482  | 4717775  | 4721027  | 4719095  | 0.04   | cps   |
| Sodium     | 23-2  | 2941244  | 2928776  | 2942854  | 2937625  | 0.26   | cps   |
| Strontium  | 86-1  | 1117902  | 1128429  | 1124953  | 1123761  | 0.48   | cps   |
| Strontium  | 88-1  | 9826601  | 9854844  | 9811191  | 9830879  | 0.23   | cps   |
| Sulfur     | 34-1  | 599002   | 593474   | 590939   | 594472   | 0.69   | cps   |
| Terbium    | 159-1 | 13284363 | 13527103 | 13227895 | 13346454 | 1.19   | cps   |
| Terbium    | 159-2 | 2467600  | 2426171  | 2428388  | 2440720  | 0.95   | cps   |
| Thallium   | 203-1 | 4013931  | 3980431  | 3960823  | 3985061  | 0.67   | cps   |
| Thallium   | 205-1 | 9379750  | 9353849  | 9357083  | 9363561  | 0.15   | cps   |
| Tin        | 118-1 | 3158532  | 3162127  | 3143690  | 3154783  | 0.31   | cps   |
| Titanium   | 47-1  | 2324616  | 2310518  | 2278117  | 2304417  | 1.03   | cps   |
| Uranium    | 238-1 | 12781916 | 12788063 | 12884620 | 12818200 | 0.45   | cps   |
| Vanadium   | 51-2  | 260376   | 259167   | 260556   | 260033   | 0.29   | cps   |
| Yttrium    | 89-1  | 9605838  | 9779209  | 9655364  | 9680137  | 0.92   | cps   |
| Yttrium    | 89-2  | 264691   | 261455   | 262471   | 262872   | 0.63   | cps   |
| Zinc       | 66-2  | 114951   | 114457   | 114918   | 114775   | 0.24   | cps   |

|                         |                     |                   |                     |
|-------------------------|---------------------|-------------------|---------------------|
| LB Number :             | LB97237             | Operator :        | Jaswal              |
| Lab Sample ID :         | PB111953BS          | Instrumnet Name : | P8                  |
| Client Sample ID :      | PB111953BS          | Dilution Factor : | 1                   |
| Date & Time Acquired :: | 2018-08-10 17:40:21 | DataFile Name :   | 092LCS6_P8081018-MS |

| Parameter | Mass | CPS1    | CPS2    | CPS3    | CPSMean | CPSRSD | Units |
|-----------|------|---------|---------|---------|---------|--------|-------|
| Zirconium | 90-1 | 6130010 | 6179485 | 6190054 | 6166516 | 0.52   | cps   |
| Zirconium | 91-1 | 1362694 | 1406677 | 1396514 | 1388628 | 1.66   | cps   |

|                         |                     |                   |                     |
|-------------------------|---------------------|-------------------|---------------------|
| LB Number :             | LB97237             | Operator :        | Jaswal              |
| Lab Sample ID :         | J4379-01            | Instrumnet Name : | P8                  |
| Client Sample ID :      | FB-08072018         | Dilution Factor : | 1                   |
| Date & Time Acquired :: | 2018-08-10 17:43:32 | DataFile Name :   | 093SMPL_P8081018-MS |

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|------------|-------|----------|----------|----------|----------|--------|-------|
| Aluminium  | 27-2  | 15       | 33       | 20       | 23       | 40.07  | cps   |
| Antimony   | 121-1 | 8144     | 7227     | 7044     | 7472     | 7.89   | cps   |
| Arsenic    | 75-2  | 4        | 13       | 2        | 6        | 96.48  | cps   |
| Barium     | 135-1 | 592      | 433      | 392      | 472      | 22.34  | cps   |
| Barium     | 137-1 | 800      | 808      | 667      | 758      | 10.48  | cps   |
| Beryllium  | 9-1   | 328      | 306      | 317      | 317      | 3.51   | cps   |
| Bismuth    | 209-1 | 10189231 | 9610755  | 9397075  | 9732354  | 4.21   | cps   |
| Bismuth    | 209-2 | 2334465  | 2339514  | 2243555  | 2305844  | 2.34   | cps   |
| Boron      | 10-1  | 2534     | 2417     | 2275     | 2409     | 5.37   | cps   |
| Boron      | 11-1  | 12714    | 11980    | 11372    | 12022    | 5.59   | cps   |
| Cadmium    | 111-1 | 1664     | 1554     | 1481     | 1566     | 5.85   | cps   |
| Cadmium    | 106-1 | 2217     | 2125     | 2042     | 2128     | 4.11   | cps   |
| Cadmium    | 108-1 | 25       | 0        | 21       | 15       | 87.67  | cps   |
| Calcium    | 43-1  | 1308     | 1283     | 1175     | 1256     | 5.64   | cps   |
| Calcium    | 44-1  | 26718    | 25666    | 25783    | 26056    | 2.21   | cps   |
| Chromium   | 52-2  | 413      | 387      | 373      | 391      | 5.21   | cps   |
| Cobalt     | 59-2  | 47       | 63       | 80       | 63       | 26.31  | cps   |
| Copper     | 63-2  | 1473     | 1507     | 1317     | 1432     | 7.08   | cps   |
| Dysprosium | 156-1 | 25       | 33       | 8        | 22       | 57.29  | cps   |
| Dysprosium | 156-2 | 10       | 3        | 7        | 7        | 50.03  | cps   |
| Erbium     | 164-1 | 100      | 58       | 67       | 75       | 29.39  | cps   |
| Erbium     | 164-2 | 10       | 3        | 3        | 6        | 69.34  | cps   |
| Gadolinium | 160-1 | 42       | 75       | 50       | 56       | 31.22  | cps   |
| Gadolinium | 160-2 | 3        | 13       | 7        | 8        | 65.47  | cps   |
| Holmium    | 165-1 | 14510125 | 14310957 | 14023516 | 14281533 | 1.71   | cps   |
| Holmium    | 165-2 | 2823035  | 2823014  | 2699067  | 2781705  | 2.57   | cps   |
| Indium     | 115-1 | 10916794 | 10610958 | 10444897 | 10657550 | 2.25   | cps   |
| Indium     | 115-2 | 399253   | 397897   | 381087   | 392745   | 2.58   | cps   |
| Iron       | 56-2  | 2361     | 2217     | 2195     | 2258     | 4.01   | cps   |
| Iron       | 57-2  | 33       | 50       | 61       | 48       | 29.04  | cps   |
| Krypton    | 83-1  | 267      | 313      | 313      | 298      | 9.05   | cps   |
| Lead       | 206-1 | 756      | 733      | 939      | 809      | 13.94  | cps   |
| Lead       | 207-1 | 739      | 750      | 672      | 720      | 5.84   | cps   |
| Lead       | 208-1 | 3289     | 3456     | 3200     | 3315     | 3.91   | cps   |
| Lithium    | 6-1   | 1722847  | 1707002  | 1663768  | 1697873  | 1.80   | cps   |
| Magnesium  | 24-2  | 475      | 583      | 617      | 558      | 13.27  | cps   |

|                         |                     |                   |                     |
|-------------------------|---------------------|-------------------|---------------------|
| LB Number :             | LB97237             | Operator :        | Jaswal              |
| Lab Sample ID :         | J4379-01            | Instrumnet Name : | P8                  |
| Client Sample ID :      | FB-08072018         | Dilution Factor : | 1                   |
| Date & Time Acquired :: | 2018-08-10 17:43:32 | DataFile Name :   | 093SMPL_P8081018-MS |

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|------------|-------|----------|----------|----------|----------|--------|-------|
| Manganese  | 55-2  | 137      | 80       | 107      | 108      | 26.30  | cps   |
| Molybdenum | 94-1  | 2709     | 2442     | 2392     | 2514     | 6.77   | cps   |
| Molybdenum | 95-1  | 3901     | 3409     | 3151     | 3487     | 10.93  | cps   |
| Molybdenum | 96-1  | 4693     | 4059     | 3601     | 4117     | 13.32  | cps   |
| Molybdenum | 97-1  | 2592     | 2292     | 2267     | 2384     | 7.59   | cps   |
| Molybdenum | 98-1  | 6585     | 5635     | 4684     | 5635     | 16.87  | cps   |
| Neodymium  | 150-1 | 7        | 0        | 20       | 9        | 114.55 | cps   |
| Neodymium  | 150-2 | 3        | 0        | 0        | 1        | 173.21 | cps   |
| Nickel     | 60-2  | 150      | 127      | 147      | 141      | 8.94   | cps   |
| Phosphorus | 31-2  | 0        | 0        | 0        | 0        | 0.00   | cps   |
| Potassium  | 39-2  | 1809     | 1850     | 2059     | 1906     | 7.03   | cps   |
| Rhodium    | 103-1 | 10066823 | 9872628  | 9693616  | 9877689  | 1.89   | cps   |
| Rhodium    | 103-2 | 2541074  | 2532530  | 2417503  | 2497036  | 2.76   | cps   |
| Scandium   | 45-1  | 5978372  | 5766415  | 5642646  | 5795811  | 2.93   | cps   |
| Scandium   | 45-2  | 39857    | 39124    | 38002    | 38994    | 2.40   | cps   |
| Selenium   | 77-2  | 0        | 0        | 0        | 0        | 0.00   | cps   |
| Selenium   | 78-2  | 2        | 0        | 2        | 1        | 86.60  | cps   |
| Selenium   | 82-1  | 83       | 30       | 9        | 40       | 93.94  | cps   |
| Silicon    | 28-1  | 347270   | 345601   | 342865   | 345245   | 0.64   | cps   |
| Silver     | 109-1 | 500      | 442      | 408      | 450      | 10.31  | cps   |
| Silver     | 107-1 | 458      | 417      | 408      | 428      | 6.26   | cps   |
| Sodium     | 23-2  | 17411    | 16368    | 16201    | 16660    | 3.94   | cps   |
| Strontium  | 86-1  | 783      | 742      | 975      | 833      | 14.93  | cps   |
| Strontium  | 88-1  | 2292     | 2467     | 2334     | 2364     | 3.87   | cps   |
| Sulfur     | 34-1  | 312399   | 312296   | 313369   | 312688   | 0.19   | cps   |
| Terbium    | 159-1 | 14867840 | 14657877 | 14186711 | 14570810 | 2.39   | cps   |
| Terbium    | 159-2 | 2656530  | 2642613  | 2539919  | 2613021  | 2.44   | cps   |
| Thallium   | 203-1 | 1150     | 1125     | 833      | 1036     | 16.99  | cps   |
| Thallium   | 205-1 | 2700     | 2492     | 2234     | 2475     | 9.45   | cps   |
| Tin        | 118-1 | 12023    | 11381    | 12533    | 11979    | 4.82   | cps   |
| Titanium   | 47-1  | 208      | 300      | 225      | 244      | 19.98  | cps   |
| Uranium    | 238-1 | 458      | 558      | 325      | 447      | 26.18  | cps   |
| Vanadium   | 51-2  | 10       | 20       | 10       | 13       | 43.30  | cps   |
| Yttrium    | 89-1  | 10823327 | 10576924 | 10415635 | 10605295 | 1.94   | cps   |
| Yttrium    | 89-2  | 290772   | 288872   | 277731   | 285792   | 2.47   | cps   |
| Zinc       | 66-2  | 1007     | 1007     | 933      | 982      | 4.31   | cps   |

|                         |                     |                   |                     |
|-------------------------|---------------------|-------------------|---------------------|
| LB Number :             | LB97237             | Operator :        | Jaswal              |
| Lab Sample ID :         | J4379-01            | Instrumnet Name : | P8                  |
| Client Sample ID :      | FB-08072018         | Dilution Factor : | 1                   |
| Date & Time Acquired :: | 2018-08-10 17:43:32 | DataFile Name :   | 093SMPL_P8081018-MS |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|-----------|------|------|------|------|---------|--------|-------|
| Zirconium | 90-1 | 1100 | 950  | 1025 | 1025    | 7.32   | cps   |
| Zirconium | 91-1 | 292  | 175  | 325  | 264     | 29.85  | cps   |

|                         |                     |                   |                     |
|-------------------------|---------------------|-------------------|---------------------|
| LB Number :             | LB97237             | Operator :        | Jaswal              |
| Lab Sample ID :         | J4379-03            | Instrumnet Name : | P8                  |
| Client Sample ID :      | MW-106S             | Dilution Factor : | 1                   |
| Date & Time Acquired :: | 2018-08-10 17:46:53 | DataFile Name :   | 094SMPL_P8081018-MS |

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|------------|-------|----------|----------|----------|----------|--------|-------|
| Aluminium  | 27-2  | 23       | 50       | 40       | 38       | 37.11  | cps   |
| Antimony   | 121-1 | 27120    | 27763    | 28841    | 27908    | 3.12   | cps   |
| Arsenic    | 75-2  | 63       | 31       | 57       | 51       | 33.20  | cps   |
| Barium     | 135-1 | 257915   | 264151   | 259198   | 260421   | 1.26   | cps   |
| Barium     | 137-1 | 449991   | 457442   | 448694   | 452042   | 1.04   | cps   |
| Beryllium  | 9-1   | 206      | 172      | 211      | 196      | 10.71  | cps   |
| Bismuth    | 209-1 | 7607673  | 7975706  | 7841998  | 7808459  | 2.39   | cps   |
| Bismuth    | 209-2 | 1806821  | 1782267  | 1799999  | 1796363  | 0.71   | cps   |
| Boron      | 10-1  | 59658    | 60712    | 61206    | 60526    | 1.31   | cps   |
| Boron      | 11-1  | 280188   | 289091   | 284495   | 284591   | 1.56   | cps   |
| Cadmium    | 111-1 | 1526     | 1458     | 1358     | 1447     | 5.81   | cps   |
| Cadmium    | 106-1 | 1817     | 1767     | 1692     | 1759     | 3.58   | cps   |
| Cadmium    | 108-1 | 54       | 42       | 25       | 40       | 36.33  | cps   |
| Calcium    | 43-1  | 2799478  | 2761369  | 2765399  | 2775416  | 0.75   | cps   |
| Calcium    | 44-1  | 45517583 | 45234900 | 44987546 | 45246676 | 0.59   | cps   |
| Chromium   | 52-2  | 727      | 740      | 693      | 720      | 3.34   | cps   |
| Cobalt     | 59-2  | 110      | 113      | 130      | 118      | 9.10   | cps   |
| Copper     | 63-2  | 5475     | 5601     | 5565     | 5547     | 1.18   | cps   |
| Dysprosium | 156-1 | 50       | 117      | 58       | 75       | 48.43  | cps   |
| Dysprosium | 156-2 | 23       | 13       | 7        | 14       | 58.06  | cps   |
| Erbium     | 164-1 | 75       | 125      | 125      | 108      | 26.64  | cps   |
| Erbium     | 164-2 | 20       | 13       | 23       | 19       | 26.96  | cps   |
| Gadolinium | 160-1 | 108      | 83       | 108      | 100      | 14.43  | cps   |
| Gadolinium | 160-2 | 27       | 17       | 20       | 21       | 24.12  | cps   |
| Holmium    | 165-1 | 11233547 | 11887043 | 12088054 | 11736215 | 3.81   | cps   |
| Holmium    | 165-2 | 2194748  | 2212897  | 2217737  | 2208460  | 0.55   | cps   |
| Indium     | 115-1 | 8066200  | 8503242  | 8412690  | 8327377  | 2.77   | cps   |
| Indium     | 115-2 | 293546   | 289889   | 293547   | 292327   | 0.72   | cps   |
| Iron       | 56-2  | 89502    | 88272    | 88104    | 88626    | 0.86   | cps   |
| Iron       | 57-2  | 2339     | 2300     | 2139     | 2260     | 4.69   | cps   |
| Krypton    | 83-1  | 370      | 393      | 360      | 374      | 4.57   | cps   |
| Lead       | 206-1 | 2639     | 2273     | 2323     | 2411     | 8.25   | cps   |
| Lead       | 207-1 | 2417     | 2189     | 2117     | 2241     | 6.99   | cps   |
| Lead       | 208-1 | 10802    | 9463     | 9352     | 9872     | 8.18   | cps   |
| Lithium    | 6-1   | 1568717  | 1691176  | 1736625  | 1665506  | 5.21   | cps   |
| Magnesium  | 24-2  | 888944   | 881535   | 886082   | 885521   | 0.42   | cps   |

|                         |                     |                   |                     |
|-------------------------|---------------------|-------------------|---------------------|
| LB Number :             | LB97237             | Operator :        | Jaswal              |
| Lab Sample ID :         | J4379-03            | Instrumnet Name : | P8                  |
| Client Sample ID :      | MW-106S             | Dilution Factor : | 1                   |
| Date & Time Acquired :: | 2018-08-10 17:46:53 | DataFile Name :   | 094SMPL_P8081018-MS |

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|------------|-------|----------|----------|----------|----------|--------|-------|
| Manganese  | 55-2  | 35211    | 35004    | 34877    | 35031    | 0.48   | cps   |
| Molybdenum | 94-1  | 5877     | 5093     | 4401     | 5123     | 14.41  | cps   |
| Molybdenum | 95-1  | 2250     | 2125     | 1859     | 2078     | 9.63   | cps   |
| Molybdenum | 96-1  | 3376     | 3025     | 2809     | 3070     | 9.32   | cps   |
| Molybdenum | 97-1  | 1534     | 1717     | 1208     | 1486     | 17.32  | cps   |
| Molybdenum | 98-1  | 4026     | 3667     | 3801     | 3831     | 4.73   | cps   |
| Neodymium  | 150-1 | 93       | 80       | 100      | 91       | 11.18  | cps   |
| Neodymium  | 150-2 | 7        | 3        | 3        | 4        | 43.40  | cps   |
| Nickel     | 60-2  | 270      | 220      | 257      | 249      | 10.40  | cps   |
| Phosphorus | 31-2  | 92       | 8        | 33       | 44       | 96.23  | cps   |
| Potassium  | 39-2  | 322612   | 321350   | 322864   | 322275   | 0.25   | cps   |
| Rhodium    | 103-1 | 7139572  | 7534045  | 7455670  | 7376429  | 2.83   | cps   |
| Rhodium    | 103-2 | 1894326  | 1882053  | 1887490  | 1887957  | 0.33   | cps   |
| Scandium   | 45-1  | 4291299  | 4453832  | 4342993  | 4362708  | 1.90   | cps   |
| Scandium   | 45-2  | 28746    | 28539    | 28315    | 28534    | 0.76   | cps   |
| Selenium   | 77-2  | 3        | 0        | 3        | 2        | 86.60  | cps   |
| Selenium   | 78-2  | 2        | 2        | 2        | 2        | 0.00   | cps   |
| Selenium   | 82-1  | 209      | 160      | 167      | 179      | 14.87  | cps   |
| Silicon    | 28-1  | 33844089 | 33371956 | 33172274 | 33462773 | 1.03   | cps   |
| Silver     | 109-1 | 3467     | 3526     | 2800     | 3264     | 12.34  | cps   |
| Silver     | 107-1 | 3926     | 3484     | 3226     | 3545     | 9.99   | cps   |
| Sodium     | 23-2  | 20387416 | 20209411 | 20251443 | 20282757 | 0.46   | cps   |
| Strontium  | 86-1  | 2834153  | 2824163  | 2829589  | 2829302  | 0.18   | cps   |
| Strontium  | 88-1  | 24339693 | 24367728 | 24348519 | 24351980 | 0.06   | cps   |
| Sulfur     | 34-1  | 746963   | 744781   | 730951   | 740898   | 1.17   | cps   |
| Terbium    | 159-1 | 11474919 | 12162216 | 12278412 | 11971849 | 3.63   | cps   |
| Terbium    | 159-2 | 2091299  | 2060978  | 2111861  | 2088046  | 1.23   | cps   |
| Thallium   | 203-1 | 5568     | 4401     | 3742     | 4571     | 20.23  | cps   |
| Thallium   | 205-1 | 12966    | 10930    | 9446     | 11114    | 15.90  | cps   |
| Tin        | 118-1 | 31095    | 30285    | 28940    | 30107    | 3.62   | cps   |
| Titanium   | 47-1  | 1167     | 1358     | 1250     | 1258     | 7.64   | cps   |
| Uranium    | 238-1 | 25076    | 25953    | 27131    | 26053    | 3.96   | cps   |
| Vanadium   | 51-2  | 677      | 680      | 637      | 664      | 3.63   | cps   |
| Yttrium    | 89-1  | 7930116  | 8424643  | 8440945  | 8265234  | 3.51   | cps   |
| Yttrium    | 89-2  | 215225   | 211712   | 211775   | 212904   | 0.94   | cps   |
| Zinc       | 66-2  | 1920     | 1917     | 2044     | 1960     | 3.68   | cps   |



|                         |                     |                   |                     |
|-------------------------|---------------------|-------------------|---------------------|
| LB Number :             | LB97237             | Operator :        | Jaswal              |
| Lab Sample ID :         | J4379-03            | Instrumnet Name : | P8                  |
| Client Sample ID :      | MW-106S             | Dilution Factor : | 1                   |
| Date & Time Acquired :: | 2018-08-10 17:46:53 | DataFile Name :   | 094SMPL_P8081018-MS |

| Parameter | Mass | CPS1  | CPS2  | CPS3 | CPSMean | CPSRSD | Units |
|-----------|------|-------|-------|------|---------|--------|-------|
| Zirconium | 90-1 | 13048 | 10971 | 9253 | 11091   | 17.13  | cps   |
| Zirconium | 91-1 | 2859  | 2167  | 2125 | 2384    | 17.28  | cps   |

|                         |                     |                   |                     |
|-------------------------|---------------------|-------------------|---------------------|
| LB Number :             | LB97237             | Operator :        | Jaswal              |
| Lab Sample ID :         | J4379-04            | Instrumnet Name : | P8                  |
| Client Sample ID :      | MW-106I             | Dilution Factor : | 1                   |
| Date & Time Acquired :: | 2018-08-10 17:50:12 | DataFile Name :   | 095SMPL_P8081018-MS |

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|------------|-------|----------|----------|----------|----------|--------|-------|
| Aluminium  | 27-2  | 238      | 208      | 205      | 217      | 8.34   | cps   |
| Antimony   | 121-1 | 23371    | 24582    | 26987    | 24980    | 7.37   | cps   |
| Arsenic    | 75-2  | 393      | 500      | 419      | 437      | 12.82  | cps   |
| Barium     | 135-1 | 86976    | 88579    | 87899    | 87818    | 0.92   | cps   |
| Barium     | 137-1 | 154982   | 156652   | 156287   | 155974   | 0.56   | cps   |
| Beryllium  | 9-1   | 172      | 183      | 172      | 176      | 3.65   | cps   |
| Bismuth    | 209-1 | 7919592  | 7885713  | 7807777  | 7871027  | 0.73   | cps   |
| Bismuth    | 209-2 | 1664642  | 1822879  | 1837575  | 1775032  | 5.40   | cps   |
| Boron      | 10-1  | 83736    | 88238    | 88062    | 86678    | 2.94   | cps   |
| Boron      | 11-1  | 398300   | 413199   | 422093   | 411198   | 2.92   | cps   |
| Cadmium    | 111-1 | 1434     | 1372     | 1371     | 1393     | 2.58   | cps   |
| Cadmium    | 106-1 | 1900     | 1767     | 1767     | 1811     | 4.25   | cps   |
| Cadmium    | 108-1 | 13       | 21       | 46       | 26       | 65.74  | cps   |
| Calcium    | 43-1  | 205178   | 203378   | 205693   | 204749   | 0.59   | cps   |
| Calcium    | 44-1  | 3381625  | 3360220  | 3439241  | 3393695  | 1.20   | cps   |
| Chromium   | 52-2  | 913      | 960      | 970      | 948      | 3.19   | cps   |
| Cobalt     | 59-2  | 297      | 337      | 283      | 306      | 9.08   | cps   |
| Copper     | 63-2  | 15095    | 15188    | 15873    | 15385    | 2.76   | cps   |
| Dysprosium | 156-1 | 400      | 383      | 375      | 386      | 3.30   | cps   |
| Dysprosium | 156-2 | 77       | 47       | 53       | 59       | 26.75  | cps   |
| Erbium     | 164-1 | 325      | 325      | 300      | 317      | 4.56   | cps   |
| Erbium     | 164-2 | 63       | 43       | 63       | 57       | 20.38  | cps   |
| Gadolinium | 160-1 | 458      | 383      | 408      | 417      | 9.16   | cps   |
| Gadolinium | 160-2 | 73       | 87       | 73       | 78       | 9.90   | cps   |
| Holmium    | 165-1 | 12167004 | 12098962 | 12130606 | 12132190 | 0.28   | cps   |
| Holmium    | 165-2 | 2093910  | 2267463  | 2287768  | 2216380  | 4.81   | cps   |
| Indium     | 115-1 | 8654688  | 8676076  | 8647068  | 8659277  | 0.17   | cps   |
| Indium     | 115-2 | 279597   | 300510   | 308645   | 296251   | 5.06   | cps   |
| Iron       | 56-2  | 248729   | 245121   | 251415   | 248422   | 1.27   | cps   |
| Iron       | 57-2  | 6257     | 6068     | 6218     | 6181     | 1.61   | cps   |
| Krypton    | 83-1  | 363      | 367      | 417      | 382      | 7.82   | cps   |
| Lead       | 206-1 | 38124    | 37818    | 38258    | 38067    | 0.59   | cps   |
| Lead       | 207-1 | 31289    | 31256    | 31495    | 31347    | 0.41   | cps   |
| Lead       | 208-1 | 147559   | 146577   | 147798   | 147311   | 0.44   | cps   |
| Lithium    | 6-1   | 1764155  | 1762004  | 1768366  | 1764842  | 0.18   | cps   |
| Magnesium  | 24-2  | 719076   | 714499   | 723675   | 719083   | 0.64   | cps   |

|                         |                     |                   |                     |
|-------------------------|---------------------|-------------------|---------------------|
| LB Number :             | LB97237             | Operator :        | Jaswal              |
| Lab Sample ID :         | J4379-04            | Instrumnet Name : | P8                  |
| Client Sample ID :      | MW-106I             | Dilution Factor : | 1                   |
| Date & Time Acquired :: | 2018-08-10 17:50:12 | DataFile Name :   | 095SMPL_P8081018-MS |

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|------------|-------|----------|----------|----------|----------|--------|-------|
| Manganese  | 55-2  | 5728     | 5841     | 5861     | 5810     | 1.24   | cps   |
| Molybdenum | 94-1  | 31513    | 32139    | 31571    | 31741    | 1.09   | cps   |
| Molybdenum | 95-1  | 52403    | 51774    | 52017    | 52065    | 0.61   | cps   |
| Molybdenum | 96-1  | 56268    | 57029    | 56234    | 56510    | 0.80   | cps   |
| Molybdenum | 97-1  | 32189    | 32440    | 33367    | 32665    | 1.90   | cps   |
| Molybdenum | 98-1  | 83029    | 82442    | 83464    | 82978    | 0.62   | cps   |
| Neodymium  | 150-1 | 480      | 547      | 607      | 544      | 11.64  | cps   |
| Neodymium  | 150-2 | 47       | 60       | 47       | 51       | 15.06  | cps   |
| Nickel     | 60-2  | 490      | 493      | 527      | 503      | 4.03   | cps   |
| Phosphorus | 31-2  | 67       | 125      | 125      | 106      | 31.91  | cps   |
| Potassium  | 39-2  | 401532   | 401858   | 398746   | 400712   | 0.43   | cps   |
| Rhodium    | 103-1 | 7769230  | 7680028  | 7667412  | 7705557  | 0.72   | cps   |
| Rhodium    | 103-2 | 1807806  | 1949136  | 2002338  | 1919760  | 5.24   | cps   |
| Scandium   | 45-1  | 4481292  | 4560598  | 4550606  | 4530832  | 0.95   | cps   |
| Scandium   | 45-2  | 27925    | 29812    | 30654    | 29463    | 4.74   | cps   |
| Selenium   | 77-2  | 0        | 0        | 3        | 1        | 173.21 | cps   |
| Selenium   | 78-2  | 4        | 2        | 0        | 2        | 100.00 | cps   |
| Selenium   | 82-1  | 297      | 328      | 276      | 301      | 8.78   | cps   |
| Silicon    | 28-1  | 9094023  | 9072881  | 9196071  | 9120992  | 0.72   | cps   |
| Silver     | 109-1 | 1875     | 1458     | 1892     | 1742     | 14.10  | cps   |
| Silver     | 107-1 | 2067     | 1800     | 1584     | 1817     | 13.33  | cps   |
| Sodium     | 23-2  | 32116339 | 32074976 | 32292897 | 32161404 | 0.36   | cps   |
| Strontium  | 86-1  | 733723   | 728357   | 742657   | 734912   | 0.98   | cps   |
| Strontium  | 88-1  | 6326611  | 6354775  | 6505562  | 6395649  | 1.50   | cps   |
| Sulfur     | 34-1  | 1232790  | 1234422  | 1227231  | 1231481  | 0.31   | cps   |
| Terbium    | 159-1 | 12389551 | 12351953 | 12438813 | 12393439 | 0.35   | cps   |
| Terbium    | 159-2 | 1979814  | 2151013  | 2180207  | 2103678  | 5.15   | cps   |
| Thallium   | 203-1 | 992      | 1142     | 1092     | 1075     | 7.11   | cps   |
| Thallium   | 205-1 | 2867     | 2584     | 2800     | 2750     | 5.39   | cps   |
| Tin        | 118-1 | 23413    | 23229    | 23722    | 23455    | 1.06   | cps   |
| Titanium   | 47-1  | 2034     | 2067     | 1967     | 2022     | 2.52   | cps   |
| Uranium    | 238-1 | 13391    | 13233    | 13291    | 13305    | 0.60   | cps   |
| Vanadium   | 51-2  | 2657     | 2704     | 2734     | 2698     | 1.43   | cps   |
| Yttrium    | 89-1  | 8639176  | 8539620  | 8644393  | 8607730  | 0.69   | cps   |
| Yttrium    | 89-2  | 204858   | 222234   | 227516   | 218203   | 5.43   | cps   |
| Zinc       | 66-2  | 14171    | 14388    | 14351    | 14303    | 0.81   | cps   |

|                         |                     |                   |                     |
|-------------------------|---------------------|-------------------|---------------------|
| LB Number :             | LB97237             | Operator :        | Jaswal              |
| Lab Sample ID :         | J4379-04            | Instrumnet Name : | P8                  |
| Client Sample ID :      | MW-106I             | Dilution Factor : | 1                   |
| Date & Time Acquired :: | 2018-08-10 17:50:12 | DataFile Name :   | 095SMPL_P8081018-MS |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|-----------|------|------|------|------|---------|--------|-------|
| Zirconium | 90-1 | 7127 | 6393 | 5702 | 6407    | 11.13  | cps   |
| Zirconium | 91-1 | 1358 | 1367 | 1233 | 1320    | 5.66   | cps   |

|                         |                     |                   |                     |
|-------------------------|---------------------|-------------------|---------------------|
| LB Number :             | LB97237             | Operator :        | Jaswal              |
| Lab Sample ID :         | J4379-05            | Instrumnet Name : | P8                  |
| Client Sample ID :      | MW-107S             | Dilution Factor : | 1                   |
| Date & Time Acquired :: | 2018-08-10 17:53:31 | DataFile Name :   | 096SMPL_P8081018-MS |

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|------------|-------|----------|----------|----------|----------|--------|-------|
| Aluminium  | 27-2  | 23       | 28       | 35       | 28       | 22.20  | cps   |
| Antimony   | 121-1 | 24908    | 26895    | 27371    | 26391    | 4.95   | cps   |
| Arsenic    | 75-2  | 61       | 50       | 50       | 54       | 11.94  | cps   |
| Barium     | 135-1 | 263392   | 265148   | 270257   | 266266   | 1.34   | cps   |
| Barium     | 137-1 | 463541   | 471248   | 474269   | 469686   | 1.18   | cps   |
| Beryllium  | 9-1   | 156      | 189      | 128      | 157      | 19.44  | cps   |
| Bismuth    | 209-1 | 8115166  | 7778965  | 8079858  | 7991330  | 2.31   | cps   |
| Bismuth    | 209-2 | 1829866  | 1835953  | 1859823  | 1841881  | 0.86   | cps   |
| Boron      | 10-1  | 63834    | 64145    | 63960    | 63980    | 0.24   | cps   |
| Boron      | 11-1  | 295715   | 299203   | 300048   | 298322   | 0.77   | cps   |
| Cadmium    | 111-1 | 1246     | 1188     | 1603     | 1346     | 16.72  | cps   |
| Cadmium    | 106-1 | 1667     | 1642     | 2184     | 1831     | 16.71  | cps   |
| Cadmium    | 108-1 | 0        | 17       | 13       | 10       | 89.22  | cps   |
| Calcium    | 43-1  | 2784701  | 2829090  | 2779496  | 2797762  | 0.97   | cps   |
| Calcium    | 44-1  | 45334741 | 46047518 | 45262372 | 45548210 | 0.95   | cps   |
| Chromium   | 52-2  | 1037     | 1073     | 1063     | 1058     | 1.79   | cps   |
| Cobalt     | 59-2  | 123      | 120      | 97       | 113      | 12.82  | cps   |
| Copper     | 63-2  | 5911     | 6041     | 6028     | 5994     | 1.19   | cps   |
| Dysprosium | 156-1 | 83       | 100      | 42       | 75       | 40.06  | cps   |
| Dysprosium | 156-2 | 13       | 10       | 17       | 13       | 25.01  | cps   |
| Erbium     | 164-1 | 92       | 142      | 108      | 114      | 22.35  | cps   |
| Erbium     | 164-2 | 7        | 13       | 27       | 16       | 65.47  | cps   |
| Gadolinium | 160-1 | 133      | 142      | 108      | 128      | 13.57  | cps   |
| Gadolinium | 160-2 | 27       | 23       | 20       | 23       | 14.29  | cps   |
| Holmium    | 165-1 | 12351718 | 11981728 | 12528522 | 12287323 | 2.27   | cps   |
| Holmium    | 165-2 | 2270254  | 2308895  | 2300803  | 2293317  | 0.89   | cps   |
| Indium     | 115-1 | 8643746  | 8470490  | 8805603  | 8639946  | 1.94   | cps   |
| Indium     | 115-2 | 299517   | 295893   | 300155   | 298521   | 0.77   | cps   |
| Iron       | 56-2  | 88859    | 87977    | 88770    | 88535    | 0.55   | cps   |
| Iron       | 57-2  | 2272     | 2106     | 2139     | 2172     | 4.06   | cps   |
| Krypton    | 83-1  | 373      | 290      | 403      | 356      | 16.52  | cps   |
| Lead       | 206-1 | 1422     | 1417     | 1511     | 1450     | 3.65   | cps   |
| Lead       | 207-1 | 1311     | 1200     | 1517     | 1343     | 11.97  | cps   |
| Lead       | 208-1 | 5912     | 5740     | 6212     | 5954     | 4.01   | cps   |
| Lithium    | 6-1   | 1847579  | 1815340  | 1849921  | 1837613  | 1.05   | cps   |
| Magnesium  | 24-2  | 902092   | 894111   | 903179   | 899794   | 0.55   | cps   |

|                         |                     |                   |                     |
|-------------------------|---------------------|-------------------|---------------------|
| LB Number :             | LB97237             | Operator :        | Jaswal              |
| Lab Sample ID :         | J4379-05            | Instrumnet Name : | P8                  |
| Client Sample ID :      | MW-107S             | Dilution Factor : | 1                   |
| Date & Time Acquired :: | 2018-08-10 17:53:31 | DataFile Name :   | 096SMPL_P8081018-MS |

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|------------|-------|----------|----------|----------|----------|--------|-------|
| Manganese  | 55-2  | 35265    | 35953    | 35696    | 35638    | 0.98   | cps   |
| Molybdenum | 94-1  | 2884     | 2550     | 2817     | 2750     | 6.41   | cps   |
| Molybdenum | 95-1  | 1258     | 1375     | 1425     | 1353     | 6.32   | cps   |
| Molybdenum | 96-1  | 1659     | 1767     | 1600     | 1675     | 5.05   | cps   |
| Molybdenum | 97-1  | 792      | 908      | 942      | 881      | 8.95   | cps   |
| Molybdenum | 98-1  | 2317     | 2484     | 2242     | 2348     | 5.27   | cps   |
| Neodymium  | 150-1 | 87       | 73       | 113      | 91       | 22.35  | cps   |
| Neodymium  | 150-2 | 10       | 10       | 7        | 9        | 21.63  | cps   |
| Nickel     | 60-2  | 337      | 417      | 317      | 357      | 14.84  | cps   |
| Phosphorus | 31-2  | 75       | 50       | 25       | 50       | 50.00  | cps   |
| Potassium  | 39-2  | 327061   | 327402   | 327044   | 327169   | 0.06   | cps   |
| Rhodium    | 103-1 | 7707529  | 7449527  | 7731528  | 7629528  | 2.05   | cps   |
| Rhodium    | 103-2 | 1944953  | 1941270  | 1952017  | 1946080  | 0.28   | cps   |
| Scandium   | 45-1  | 4484221  | 4361494  | 4474594  | 4440103  | 1.54   | cps   |
| Scandium   | 45-2  | 28345    | 28128    | 28289    | 28254    | 0.40   | cps   |
| Selenium   | 77-2  | 0        | 0        | 0        | 0        | 0.00   | cps   |
| Selenium   | 78-2  | 0        | 0        | 4        | 1        | 173.21 | cps   |
| Selenium   | 82-1  | 171      | 215      | 147      | 178      | 19.30  | cps   |
| Silicon    | 28-1  | 33614667 | 33746171 | 33671197 | 33677345 | 0.20   | cps   |
| Silver     | 109-1 | 1308     | 1142     | 1342     | 1264     | 8.48   | cps   |
| Silver     | 107-1 | 1292     | 1108     | 1125     | 1175     | 8.63   | cps   |
| Sodium     | 23-2  | 20877217 | 20795898 | 20800771 | 20824629 | 0.22   | cps   |
| Strontium  | 86-1  | 2885260  | 2884594  | 2872322  | 2880725  | 0.25   | cps   |
| Strontium  | 88-1  | 24844395 | 24882526 | 24778110 | 24835010 | 0.21   | cps   |
| Sulfur     | 34-1  | 737913   | 738188   | 736392   | 737498   | 0.13   | cps   |
| Terbium    | 159-1 | 12624829 | 12198650 | 12731019 | 12518166 | 2.25   | cps   |
| Terbium    | 159-2 | 2176426  | 2150603  | 2162465  | 2163165  | 0.60   | cps   |
| Thallium   | 203-1 | 767      | 858      | 833      | 820      | 5.78   | cps   |
| Thallium   | 205-1 | 1792     | 1659     | 1875     | 1775     | 6.16   | cps   |
| Tin        | 118-1 | 20391    | 20383    | 20800    | 20525    | 1.16   | cps   |
| Titanium   | 47-1  | 1317     | 1183     | 1250     | 1250     | 5.33   | cps   |
| Uranium    | 238-1 | 26821    | 27206    | 27799    | 27275    | 1.81   | cps   |
| Vanadium   | 51-2  | 733      | 677      | 677      | 696      | 4.70   | cps   |
| Yttrium    | 89-1  | 8575458  | 8278648  | 8549736  | 8467947  | 1.94   | cps   |
| Yttrium    | 89-2  | 216906   | 217399   | 218735   | 217680   | 0.43   | cps   |
| Zinc       | 66-2  | 2154     | 2057     | 2227     | 2146     | 3.97   | cps   |

|                         |                     |                   |                     |
|-------------------------|---------------------|-------------------|---------------------|
| LB Number :             | LB97237             | Operator :        | Jaswal              |
| Lab Sample ID :         | J4379-05            | Instrumnet Name : | P8                  |
| Client Sample ID :      | MW-107S             | Dilution Factor : | 1                   |
| Date & Time Acquired :: | 2018-08-10 17:53:31 | DataFile Name :   | 096SMPL_P8081018-MS |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|-----------|------|------|------|------|---------|--------|-------|
| Zirconium | 90-1 | 5118 | 5285 | 5235 | 5212    | 1.64   | cps   |
| Zirconium | 91-1 | 1117 | 1075 | 1100 | 1097    | 1.91   | cps   |

|                         |                     |                   |                     |
|-------------------------|---------------------|-------------------|---------------------|
| LB Number :             | LB97237             | Operator :        | Jaswal              |
| Lab Sample ID :         | J4379-07            | Instrumnet Name : | P8                  |
| Client Sample ID :      | FB-08082018         | Dilution Factor : | 1                   |
| Date & Time Acquired :: | 2018-08-10 17:56:51 | DataFile Name :   | 097SMPL_P8081018-MS |

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|------------|-------|----------|----------|----------|----------|--------|-------|
| Aluminium  | 27-2  | 10       | 13       | 15       | 13       | 20.00  | cps   |
| Antimony   | 121-1 | 1742     | 1383     | 1400     | 1508     | 13.41  | cps   |
| Arsenic    | 75-2  | 6        | 9        | 2        | 6        | 66.68  | cps   |
| Barium     | 135-1 | 67       | 83       | 75       | 75       | 11.11  | cps   |
| Barium     | 137-1 | 108      | 175      | 92       | 125      | 35.28  | cps   |
| Beryllium  | 9-1   | 117      | 106      | 150      | 124      | 18.64  | cps   |
| Bismuth    | 209-1 | 9789402  | 9918991  | 9571627  | 9760007  | 1.80   | cps   |
| Bismuth    | 209-2 | 2437759  | 2383141  | 2401915  | 2407605  | 1.15   | cps   |
| Boron      | 10-1  | 3567     | 3609     | 3509     | 3562     | 1.41   | cps   |
| Boron      | 11-1  | 18354    | 16802    | 15317    | 16824    | 9.03   | cps   |
| Cadmium    | 111-1 | 1782     | 1598     | 1596     | 1659     | 6.44   | cps   |
| Cadmium    | 106-1 | 2467     | 2209     | 2159     | 2278     | 7.27   | cps   |
| Cadmium    | 108-1 | 4        | 21       | 21       | 15       | 62.96  | cps   |
| Calcium    | 43-1  | 792      | 567      | 525      | 628      | 22.85  | cps   |
| Calcium    | 44-1  | 18012    | 18438    | 17470    | 17973    | 2.70   | cps   |
| Chromium   | 52-2  | 433      | 397      | 400      | 410      | 4.95   | cps   |
| Cobalt     | 59-2  | 27       | 40       | 30       | 32       | 21.53  | cps   |
| Copper     | 63-2  | 1177     | 1320     | 1137     | 1211     | 7.96   | cps   |
| Dysprosium | 156-1 | 17       | 42       | 8        | 22       | 78.07  | cps   |
| Dysprosium | 156-2 | 0        | 7        | 3        | 3        | 100.05 | cps   |
| Erbium     | 164-1 | 58       | 50       | 33       | 47       | 26.97  | cps   |
| Erbium     | 164-2 | 17       | 3        | 3        | 8        | 99.04  | cps   |
| Gadolinium | 160-1 | 67       | 58       | 83       | 69       | 18.33  | cps   |
| Gadolinium | 160-2 | 17       | 13       | 3        | 11       | 62.48  | cps   |
| Holmium    | 165-1 | 15212015 | 14861480 | 14669015 | 14914170 | 1.85   | cps   |
| Holmium    | 165-2 | 2922762  | 2903722  | 2896315  | 2907600  | 0.47   | cps   |
| Indium     | 115-1 | 11161873 | 10964231 | 10827812 | 10984639 | 1.53   | cps   |
| Indium     | 115-2 | 402272   | 404858   | 404825   | 403985   | 0.37   | cps   |
| Iron       | 56-2  | 1089     | 1061     | 972      | 1041     | 5.86   | cps   |
| Iron       | 57-2  | 17       | 17       | 11       | 15       | 21.67  | cps   |
| Krypton    | 83-1  | 390      | 313      | 363      | 356      | 10.95  | cps   |
| Lead       | 206-1 | 428      | 428      | 328      | 394      | 14.64  | cps   |
| Lead       | 207-1 | 339      | 350      | 350      | 346      | 1.85   | cps   |
| Lead       | 208-1 | 1528     | 1545     | 1450     | 1507     | 3.34   | cps   |
| Lithium    | 6-1   | 1858485  | 1859953  | 1783229  | 1833889  | 2.39   | cps   |
| Magnesium  | 24-2  | 392      | 275      | 250      | 306      | 24.75  | cps   |



|                         |                     |                   |                     |
|-------------------------|---------------------|-------------------|---------------------|
| LB Number :             | LB97237             | Operator :        | Jaswal              |
| Lab Sample ID :         | J4379-07            | Instrumnet Name : | P8                  |
| Client Sample ID :      | FB-08082018         | Dilution Factor : | 1                   |
| Date & Time Acquired :: | 2018-08-10 17:56:51 | DataFile Name :   | 097SMPL_P8081018-MS |

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD   | Units |
|------------|-------|----------|----------|----------|----------|----------|-------|
| Manganese  | 55-2  | 53       | 60       | 43       | 52       | 16.07    | cps   |
| Molybdenum | 94-1  | 425      | 450      | 417      | 431      | 4.03     | cps   |
| Molybdenum | 95-1  | 250      | 217      | 333      | 267      | 22.53    | cps   |
| Molybdenum | 96-1  | 400      | 367      | 375      | 381      | 4.56     | cps   |
| Molybdenum | 97-1  | 192      | 225      | 183      | 200      | 11.03    | cps   |
| Molybdenum | 98-1  | 508      | 442      | 417      | 456      | 10.40    | cps   |
| Neodymium  | 150-1 | 13       | 7        | 13       | 11       | 34.61    | cps   |
| Neodymium  | 150-2 | 0        | 0        | 0        | 0        | 0.00     | cps   |
| Nickel     | 60-2  | 87       | 123      | 97       | 102      | 18.54    | cps   |
| Phosphorus | 31-2  | 8        | 0        | 0        | 3        | 173.21   | cps   |
| Potassium  | 39-2  | 2050     | 1667     | 1900     | 1872     | 10.32    | cps   |
| Rhodium    | 103-1 | 10368364 | 10270634 | 10012765 | 10217254 | 1.80     | cps   |
| Rhodium    | 103-2 | 2590728  | 2589003  | 2599429  | 2593054  | 0.22     | cps   |
| Scandium   | 45-1  | 5774662  | 5851538  | 5587633  | 5737944  | 2.37     | cps   |
| Scandium   | 45-2  | 39265    | 39482    | 39623    | 39457    | 0.46     | cps   |
| Selenium   | 77-2  | 0        | 0        | 0        | 0        | 0.00     | cps   |
| Selenium   | 78-2  | 6        | 0        | 2        | 2        | 114.63   | cps   |
| Selenium   | 82-1  | -52      | 40       | 10       | -1       | -5637.83 | cps   |
| Silicon    | 28-1  | 230988   | 230157   | 234977   | 232041   | 1.11     | cps   |
| Silver     | 109-1 | 500      | 633      | 483      | 539      | 15.26    | cps   |
| Silver     | 107-1 | 608      | 558      | 633      | 600      | 6.37     | cps   |
| Sodium     | 23-2  | 10296    | 9520     | 10288    | 10035    | 4.44     | cps   |
| Strontium  | 86-1  | 650      | 617      | 583      | 617      | 5.40     | cps   |
| Strontium  | 88-1  | 1717     | 1400     | 1350     | 1489     | 13.35    | cps   |
| Sulfur     | 34-1  | 311827   | 312902   | 314146   | 312958   | 0.37     | cps   |
| Terbium    | 159-1 | 15549460 | 15181394 | 14996244 | 15242366 | 1.85     | cps   |
| Terbium    | 159-2 | 2752561  | 2748428  | 2765499  | 2755496  | 0.32     | cps   |
| Thallium   | 203-1 | 367      | 383      | 400      | 383      | 4.35     | cps   |
| Thallium   | 205-1 | 1008     | 975      | 825      | 936      | 10.43    | cps   |
| Tin        | 118-1 | 867      | 775      | 992      | 878      | 12.39    | cps   |
| Titanium   | 47-1  | 183      | 92       | 142      | 139      | 33.05    | cps   |
| Uranium    | 238-1 | 42       | 42       | 83       | 56       | 43.30    | cps   |
| Vanadium   | 51-2  | 7        | 10       | 3        | 7        | 50.03    | cps   |
| Yttrium    | 89-1  | 11109196 | 10905728 | 10618987 | 10877970 | 2.26     | cps   |
| Yttrium    | 89-2  | 291385   | 292836   | 292073   | 292098   | 0.25     | cps   |
| Zinc       | 66-2  | 1143     | 1027     | 1147     | 1106     | 6.18     | cps   |

|                         |                     |                   |                     |
|-------------------------|---------------------|-------------------|---------------------|
| LB Number :             | LB97237             | Operator :        | Jaswal              |
| Lab Sample ID :         | J4379-07            | Instrumnet Name : | P8                  |
| Client Sample ID :      | FB-08082018         | Dilution Factor : | 1                   |
| Date & Time Acquired :: | 2018-08-10 17:56:51 | DataFile Name :   | 097SMPL_P8081018-MS |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|-----------|------|------|------|------|---------|--------|-------|
| Zirconium | 90-1 | 750  | 825  | 650  | 742     | 11.84  | cps   |
| Zirconium | 91-1 | 183  | 208  | 175  | 189     | 9.18   | cps   |

|                         |                     |                   |                     |
|-------------------------|---------------------|-------------------|---------------------|
| LB Number :             | LB97237             | Operator :        | Jaswal              |
| Lab Sample ID :         | J4379-08            | Instrumnet Name : | P8                  |
| Client Sample ID :      | MW-106D             | Dilution Factor : | 1                   |
| Date & Time Acquired :: | 2018-08-10 18:00:12 | DataFile Name :   | 098SMPL_P8081018-MS |

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|------------|-------|----------|----------|----------|----------|--------|-------|
| Aluminium  | 27-2  | 1413     | 1425     | 1285     | 1375     | 5.64   | cps   |
| Antimony   | 121-1 | 18789    | 20859    | 22053    | 20567    | 8.03   | cps   |
| Arsenic    | 75-2  | 993      | 893      | 1026     | 970      | 7.15   | cps   |
| Barium     | 135-1 | 94444    | 95619    | 94545    | 94869    | 0.69   | cps   |
| Barium     | 137-1 | 163609   | 168410   | 164166   | 165395   | 1.59   | cps   |
| Beryllium  | 9-1   | 156      | 144      | 206      | 169      | 19.32  | cps   |
| Bismuth    | 209-1 | 7044695  | 7340110  | 7236061  | 7206955  | 2.08   | cps   |
| Bismuth    | 209-2 | 1682250  | 1630283  | 1636448  | 1649660  | 1.72   | cps   |
| Boron      | 10-1  | 225475   | 235560   | 234795   | 231944   | 2.42   | cps   |
| Boron      | 11-1  | 1100549  | 1142610  | 1168534  | 1137231  | 3.02   | cps   |
| Cadmium    | 111-1 | 1219     | 1351     | 1276     | 1282     | 5.15   | cps   |
| Cadmium    | 106-1 | 1675     | 1850     | 1759     | 1761     | 4.97   | cps   |
| Cadmium    | 108-1 | 17       | 33       | 38       | 29       | 37.79  | cps   |
| Calcium    | 43-1  | 711792   | 721947   | 714022   | 715920   | 0.75   | cps   |
| Calcium    | 44-1  | 11864589 | 11946266 | 11750563 | 11853806 | 0.83   | cps   |
| Chromium   | 52-2  | 1663     | 1877     | 1777     | 1772     | 6.02   | cps   |
| Cobalt     | 59-2  | 1203     | 1257     | 1393     | 1285     | 7.63   | cps   |
| Copper     | 63-2  | 14564    | 14968    | 14568    | 14700    | 1.58   | cps   |
| Dysprosium | 156-1 | 858      | 1025     | 1050     | 978      | 10.66  | cps   |
| Dysprosium | 156-2 | 153      | 207      | 147      | 169      | 19.47  | cps   |
| Erbium     | 164-1 | 733      | 733      | 817      | 761      | 6.32   | cps   |
| Erbium     | 164-2 | 137      | 113      | 137      | 129      | 10.45  | cps   |
| Gadolinium | 160-1 | 717      | 767      | 842      | 775      | 8.12   | cps   |
| Gadolinium | 160-2 | 220      | 183      | 173      | 192      | 12.78  | cps   |
| Holmium    | 165-1 | 11099855 | 11657567 | 11474049 | 11410490 | 2.49   | cps   |
| Holmium    | 165-2 | 2222269  | 2194996  | 2209247  | 2208838  | 0.62   | cps   |
| Indium     | 115-1 | 7931042  | 8343848  | 8238068  | 8170986  | 2.62   | cps   |
| Indium     | 115-2 | 297591   | 295193   | 295248   | 296011   | 0.46   | cps   |
| Iron       | 56-2  | 2069685  | 2077040  | 2077021  | 2074582  | 0.20   | cps   |
| Iron       | 57-2  | 51139    | 50743    | 50313    | 50732    | 0.81   | cps   |
| Krypton    | 83-1  | 1073     | 1170     | 1113     | 1119     | 4.34   | cps   |
| Lead       | 206-1 | 32175    | 31952    | 31584    | 31904    | 0.93   | cps   |
| Lead       | 207-1 | 27018    | 26528    | 26567    | 26705    | 1.02   | cps   |
| Lead       | 208-1 | 126097   | 125161   | 124112   | 125123   | 0.79   | cps   |
| Lithium    | 6-1   | 1371084  | 1420288  | 1429806  | 1407059  | 2.24   | cps   |
| Magnesium  | 24-2  | 2769714  | 2728549  | 2754805  | 2751023  | 0.76   | cps   |

|                         |                     |                   |                     |
|-------------------------|---------------------|-------------------|---------------------|
| LB Number :             | LB97237             | Operator :        | Jaswal              |
| Lab Sample ID :         | J4379-08            | Instrumnet Name : | P8                  |
| Client Sample ID :      | MW-106D             | Dilution Factor : | 1                   |
| Date & Time Acquired :: | 2018-08-10 18:00:12 | DataFile Name :   | 098SMPL_P8081018-MS |

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|------------|-------|----------|----------|----------|----------|--------|-------|
| Manganese  | 55-2  | 318381   | 315179   | 317849   | 317136   | 0.54   | cps   |
| Molybdenum | 94-1  | 19481    | 18705    | 19239    | 19142    | 2.07   | cps   |
| Molybdenum | 95-1  | 30126    | 30418    | 30252    | 30265    | 0.48   | cps   |
| Molybdenum | 96-1  | 32732    | 32131    | 32214    | 32359    | 1.01   | cps   |
| Molybdenum | 97-1  | 19598    | 19331    | 19398    | 19442    | 0.71   | cps   |
| Molybdenum | 98-1  | 48321    | 49048    | 46957    | 48109    | 2.21   | cps   |
| Neodymium  | 150-1 | 1347     | 1433     | 1367     | 1382     | 3.28   | cps   |
| Neodymium  | 150-2 | 123      | 180      | 137      | 147      | 20.20  | cps   |
| Nickel     | 60-2  | 850      | 1003     | 897      | 917      | 8.57   | cps   |
| Phosphorus | 31-2  | 142      | 167      | 133      | 147      | 11.78  | cps   |
| Potassium  | 39-2  | 846505   | 844428   | 834774   | 841902   | 0.74   | cps   |
| Rhodium    | 103-1 | 7066643  | 7411393  | 7338483  | 7272173  | 2.50   | cps   |
| Rhodium    | 103-2 | 1880015  | 1861842  | 1841713  | 1861190  | 1.03   | cps   |
| Scandium   | 45-1  | 4330046  | 4518870  | 4480919  | 4443278  | 2.25   | cps   |
| Scandium   | 45-2  | 30687    | 30136    | 30513    | 30445    | 0.93   | cps   |
| Selenium   | 77-2  | 3        | 0        | 0        | 1        | 173.21 | cps   |
| Selenium   | 78-2  | 0        | 4        | 6        | 3        | 91.69  | cps   |
| Selenium   | 82-1  | 158      | 203      | 287      | 216      | 30.38  | cps   |
| Silicon    | 28-1  | 18717536 | 18912560 | 19039371 | 18889822 | 0.86   | cps   |
| Silver     | 109-1 | 2017     | 1625     | 1517     | 1720     | 15.30  | cps   |
| Silver     | 107-1 | 2242     | 1717     | 1508     | 1822     | 20.74  | cps   |
| Sodium     | 23-2  | 93890802 | 93658850 | 92398121 | 93315924 | 0.86   | cps   |
| Strontium  | 86-1  | 1751588  | 1792503  | 1784578  | 1776223  | 1.22   | cps   |
| Strontium  | 88-1  | 15079537 | 15222995 | 15291273 | 15197935 | 0.71   | cps   |
| Sulfur     | 34-1  | 2570237  | 2610790  | 2609271  | 2596766  | 0.89   | cps   |
| Terbium    | 159-1 | 11222419 | 11775624 | 11779590 | 11592544 | 2.77   | cps   |
| Terbium    | 159-2 | 2100265  | 2064238  | 2117976  | 2094160  | 1.31   | cps   |
| Thallium   | 203-1 | 667      | 558      | 525      | 583      | 12.70  | cps   |
| Thallium   | 205-1 | 1200     | 1367     | 1308     | 1292     | 6.55   | cps   |
| Tin        | 118-1 | 20658    | 26085    | 21259    | 22668    | 13.12  | cps   |
| Titanium   | 47-1  | 12024    | 17927    | 10521    | 13491    | 29.02  | cps   |
| Uranium    | 238-1 | 24959    | 25844    | 25936    | 25580    | 2.11   | cps   |
| Vanadium   | 51-2  | 460      | 577      | 493      | 510      | 11.78  | cps   |
| Yttrium    | 89-1  | 8076207  | 8458941  | 8378233  | 8304460  | 2.43   | cps   |
| Yttrium    | 89-2  | 223063   | 221557   | 223199   | 222606   | 0.41   | cps   |
| Zinc       | 66-2  | 18142    | 17795    | 17932    | 17956    | 0.97   | cps   |

|                         |                     |                   |                     |
|-------------------------|---------------------|-------------------|---------------------|
| LB Number :             | LB97237             | Operator :        | Jaswal              |
| Lab Sample ID :         | J4379-08            | Instrumnet Name : | P8                  |
| Client Sample ID :      | MW-106D             | Dilution Factor : | 1                   |
| Date & Time Acquired :: | 2018-08-10 18:00:12 | DataFile Name :   | 098SMPL_P8081018-MS |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|-----------|------|------|------|------|---------|--------|-------|
| Zirconium | 90-1 | 5418 | 4993 | 5476 | 5296    | 4.98   | cps   |
| Zirconium | 91-1 | 1225 | 1042 | 1258 | 1175    | 9.93   | cps   |

|                         |                     |                   |                     |
|-------------------------|---------------------|-------------------|---------------------|
| LB Number :             | LB97237             | Operator :        | Jaswal              |
| Lab Sample ID :         | J4379-09            | Instrumnet Name : | P8                  |
| Client Sample ID :      | MW-105S             | Dilution Factor : | 1                   |
| Date & Time Acquired :: | 2018-08-10 18:03:31 | DataFile Name :   | 099SMPL_P8081018-MS |

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|------------|-------|----------|----------|----------|----------|--------|-------|
| Aluminium  | 27-2  | 690      | 680      | 633      | 668      | 4.60   | cps   |
| Antimony   | 121-1 | 21401    | 23538    | 24448    | 23129    | 6.76   | cps   |
| Arsenic    | 75-2  | 96       | 80       | 96       | 91       | 10.61  | cps   |
| Barium     | 135-1 | 178352   | 181410   | 183362   | 181041   | 1.39   | cps   |
| Barium     | 137-1 | 313813   | 319908   | 319038   | 317586   | 1.04   | cps   |
| Beryllium  | 9-1   | 144      | 139      | 100      | 128      | 18.95  | cps   |
| Bismuth    | 209-1 | 8098009  | 8080727  | 8083484  | 8087407  | 0.11   | cps   |
| Bismuth    | 209-2 | 1877490  | 1817943  | 1834189  | 1843207  | 1.67   | cps   |
| Boron      | 10-1  | 72811    | 72517    | 72919    | 72749    | 0.29   | cps   |
| Boron      | 11-1  | 335290   | 340910   | 343088   | 339763   | 1.18   | cps   |
| Cadmium    | 111-1 | 1483     | 1312     | 1296     | 1364     | 7.61   | cps   |
| Cadmium    | 106-1 | 1925     | 1775     | 1725     | 1809     | 5.76   | cps   |
| Cadmium    | 108-1 | 21       | 50       | 17       | 29       | 62.27  | cps   |
| Calcium    | 43-1  | 1617669  | 1624946  | 1653194  | 1631936  | 1.15   | cps   |
| Calcium    | 44-1  | 26303659 | 26216231 | 26206626 | 26242172 | 0.20   | cps   |
| Chromium   | 52-2  | 1107     | 1130     | 1063     | 1100     | 3.08   | cps   |
| Cobalt     | 59-2  | 567      | 653      | 647      | 622      | 7.75   | cps   |
| Copper     | 63-2  | 26078    | 25818    | 25437    | 25777    | 1.25   | cps   |
| Dysprosium | 156-1 | 525      | 458      | 625      | 536      | 15.65  | cps   |
| Dysprosium | 156-2 | 67       | 103      | 53       | 74       | 34.78  | cps   |
| Erbium     | 164-1 | 425      | 442      | 467      | 444      | 4.72   | cps   |
| Erbium     | 164-2 | 67       | 93       | 43       | 68       | 36.92  | cps   |
| Gadolinium | 160-1 | 467      | 475      | 450      | 464      | 2.74   | cps   |
| Gadolinium | 160-2 | 110      | 93       | 100      | 101      | 8.29   | cps   |
| Holmium    | 165-1 | 12205643 | 12409607 | 12297074 | 12304108 | 0.83   | cps   |
| Holmium    | 165-2 | 2302791  | 2279431  | 2279920  | 2287381  | 0.58   | cps   |
| Indium     | 115-1 | 8687292  | 8748578  | 8772772  | 8736214  | 0.50   | cps   |
| Indium     | 115-2 | 301142   | 297004   | 294769   | 297638   | 1.09   | cps   |
| Iron       | 56-2  | 919184   | 919489   | 916722   | 918465   | 0.17   | cps   |
| Iron       | 57-2  | 23309    | 23058    | 22519    | 22962    | 1.76   | cps   |
| Krypton    | 83-1  | 343      | 373      | 360      | 359      | 4.19   | cps   |
| Lead       | 206-1 | 46296    | 46664    | 47183    | 46714    | 0.95   | cps   |
| Lead       | 207-1 | 37489    | 38102    | 39278    | 38290    | 2.37   | cps   |
| Lead       | 208-1 | 178934   | 180969   | 182941   | 180948   | 1.11   | cps   |
| Lithium    | 6-1   | 1831440  | 1871490  | 1884247  | 1862392  | 1.48   | cps   |
| Magnesium  | 24-2  | 942986   | 940268   | 932894   | 938716   | 0.56   | cps   |

|                         |                     |                   |                     |
|-------------------------|---------------------|-------------------|---------------------|
| LB Number :             | LB97237             | Operator :        | Jaswal              |
| Lab Sample ID :         | J4379-09            | Instrumnet Name : | P8                  |
| Client Sample ID :      | MW-105S             | Dilution Factor : | 1                   |
| Date & Time Acquired :: | 2018-08-10 18:03:31 | DataFile Name :   | 099SMPL_P8081018-MS |

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|------------|-------|----------|----------|----------|----------|--------|-------|
| Manganese  | 55-2  | 40573    | 41214    | 40683    | 40823    | 0.84   | cps   |
| Molybdenum | 94-1  | 3401     | 3084     | 3117     | 3201     | 5.44   | cps   |
| Molybdenum | 95-1  | 2492     | 2242     | 2284     | 2339     | 5.73   | cps   |
| Molybdenum | 96-1  | 2917     | 2525     | 2809     | 2750     | 7.35   | cps   |
| Molybdenum | 97-1  | 1433     | 1559     | 1425     | 1472     | 5.07   | cps   |
| Molybdenum | 98-1  | 3767     | 3451     | 3701     | 3640     | 4.59   | cps   |
| Neodymium  | 150-1 | 587      | 660      | 693      | 647      | 8.44   | cps   |
| Neodymium  | 150-2 | 57       | 83       | 67       | 69       | 19.56  | cps   |
| Nickel     | 60-2  | 653      | 703      | 653      | 670      | 4.31   | cps   |
| Phosphorus | 31-2  | 125      | 125      | 150      | 133      | 10.82  | cps   |
| Potassium  | 39-2  | 348725   | 349451   | 344576   | 347584   | 0.76   | cps   |
| Rhodium    | 103-1 | 7775456  | 7823556  | 7822662  | 7807224  | 0.35   | cps   |
| Rhodium    | 103-2 | 1971109  | 1935900  | 1926361  | 1944457  | 1.21   | cps   |
| Scandium   | 45-1  | 4508980  | 4478980  | 4530361  | 4506107  | 0.57   | cps   |
| Scandium   | 45-2  | 28977    | 28556    | 28536    | 28689    | 0.87   | cps   |
| Selenium   | 77-2  | 0        | 0        | 0        | 0        | 0.00   | cps   |
| Selenium   | 78-2  | 7        | 2        | 0        | 3        | 124.95 | cps   |
| Selenium   | 82-1  | 243      | 239      | 194      | 225      | 12.00  | cps   |
| Silicon    | 28-1  | 24608982 | 24610304 | 24760704 | 24659997 | 0.35   | cps   |
| Silver     | 109-1 | 767      | 742      | 733      | 747      | 2.32   | cps   |
| Silver     | 107-1 | 683      | 717      | 775      | 725      | 6.40   | cps   |
| Sodium     | 23-2  | 17167365 | 16960777 | 16761723 | 16963289 | 1.20   | cps   |
| Strontium  | 86-1  | 1946554  | 1937546  | 1947761  | 1943954  | 0.29   | cps   |
| Strontium  | 88-1  | 16594228 | 16716999 | 16880867 | 16730698 | 0.86   | cps   |
| Sulfur     | 34-1  | 854649   | 843978   | 843240   | 847289   | 0.75   | cps   |
| Terbium    | 159-1 | 12498403 | 12598659 | 12441198 | 12512753 | 0.64   | cps   |
| Terbium    | 159-2 | 2195584  | 2167276  | 2155849  | 2172903  | 0.94   | cps   |
| Thallium   | 203-1 | 242      | 392      | 367      | 333      | 24.11  | cps   |
| Thallium   | 205-1 | 892      | 925      | 942      | 920      | 2.77   | cps   |
| Tin        | 118-1 | 19715    | 21026    | 21076    | 20606    | 3.74   | cps   |
| Titanium   | 47-1  | 4568     | 4443     | 4484     | 4498     | 1.42   | cps   |
| Uranium    | 238-1 | 15127    | 14851    | 15377    | 15118    | 1.74   | cps   |
| Vanadium   | 51-2  | 1110     | 1150     | 1160     | 1140     | 2.32   | cps   |
| Yttrium    | 89-1  | 8663310  | 8679796  | 8566880  | 8636662  | 0.71   | cps   |
| Yttrium    | 89-2  | 220075   | 217858   | 217191   | 218375   | 0.69   | cps   |
| Zinc       | 66-2  | 10271    | 9947     | 10417    | 10212    | 2.36   | cps   |

|                         |                     |                   |                     |
|-------------------------|---------------------|-------------------|---------------------|
| LB Number :             | LB97237             | Operator :        | Jaswal              |
| Lab Sample ID :         | J4379-09            | Instrumnet Name : | P8                  |
| Client Sample ID :      | MW-105S             | Dilution Factor : | 1                   |
| Date & Time Acquired :: | 2018-08-10 18:03:31 | DataFile Name :   | 099SMPL_P8081018-MS |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|-----------|------|------|------|------|---------|--------|-------|
| Zirconium | 90-1 | 4576 | 4310 | 4076 | 4321    | 5.79   | cps   |
| Zirconium | 91-1 | 1333 | 1225 | 767  | 1108    | 27.14  | cps   |



|                         |                     |                   |                     |
|-------------------------|---------------------|-------------------|---------------------|
| LB Number :             | LB97237             | Operator :        | Jaswal              |
| Lab Sample ID :         | J4379-10            | Instrumnet Name : | P8                  |
| Client Sample ID :      | MW-105I             | Dilution Factor : | 1                   |
| Date & Time Acquired :: | 2018-08-10 18:06:50 | DataFile Name :   | 100SMPL_P8081018-MS |

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|------------|-------|----------|----------|----------|----------|--------|-------|
| Aluminium  | 27-2  | 353      | 403      | 393      | 383      | 6.92   | cps   |
| Antimony   | 121-1 | 26160    | 27446    | 27888    | 27165    | 3.31   | cps   |
| Arsenic    | 75-2  | 861      | 824      | 857      | 848      | 2.41   | cps   |
| Barium     | 135-1 | 142811   | 146106   | 147588   | 145502   | 1.68   | cps   |
| Barium     | 137-1 | 251737   | 251892   | 255585   | 253071   | 0.86   | cps   |
| Beryllium  | 9-1   | 144      | 106      | 128      | 126      | 15.49  | cps   |
| Bismuth    | 209-1 | 8319067  | 8338889  | 8335915  | 8331290  | 0.13   | cps   |
| Bismuth    | 209-2 | 1889158  | 1786612  | 1871557  | 1849109  | 2.97   | cps   |
| Boron      | 10-1  | 48742    | 50866    | 52154    | 50587    | 3.41   | cps   |
| Boron      | 11-1  | 231435   | 240362   | 239152   | 236983   | 2.04   | cps   |
| Cadmium    | 111-1 | 1286     | 1293     | 1345     | 1308     | 2.45   | cps   |
| Cadmium    | 106-1 | 1742     | 1767     | 1817     | 1775     | 2.15   | cps   |
| Cadmium    | 108-1 | 29       | 33       | 21       | 28       | 22.92  | cps   |
| Calcium    | 43-1  | 244554   | 244441   | 243060   | 244019   | 0.34   | cps   |
| Calcium    | 44-1  | 4065013  | 4050420  | 4050878  | 4055437  | 0.20   | cps   |
| Chromium   | 52-2  | 943      | 913      | 937      | 931      | 1.69   | cps   |
| Cobalt     | 59-2  | 297      | 317      | 283      | 299      | 5.61   | cps   |
| Copper     | 63-2  | 18252    | 18442    | 18876    | 18524    | 1.73   | cps   |
| Dysprosium | 156-1 | 317      | 317      | 417      | 350      | 16.50  | cps   |
| Dysprosium | 156-2 | 93       | 63       | 107      | 88       | 25.29  | cps   |
| Erbium     | 164-1 | 342      | 417      | 458      | 406      | 14.58  | cps   |
| Erbium     | 164-2 | 67       | 60       | 63       | 63       | 5.27   | cps   |
| Gadolinium | 160-1 | 392      | 392      | 400      | 394      | 1.22   | cps   |
| Gadolinium | 160-2 | 130      | 110      | 130      | 123      | 9.36   | cps   |
| Holmium    | 165-1 | 12337179 | 12539074 | 12546489 | 12474247 | 0.95   | cps   |
| Holmium    | 165-2 | 2310165  | 2215217  | 2272816  | 2266066  | 2.11   | cps   |
| Indium     | 115-1 | 8864875  | 8896912  | 8817640  | 8859809  | 0.45   | cps   |
| Indium     | 115-2 | 300117   | 290489   | 300884   | 297163   | 1.95   | cps   |
| Iron       | 56-2  | 963027   | 960573   | 959561   | 961054   | 0.19   | cps   |
| Iron       | 57-2  | 23515    | 24060    | 23993    | 23856    | 1.25   | cps   |
| Krypton    | 83-1  | 273      | 370      | 333      | 326      | 14.99  | cps   |
| Lead       | 206-1 | 40192    | 41151    | 40582    | 40642    | 1.19   | cps   |
| Lead       | 207-1 | 33829    | 34281    | 33968    | 34026    | 0.68   | cps   |
| Lead       | 208-1 | 157534   | 160527   | 158297   | 158786   | 0.98   | cps   |
| Lithium    | 6-1   | 1885651  | 1863214  | 1877138  | 1875334  | 0.60   | cps   |
| Magnesium  | 24-2  | 369918   | 366217   | 366208   | 367448   | 0.58   | cps   |

|                         |                     |                   |                     |
|-------------------------|---------------------|-------------------|---------------------|
| LB Number :             | LB97237             | Operator :        | Jaswal              |
| Lab Sample ID :         | J4379-10            | Instrumnet Name : | P8                  |
| Client Sample ID :      | MW-105I             | Dilution Factor : | 1                   |
| Date & Time Acquired :: | 2018-08-10 18:06:50 | DataFile Name :   | 100SMPL_P8081018-MS |

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|------------|-------|----------|----------|----------|----------|--------|-------|
| Manganese  | 55-2  | 4884     | 4918     | 4878     | 4893     | 0.44   | cps   |
| Molybdenum | 94-1  | 22227    | 22662    | 22428    | 22439    | 0.97   | cps   |
| Molybdenum | 95-1  | 37512    | 37987    | 39007    | 38169    | 2.00   | cps   |
| Molybdenum | 96-1  | 41515    | 40712    | 40704    | 40977    | 1.14   | cps   |
| Molybdenum | 97-1  | 23354    | 24197    | 24389    | 23980    | 2.30   | cps   |
| Molybdenum | 98-1  | 61624    | 61875    | 62437    | 61979    | 0.67   | cps   |
| Neodymium  | 150-1 | 607      | 567      | 507      | 560      | 8.99   | cps   |
| Neodymium  | 150-2 | 70       | 53       | 60       | 61       | 13.73  | cps   |
| Nickel     | 60-2  | 527      | 583      | 577      | 562      | 5.51   | cps   |
| Phosphorus | 31-2  | 167      | 183      | 142      | 164      | 12.80  | cps   |
| Potassium  | 39-2  | 301292   | 298536   | 296860   | 298896   | 0.75   | cps   |
| Rhodium    | 103-1 | 7866672  | 8004282  | 7939448  | 7936801  | 0.87   | cps   |
| Rhodium    | 103-2 | 1992599  | 1937020  | 1987356  | 1972325  | 1.56   | cps   |
| Scandium   | 45-1  | 4444822  | 4460674  | 4460292  | 4455263  | 0.20   | cps   |
| Scandium   | 45-2  | 28342    | 27938    | 28709    | 28330    | 1.36   | cps   |
| Selenium   | 77-2  | 0        | 3        | 0        | 1        | 173.21 | cps   |
| Selenium   | 78-2  | 0        | 2        | 2        | 1        | 86.60  | cps   |
| Selenium   | 82-1  | 172      | 65       | 96       | 111      | 49.87  | cps   |
| Silicon    | 28-1  | 9895842  | 9878342  | 9754691  | 9842958  | 0.78   | cps   |
| Silver     | 109-1 | 733      | 617      | 650      | 667      | 9.01   | cps   |
| Silver     | 107-1 | 783      | 775      | 742      | 767      | 2.88   | cps   |
| Sodium     | 23-2  | 7995331  | 7877537  | 7860670  | 7911179  | 0.93   | cps   |
| Strontium  | 86-1  | 607516   | 612205   | 616401   | 612040   | 0.73   | cps   |
| Strontium  | 88-1  | 5387191  | 5441575  | 5363519  | 5397428  | 0.74   | cps   |
| Sulfur     | 34-1  | 533167   | 534274   | 526513   | 531318   | 0.79   | cps   |
| Terbium    | 159-1 | 12497686 | 12761861 | 12657275 | 12638941 | 1.05   | cps   |
| Terbium    | 159-2 | 2172280  | 2099287  | 2153155  | 2141574  | 1.77   | cps   |
| Thallium   | 203-1 | 500      | 508      | 500      | 503      | 0.96   | cps   |
| Thallium   | 205-1 | 1417     | 1175     | 1167     | 1253     | 11.34  | cps   |
| Tin        | 118-1 | 18998    | 19398    | 18347    | 18914    | 2.81   | cps   |
| Titanium   | 47-1  | 3184     | 2675     | 3568     | 3143     | 14.25  | cps   |
| Uranium    | 238-1 | 16120    | 15602    | 15485    | 15736    | 2.15   | cps   |
| Vanadium   | 51-2  | 1717     | 1660     | 1587     | 1655     | 3.94   | cps   |
| Yttrium    | 89-1  | 8701877  | 8649795  | 8756612  | 8702761  | 0.61   | cps   |
| Yttrium    | 89-2  | 218706   | 210605   | 216270   | 215194   | 1.93   | cps   |
| Zinc       | 66-2  | 16617    | 16523    | 17074    | 16738    | 1.76   | cps   |

|                         |                     |                   |                     |
|-------------------------|---------------------|-------------------|---------------------|
| LB Number :             | LB97237             | Operator :        | Jaswal              |
| Lab Sample ID :         | J4379-10            | Instrumnet Name : | P8                  |
| Client Sample ID :      | MW-105I             | Dilution Factor : | 1                   |
| Date & Time Acquired :: | 2018-08-10 18:06:50 | DataFile Name :   | 100SMPL_P8081018-MS |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|-----------|------|------|------|------|---------|--------|-------|
| Zirconium | 90-1 | 2467 | 2559 | 2575 | 2534    | 2.30   | cps   |
| Zirconium | 91-1 | 467  | 642  | 450  | 519     | 20.44  | cps   |

|                         |                     |                   |                      |
|-------------------------|---------------------|-------------------|----------------------|
| LB Number :             | LB97237             | Operator :        | Jaswal               |
| Lab Sample ID :         | CCV97               | Instrumnet Name : | P8                   |
| Client Sample ID :      | CCV97               | Dilution Factor : | 1                    |
| Date & Time Acquired :: | 2018-08-10 18:34:12 | DataFile Name :   | 102CCV_P8081018-MS.I |

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|------------|-------|----------|----------|----------|----------|--------|-------|
| Aluminium  | 27-2  | 268842   | 269382   | 267680   | 268634   | 0.32   | cps   |
| Antimony   | 121-1 | 4473564  | 4435237  | 4406113  | 4438305  | 0.76   | cps   |
| Arsenic    | 75-2  | 39111    | 39969    | 39150    | 39410    | 1.23   | cps   |
| Barium     | 135-1 | 4835194  | 4761724  | 4784682  | 4793867  | 0.78   | cps   |
| Barium     | 137-1 | 8396364  | 8275166  | 8291180  | 8320903  | 0.79   | cps   |
| Beryllium  | 9-1   | 544595   | 546789   | 540985   | 544123   | 0.54   | cps   |
| Bismuth    | 209-1 | 8040363  | 8148976  | 8261764  | 8150368  | 1.36   | cps   |
| Bismuth    | 209-2 | 1992768  | 1977925  | 2027151  | 1999281  | 1.26   | cps   |
| Boron      | 10-1  | 62914    | 64027    | 64964    | 63968    | 1.60   | cps   |
| Boron      | 11-1  | 295995   | 307924   | 313431   | 305783   | 2.91   | cps   |
| Cadmium    | 111-1 | 913897   | 906681   | 902675   | 907751   | 0.63   | cps   |
| Cadmium    | 106-1 | 100405   | 98820    | 98820    | 99348    | 0.92   | cps   |
| Cadmium    | 108-1 | 65588    | 65509    | 65341    | 65479    | 0.19   | cps   |
| Calcium    | 43-1  | 4485013  | 4564723  | 4496876  | 4515537  | 0.95   | cps   |
| Calcium    | 44-1  | 73553062 | 74085314 | 73690752 | 73776376 | 0.37   | cps   |
| Chromium   | 52-2  | 357322   | 355268   | 358701   | 357097   | 0.48   | cps   |
| Cobalt     | 59-2  | 749837   | 746966   | 745845   | 747550   | 0.28   | cps   |
| Copper     | 63-2  | 1258595  | 1252517  | 1250106  | 1253739  | 0.35   | cps   |
| Dysprosium | 156-1 | 92       | 133      | 117      | 114      | 18.41  | cps   |
| Dysprosium | 156-2 | 23       | 7        | 7        | 12       | 78.69  | cps   |
| Erbium     | 164-1 | 75       | 67       | 67       | 69       | 6.93   | cps   |
| Erbium     | 164-2 | 13       | 3        | 7        | 8        | 65.47  | cps   |
| Gadolinium | 160-1 | 100      | 75       | 125      | 100      | 25.00  | cps   |
| Gadolinium | 160-2 | 17       | 33       | 20       | 23       | 37.78  | cps   |
| Holmium    | 165-1 | 12665619 | 12709647 | 12954126 | 12776464 | 1.22   | cps   |
| Holmium    | 165-2 | 2545932  | 2528016  | 2545429  | 2539792  | 0.40   | cps   |
| Indium     | 115-1 | 9014459  | 9043661  | 9225155  | 9094425  | 1.26   | cps   |
| Indium     | 115-2 | 340990   | 341151   | 342898   | 341679   | 0.31   | cps   |
| Iron       | 56-2  | 58295389 | 58155157 | 57767382 | 58072643 | 0.47   | cps   |
| Iron       | 57-2  | 1472097  | 1488965  | 1480913  | 1480658  | 0.57   | cps   |
| Krypton    | 83-1  | 303      | 280      | 347      | 310      | 10.91  | cps   |
| Lead       | 206-1 | 3215896  | 3198109  | 3207468  | 3207158  | 0.28   | cps   |
| Lead       | 207-1 | 2912227  | 2924180  | 2907296  | 2914568  | 0.30   | cps   |
| Lead       | 208-1 | 13126242 | 13095414 | 13031299 | 13084318 | 0.37   | cps   |
| Lithium    | 6-1   | 1538354  | 1576081  | 1580790  | 1565075  | 1.49   | cps   |
| Magnesium  | 24-2  | 6293614  | 6300921  | 6251280  | 6281938  | 0.43   | cps   |

|                         |                     |                   |                      |
|-------------------------|---------------------|-------------------|----------------------|
| LB Number :             | LB97237             | Operator :        | Jaswal               |
| Lab Sample ID :         | CCV97               | Instrumnet Name : | P8                   |
| Client Sample ID :      | CCV97               | Dilution Factor : | 1                    |
| Date & Time Acquired :: | 2018-08-10 18:34:12 | DataFile Name :   | 102CCV_P8081018-MS.I |

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|------------|-------|----------|----------|----------|----------|--------|-------|
| Manganese  | 55-2  | 193074   | 193588   | 191480   | 192714   | 0.57   | cps   |
| Molybdenum | 94-1  | 7490170  | 7468607  | 7396858  | 7451878  | 0.66   | cps   |
| Molybdenum | 95-1  | 9048204  | 9131186  | 9101725  | 9093705  | 0.46   | cps   |
| Molybdenum | 96-1  | 10142306 | 10211736 | 10125785 | 10159942 | 0.45   | cps   |
| Molybdenum | 97-1  | 5753628  | 5779362  | 5719953  | 5750981  | 0.52   | cps   |
| Molybdenum | 98-1  | 14695760 | 14732799 | 14618338 | 14682299 | 0.40   | cps   |
| Neodymium  | 150-1 | 247      | 293      | 280      | 273      | 8.79   | cps   |
| Neodymium  | 150-2 | 10       | 10       | 13       | 11       | 17.30  | cps   |
| Nickel     | 60-2  | 220198   | 220249   | 220042   | 220163   | 0.05   | cps   |
| Phosphorus | 31-2  | 3000     | 3192     | 2967     | 3053     | 3.98   | cps   |
| Potassium  | 39-2  | 1591997  | 1588536  | 1563132  | 1581222  | 1.00   | cps   |
| Rhodium    | 103-1 | 8170350  | 8211956  | 8301375  | 8227894  | 0.81   | cps   |
| Rhodium    | 103-2 | 2101359  | 2092982  | 2139546  | 2111296  | 1.18   | cps   |
| Scandium   | 45-1  | 5071897  | 5038256  | 5233710  | 5114621  | 2.04   | cps   |
| Scandium   | 45-2  | 34937    | 35234    | 35438    | 35203    | 0.72   | cps   |
| Selenium   | 77-2  | 217      | 253      | 300      | 257      | 16.27  | cps   |
| Selenium   | 78-2  | 848      | 839      | 809      | 832      | 2.44   | cps   |
| Selenium   | 82-1  | 54505    | 54455    | 54248    | 54403    | 0.25   | cps   |
| Silicon    | 28-1  | 1916597  | 1962549  | 1940153  | 1939766  | 1.18   | cps   |
| Silver     | 109-1 | 4336193  | 4283014  | 4286584  | 4301930  | 0.69   | cps   |
| Silver     | 107-1 | 4586111  | 4522401  | 4538174  | 4548895  | 0.73   | cps   |
| Sodium     | 23-2  | 14068884 | 14146916 | 14118777 | 14111526 | 0.28   | cps   |
| Strontium  | 86-1  | 1118066  | 1121260  | 1106240  | 1115189  | 0.71   | cps   |
| Strontium  | 88-1  | 9799597  | 9860021  | 9730665  | 9796761  | 0.66   | cps   |
| Sulfur     | 34-1  | 586129   | 588683   | 585793   | 586868   | 0.27   | cps   |
| Terbium    | 159-1 | 12996829 | 13057081 | 13300110 | 13118007 | 1.22   | cps   |
| Terbium    | 159-2 | 2404913  | 2372849  | 2399230  | 2392331  | 0.72   | cps   |
| Thallium   | 203-1 | 3987625  | 3922771  | 3896205  | 3935534  | 1.19   | cps   |
| Thallium   | 205-1 | 9308980  | 9323706  | 9318952  | 9317213  | 0.08   | cps   |
| Tin        | 118-1 | 3079642  | 3072474  | 3145261  | 3099126  | 1.29   | cps   |
| Titanium   | 47-1  | 2322691  | 2275154  | 2282186  | 2293344  | 1.12   | cps   |
| Uranium    | 238-1 | 13154123 | 13188226 | 13044547 | 13128965 | 0.57   | cps   |
| Vanadium   | 51-2  | 257341   | 259604   | 257732   | 258225   | 0.47   | cps   |
| Yttrium    | 89-1  | 9215330  | 9310539  | 9421663  | 9315844  | 1.11   | cps   |
| Yttrium    | 89-2  | 255513   | 253910   | 257590   | 255671   | 0.72   | cps   |
| Zinc       | 66-2  | 108077   | 109497   | 109666   | 109080   | 0.80   | cps   |

|                         |                     |                   |                      |
|-------------------------|---------------------|-------------------|----------------------|
| LB Number :             | LB97237             | Operator :        | Jaswal               |
| Lab Sample ID :         | CCV97               | Instrumnet Name : | P8                   |
| Client Sample ID :      | CCV97               | Dilution Factor : | 1                    |
| Date & Time Acquired :: | 2018-08-10 18:34:12 | DataFile Name :   | 102CCV_P8081018-MS.I |

| Parameter | Mass | CPS1    | CPS2    | CPS3    | CPSMean | CPSRSD | Units |
|-----------|------|---------|---------|---------|---------|--------|-------|
| Zirconium | 90-1 | 6208463 | 6236153 | 6180620 | 6208412 | 0.45   | cps   |
| Zirconium | 91-1 | 1396192 | 1402364 | 1382562 | 1393706 | 0.73   | cps   |

|                         |                     |                   |                     |
|-------------------------|---------------------|-------------------|---------------------|
| LB Number :             | LB97237             | Operator :        | Jaswal              |
| Lab Sample ID :         | CCB97               | Instrumnet Name : | P8                  |
| Client Sample ID :      | CCB97               | Dilution Factor : | 1                   |
| Date & Time Acquired :: | 2018-08-10 18:41:47 | DataFile Name :   | 103CCBE_P8081018-M5 |

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|------------|-------|----------|----------|----------|----------|--------|-------|
| Aluminium  | 27-2  | 30       | 8        | 35       | 24       | 60.62  | cps   |
| Antimony   | 121-1 | 3067     | 3392     | 3050     | 3170     | 6.08   | cps   |
| Arsenic    | 75-2  | 0        | 7        | 2        | 3        | 124.95 | cps   |
| Barium     | 135-1 | 42       | 25       | 33       | 33       | 25.01  | cps   |
| Barium     | 137-1 | 58       | 117      | 83       | 86       | 33.98  | cps   |
| Beryllium  | 9-1   | 283      | 228      | 222      | 244      | 13.82  | cps   |
| Bismuth    | 209-1 | 8461993  | 8597977  | 7588709  | 8216226  | 6.67   | cps   |
| Bismuth    | 209-2 | 2085216  | 2091856  | 2095371  | 2090814  | 0.25   | cps   |
| Boron      | 10-1  | 1967     | 1892     | 1725     | 1861     | 6.65   | cps   |
| Boron      | 11-1  | 9328     | 8978     | 8069     | 8792     | 7.39   | cps   |
| Cadmium    | 111-1 | 1429     | 1504     | 1151     | 1361     | 13.67  | cps   |
| Cadmium    | 106-1 | 1992     | 2109     | 1609     | 1903     | 13.75  | cps   |
| Cadmium    | 108-1 | 4        | 8        | 13       | 8        | 49.98  | cps   |
| Calcium    | 43-1  | 458      | 492      | 592      | 514      | 13.50  | cps   |
| Calcium    | 44-1  | 13724    | 13140    | 13257    | 13374    | 2.31   | cps   |
| Chromium   | 52-2  | 337      | 363      | 330      | 343      | 5.14   | cps   |
| Cobalt     | 59-2  | 60       | 37       | 47       | 48       | 24.50  | cps   |
| Copper     | 63-2  | 570      | 620      | 520      | 570      | 8.77   | cps   |
| Dysprosium | 156-1 | 17       | 17       | 25       | 19       | 24.73  | cps   |
| Dysprosium | 156-2 | 3        | 0        | 0        | 1        | 173.21 | cps   |
| Erbium     | 164-1 | 33       | 50       | 67       | 50       | 33.34  | cps   |
| Erbium     | 164-2 | 0        | 3        | 10       | 4        | 114.60 | cps   |
| Gadolinium | 160-1 | 100      | 83       | 50       | 78       | 32.73  | cps   |
| Gadolinium | 160-2 | 17       | 20       | 10       | 16       | 32.73  | cps   |
| Holmium    | 165-1 | 12495228 | 12695033 | 11303992 | 12164751 | 6.18   | cps   |
| Holmium    | 165-2 | 2489890  | 2476530  | 2454813  | 2473745  | 0.72   | cps   |
| Indium     | 115-1 | 9259843  | 9427347  | 8514805  | 9067332  | 5.36   | cps   |
| Indium     | 115-2 | 350914   | 348461   | 348966   | 349447   | 0.37   | cps   |
| Iron       | 56-2  | 1984     | 1895     | 2061     | 1980     | 4.21   | cps   |
| Iron       | 57-2  | 28       | 17       | 67       | 37       | 70.88  | cps   |
| Krypton    | 83-1  | 353      | 340      | 360      | 351      | 2.90   | cps   |
| Lead       | 206-1 | 456      | 506      | 517      | 493      | 6.61   | cps   |
| Lead       | 207-1 | 456      | 367      | 361      | 394      | 13.44  | cps   |
| Lead       | 208-1 | 1967     | 1839     | 1645     | 1817     | 8.93   | cps   |
| Lithium    | 6-1   | 1549745  | 1563714  | 1439461  | 1517640  | 4.48   | cps   |
| Magnesium  | 24-2  | 242      | 408      | 275      | 308      | 28.60  | cps   |

|                         |                     |                   |                     |
|-------------------------|---------------------|-------------------|---------------------|
| LB Number :             | LB97237             | Operator :        | Jaswal              |
| Lab Sample ID :         | CCB97               | Instrumnet Name : | P8                  |
| Client Sample ID :      | CCB97               | Dilution Factor : | 1                   |
| Date & Time Acquired :: | 2018-08-10 18:41:47 | DataFile Name :   | 103CCBE_P8081018-M8 |

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|------------|-------|----------|----------|----------|----------|--------|-------|
| Manganese  | 55-2  | 47       | 63       | 50       | 53       | 16.54  | cps   |
| Molybdenum | 94-1  | 1425     | 1383     | 1458     | 1422     | 2.64   | cps   |
| Molybdenum | 95-1  | 1025     | 992      | 1167     | 1061     | 8.76   | cps   |
| Molybdenum | 96-1  | 1217     | 1350     | 1225     | 1264     | 5.91   | cps   |
| Molybdenum | 97-1  | 800      | 575      | 683      | 686      | 16.40  | cps   |
| Molybdenum | 98-1  | 1659     | 1709     | 1500     | 1622     | 6.70   | cps   |
| Neodymium  | 150-1 | 13       | 7        | 7        | 9        | 43.25  | cps   |
| Neodymium  | 150-2 | 3        | 0        | 0        | 1        | 173.21 | cps   |
| Nickel     | 60-2  | 83       | 83       | 113      | 93       | 18.56  | cps   |
| Phosphorus | 31-2  | 0        | 0        | 8        | 3        | 173.21 | cps   |
| Potassium  | 39-2  | 1742     | 1792     | 1775     | 1770     | 1.44   | cps   |
| Rhodium    | 103-1 | 8510990  | 8752504  | 7837209  | 8366901  | 5.67   | cps   |
| Rhodium    | 103-2 | 2231309  | 2233602  | 2234768  | 2233227  | 0.08   | cps   |
| Scandium   | 45-1  | 5104547  | 5177325  | 4624316  | 4968729  | 6.05   | cps   |
| Scandium   | 45-2  | 34817    | 34960    | 34596    | 34791    | 0.53   | cps   |
| Selenium   | 77-2  | 10       | 0        | 0        | 3        | 173.21 | cps   |
| Selenium   | 78-2  | 0        | 4        | 4        | 2        | 86.60  | cps   |
| Selenium   | 82-1  | -46      | -50      | -66      | -54      | -19.88 | cps   |
| Silicon    | 28-1  | 268916   | 266649   | 266982   | 267516   | 0.46   | cps   |
| Silver     | 109-1 | 342      | 317      | 267      | 308      | 12.39  | cps   |
| Silver     | 107-1 | 458      | 383      | 342      | 394      | 14.99  | cps   |
| Sodium     | 23-2  | 7135     | 6727     | 7027     | 6963     | 3.04   | cps   |
| Strontium  | 86-1  | 492      | 508      | 483      | 494      | 2.58   | cps   |
| Strontium  | 88-1  | 233      | 225      | 267      | 242      | 9.12   | cps   |
| Sulfur     | 34-1  | 325798   | 325513   | 322582   | 324631   | 0.55   | cps   |
| Terbium    | 159-1 | 12777331 | 12912299 | 11464454 | 12384694 | 6.46   | cps   |
| Terbium    | 159-2 | 2355208  | 2336350  | 2370750  | 2354103  | 0.73   | cps   |
| Thallium   | 203-1 | 542      | 500      | 500      | 514      | 4.68   | cps   |
| Thallium   | 205-1 | 1133     | 1133     | 1108     | 1125     | 1.28   | cps   |
| Tin        | 118-1 | 2034     | 2209     | 2425     | 2223     | 8.83   | cps   |
| Titanium   | 47-1  | 167      | 108      | 92       | 122      | 32.22  | cps   |
| Uranium    | 238-1 | 67       | 67       | 75       | 69       | 6.93   | cps   |
| Vanadium   | 51-2  | 3        | 7        | 10       | 7        | 50.03  | cps   |
| Yttrium    | 89-1  | 9273472  | 9488992  | 8397604  | 9053356  | 6.38   | cps   |
| Yttrium    | 89-2  | 253416   | 252952   | 255624   | 253997   | 0.56   | cps   |
| Zinc       | 66-2  | 120      | 177      | 197      | 164      | 24.18  | cps   |



|                         |                     |                   |                     |
|-------------------------|---------------------|-------------------|---------------------|
| LB Number :             | LB97237             | Operator :        | Jaswal              |
| Lab Sample ID :         | CCB97               | Instrumnet Name : | P8                  |
| Client Sample ID :      | CCB97               | Dilution Factor : | 1                   |
| Date & Time Acquired :: | 2018-08-10 18:41:47 | DataFile Name :   | 103CCBE_P8081018-MS |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|-----------|------|------|------|------|---------|--------|-------|
| Zirconium | 90-1 | 2559 | 2159 | 2267 | 2328    | 8.89   | cps   |
| Zirconium | 91-1 | 442  | 567  | 542  | 517     | 12.80  | cps   |

|                         |                     |                   |                     |
|-------------------------|---------------------|-------------------|---------------------|
| LB Number :             | LB97237             | Operator :        | Jaswal              |
| Lab Sample ID :         | J4379-11            | Instrumnet Name : | P8                  |
| Client Sample ID :      | MW-105D             | Dilution Factor : | 1                   |
| Date & Time Acquired :: | 2018-08-10 18:45:07 | DataFile Name :   | 104SMPL_P8081018-MS |

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|------------|-------|----------|----------|----------|----------|--------|-------|
| Aluminium  | 27-2  | 138      | 85       | 110      | 111      | 23.70  | cps   |
| Antimony   | 121-1 | 31622    | 31722    | 32666    | 32003    | 1.80   | cps   |
| Arsenic    | 75-2  | 48       | 54       | 76       | 59       | 24.81  | cps   |
| Barium     | 135-1 | 17262    | 17521    | 16945    | 17242    | 1.67   | cps   |
| Barium     | 137-1 | 30620    | 31305    | 31506    | 31143    | 1.49   | cps   |
| Beryllium  | 9-1   | 161      | 200      | 200      | 187      | 12.00  | cps   |
| Bismuth    | 209-1 | 8337756  | 8406223  | 8375318  | 8373099  | 0.41   | cps   |
| Bismuth    | 209-2 | 1879604  | 1869680  | 1882694  | 1877326  | 0.36   | cps   |
| Boron      | 10-1  | 8561     | 8553     | 8403     | 8506     | 1.05   | cps   |
| Boron      | 11-1  | 38904    | 39188    | 39856    | 39316    | 1.24   | cps   |
| Cadmium    | 111-1 | 1429     | 1362     | 1362     | 1384     | 2.78   | cps   |
| Cadmium    | 106-1 | 1700     | 1734     | 1717     | 1717     | 0.97   | cps   |
| Cadmium    | 108-1 | 46       | 38       | 21       | 35       | 36.66  | cps   |
| Calcium    | 43-1  | 67463    | 65369    | 66885    | 66572    | 1.62   | cps   |
| Calcium    | 44-1  | 1089628  | 1078830  | 1076088  | 1081516  | 0.66   | cps   |
| Chromium   | 52-2  | 1183     | 1203     | 1313     | 1233     | 5.68   | cps   |
| Cobalt     | 59-2  | 413      | 340      | 453      | 402      | 14.29  | cps   |
| Copper     | 63-2  | 13497    | 13834    | 13457    | 13596    | 1.52   | cps   |
| Dysprosium | 156-1 | 50       | 42       | 33       | 42       | 20.00  | cps   |
| Dysprosium | 156-2 | 7        | 0        | 10       | 6        | 91.64  | cps   |
| Erbium     | 164-1 | 58       | 75       | 92       | 75       | 22.22  | cps   |
| Erbium     | 164-2 | 3        | 13       | 0        | 6        | 124.93 | cps   |
| Gadolinium | 160-1 | 75       | 100      | 83       | 86       | 14.78  | cps   |
| Gadolinium | 160-2 | 23       | 23       | 20       | 22       | 8.65   | cps   |
| Holmium    | 165-1 | 11872288 | 12152432 | 12191589 | 12072103 | 1.44   | cps   |
| Holmium    | 165-2 | 2228111  | 2210318  | 2186514  | 2208314  | 0.95   | cps   |
| Indium     | 115-1 | 8578931  | 8657252  | 8771515  | 8669233  | 1.12   | cps   |
| Indium     | 115-2 | 296359   | 293540   | 290062   | 293320   | 1.08   | cps   |
| Iron       | 56-2  | 94569    | 93400    | 93786    | 93918    | 0.63   | cps   |
| Iron       | 57-2  | 2550     | 2267     | 2395     | 2404     | 5.90   | cps   |
| Krypton    | 83-1  | 347      | 347      | 320      | 338      | 4.56   | cps   |
| Lead       | 206-1 | 13435    | 13608    | 13391    | 13478    | 0.85   | cps   |
| Lead       | 207-1 | 11561    | 10772    | 11144    | 11159    | 3.54   | cps   |
| Lead       | 208-1 | 52627    | 52060    | 51971    | 52219    | 0.68   | cps   |
| Lithium    | 6-1   | 1667508  | 1742732  | 1764550  | 1724930  | 2.95   | cps   |
| Magnesium  | 24-2  | 55041    | 53368    | 53242    | 53884    | 1.86   | cps   |

|                         |                     |                   |                     |
|-------------------------|---------------------|-------------------|---------------------|
| LB Number :             | LB97237             | Operator :        | Jaswal              |
| Lab Sample ID :         | J4379-11            | Instrumnet Name : | P8                  |
| Client Sample ID :      | MW-105D             | Dilution Factor : | 1                   |
| Date & Time Acquired :: | 2018-08-10 18:45:07 | DataFile Name :   | 104SMPL_P8081018-MS |

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|------------|-------|----------|----------|----------|----------|--------|-------|
| Manganese  | 55-2  | 1150     | 1123     | 1187     | 1153     | 2.76   | cps   |
| Molybdenum | 94-1  | 4985     | 4518     | 4393     | 4632     | 6.74   | cps   |
| Molybdenum | 95-1  | 2875     | 2725     | 2592     | 2731     | 5.19   | cps   |
| Molybdenum | 96-1  | 3859     | 3217     | 3209     | 3428     | 10.88  | cps   |
| Molybdenum | 97-1  | 1775     | 1684     | 1475     | 1645     | 9.35   | cps   |
| Molybdenum | 98-1  | 4259     | 4818     | 4793     | 4623     | 6.82   | cps   |
| Neodymium  | 150-1 | 53       | 47       | 60       | 53       | 12.50  | cps   |
| Neodymium  | 150-2 | 7        | 7        | 0        | 4        | 86.60  | cps   |
| Nickel     | 60-2  | 827      | 773      | 803      | 801      | 3.34   | cps   |
| Phosphorus | 31-2  | 25       | 17       | 0        | 14       | 91.65  | cps   |
| Potassium  | 39-2  | 935463   | 922901   | 924395   | 927586   | 0.74   | cps   |
| Rhodium    | 103-1 | 7775703  | 7869323  | 7938770  | 7861265  | 1.04   | cps   |
| Rhodium    | 103-2 | 1935563  | 1928143  | 1962078  | 1941928  | 0.92   | cps   |
| Scandium   | 45-1  | 4366160  | 4395703  | 4365338  | 4375734  | 0.40   | cps   |
| Scandium   | 45-2  | 28442    | 27504    | 27798    | 27915    | 1.72   | cps   |
| Selenium   | 77-2  | 0        | 3        | 3        | 2        | 86.60  | cps   |
| Selenium   | 78-2  | 4        | 2        | 6        | 4        | 50.09  | cps   |
| Selenium   | 82-1  | 41       | -15      | -8       | 6        | 484.40 | cps   |
| Silicon    | 28-1  | 4879061  | 4927949  | 4830444  | 4879151  | 1.00   | cps   |
| Silver     | 109-1 | 3926     | 3217     | 2525     | 3223     | 21.73  | cps   |
| Silver     | 107-1 | 4218     | 3484     | 2925     | 3542     | 18.29  | cps   |
| Sodium     | 23-2  | 1933303  | 1918247  | 1868487  | 1906679  | 1.78   | cps   |
| Strontium  | 86-1  | 602350   | 603555   | 601597   | 602501   | 0.16   | cps   |
| Strontium  | 88-1  | 5256644  | 5271679  | 5240906  | 5256410  | 0.29   | cps   |
| Sulfur     | 34-1  | 344114   | 337254   | 331464   | 337611   | 1.88   | cps   |
| Terbium    | 159-1 | 12122212 | 12214760 | 12327770 | 12221581 | 0.84   | cps   |
| Terbium    | 159-2 | 2136686  | 2096193  | 2085953  | 2106278  | 1.27   | cps   |
| Thallium   | 203-1 | 2234     | 1717     | 1425     | 1792     | 22.85  | cps   |
| Thallium   | 205-1 | 5585     | 4268     | 3534     | 4462     | 23.29  | cps   |
| Tin        | 118-1 | 19966    | 20717    | 19974    | 20219    | 2.13   | cps   |
| Titanium   | 47-1  | 850      | 875      | 825      | 850      | 2.94   | cps   |
| Uranium    | 238-1 | 10455    | 11055    | 10663    | 10725    | 2.84   | cps   |
| Vanadium   | 51-2  | 1107     | 1140     | 1200     | 1149     | 4.12   | cps   |
| Yttrium    | 89-1  | 8446792  | 8450200  | 8459358  | 8452116  | 0.08   | cps   |
| Yttrium    | 89-2  | 210816   | 210056   | 210325   | 210399   | 0.18   | cps   |
| Zinc       | 66-2  | 6292     | 6608     | 6378     | 6426     | 2.55   | cps   |

|                         |                     |                   |                     |
|-------------------------|---------------------|-------------------|---------------------|
| LB Number :             | LB97237             | Operator :        | Jaswal              |
| Lab Sample ID :         | J4379-11            | Instrumnet Name : | P8                  |
| Client Sample ID :      | MW-105D             | Dilution Factor : | 1                   |
| Date & Time Acquired :: | 2018-08-10 18:45:07 | DataFile Name :   | 104SMPL_P8081018-MS |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|-----------|------|------|------|------|---------|--------|-------|
| Zirconium | 90-1 | 9662 | 8078 | 7911 | 8550    | 11.30  | cps   |
| Zirconium | 91-1 | 2059 | 1884 | 1675 | 1872    | 10.25  | cps   |

|                         |                     |                   |                     |
|-------------------------|---------------------|-------------------|---------------------|
| LB Number :             | LB97237             | Operator :        | Jaswal              |
| Lab Sample ID :         | J4379-12            | Instrumnet Name : | P8                  |
| Client Sample ID :      | MW-103S             | Dilution Factor : | 1                   |
| Date & Time Acquired :: | 2018-08-10 18:48:27 | DataFile Name :   | 105SMPL_P8081018-MS |

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|------------|-------|----------|----------|----------|----------|--------|-------|
| Aluminium  | 27-2  | 753      | 775      | 810      | 779      | 3.72   | cps   |
| Antimony   | 121-1 | 17078    | 16836    | 18397    | 17437    | 4.82   | cps   |
| Arsenic    | 75-2  | 143      | 148      | 135      | 142      | 4.58   | cps   |
| Barium     | 135-1 | 400721   | 408366   | 409849   | 406312   | 1.21   | cps   |
| Barium     | 137-1 | 700616   | 704924   | 720896   | 708812   | 1.51   | cps   |
| Beryllium  | 9-1   | 161      | 200      | 167      | 176      | 11.96  | cps   |
| Bismuth    | 209-1 | 7203119  | 7187176  | 7364392  | 7251562  | 1.35   | cps   |
| Bismuth    | 209-2 | 1693185  | 1767373  | 1779297  | 1746618  | 2.67   | cps   |
| Boron      | 10-1  | 136300   | 140322   | 145809   | 140810   | 3.39   | cps   |
| Boron      | 11-1  | 647473   | 667845   | 690962   | 668760   | 3.25   | cps   |
| Cadmium    | 111-1 | 1230     | 1146     | 1401     | 1259     | 10.35  | cps   |
| Cadmium    | 106-1 | 1634     | 1600     | 1942     | 1725     | 10.92  | cps   |
| Cadmium    | 108-1 | 25       | 29       | 29       | 28       | 8.67   | cps   |
| Calcium    | 43-1  | 1553545  | 1571528  | 1575732  | 1566935  | 0.75   | cps   |
| Calcium    | 44-1  | 24907589 | 25001551 | 25703984 | 25204375 | 1.73   | cps   |
| Chromium   | 52-2  | 1083     | 1037     | 1073     | 1065     | 2.31   | cps   |
| Cobalt     | 59-2  | 597      | 557      | 563      | 572      | 3.74   | cps   |
| Copper     | 63-2  | 4938     | 5008     | 5108     | 5018     | 1.70   | cps   |
| Dysprosium | 156-1 | 283      | 350      | 417      | 350      | 19.05  | cps   |
| Dysprosium | 156-2 | 77       | 100      | 83       | 87       | 13.86  | cps   |
| Erbium     | 164-1 | 283      | 350      | 442      | 358      | 22.18  | cps   |
| Erbium     | 164-2 | 60       | 60       | 67       | 62       | 6.19   | cps   |
| Gadolinium | 160-1 | 350      | 325      | 400      | 358      | 10.66  | cps   |
| Gadolinium | 160-2 | 73       | 97       | 93       | 88       | 14.38  | cps   |
| Holmium    | 165-1 | 11376065 | 11476862 | 11617322 | 11490083 | 1.05   | cps   |
| Holmium    | 165-2 | 2248252  | 2291190  | 2271002  | 2270148  | 0.95   | cps   |
| Indium     | 115-1 | 7973930  | 8040844  | 8300204  | 8104993  | 2.13   | cps   |
| Indium     | 115-2 | 294425   | 300243   | 300591   | 298420   | 1.16   | cps   |
| Iron       | 56-2  | 424396   | 428458   | 430150   | 427668   | 0.69   | cps   |
| Iron       | 57-2  | 10293    | 10938    | 11305    | 10845    | 4.72   | cps   |
| Krypton    | 83-1  | 1050     | 1080     | 1003     | 1045     | 3.70   | cps   |
| Lead       | 206-1 | 21452    | 21246    | 21969    | 21556    | 1.73   | cps   |
| Lead       | 207-1 | 18124    | 18264    | 18269    | 18219    | 0.45   | cps   |
| Lead       | 208-1 | 84222    | 84607    | 85927    | 84919    | 1.05   | cps   |
| Lithium    | 6-1   | 1422448  | 1443528  | 1441043  | 1435673  | 0.80   | cps   |
| Magnesium  | 24-2  | 3249033  | 3308858  | 3320321  | 3292738  | 1.16   | cps   |

|                         |                     |                   |                     |
|-------------------------|---------------------|-------------------|---------------------|
| LB Number :             | LB97237             | Operator :        | Jaswal              |
| Lab Sample ID :         | J4379-12            | Instrumnet Name : | P8                  |
| Client Sample ID :      | MW-103S             | Dilution Factor : | 1                   |
| Date & Time Acquired :: | 2018-08-10 18:48:27 | DataFile Name :   | 105SMPL_P8081018-MS |

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|------------|-------|----------|----------|----------|----------|--------|-------|
| Manganese  | 55-2  | 31272    | 31723    | 31449    | 31481    | 0.72   | cps   |
| Molybdenum | 94-1  | 7653     | 6710     | 6193     | 6852     | 10.80  | cps   |
| Molybdenum | 95-1  | 2550     | 2542     | 2484     | 2525     | 1.44   | cps   |
| Molybdenum | 96-1  | 3967     | 3767     | 3667     | 3801     | 4.02   | cps   |
| Molybdenum | 97-1  | 1700     | 2009     | 1942     | 1884     | 8.61   | cps   |
| Molybdenum | 98-1  | 4117     | 4343     | 4618     | 4359     | 5.75   | cps   |
| Neodymium  | 150-1 | 507      | 347      | 487      | 447      | 19.52  | cps   |
| Neodymium  | 150-2 | 60       | 53       | 60       | 58       | 6.67   | cps   |
| Nickel     | 60-2  | 557      | 527      | 507      | 530      | 4.75   | cps   |
| Phosphorus | 31-2  | 217      | 225      | 175      | 206      | 13.03  | cps   |
| Potassium  | 39-2  | 923494   | 939309   | 938491   | 933764   | 0.95   | cps   |
| Rhodium    | 103-1 | 7091535  | 7177244  | 7323772  | 7197517  | 1.63   | cps   |
| Rhodium    | 103-2 | 1880290  | 1905205  | 1930176  | 1905224  | 1.31   | cps   |
| Scandium   | 45-1  | 4362392  | 4428954  | 4542359  | 4444568  | 2.05   | cps   |
| Scandium   | 45-2  | 29972    | 30644    | 30767    | 30461    | 1.40   | cps   |
| Selenium   | 77-2  | 0        | 3        | 3        | 2        | 86.60  | cps   |
| Selenium   | 78-2  | 2        | 4        | 2        | 2        | 43.30  | cps   |
| Selenium   | 82-1  | 449      | 468      | 513      | 477      | 6.88   | cps   |
| Silicon    | 28-1  | 21783913 | 21934612 | 22412115 | 22043547 | 1.49   | cps   |
| Silver     | 109-1 | 1950     | 1417     | 1258     | 1542     | 23.51  | cps   |
| Silver     | 107-1 | 1967     | 1367     | 1175     | 1503     | 27.48  | cps   |
| Sodium     | 23-2  | 87704350 | 90086335 | 89528865 | 89106517 | 1.40   | cps   |
| Strontium  | 86-1  | 4276651  | 4367346  | 4435593  | 4359864  | 1.83   | cps   |
| Strontium  | 88-1  | 37797902 | 37888344 | 38864180 | 38183475 | 1.55   | cps   |
| Sulfur     | 34-1  | 327848   | 329109   | 334431   | 330463   | 1.06   | cps   |
| Terbium    | 159-1 | 11610861 | 11702671 | 11863371 | 11725634 | 1.09   | cps   |
| Terbium    | 159-2 | 2104573  | 2175822  | 2141739  | 2140711  | 1.66   | cps   |
| Thallium   | 203-1 | 442      | 492      | 342      | 425      | 17.97  | cps   |
| Thallium   | 205-1 | 1133     | 975      | 1333     | 1147     | 15.65  | cps   |
| Tin        | 118-1 | 25793    | 25558    | 26185    | 25845    | 1.23   | cps   |
| Titanium   | 47-1  | 6535     | 6652     | 10171    | 7786     | 26.54  | cps   |
| Uranium    | 238-1 | 725      | 775      | 750      | 750      | 3.33   | cps   |
| Vanadium   | 51-2  | 1653     | 1717     | 1550     | 1640     | 5.13   | cps   |
| Yttrium    | 89-1  | 8271659  | 8357052  | 8373180  | 8333964  | 0.65   | cps   |
| Yttrium    | 89-2  | 220592   | 228082   | 227790   | 225488   | 1.88   | cps   |
| Zinc       | 66-2  | 2227     | 2237     | 2534     | 2332     | 7.47   | cps   |

|                         |                     |                   |                     |
|-------------------------|---------------------|-------------------|---------------------|
| LB Number :             | LB97237             | Operator :        | Jaswal              |
| Lab Sample ID :         | J4379-12            | Instrumnet Name : | P8                  |
| Client Sample ID :      | MW-103S             | Dilution Factor : | 1                   |
| Date & Time Acquired :: | 2018-08-10 18:48:27 | DataFile Name :   | 105SMPL_P8081018-MS |

| Parameter | Mass | CPS1  | CPS2  | CPS3  | CPSMean | CPSRSD | Units |
|-----------|------|-------|-------|-------|---------|--------|-------|
| Zirconium | 90-1 | 15952 | 13766 | 14208 | 14642   | 7.89   | cps   |
| Zirconium | 91-1 | 3417  | 3542  | 2884  | 3281    | 10.66  | cps   |

|                         |                     |                   |                     |
|-------------------------|---------------------|-------------------|---------------------|
| LB Number :             | LB97237             | Operator :        | Jaswal              |
| Lab Sample ID :         | J4379-12DUP         | Instrumnet Name : | P8                  |
| Client Sample ID :      | MW-103SDUP          | Dilution Factor : | 1                   |
| Date & Time Acquired :: | 2018-08-10 18:51:45 | DataFile Name :   | 106SMPL_P8081018-MS |

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|------------|-------|----------|----------|----------|----------|--------|-------|
| Aluminium  | 27-2  | 688      | 838      | 800      | 775      | 10.07  | cps   |
| Antimony   | 121-1 | 17787    | 18764    | 18923    | 18491    | 3.32   | cps   |
| Arsenic    | 75-2  | 113      | 126      | 156      | 131      | 16.61  | cps   |
| Barium     | 135-1 | 423369   | 431421   | 430320   | 428370   | 1.02   | cps   |
| Barium     | 137-1 | 743921   | 763449   | 752064   | 753144   | 1.30   | cps   |
| Beryllium  | 9-1   | 122      | 211      | 167      | 167      | 26.67  | cps   |
| Bismuth    | 209-1 | 7134264  | 7532630  | 7656535  | 7441143  | 3.67   | cps   |
| Bismuth    | 209-2 | 1750835  | 1687108  | 1747123  | 1728355  | 2.07   | cps   |
| Boron      | 10-1  | 151499   | 156662   | 157606   | 155256   | 2.12   | cps   |
| Boron      | 11-1  | 722278   | 742797   | 754423   | 739833   | 2.20   | cps   |
| Cadmium    | 111-1 | 1428     | 1295     | 1301     | 1341     | 5.64   | cps   |
| Cadmium    | 106-1 | 1950     | 1825     | 1792     | 1856     | 4.50   | cps   |
| Cadmium    | 108-1 | 17       | 29       | 29       | 25       | 28.86  | cps   |
| Calcium    | 43-1  | 1651081  | 1674369  | 1647514  | 1657655  | 0.88   | cps   |
| Calcium    | 44-1  | 26315494 | 26945287 | 26651279 | 26637353 | 1.18   | cps   |
| Chromium   | 52-2  | 1070     | 977      | 1017     | 1021     | 4.59   | cps   |
| Cobalt     | 59-2  | 660      | 563      | 620      | 614      | 7.90   | cps   |
| Copper     | 63-2  | 4968     | 5048     | 5178     | 5064     | 2.09   | cps   |
| Dysprosium | 156-1 | 342      | 408      | 408      | 386      | 9.97   | cps   |
| Dysprosium | 156-2 | 60       | 73       | 70       | 68       | 10.24  | cps   |
| Erbium     | 164-1 | 425      | 308      | 408      | 381      | 16.58  | cps   |
| Erbium     | 164-2 | 67       | 70       | 73       | 70       | 4.76   | cps   |
| Gadolinium | 160-1 | 467      | 433      | 533      | 478      | 10.66  | cps   |
| Gadolinium | 160-2 | 83       | 60       | 73       | 72       | 16.21  | cps   |
| Holmium    | 165-1 | 11247623 | 12216723 | 12318867 | 11927738 | 4.96   | cps   |
| Holmium    | 165-2 | 2239424  | 2241955  | 2267084  | 2249487  | 0.68   | cps   |
| Indium     | 115-1 | 7954296  | 8595304  | 8540871  | 8363490  | 4.25   | cps   |
| Indium     | 115-2 | 296248   | 295912   | 299097   | 297086   | 0.59   | cps   |
| Iron       | 56-2  | 425975   | 418342   | 423357   | 422558   | 0.92   | cps   |
| Iron       | 57-2  | 11016    | 10843    | 10971    | 10943    | 0.82   | cps   |
| Krypton    | 83-1  | 1053     | 1193     | 1173     | 1140     | 6.64   | cps   |
| Lead       | 206-1 | 22114    | 23383    | 23278    | 22925    | 3.07   | cps   |
| Lead       | 207-1 | 19154    | 19705    | 19521    | 19460    | 1.44   | cps   |
| Lead       | 208-1 | 88618    | 90683    | 91130    | 90144    | 1.49   | cps   |
| Lithium    | 6-1   | 1459307  | 1523153  | 1529139  | 1503866  | 2.57   | cps   |
| Magnesium  | 24-2  | 3269846  | 3250881  | 3279047  | 3266591  | 0.44   | cps   |



|                         |                     |                   |                     |
|-------------------------|---------------------|-------------------|---------------------|
| LB Number :             | LB97237             | Operator :        | Jaswal              |
| Lab Sample ID :         | J4379-12DUP         | Instrumnet Name : | P8                  |
| Client Sample ID :      | MW-103SDUP          | Dilution Factor : | 1                   |
| Date & Time Acquired :: | 2018-08-10 18:51:45 | DataFile Name :   | 106SMPL_P8081018-MS |

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|------------|-------|----------|----------|----------|----------|--------|-------|
| Manganese  | 55-2  | 31475    | 31212    | 31987    | 31558    | 1.25   | cps   |
| Molybdenum | 94-1  | 5952     | 5743     | 5393     | 5696     | 4.96   | cps   |
| Molybdenum | 95-1  | 2942     | 2834     | 2834     | 2870     | 2.18   | cps   |
| Molybdenum | 96-1  | 3492     | 3642     | 3709     | 3615     | 3.07   | cps   |
| Molybdenum | 97-1  | 1942     | 2034     | 1809     | 1928     | 5.87   | cps   |
| Molybdenum | 98-1  | 4709     | 4901     | 4343     | 4651     | 6.10   | cps   |
| Neodymium  | 150-1 | 440      | 460      | 513      | 471      | 8.05   | cps   |
| Neodymium  | 150-2 | 70       | 100      | 43       | 71       | 39.87  | cps   |
| Nickel     | 60-2  | 573      | 503      | 557      | 544      | 6.72   | cps   |
| Phosphorus | 31-2  | 192      | 192      | 100      | 161      | 32.85  | cps   |
| Potassium  | 39-2  | 923655   | 915533   | 926384   | 921857   | 0.61   | cps   |
| Rhodium    | 103-1 | 7059821  | 7591164  | 7639808  | 7430264  | 4.33   | cps   |
| Rhodium    | 103-2 | 1893345  | 1894804  | 1885341  | 1891163  | 0.27   | cps   |
| Scandium   | 45-1  | 4315236  | 4666348  | 4684951  | 4555512  | 4.57   | cps   |
| Scandium   | 45-2  | 29404    | 29815    | 30019    | 29746    | 1.05   | cps   |
| Selenium   | 77-2  | 0        | 3        | 3        | 2        | 86.60  | cps   |
| Selenium   | 78-2  | 0        | 0        | 0        | 0        | 0.00   | cps   |
| Selenium   | 82-1  | 559      | 413      | 624      | 532      | 20.35  | cps   |
| Silicon    | 28-1  | 23271956 | 23585667 | 23597872 | 23485165 | 0.79   | cps   |
| Silver     | 109-1 | 867      | 783      | 825      | 825      | 5.05   | cps   |
| Silver     | 107-1 | 817      | 983      | 775      | 858      | 12.84  | cps   |
| Sodium     | 23-2  | 89111575 | 87927292 | 88822185 | 88620351 | 0.70   | cps   |
| Strontium  | 86-1  | 4608884  | 4680353  | 4639815  | 4643018  | 0.77   | cps   |
| Strontium  | 88-1  | 40112125 | 40682784 | 40122934 | 40305948 | 0.81   | cps   |
| Sulfur     | 34-1  | 339622   | 344772   | 342784   | 342393   | 0.76   | cps   |
| Terbium    | 159-1 | 11541639 | 12416534 | 12505181 | 12154451 | 4.38   | cps   |
| Terbium    | 159-2 | 2117049  | 2107931  | 2154494  | 2126491  | 1.16   | cps   |
| Thallium   | 203-1 | 308      | 333      | 425      | 356      | 17.28  | cps   |
| Thallium   | 205-1 | 700      | 983      | 875      | 853      | 16.77  | cps   |
| Tin        | 118-1 | 24456    | 25976    | 25191    | 25208    | 3.01   | cps   |
| Titanium   | 47-1  | 6419     | 7931     | 7386     | 7245     | 10.57  | cps   |
| Uranium    | 238-1 | 758      | 683      | 717      | 720      | 5.22   | cps   |
| Vanadium   | 51-2  | 1703     | 1643     | 1570     | 1639     | 4.08   | cps   |
| Yttrium    | 89-1  | 8164281  | 8776089  | 8785421  | 8575264  | 4.15   | cps   |
| Yttrium    | 89-2  | 223023   | 220472   | 222950   | 222148   | 0.65   | cps   |
| Zinc       | 66-2  | 2100     | 1990     | 2260     | 2117     | 6.41   | cps   |

|                         |                     |                   |                     |
|-------------------------|---------------------|-------------------|---------------------|
| LB Number :             | LB97237             | Operator :        | Jaswal              |
| Lab Sample ID :         | J4379-12DUP         | Instrumnet Name : | P8                  |
| Client Sample ID :      | MW-103SDUP          | Dilution Factor : | 1                   |
| Date & Time Acquired :: | 2018-08-10 18:51:45 | DataFile Name :   | 106SMPL_P8081018-MS |

| Parameter | Mass | CPS1  | CPS2  | CPS3  | CPSMean | CPSRSD | Units |
|-----------|------|-------|-------|-------|---------|--------|-------|
| Zirconium | 90-1 | 11105 | 10596 | 10697 | 10799   | 2.50   | cps   |
| Zirconium | 91-1 | 2559  | 2359  | 2484  | 2467    | 4.10   | cps   |

|                         |                     |                   |                     |
|-------------------------|---------------------|-------------------|---------------------|
| LB Number :             | LB97237             | Operator :        | Jaswal              |
| Lab Sample ID :         | J4379-12LX5         | Instrumnet Name : | P8                  |
| Client Sample ID :      | MW-103SL            | Dilution Factor : | 5                   |
| Date & Time Acquired :: | 2018-08-10 18:55:04 | DataFile Name :   | 107SMPL_P8081018-MS |

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|------------|-------|----------|----------|----------|----------|--------|-------|
| Aluminium  | 27-2  | 170      | 223      | 240      | 211      | 17.28  | cps   |
| Antimony   | 121-1 | 4718     | 4184     | 4334     | 4412     | 6.24   | cps   |
| Arsenic    | 75-2  | 26       | 19       | 19       | 21       | 20.38  | cps   |
| Barium     | 135-1 | 87472    | 88797    | 88083    | 88117    | 0.75   | cps   |
| Barium     | 137-1 | 158633   | 155648   | 159326   | 157869   | 1.24   | cps   |
| Beryllium  | 9-1   | 156      | 139      | 183      | 159      | 14.10  | cps   |
| Bismuth    | 209-1 | 8596993  | 8581838  | 8770927  | 8649919  | 1.21   | cps   |
| Bismuth    | 209-2 | 2089284  | 1960524  | 2058362  | 2036057  | 3.30   | cps   |
| Boron      | 10-1  | 35737    | 35854    | 37241    | 36277    | 2.31   | cps   |
| Boron      | 11-1  | 170712   | 172525   | 177298   | 173512   | 1.96   | cps   |
| Cadmium    | 111-1 | 1286     | 1574     | 1656     | 1505     | 12.92  | cps   |
| Cadmium    | 106-1 | 1842     | 2217     | 2359     | 2139     | 12.48  | cps   |
| Cadmium    | 108-1 | 17       | 17       | 4        | 13       | 57.72  | cps   |
| Calcium    | 43-1  | 338336   | 337112   | 346388   | 340612   | 1.48   | cps   |
| Calcium    | 44-1  | 5470746  | 5596583  | 5714817  | 5594049  | 2.18   | cps   |
| Chromium   | 52-2  | 417      | 453      | 423      | 431      | 4.53   | cps   |
| Cobalt     | 59-2  | 153      | 113      | 133      | 133      | 15.00  | cps   |
| Copper     | 63-2  | 1640     | 1750     | 1810     | 1733     | 4.97   | cps   |
| Dysprosium | 156-1 | 100      | 117      | 117      | 111      | 8.66   | cps   |
| Dysprosium | 156-2 | 20       | 27       | 10       | 19       | 44.42  | cps   |
| Erbium     | 164-1 | 125      | 92       | 92       | 103      | 18.73  | cps   |
| Erbium     | 164-2 | 3        | 7        | 20       | 10       | 88.20  | cps   |
| Gadolinium | 160-1 | 100      | 117      | 100      | 106      | 9.11   | cps   |
| Gadolinium | 160-2 | 40       | 37       | 27       | 34       | 20.14  | cps   |
| Holmium    | 165-1 | 13011531 | 13142894 | 13463628 | 13206018 | 1.76   | cps   |
| Holmium    | 165-2 | 2564601  | 2399154  | 2538088  | 2500614  | 3.55   | cps   |
| Indium     | 115-1 | 9390407  | 9447559  | 9510362  | 9449442  | 0.63   | cps   |
| Indium     | 115-2 | 347973   | 322076   | 341781   | 337277   | 4.01   | cps   |
| Iron       | 56-2  | 94105    | 92231    | 92164    | 92833    | 1.19   | cps   |
| Iron       | 57-2  | 2461     | 2528     | 2439     | 2476     | 1.87   | cps   |
| Krypton    | 83-1  | 250      | 340      | 407      | 332      | 23.67  | cps   |
| Lead       | 206-1 | 4934     | 5146     | 5073     | 5051     | 2.12   | cps   |
| Lead       | 207-1 | 4245     | 4201     | 4329     | 4258     | 1.52   | cps   |
| Lead       | 208-1 | 19907    | 20062    | 20157    | 20042    | 0.63   | cps   |
| Lithium    | 6-1   | 1643539  | 1656959  | 1666563  | 1655687  | 0.70   | cps   |
| Magnesium  | 24-2  | 706008   | 705818   | 689708   | 700511   | 1.34   | cps   |

|                         |                     |                   |                     |
|-------------------------|---------------------|-------------------|---------------------|
| LB Number :             | LB97237             | Operator :        | Jaswal              |
| Lab Sample ID :         | J4379-12LX5         | Instrumnet Name : | P8                  |
| Client Sample ID :      | MW-103SL            | Dilution Factor : | 5                   |
| Date & Time Acquired :: | 2018-08-10 18:55:04 | DataFile Name :   | 107SMPL_P8081018-MS |

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|------------|-------|----------|----------|----------|----------|--------|-------|
| Manganese  | 55-2  | 6778     | 6752     | 6862     | 6797     | 0.84   | cps   |
| Molybdenum | 94-1  | 1358     | 1175     | 1283     | 1272     | 7.25   | cps   |
| Molybdenum | 95-1  | 817      | 850      | 658      | 775      | 13.21  | cps   |
| Molybdenum | 96-1  | 767      | 792      | 967      | 842      | 12.95  | cps   |
| Molybdenum | 97-1  | 575      | 575      | 525      | 558      | 5.17   | cps   |
| Molybdenum | 98-1  | 992      | 1075     | 1233     | 1100     | 11.16  | cps   |
| Neodymium  | 150-1 | 73       | 187      | 87       | 116      | 53.61  | cps   |
| Neodymium  | 150-2 | 13       | 17       | 23       | 18       | 28.64  | cps   |
| Nickel     | 60-2  | 127      | 173      | 237      | 179      | 30.86  | cps   |
| Phosphorus | 31-2  | 50       | 67       | 25       | 47       | 44.41  | cps   |
| Potassium  | 39-2  | 203136   | 201049   | 199646   | 201277   | 0.87   | cps   |
| Rhodium    | 103-1 | 8585410  | 8464452  | 8653521  | 8567794  | 1.12   | cps   |
| Rhodium    | 103-2 | 2218080  | 2056484  | 2177181  | 2150582  | 3.91   | cps   |
| Scandium   | 45-1  | 5055453  | 5038383  | 5189535  | 5094457  | 1.62   | cps   |
| Scandium   | 45-2  | 33844    | 31489    | 33076    | 32803    | 3.66   | cps   |
| Selenium   | 77-2  | 0        | 0        | 0        | 0        | 0.00   | cps   |
| Selenium   | 78-2  | 4        | 2        | 0        | 2        | 100.00 | cps   |
| Selenium   | 82-1  | 399      | 351      | 239      | 330      | 24.95  | cps   |
| Silicon    | 28-1  | 5086615  | 5128906  | 5188338  | 5134619  | 1.00   | cps   |
| Silver     | 109-1 | 400      | 350      | 317      | 356      | 11.80  | cps   |
| Silver     | 107-1 | 333      | 450      | 350      | 378      | 16.70  | cps   |
| Sodium     | 23-2  | 19027716 | 19201678 | 19035897 | 19088430 | 0.51   | cps   |
| Strontium  | 86-1  | 946159   | 952015   | 978179   | 958784   | 1.78   | cps   |
| Strontium  | 88-1  | 8342543  | 8367584  | 8497822  | 8402650  | 0.99   | cps   |
| Sulfur     | 34-1  | 325817   | 328752   | 330944   | 328504   | 0.78   | cps   |
| Terbium    | 159-1 | 13318252 | 13333711 | 13584811 | 13412258 | 1.12   | cps   |
| Terbium    | 159-2 | 2439787  | 2253504  | 2405204  | 2366165  | 4.19   | cps   |
| Thallium   | 203-1 | 208      | 150      | 92       | 150      | 38.89  | cps   |
| Thallium   | 205-1 | 458      | 275      | 267      | 333      | 32.50  | cps   |
| Tin        | 118-1 | 5318     | 5777     | 5568     | 5554     | 4.13   | cps   |
| Titanium   | 47-1  | 1884     | 1492     | 1383     | 1586     | 16.60  | cps   |
| Uranium    | 238-1 | 242      | 183      | 117      | 181      | 34.64  | cps   |
| Vanadium   | 51-2  | 323      | 313      | 343      | 327      | 4.68   | cps   |
| Yttrium    | 89-1  | 9462099  | 9506040  | 9689808  | 9552649  | 1.26   | cps   |
| Yttrium    | 89-2  | 253011   | 235930   | 250771   | 246571   | 3.76   | cps   |
| Zinc       | 66-2  | 577      | 613      | 620      | 603      | 3.87   | cps   |

|                         |                     |                   |                     |
|-------------------------|---------------------|-------------------|---------------------|
| LB Number :             | LB97237             | Operator :        | Jaswal              |
| Lab Sample ID :         | J4379-12LX5         | Instrumnet Name : | P8                  |
| Client Sample ID :      | MW-103SL            | Dilution Factor : | 5                   |
| Date & Time Acquired :: | 2018-08-10 18:55:04 | DataFile Name :   | 107SMPL_P8081018-MS |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|-----------|------|------|------|------|---------|--------|-------|
| Zirconium | 90-1 | 2459 | 2626 | 2359 | 2481    | 5.44   | cps   |
| Zirconium | 91-1 | 650  | 458  | 500  | 536     | 18.80  | cps   |

|                         |                     |                   |                     |
|-------------------------|---------------------|-------------------|---------------------|
| LB Number :             | LB97237             | Operator :        | Jaswal              |
| Lab Sample ID :         | J4379-13            | Instrumnet Name : | P8                  |
| Client Sample ID :      | MW-103SMS           | Dilution Factor : | 1                   |
| Date & Time Acquired :: | 2018-08-10 18:58:23 | DataFile Name :   | 108SMPL_P8081018-MS |

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|------------|-------|----------|----------|----------|----------|--------|-------|
| Aluminium  | 27-2  | 38145    | 38271    | 39103    | 38506    | 1.35   | cps   |
| Antimony   | 121-1 | 3971025  | 4050904  | 4103229  | 4041719  | 1.65   | cps   |
| Arsenic    | 75-2  | 30998    | 30897    | 31369    | 31088    | 0.80   | cps   |
| Barium     | 135-1 | 4619508  | 4679873  | 4652803  | 4650728  | 0.65   | cps   |
| Barium     | 137-1 | 7943800  | 8177187  | 8272012  | 8131000  | 2.08   | cps   |
| Beryllium  | 9-1   | 448628   | 454534   | 457824   | 453662   | 1.03   | cps   |
| Bismuth    | 209-1 | 7766395  | 7898215  | 7990357  | 7884989  | 1.43   | cps   |
| Bismuth    | 209-2 | 1625640  | 1689013  | 1718538  | 1677731  | 2.83   | cps   |
| Boron      | 10-1  | 193168   | 200585   | 207352   | 200368   | 3.54   | cps   |
| Boron      | 11-1  | 931524   | 956735   | 990061   | 959440   | 3.06   | cps   |
| Cadmium    | 111-1 | 777923   | 796742   | 806808   | 793824   | 1.85   | cps   |
| Cadmium    | 106-1 | 85203    | 87466    | 88547    | 87072    | 1.96   | cps   |
| Cadmium    | 108-1 | 56807    | 58322    | 58878    | 58002    | 1.85   | cps   |
| Calcium    | 43-1  | 2353889  | 2372293  | 2387758  | 2371313  | 0.72   | cps   |
| Calcium    | 44-1  | 37500600 | 38383457 | 38632864 | 38172307 | 1.56   | cps   |
| Chromium   | 52-2  | 271803   | 272166   | 276132   | 273367   | 0.88   | cps   |
| Cobalt     | 59-2  | 592114   | 597303   | 603381   | 597599   | 0.94   | cps   |
| Copper     | 63-2  | 1014286  | 1026697  | 1035471  | 1025485  | 1.04   | cps   |
| Dysprosium | 156-1 | 458      | 483      | 375      | 439      | 12.93  | cps   |
| Dysprosium | 156-2 | 83       | 60       | 77       | 73       | 16.39  | cps   |
| Erbium     | 164-1 | 400      | 400      | 492      | 431      | 12.29  | cps   |
| Erbium     | 164-2 | 53       | 20       | 53       | 42       | 45.58  | cps   |
| Gadolinium | 160-1 | 350      | 417      | 333      | 367      | 12.03  | cps   |
| Gadolinium | 160-2 | 77       | 100      | 40       | 72       | 41.88  | cps   |
| Holmium    | 165-1 | 12306192 | 12668130 | 12796723 | 12590348 | 2.02   | cps   |
| Holmium    | 165-2 | 2180696  | 2243241  | 2309487  | 2244475  | 2.87   | cps   |
| Indium     | 115-1 | 8511920  | 8646330  | 8827596  | 8661949  | 1.83   | cps   |
| Indium     | 115-2 | 280091   | 288354   | 290578   | 286341   | 1.93   | cps   |
| Iron       | 56-2  | 9371966  | 9451895  | 9371056  | 9398306  | 0.49   | cps   |
| Iron       | 57-2  | 234253   | 235688   | 236094   | 235345   | 0.41   | cps   |
| Krypton    | 83-1  | 1170     | 1200     | 1390     | 1253     | 9.52   | cps   |
| Lead       | 206-1 | 2902959  | 2982960  | 3020139  | 2968686  | 2.02   | cps   |
| Lead       | 207-1 | 2593457  | 2639031  | 2680534  | 2637674  | 1.65   | cps   |
| Lead       | 208-1 | 11736596 | 12007314 | 12132891 | 11958934 | 1.69   | cps   |
| Lithium    | 6-1   | 1480398  | 1516402  | 1548762  | 1515187  | 2.26   | cps   |
| Magnesium  | 24-2  | 3903141  | 3908147  | 3938957  | 3916748  | 0.50   | cps   |

|                         |                     |                   |                     |
|-------------------------|---------------------|-------------------|---------------------|
| LB Number :             | LB97237             | Operator :        | Jaswal              |
| Lab Sample ID :         | J4379-13            | Instrumnet Name : | P8                  |
| Client Sample ID :      | MW-103SMS           | Dilution Factor : | 1                   |
| Date & Time Acquired :: | 2018-08-10 18:58:23 | DataFile Name :   | 108SMPL_P8081018-MS |

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|------------|-------|----------|----------|----------|----------|--------|-------|
| Manganese  | 55-2  | 172571   | 171977   | 175199   | 173249   | 0.99   | cps   |
| Molybdenum | 94-1  | 6513487  | 6605968  | 6746129  | 6621861  | 1.77   | cps   |
| Molybdenum | 95-1  | 7998776  | 8015222  | 8225983  | 8079994  | 1.57   | cps   |
| Molybdenum | 96-1  | 8927137  | 9031763  | 9188967  | 9049289  | 1.46   | cps   |
| Molybdenum | 97-1  | 5061938  | 5150896  | 5197237  | 5136690  | 1.34   | cps   |
| Molybdenum | 98-1  | 12906876 | 13080613 | 13288888 | 13092126 | 1.46   | cps   |
| Neodymium  | 150-1 | 740      | 633      | 560      | 644      | 14.05  | cps   |
| Neodymium  | 150-2 | 67       | 63       | 60       | 63       | 5.27   | cps   |
| Nickel     | 60-2  | 172969   | 173374   | 175524   | 173956   | 0.79   | cps   |
| Phosphorus | 31-2  | 200      | 208      | 183      | 197      | 6.45   | cps   |
| Potassium  | 39-2  | 1041181  | 1041413  | 1056736  | 1046443  | 0.85   | cps   |
| Rhodium    | 103-1 | 7633778  | 7782534  | 7835668  | 7750660  | 1.35   | cps   |
| Rhodium    | 103-2 | 1796961  | 1852185  | 1892846  | 1847331  | 2.61   | cps   |
| Scandium   | 45-1  | 4613697  | 4729067  | 4771437  | 4704734  | 1.74   | cps   |
| Scandium   | 45-2  | 28619    | 29017    | 29715    | 29117    | 1.90   | cps   |
| Selenium   | 77-2  | 210      | 207      | 197      | 204      | 3.40   | cps   |
| Selenium   | 78-2  | 713      | 667      | 676      | 685      | 3.58   | cps   |
| Selenium   | 82-1  | 47138    | 48385    | 48703    | 48075    | 1.72   | cps   |
| Silicon    | 28-1  | 23800835 | 24368914 | 24824421 | 24331390 | 2.11   | cps   |
| Silver     | 109-1 | 3634757  | 3702096  | 3740426  | 3692426  | 1.45   | cps   |
| Silver     | 107-1 | 3863095  | 3965823  | 3981901  | 3936940  | 1.64   | cps   |
| Sodium     | 23-2  | 80725098 | 81283548 | 82237108 | 81415251 | 0.94   | cps   |
| Strontium  | 86-1  | 5274389  | 5389942  | 5422244  | 5362192  | 1.45   | cps   |
| Strontium  | 88-1  | 46155301 | 46806089 | 47729692 | 46897027 | 1.69   | cps   |
| Sulfur     | 34-1  | 335091   | 337816   | 333994   | 335634   | 0.59   | cps   |
| Terbium    | 159-1 | 12485831 | 12795162 | 12956333 | 12745776 | 1.88   | cps   |
| Terbium    | 159-2 | 2069173  | 2106532  | 2161899  | 2112534  | 2.21   | cps   |
| Thallium   | 203-1 | 3553071  | 3675529  | 3679911  | 3636170  | 1.98   | cps   |
| Thallium   | 205-1 | 8420214  | 8647193  | 8691087  | 8586165  | 1.69   | cps   |
| Tin        | 118-1 | 2591428  | 2634257  | 2672827  | 2632837  | 1.55   | cps   |
| Titanium   | 47-1  | 1937045  | 1969838  | 1979810  | 1962231  | 1.14   | cps   |
| Uranium    | 238-1 | 12168239 | 12426948 | 12582744 | 12392644 | 1.69   | cps   |
| Vanadium   | 51-2  | 202135   | 203751   | 206360   | 204082   | 1.04   | cps   |
| Yttrium    | 89-1  | 8778199  | 8937359  | 9055105  | 8923555  | 1.56   | cps   |
| Yttrium    | 89-2  | 211904   | 218281   | 221526   | 217237   | 2.25   | cps   |
| Zinc       | 66-2  | 83107    | 84338    | 85250    | 84232    | 1.28   | cps   |

|                         |                     |                   |                     |
|-------------------------|---------------------|-------------------|---------------------|
| LB Number :             | LB97237             | Operator :        | Jaswal              |
| Lab Sample ID :         | J4379-13            | Instrumnet Name : | P8                  |
| Client Sample ID :      | MW-103SMS           | Dilution Factor : | 1                   |
| Date & Time Acquired :: | 2018-08-10 18:58:23 | DataFile Name :   | 108SMPL_P8081018-MS |

| Parameter | Mass | CPS1    | CPS2    | CPS3    | CPSMean | CPSRSD | Units |
|-----------|------|---------|---------|---------|---------|--------|-------|
| Zirconium | 90-1 | 5474448 | 5487391 | 5651022 | 5537620 | 1.78   | cps   |
| Zirconium | 91-1 | 1200731 | 1222755 | 1243712 | 1222399 | 1.76   | cps   |



|                         |                     |                   |                     |
|-------------------------|---------------------|-------------------|---------------------|
| LB Number :             | LB97237             | Operator :        | Jaswal              |
| Lab Sample ID :         | J4379-14            | Instrumnet Name : | P8                  |
| Client Sample ID :      | MW-103SMSD          | Dilution Factor : | 1                   |
| Date & Time Acquired :: | 2018-08-10 19:01:35 | DataFile Name :   | 109SMPL_P8081018-MS |

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|------------|-------|----------|----------|----------|----------|--------|-------|
| Aluminium  | 27-2  | 40154    | 39753    | 39964    | 39957    | 0.50   | cps   |
| Antimony   | 121-1 | 3876546  | 3971151  | 3949237  | 3932312  | 1.26   | cps   |
| Arsenic    | 75-2  | 32622    | 32212    | 32386    | 32407    | 0.64   | cps   |
| Barium     | 135-1 | 4579597  | 4589304  | 4623388  | 4597430  | 0.50   | cps   |
| Barium     | 137-1 | 7948125  | 8011694  | 8138662  | 8032827  | 1.21   | cps   |
| Beryllium  | 9-1   | 436163   | 440064   | 441767   | 439332   | 0.65   | cps   |
| Bismuth    | 209-1 | 7461521  | 7641300  | 7688504  | 7597108  | 1.58   | cps   |
| Bismuth    | 209-2 | 1765912  | 1765005  | 1736250  | 1755722  | 0.96   | cps   |
| Boron      | 10-1  | 192331   | 197328   | 201004   | 196887   | 2.21   | cps   |
| Boron      | 11-1  | 904060   | 934388   | 957958   | 932135   | 2.90   | cps   |
| Cadmium    | 111-1 | 769052   | 778267   | 785005   | 777441   | 1.03   | cps   |
| Cadmium    | 106-1 | 84112    | 83826    | 85388    | 84442    | 0.98   | cps   |
| Cadmium    | 108-1 | 54656    | 55443    | 56075    | 55391    | 1.28   | cps   |
| Calcium    | 43-1  | 2266095  | 2320768  | 2297268  | 2294710  | 1.20   | cps   |
| Calcium    | 44-1  | 36909681 | 37346172 | 37336102 | 37197318 | 0.67   | cps   |
| Chromium   | 52-2  | 285094   | 283525   | 281639   | 283419   | 0.61   | cps   |
| Cobalt     | 59-2  | 622249   | 613708   | 615873   | 617276   | 0.72   | cps   |
| Copper     | 63-2  | 1068852  | 1061844  | 1058406  | 1063034  | 0.50   | cps   |
| Dysprosium | 156-1 | 308      | 392      | 500      | 400      | 24.03  | cps   |
| Dysprosium | 156-2 | 70       | 50       | 77       | 66       | 21.17  | cps   |
| Erbium     | 164-1 | 325      | 300      | 458      | 361      | 23.57  | cps   |
| Erbium     | 164-2 | 67       | 37       | 63       | 56       | 29.59  | cps   |
| Gadolinium | 160-1 | 525      | 375      | 375      | 425      | 20.38  | cps   |
| Gadolinium | 160-2 | 97       | 67       | 70       | 78       | 21.14  | cps   |
| Holmium    | 165-1 | 11914215 | 12040016 | 12141794 | 12032008 | 0.95   | cps   |
| Holmium    | 165-2 | 2301707  | 2294712  | 2278947  | 2291789  | 0.51   | cps   |
| Indium     | 115-1 | 8131272  | 8278817  | 8391514  | 8267201  | 1.58   | cps   |
| Indium     | 115-2 | 292012   | 291147   | 291334   | 291498   | 0.16   | cps   |
| Iron       | 56-2  | 9802595  | 9709692  | 9702933  | 9738407  | 0.57   | cps   |
| Iron       | 57-2  | 245316   | 244582   | 242389   | 244096   | 0.62   | cps   |
| Krypton    | 83-1  | 1333     | 1370     | 1290     | 1331     | 3.01   | cps   |
| Lead       | 206-1 | 2887528  | 2974656  | 2967160  | 2943115  | 1.64   | cps   |
| Lead       | 207-1 | 2597643  | 2589804  | 2617703  | 2601717  | 0.55   | cps   |
| Lead       | 208-1 | 11687831 | 11881194 | 12002377 | 11857134 | 1.34   | cps   |
| Lithium    | 6-1   | 1462690  | 1484137  | 1479345  | 1475391  | 0.76   | cps   |
| Magnesium  | 24-2  | 4084559  | 4027470  | 4092653  | 4068227  | 0.87   | cps   |

|                         |                     |                   |                     |
|-------------------------|---------------------|-------------------|---------------------|
| LB Number :             | LB97237             | Operator :        | Jaswal              |
| Lab Sample ID :         | J4379-14            | Instrumnet Name : | P8                  |
| Client Sample ID :      | MW-103SMSD          | Dilution Factor : | 1                   |
| Date & Time Acquired :: | 2018-08-10 19:01:35 | DataFile Name :   | 109SMPL_P8081018-MS |

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|------------|-------|----------|----------|----------|----------|--------|-------|
| Manganese  | 55-2  | 180466   | 181502   | 179539   | 180503   | 0.54   | cps   |
| Molybdenum | 94-1  | 6450035  | 6541597  | 6454164  | 6481932  | 0.80   | cps   |
| Molybdenum | 95-1  | 7806119  | 7861843  | 7985615  | 7884526  | 1.17   | cps   |
| Molybdenum | 96-1  | 8769159  | 8840010  | 8807341  | 8805503  | 0.40   | cps   |
| Molybdenum | 97-1  | 5025616  | 4997088  | 5064732  | 5029145  | 0.68   | cps   |
| Molybdenum | 98-1  | 12632266 | 12760355 | 12895454 | 12762692 | 1.03   | cps   |
| Neodymium  | 150-1 | 607      | 720      | 733      | 687      | 10.14  | cps   |
| Neodymium  | 150-2 | 47       | 47       | 67       | 53       | 21.65  | cps   |
| Nickel     | 60-2  | 182272   | 180347   | 178429   | 180349   | 1.07   | cps   |
| Phosphorus | 31-2  | 150      | 200      | 108      | 153      | 30.04  | cps   |
| Potassium  | 39-2  | 1094427  | 1087300  | 1082668  | 1088132  | 0.54   | cps   |
| Rhodium    | 103-1 | 7281651  | 7331600  | 7428991  | 7347414  | 1.02   | cps   |
| Rhodium    | 103-2 | 1891588  | 1889378  | 1867700  | 1882889  | 0.70   | cps   |
| Scandium   | 45-1  | 4385770  | 4482223  | 4451393  | 4439796  | 1.11   | cps   |
| Scandium   | 45-2  | 29397    | 29294    | 29374    | 29355    | 0.18   | cps   |
| Selenium   | 77-2  | 243      | 253      | 233      | 243      | 4.11   | cps   |
| Selenium   | 78-2  | 739      | 648      | 687      | 691      | 6.59   | cps   |
| Selenium   | 82-1  | 45830    | 46774    | 46490    | 46364    | 1.05   | cps   |
| Silicon    | 28-1  | 23121529 | 23951603 | 23996782 | 23689971 | 2.08   | cps   |
| Silver     | 109-1 | 3578052  | 3640004  | 3630392  | 3616149  | 0.92   | cps   |
| Silver     | 107-1 | 3812068  | 3857199  | 3880771  | 3850012  | 0.91   | cps   |
| Sodium     | 23-2  | 84561862 | 84832246 | 84041283 | 84478464 | 0.48   | cps   |
| Strontium  | 86-1  | 5189688  | 5315290  | 5290089  | 5265022  | 1.26   | cps   |
| Strontium  | 88-1  | 45542366 | 46141059 | 46108314 | 45930579 | 0.73   | cps   |
| Sulfur     | 34-1  | 313721   | 315859   | 311818   | 313799   | 0.64   | cps   |
| Terbium    | 159-1 | 12049270 | 12202370 | 12394159 | 12215266 | 1.41   | cps   |
| Terbium    | 159-2 | 2187525  | 2153144  | 2149673  | 2163447  | 0.97   | cps   |
| Thallium   | 203-1 | 3573108  | 3620342  | 3625109  | 3606186  | 0.80   | cps   |
| Thallium   | 205-1 | 8396038  | 8587507  | 8538236  | 8507260  | 1.17   | cps   |
| Tin        | 118-1 | 2560827  | 2618930  | 2608231  | 2595996  | 1.19   | cps   |
| Titanium   | 47-1  | 1876832  | 1944262  | 1921682  | 1914259  | 1.79   | cps   |
| Uranium    | 238-1 | 12055523 | 12249376 | 12352773 | 12219224 | 1.23   | cps   |
| Vanadium   | 51-2  | 211623   | 210888   | 210154   | 210888   | 0.35   | cps   |
| Yttrium    | 89-1  | 8395610  | 8485243  | 8488990  | 8456614  | 0.63   | cps   |
| Yttrium    | 89-2  | 221306   | 220879   | 219711   | 220632   | 0.37   | cps   |
| Zinc       | 66-2  | 88161    | 88379    | 88224    | 88255    | 0.13   | cps   |

|                         |                     |                   |                     |
|-------------------------|---------------------|-------------------|---------------------|
| LB Number :             | LB97237             | Operator :        | Jaswal              |
| Lab Sample ID :         | J4379-14            | Instrumnet Name : | P8                  |
| Client Sample ID :      | MW-103SMSD          | Dilution Factor : | 1                   |
| Date & Time Acquired :: | 2018-08-10 19:01:35 | DataFile Name :   | 109SMPL_P8081018-MS |

| Parameter | Mass | CPS1    | CPS2    | CPS3    | CPSMean | CPSRSD | Units |
|-----------|------|---------|---------|---------|---------|--------|-------|
| Zirconium | 90-1 | 5363717 | 5413250 | 5424276 | 5400414 | 0.60   | cps   |
| Zirconium | 91-1 | 1186847 | 1197115 | 1195452 | 1193138 | 0.46   | cps   |

|                         |                     |                   |                     |
|-------------------------|---------------------|-------------------|---------------------|
| LB Number :             | LB97237             | Operator :        | Jaswal              |
| Lab Sample ID :         | J4379-12A           | Instrumnet Name : | P8                  |
| Client Sample ID :      | MW-103SA            | Dilution Factor : | 1                   |
| Date & Time Acquired :: | 2018-08-10 19:04:46 | DataFile Name :   | 110SMPL_P8081018-MS |

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|------------|-------|----------|----------|----------|----------|--------|-------|
| Aluminium  | 27-2  | 38554    | 37945    | 37622    | 38040    | 1.24   | cps   |
| Antimony   | 121-1 | 3941668  | 3880520  | 3855032  | 3892407  | 1.14   | cps   |
| Arsenic    | 75-2  | 30448    | 30370    | 30825    | 30548    | 0.80   | cps   |
| Barium     | 135-1 | 4554178  | 4542873  | 4519978  | 4539010  | 0.38   | cps   |
| Barium     | 137-1 | 8028667  | 7897416  | 7862235  | 7929440  | 1.11   | cps   |
| Beryllium  | 9-1   | 433310   | 433190   | 428657   | 431719   | 0.61   | cps   |
| Bismuth    | 209-1 | 7567103  | 7634369  | 7557118  | 7586197  | 0.55   | cps   |
| Bismuth    | 209-2 | 1643058  | 1628427  | 1628728  | 1633404  | 0.51   | cps   |
| Boron      | 10-1  | 192152   | 193571   | 192767   | 192830   | 0.37   | cps   |
| Boron      | 11-1  | 907807   | 927239   | 928350   | 921132   | 1.25   | cps   |
| Cadmium    | 111-1 | 763543   | 769093   | 760163   | 764266   | 0.59   | cps   |
| Cadmium    | 106-1 | 84523    | 83281    | 81714    | 83172    | 1.69   | cps   |
| Cadmium    | 108-1 | 55752    | 54782    | 54615    | 55050    | 1.12   | cps   |
| Calcium    | 43-1  | 2266296  | 2247968  | 2213722  | 2242662  | 1.19   | cps   |
| Calcium    | 44-1  | 36671380 | 36346242 | 36155790 | 36391138 | 0.72   | cps   |
| Chromium   | 52-2  | 270396   | 268578   | 263718   | 267564   | 1.29   | cps   |
| Cobalt     | 59-2  | 592577   | 582705   | 577925   | 584402   | 1.28   | cps   |
| Copper     | 63-2  | 1017917  | 1007356  | 997239   | 1007504  | 1.03   | cps   |
| Dysprosium | 156-1 | 375      | 483      | 400      | 419      | 13.52  | cps   |
| Dysprosium | 156-2 | 43       | 67       | 53       | 54       | 21.51  | cps   |
| Erbium     | 164-1 | 358      | 392      | 325      | 358      | 9.30   | cps   |
| Erbium     | 164-2 | 50       | 73       | 53       | 59       | 21.44  | cps   |
| Gadolinium | 160-1 | 425      | 425      | 442      | 431      | 2.23   | cps   |
| Gadolinium | 160-2 | 80       | 83       | 93       | 86       | 8.11   | cps   |
| Holmium    | 165-1 | 12053618 | 12249456 | 11958987 | 12087354 | 1.23   | cps   |
| Holmium    | 165-2 | 2221339  | 2196564  | 2203818  | 2207241  | 0.58   | cps   |
| Indium     | 115-1 | 8280202  | 8323306  | 8107341  | 8236950  | 1.39   | cps   |
| Indium     | 115-2 | 284903   | 277300   | 278666   | 280290   | 1.45   | cps   |
| Iron       | 56-2  | 9307403  | 9192714  | 9100198  | 9200105  | 1.13   | cps   |
| Iron       | 57-2  | 234501   | 229904   | 227991   | 230799   | 1.45   | cps   |
| Krypton    | 83-1  | 1233     | 1197     | 1223     | 1218     | 1.56   | cps   |
| Lead       | 206-1 | 2908603  | 2911016  | 2876980  | 2898866  | 0.66   | cps   |
| Lead       | 207-1 | 2550925  | 2582703  | 2520019  | 2551215  | 1.23   | cps   |
| Lead       | 208-1 | 11711753 | 11727458 | 11505112 | 11648108 | 1.07   | cps   |
| Lithium    | 6-1   | 1474692  | 1505132  | 1440252  | 1473359  | 2.20   | cps   |
| Magnesium  | 24-2  | 3847238  | 3831970  | 3803336  | 3827515  | 0.58   | cps   |

|                         |                     |                   |                     |
|-------------------------|---------------------|-------------------|---------------------|
| LB Number :             | LB97237             | Operator :        | Jaswal              |
| Lab Sample ID :         | J4379-12A           | Instrumnet Name : | P8                  |
| Client Sample ID :      | MW-103SA            | Dilution Factor : | 1                   |
| Date & Time Acquired :: | 2018-08-10 19:04:46 | DataFile Name :   | 110SMPL_P8081018-MS |

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|------------|-------|----------|----------|----------|----------|--------|-------|
| Manganese  | 55-2  | 172803   | 170165   | 167884   | 170284   | 1.45   | cps   |
| Molybdenum | 94-1  | 6409432  | 6390180  | 6319253  | 6372955  | 0.75   | cps   |
| Molybdenum | 95-1  | 7746329  | 7898012  | 7752383  | 7798908  | 1.10   | cps   |
| Molybdenum | 96-1  | 8719265  | 8791653  | 8588962  | 8699960  | 1.18   | cps   |
| Molybdenum | 97-1  | 4993686  | 4974539  | 4900199  | 4956141  | 1.00   | cps   |
| Molybdenum | 98-1  | 12636306 | 12753542 | 12462834 | 12617561 | 1.16   | cps   |
| Neodymium  | 150-1 | 560      | 727      | 627      | 638      | 13.15  | cps   |
| Neodymium  | 150-2 | 67       | 53       | 67       | 62       | 12.38  | cps   |
| Nickel     | 60-2  | 172904   | 170243   | 168006   | 170384   | 1.44   | cps   |
| Phosphorus | 31-2  | 183      | 192      | 192      | 189      | 2.55   | cps   |
| Potassium  | 39-2  | 1035464  | 1019441  | 1007672  | 1020859  | 1.37   | cps   |
| Rhodium    | 103-1 | 7403728  | 7448273  | 7251582  | 7367861  | 1.40   | cps   |
| Rhodium    | 103-2 | 1861047  | 1791154  | 1790871  | 1814357  | 2.23   | cps   |
| Scandium   | 45-1  | 4443290  | 4468447  | 4396659  | 4436132  | 0.82   | cps   |
| Scandium   | 45-2  | 28392    | 27828    | 26819    | 27680    | 2.88   | cps   |
| Selenium   | 77-2  | 180      | 160      | 203      | 181      | 11.98  | cps   |
| Selenium   | 78-2  | 676      | 657      | 635      | 656      | 3.11   | cps   |
| Selenium   | 82-1  | 45715    | 46049    | 45149    | 45638    | 1.00   | cps   |
| Silicon    | 28-1  | 23386094 | 23457195 | 23238758 | 23360682 | 0.48   | cps   |
| Silver     | 109-1 | 3600556  | 3621059  | 3570784  | 3597466  | 0.70   | cps   |
| Silver     | 107-1 | 3809522  | 3829940  | 3775442  | 3804968  | 0.72   | cps   |
| Sodium     | 23-2  | 80490293 | 79560014 | 78795962 | 79615423 | 1.07   | cps   |
| Strontium  | 86-1  | 5156152  | 5211176  | 5079031  | 5148786  | 1.29   | cps   |
| Strontium  | 88-1  | 44946814 | 45123743 | 44458207 | 44842921 | 0.77   | cps   |
| Sulfur     | 34-1  | 313797   | 311847   | 311353   | 312332   | 0.41   | cps   |
| Terbium    | 159-1 | 12285383 | 12393956 | 12174917 | 12284752 | 0.89   | cps   |
| Terbium    | 159-2 | 2106462  | 2068172  | 2076112  | 2083582  | 0.97   | cps   |
| Thallium   | 203-1 | 3574169  | 3606303  | 3521513  | 3567329  | 1.20   | cps   |
| Thallium   | 205-1 | 8452139  | 8555685  | 8338247  | 8448690  | 1.29   | cps   |
| Tin        | 118-1 | 2598660  | 2579496  | 2554914  | 2577690  | 0.85   | cps   |
| Titanium   | 47-1  | 1882358  | 1892656  | 1843034  | 1872683  | 1.40   | cps   |
| Uranium    | 238-1 | 11993343 | 12201372 | 11790811 | 11995176 | 1.71   | cps   |
| Vanadium   | 51-2  | 201503   | 199745   | 197236   | 199495   | 1.07   | cps   |
| Yttrium    | 89-1  | 8428224  | 8450587  | 8271582  | 8383464  | 1.16   | cps   |
| Yttrium    | 89-2  | 213952   | 208732   | 209792   | 210825   | 1.31   | cps   |
| Zinc       | 66-2  | 83174    | 82477    | 81856    | 82502    | 0.80   | cps   |

|                         |                     |                   |                     |
|-------------------------|---------------------|-------------------|---------------------|
| LB Number :             | LB97237             | Operator :        | Jaswal              |
| Lab Sample ID :         | J4379-12A           | Instrumnet Name : | P8                  |
| Client Sample ID :      | MW-103SA            | Dilution Factor : | 1                   |
| Date & Time Acquired :: | 2018-08-10 19:04:46 | DataFile Name :   | 110SMPL_P8081018-MS |

| Parameter | Mass | CPS1    | CPS2    | CPS3    | CPSMean | CPSRSD | Units |
|-----------|------|---------|---------|---------|---------|--------|-------|
| Zirconium | 90-1 | 5271329 | 5329627 | 5271987 | 5290981 | 0.63   | cps   |
| Zirconium | 91-1 | 1174531 | 1182397 | 1164271 | 1173733 | 0.77   | cps   |

|                         |                     |                   |                     |
|-------------------------|---------------------|-------------------|---------------------|
| LB Number :             | LB97237             | Operator :        | Jaswal              |
| Lab Sample ID :         | J4379-15            | Instrumnet Name : | P8                  |
| Client Sample ID :      | MW-104I             | Dilution Factor : | 1                   |
| Date & Time Acquired :: | 2018-08-10 19:07:59 | DataFile Name :   | 111SMPL_P8081018-MS |

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|------------|-------|----------|----------|----------|----------|--------|-------|
| Aluminium  | 27-2  | 190      | 173      | 118      | 160      | 23.65  | cps   |
| Antimony   | 121-1 | 17813    | 19615    | 20450    | 19292    | 6.99   | cps   |
| Arsenic    | 75-2  | 694      | 761      | 709      | 722      | 4.85   | cps   |
| Barium     | 135-1 | 337593   | 334960   | 341187   | 337913   | 0.93   | cps   |
| Barium     | 137-1 | 591326   | 590785   | 592457   | 591523   | 0.14   | cps   |
| Beryllium  | 9-1   | 456      | 439      | 428      | 441      | 3.17   | cps   |
| Bismuth    | 209-1 | 7960653  | 8032414  | 8125998  | 8039688  | 1.03   | cps   |
| Bismuth    | 209-2 | 1620275  | 1748369  | 1722463  | 1697036  | 3.99   | cps   |
| Boron      | 10-1  | 61424    | 62530    | 62578    | 62177    | 1.05   | cps   |
| Boron      | 11-1  | 284417   | 289031   | 297253   | 290234   | 2.24   | cps   |
| Cadmium    | 111-1 | 1267     | 1075     | 1326     | 1222     | 10.75  | cps   |
| Cadmium    | 106-1 | 1634     | 1383     | 1759     | 1592     | 12.00  | cps   |
| Cadmium    | 108-1 | 50       | 21       | 25       | 32       | 49.39  | cps   |
| Calcium    | 43-1  | 225804   | 224713   | 223977   | 224831   | 0.41   | cps   |
| Calcium    | 44-1  | 3657266  | 3690082  | 3688419  | 3678589  | 0.50   | cps   |
| Chromium   | 52-2  | 623      | 523      | 463      | 537      | 15.06  | cps   |
| Cobalt     | 59-2  | 1307     | 1237     | 1330     | 1291     | 3.76   | cps   |
| Copper     | 63-2  | 5815     | 5388     | 5474     | 5559     | 4.06   | cps   |
| Dysprosium | 156-1 | 125      | 192      | 117      | 144      | 28.46  | cps   |
| Dysprosium | 156-2 | 33       | 40       | 33       | 36       | 10.83  | cps   |
| Erbium     | 164-1 | 175      | 125      | 192      | 164      | 21.17  | cps   |
| Erbium     | 164-2 | 27       | 37       | 37       | 33       | 17.32  | cps   |
| Gadolinium | 160-1 | 233      | 175      | 183      | 197      | 16.00  | cps   |
| Gadolinium | 160-2 | 40       | 23       | 30       | 31       | 26.97  | cps   |
| Holmium    | 165-1 | 11931276 | 12214880 | 12082504 | 12076220 | 1.18   | cps   |
| Holmium    | 165-2 | 1969661  | 2146925  | 2145601  | 2087396  | 4.88   | cps   |
| Indium     | 115-1 | 8286082  | 8344872  | 8344887  | 8325280  | 0.41   | cps   |
| Indium     | 115-2 | 252317   | 273130   | 270491   | 265313   | 4.27   | cps   |
| Iron       | 56-2  | 893300   | 879550   | 867680   | 880177   | 1.46   | cps   |
| Iron       | 57-2  | 22062    | 22079    | 22112    | 22085    | 0.12   | cps   |
| Krypton    | 83-1  | 313      | 337      | 297      | 316      | 6.37   | cps   |
| Lead       | 206-1 | 11817    | 11450    | 11444    | 11570    | 1.85   | cps   |
| Lead       | 207-1 | 9687     | 9810     | 10444    | 9980     | 4.07   | cps   |
| Lead       | 208-1 | 45522    | 45834    | 46390    | 45915    | 0.96   | cps   |
| Lithium    | 6-1   | 1806674  | 1831057  | 1854075  | 1830602  | 1.29   | cps   |
| Magnesium  | 24-2  | 572283   | 562261   | 557877   | 564140   | 1.31   | cps   |

|                         |                     |                   |                     |
|-------------------------|---------------------|-------------------|---------------------|
| LB Number :             | LB97237             | Operator :        | Jaswal              |
| Lab Sample ID :         | J4379-15            | Instrumnet Name : | P8                  |
| Client Sample ID :      | MW-104I             | Dilution Factor : | 1                   |
| Date & Time Acquired :: | 2018-08-10 19:07:59 | DataFile Name :   | 111SMPL_P8081018-MS |

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|------------|-------|----------|----------|----------|----------|--------|-------|
| Manganese  | 55-2  | 121997   | 119512   | 115761   | 119090   | 2.64   | cps   |
| Molybdenum | 94-1  | 16411    | 15618    | 14925    | 15651    | 4.75   | cps   |
| Molybdenum | 95-1  | 21267    | 21476    | 22085    | 21610    | 1.97   | cps   |
| Molybdenum | 96-1  | 24214    | 23563    | 24039    | 23939    | 1.41   | cps   |
| Molybdenum | 97-1  | 14125    | 13874    | 13708    | 13902    | 1.51   | cps   |
| Molybdenum | 98-1  | 35915    | 35874    | 36517    | 36102    | 1.00   | cps   |
| Neodymium  | 150-1 | 240      | 193      | 200      | 211      | 11.96  | cps   |
| Neodymium  | 150-2 | 20       | 17       | 13       | 17       | 20.01  | cps   |
| Nickel     | 60-2  | 480      | 440      | 447      | 456      | 4.71   | cps   |
| Phosphorus | 31-2  | 83       | 100      | 50       | 78       | 32.74  | cps   |
| Potassium  | 39-2  | 399215   | 395129   | 386845   | 393729   | 1.60   | cps   |
| Rhodium    | 103-1 | 7367351  | 7458803  | 7437764  | 7421306  | 0.65   | cps   |
| Rhodium    | 103-2 | 1661125  | 1812064  | 1782312  | 1751834  | 4.56   | cps   |
| Scandium   | 45-1  | 4125692  | 4102449  | 4179715  | 4135952  | 0.96   | cps   |
| Scandium   | 45-2  | 23059    | 25003    | 24401    | 24154    | 4.12   | cps   |
| Selenium   | 77-2  | 0        | 3        | 0        | 1        | 173.21 | cps   |
| Selenium   | 78-2  | 0        | 0        | 4        | 1        | 173.21 | cps   |
| Selenium   | 82-1  | 153      | 183      | 192      | 176      | 11.54  | cps   |
| Silicon    | 28-1  | 17878770 | 17677745 | 17730159 | 17762225 | 0.59   | cps   |
| Silver     | 109-1 | 925      | 842      | 833      | 867      | 5.85   | cps   |
| Silver     | 107-1 | 908      | 833      | 850      | 864      | 4.56   | cps   |
| Sodium     | 23-2  | 8548842  | 8371735  | 8334607  | 8418395  | 1.36   | cps   |
| Strontium  | 86-1  | 599822   | 606417   | 609779   | 605340   | 0.84   | cps   |
| Strontium  | 88-1  | 5343804  | 5322532  | 5341781  | 5336039  | 0.22   | cps   |
| Sulfur     | 34-1  | 515345   | 505295   | 509502   | 510047   | 0.99   | cps   |
| Terbium    | 159-1 | 12045604 | 12222992 | 12179984 | 12149527 | 0.76   | cps   |
| Terbium    | 159-2 | 1872958  | 2032383  | 2019162  | 1974834  | 4.48   | cps   |
| Thallium   | 203-1 | 917      | 908      | 858      | 895      | 3.53   | cps   |
| Thallium   | 205-1 | 3009     | 2517     | 2325     | 2617     | 13.47  | cps   |
| Tin        | 118-1 | 46206    | 44115    | 43371    | 44564    | 3.30   | cps   |
| Titanium   | 47-1  | 1358     | 1443     | 1267     | 1356     | 6.48   | cps   |
| Uranium    | 238-1 | 15961    | 15877    | 16578    | 16139    | 2.37   | cps   |
| Vanadium   | 51-2  | 110      | 113      | 97       | 107      | 8.27   | cps   |
| Yttrium    | 89-1  | 8130234  | 8161813  | 8210719  | 8167589  | 0.50   | cps   |
| Yttrium    | 89-2  | 180108   | 195730   | 192874   | 189571   | 4.39   | cps   |
| Zinc       | 66-2  | 3804     | 3831     | 3564     | 3733     | 3.94   | cps   |



|                         |                     |                   |                     |
|-------------------------|---------------------|-------------------|---------------------|
| LB Number :             | LB97237             | Operator :        | Jaswal              |
| Lab Sample ID :         | J4379-15            | Instrumnet Name : | P8                  |
| Client Sample ID :      | MW-104I             | Dilution Factor : | 1                   |
| Date & Time Acquired :: | 2018-08-10 19:07:59 | DataFile Name :   | 111SMPL_P8081018-MS |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|-----------|------|------|------|------|---------|--------|-------|
| Zirconium | 90-1 | 9345 | 7361 | 6719 | 7808    | 17.54  | cps   |
| Zirconium | 91-1 | 2267 | 1784 | 1400 | 1817    | 23.91  | cps   |

|                         |                     |                   |                     |
|-------------------------|---------------------|-------------------|---------------------|
| LB Number :             | LB97237             | Operator :        | Jaswal              |
| Lab Sample ID :         | J4379-16            | Instrumnet Name : | P8                  |
| Client Sample ID :      | MW-104D             | Dilution Factor : | 1                   |
| Date & Time Acquired :: | 2018-08-10 19:11:18 | DataFile Name :   | 112SMPL_P8081018-MS |

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|------------|-------|----------|----------|----------|----------|--------|-------|
| Aluminium  | 27-2  | 975      | 868      | 888      | 910      | 6.28   | cps   |
| Antimony   | 121-1 | 23914    | 25742    | 25642    | 25099    | 4.10   | cps   |
| Arsenic    | 75-2  | 246      | 226      | 191      | 221      | 12.72  | cps   |
| Barium     | 135-1 | 130639   | 132901   | 131859   | 131800   | 0.86   | cps   |
| Barium     | 137-1 | 229457   | 234140   | 231874   | 231824   | 1.01   | cps   |
| Beryllium  | 9-1   | 333      | 261      | 322      | 306      | 12.73  | cps   |
| Bismuth    | 209-1 | 6262204  | 6362342  | 6288031  | 6304192  | 0.82   | cps   |
| Bismuth    | 209-2 | 1475452  | 1471213  | 1475631  | 1474099  | 0.17   | cps   |
| Boron      | 10-1  | 383235   | 406606   | 407811   | 399218   | 3.47   | cps   |
| Boron      | 11-1  | 1859035  | 1949449  | 2001053  | 1936512  | 3.71   | cps   |
| Cadmium    | 111-1 | 1294     | 1403     | 1071     | 1256     | 13.46  | cps   |
| Cadmium    | 106-1 | 1750     | 1967     | 1525     | 1747     | 12.64  | cps   |
| Cadmium    | 108-1 | 50       | 46       | 54       | 50       | 8.34   | cps   |
| Calcium    | 43-1  | 2701155  | 2808319  | 2816244  | 2775239  | 2.32   | cps   |
| Calcium    | 44-1  | 43925935 | 45539861 | 46039950 | 45168582 | 2.45   | cps   |
| Chromium   | 52-2  | 1003     | 1007     | 983      | 998      | 1.26   | cps   |
| Cobalt     | 59-2  | 19307    | 19701    | 19828    | 19612    | 1.38   | cps   |
| Copper     | 63-2  | 3310     | 3531     | 3534     | 3458     | 3.70   | cps   |
| Dysprosium | 156-1 | 1033     | 1250     | 983      | 1089     | 13.02  | cps   |
| Dysprosium | 156-2 | 197      | 163      | 210      | 190      | 12.65  | cps   |
| Erbium     | 164-1 | 1033     | 1067     | 1175     | 1092     | 6.78   | cps   |
| Erbium     | 164-2 | 217      | 203      | 270      | 230      | 15.34  | cps   |
| Gadolinium | 160-1 | 992      | 1233     | 1083     | 1103     | 11.06  | cps   |
| Gadolinium | 160-2 | 270      | 267      | 273      | 270      | 1.24   | cps   |
| Holmium    | 165-1 | 10425363 | 10670716 | 10669465 | 10588515 | 1.33   | cps   |
| Holmium    | 165-2 | 2088587  | 2117083  | 2104437  | 2103369  | 0.68   | cps   |
| Indium     | 115-1 | 7191254  | 7535115  | 7450937  | 7392436  | 2.42   | cps   |
| Indium     | 115-2 | 284499   | 280700   | 286614   | 283938   | 1.06   | cps   |
| Iron       | 56-2  | 2148249  | 2172490  | 2167078  | 2162606  | 0.59   | cps   |
| Iron       | 57-2  | 52321    | 52304    | 52611    | 52412    | 0.33   | cps   |
| Krypton    | 83-1  | 4147     | 4441     | 4357     | 4315     | 3.50   | cps   |
| Lead       | 206-1 | 9087     | 9326     | 9237     | 9217     | 1.31   | cps   |
| Lead       | 207-1 | 7508     | 7953     | 7708     | 7723     | 2.88   | cps   |
| Lead       | 208-1 | 36277    | 35720    | 36733    | 36244    | 1.40   | cps   |
| Lithium    | 6-1   | 1225260  | 1249539  | 1262868  | 1245889  | 1.53   | cps   |
| Magnesium  | 24-2  | 14079287 | 14189962 | 14430908 | 14233386 | 1.26   | cps   |

|                         |                     |                   |                     |
|-------------------------|---------------------|-------------------|---------------------|
| LB Number :             | LB97237             | Operator :        | Jaswal              |
| Lab Sample ID :         | J4379-16            | Instrumnet Name : | P8                  |
| Client Sample ID :      | MW-104D             | Dilution Factor : | 1                   |
| Date & Time Acquired :: | 2018-08-10 19:11:18 | DataFile Name :   | 112SMPL_P8081018-MS |

| Parameter  | Mass  | CPS1      | CPS2      | CPS3      | CPSMean   | CPSRSD | Units |
|------------|-------|-----------|-----------|-----------|-----------|--------|-------|
| Manganese  | 55-2  | 568213    | 574353    | 579406    | 573991    | 0.98   | cps   |
| Molybdenum | 94-1  | 14942     | 14784     | 15159     | 14962     | 1.26   | cps   |
| Molybdenum | 95-1  | 6268      | 6285      | 6569      | 6374      | 2.65   | cps   |
| Molybdenum | 96-1  | 8586      | 8661      | 7969      | 8406      | 4.52   | cps   |
| Molybdenum | 97-1  | 4759      | 4643      | 4843      | 4748      | 2.12   | cps   |
| Molybdenum | 98-1  | 10396     | 10513     | 10213     | 10374     | 1.46   | cps   |
| Neodymium  | 150-1 | 1407      | 1293      | 1320      | 1340      | 4.42   | cps   |
| Neodymium  | 150-2 | 167       | 137       | 190       | 164       | 16.26  | cps   |
| Nickel     | 60-2  | 5384      | 5615      | 5458      | 5486      | 2.14   | cps   |
| Phosphorus | 31-2  | 25        | 8         | 33        | 22        | 57.29  | cps   |
| Potassium  | 39-2  | 2423044   | 2450209   | 2501176   | 2458143   | 1.61   | cps   |
| Rhodium    | 103-1 | 6359237   | 6623465   | 6555127   | 6512610   | 2.11   | cps   |
| Rhodium    | 103-2 | 1730473   | 1734132   | 1730384   | 1731663   | 0.12   | cps   |
| Scandium   | 45-1  | 4079342   | 4320232   | 4290520   | 4230031   | 3.11   | cps   |
| Scandium   | 45-2  | 30306     | 30871     | 31863     | 31013     | 2.54   | cps   |
| Selenium   | 77-2  | 0         | 0         | 0         | 0         | 0.00   | cps   |
| Selenium   | 78-2  | 0         | 0         | 2         | 1         | 173.21 | cps   |
| Selenium   | 82-1  | -804      | -937      | -880      | -874      | -7.64  | cps   |
| Silicon    | 28-1  | 20814844  | 21856215  | 21878916  | 21516658  | 2.83   | cps   |
| Silver     | 109-1 | 575       | 675       | 767       | 672       | 14.26  | cps   |
| Silver     | 107-1 | 742       | 633       | 742       | 706       | 8.87   | cps   |
| Sodium     | 23-2  | 282632940 | 283728440 | 285518915 | 283960098 | 0.51   | cps   |
| Strontium  | 86-1  | 7095359   | 7298278   | 7292107   | 7228581   | 1.60   | cps   |
| Strontium  | 88-1  | 62149791  | 64469006  | 64102089  | 63573629  | 1.96   | cps   |
| Sulfur     | 34-1  | 4754033   | 4913644   | 4925404   | 4864360   | 1.97   | cps   |
| Terbium    | 159-1 | 10578782  | 10927423  | 10884532  | 10796912  | 1.76   | cps   |
| Terbium    | 159-2 | 1982146   | 1953862   | 1978818   | 1971609   | 0.78   | cps   |
| Thallium   | 203-1 | 475       | 683       | 533       | 564       | 19.06  | cps   |
| Thallium   | 205-1 | 1292      | 1267      | 1542      | 1367      | 11.13  | cps   |
| Tin        | 118-1 | 34095     | 34671     | 33100     | 33955     | 2.34   | cps   |
| Titanium   | 47-1  | 8011      | 9462      | 8970      | 8814      | 8.37   | cps   |
| Uranium    | 238-1 | 521736    | 524338    | 521056    | 522377    | 0.33   | cps   |
| Vanadium   | 51-2  | 397       | 413       | 397       | 402       | 2.39   | cps   |
| Yttrium    | 89-1  | 7483121   | 7802350   | 7699416   | 7661629   | 2.13   | cps   |
| Yttrium    | 89-2  | 218387    | 219369    | 219312    | 219023    | 0.25   | cps   |
| Zinc       | 66-2  | 7255      | 7232      | 7332      | 7273      | 0.72   | cps   |

|                         |                     |                   |                     |
|-------------------------|---------------------|-------------------|---------------------|
| LB Number :             | LB97237             | Operator :        | Jaswal              |
| Lab Sample ID :         | J4379-16            | Instrumnet Name : | P8                  |
| Client Sample ID :      | MW-104D             | Dilution Factor : | 1                   |
| Date & Time Acquired :: | 2018-08-10 19:11:18 | DataFile Name :   | 112SMPL_P8081018-MS |

| Parameter | Mass | CPS1  | CPS2  | CPS3  | CPSMean | CPSRSD | Units |
|-----------|------|-------|-------|-------|---------|--------|-------|
| Zirconium | 90-1 | 30251 | 30118 | 30937 | 30435   | 1.44   | cps   |
| Zirconium | 91-1 | 6644  | 6760  | 6910  | 6772    | 1.97   | cps   |

|                         |                     |                   |                     |
|-------------------------|---------------------|-------------------|---------------------|
| LB Number :             | LB97237             | Operator :        | Jaswal              |
| Lab Sample ID :         | J4379-17            | Instrumnet Name : | P8                  |
| Client Sample ID :      | MW-103I             | Dilution Factor : | 1                   |
| Date & Time Acquired :: | 2018-08-10 19:14:38 | DataFile Name :   | 113SMPL_P8081018-MS |

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|------------|-------|----------|----------|----------|----------|--------|-------|
| Aluminium  | 27-2  | 400      | 380      | 385      | 388      | 2.68   | cps   |
| Antimony   | 121-1 | 19899    | 19114    | 21309    | 20108    | 5.53   | cps   |
| Arsenic    | 75-2  | 587      | 530      | 502      | 540      | 8.05   | cps   |
| Barium     | 135-1 | 227618   | 226125   | 229243   | 227662   | 0.68   | cps   |
| Barium     | 137-1 | 399645   | 396407   | 398973   | 398342   | 0.43   | cps   |
| Beryllium  | 9-1   | 283      | 267      | 267      | 272      | 3.53   | cps   |
| Bismuth    | 209-1 | 8086949  | 8234977  | 8224648  | 8182191  | 1.01   | cps   |
| Bismuth    | 209-2 | 1849264  | 1753125  | 1811543  | 1804644  | 2.68   | cps   |
| Boron      | 10-1  | 47755    | 45415    | 47095    | 46755    | 2.58   | cps   |
| Boron      | 11-1  | 224098   | 222297   | 215570   | 220655   | 2.04   | cps   |
| Cadmium    | 111-1 | 1346     | 1519     | 1276     | 1380     | 9.06   | cps   |
| Cadmium    | 106-1 | 1809     | 2017     | 1675     | 1834     | 9.39   | cps   |
| Cadmium    | 108-1 | 29       | 50       | 38       | 39       | 26.96  | cps   |
| Calcium    | 43-1  | 528818   | 529067   | 519005   | 525630   | 1.09   | cps   |
| Calcium    | 44-1  | 8766852  | 8611618  | 8548877  | 8642449  | 1.30   | cps   |
| Chromium   | 52-2  | 1383     | 1320     | 1300     | 1335     | 3.26   | cps   |
| Cobalt     | 59-2  | 413      | 483      | 497      | 464      | 9.64   | cps   |
| Copper     | 63-2  | 12883    | 13303    | 13040    | 13075    | 1.62   | cps   |
| Dysprosium | 156-1 | 350      | 367      | 367      | 361      | 2.67   | cps   |
| Dysprosium | 156-2 | 47       | 80       | 83       | 70       | 28.96  | cps   |
| Erbium     | 164-1 | 283      | 325      | 342      | 317      | 9.49   | cps   |
| Erbium     | 164-2 | 47       | 80       | 37       | 54       | 41.67  | cps   |
| Gadolinium | 160-1 | 392      | 350      | 375      | 372      | 5.63   | cps   |
| Gadolinium | 160-2 | 73       | 110      | 80       | 88       | 22.25  | cps   |
| Holmium    | 165-1 | 12522777 | 12541380 | 12468294 | 12510817 | 0.30   | cps   |
| Holmium    | 165-2 | 2314467  | 2158515  | 2250248  | 2241077  | 3.50   | cps   |
| Indium     | 115-1 | 8877904  | 8926746  | 8792675  | 8865775  | 0.77   | cps   |
| Indium     | 115-2 | 302004   | 282070   | 294544   | 292873   | 3.44   | cps   |
| Iron       | 56-2  | 2064104  | 2046734  | 2043413  | 2051417  | 0.54   | cps   |
| Iron       | 57-2  | 50012    | 50977    | 50202    | 50397    | 1.01   | cps   |
| Krypton    | 83-1  | 873      | 827      | 763      | 821      | 6.72   | cps   |
| Lead       | 206-1 | 34079    | 34213    | 34369    | 34221    | 0.42   | cps   |
| Lead       | 207-1 | 27809    | 29168    | 28855    | 28611    | 2.49   | cps   |
| Lead       | 208-1 | 133697   | 134312   | 135391   | 134466   | 0.64   | cps   |
| Lithium    | 6-1   | 1563484  | 1601728  | 1620521  | 1595244  | 1.82   | cps   |
| Magnesium  | 24-2  | 761757   | 758174   | 752000   | 757310   | 0.65   | cps   |

|                         |                     |                   |                     |
|-------------------------|---------------------|-------------------|---------------------|
| LB Number :             | LB97237             | Operator :        | Jaswal              |
| Lab Sample ID :         | J4379-17            | Instrumnet Name : | P8                  |
| Client Sample ID :      | MW-103I             | Dilution Factor : | 1                   |
| Date & Time Acquired :: | 2018-08-10 19:14:38 | DataFile Name :   | 113SMPL_P8081018-MS |

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|------------|-------|----------|----------|----------|----------|--------|-------|
| Manganese  | 55-2  | 82385    | 81228    | 80732    | 81448    | 1.04   | cps   |
| Molybdenum | 94-1  | 3117     | 3217     | 2950     | 3095     | 4.35   | cps   |
| Molybdenum | 95-1  | 3059     | 3042     | 3234     | 3112     | 3.41   | cps   |
| Molybdenum | 96-1  | 3734     | 3701     | 3901     | 3778     | 2.84   | cps   |
| Molybdenum | 97-1  | 2234     | 2292     | 2225     | 2250     | 1.61   | cps   |
| Molybdenum | 98-1  | 4876     | 5335     | 5076     | 5096     | 4.51   | cps   |
| Neodymium  | 150-1 | 513      | 320      | 387      | 407      | 24.15  | cps   |
| Neodymium  | 150-2 | 50       | 37       | 53       | 47       | 18.89  | cps   |
| Nickel     | 60-2  | 540      | 593      | 520      | 551      | 6.88   | cps   |
| Phosphorus | 31-2  | 558      | 392      | 333      | 428      | 27.30  | cps   |
| Potassium  | 39-2  | 267332   | 260078   | 260364   | 262591   | 1.56   | cps   |
| Rhodium    | 103-1 | 7951550  | 8027315  | 7887866  | 7955577  | 0.88   | cps   |
| Rhodium    | 103-2 | 1949804  | 1829312  | 1933827  | 1904314  | 3.44   | cps   |
| Scandium   | 45-1  | 4626907  | 4625095  | 4562020  | 4604674  | 0.80   | cps   |
| Scandium   | 45-2  | 28833    | 26001    | 27394    | 27409    | 5.17   | cps   |
| Selenium   | 77-2  | 0        | 0        | 3        | 1        | 173.21 | cps   |
| Selenium   | 78-2  | 4        | 0        | 4        | 2        | 86.60  | cps   |
| Selenium   | 82-1  | -276     | -161     | -216     | -218     | -26.30 | cps   |
| Silicon    | 28-1  | 19371858 | 19158181 | 18888279 | 19139439 | 1.27   | cps   |
| Silver     | 109-1 | 1142     | 908      | 950      | 1000     | 12.44  | cps   |
| Silver     | 107-1 | 1067     | 983      | 983      | 1011     | 4.76   | cps   |
| Sodium     | 23-2  | 7428647  | 7303287  | 7238628  | 7323521  | 1.32   | cps   |
| Strontium  | 86-1  | 690927   | 685322   | 684708   | 686986   | 0.50   | cps   |
| Strontium  | 88-1  | 6075197  | 6088912  | 6049840  | 6071316  | 0.33   | cps   |
| Sulfur     | 34-1  | 473347   | 461249   | 454125   | 462907   | 2.10   | cps   |
| Terbium    | 159-1 | 12694275 | 12647771 | 12700465 | 12680837 | 0.23   | cps   |
| Terbium    | 159-2 | 2178526  | 2040277  | 2121146  | 2113316  | 3.29   | cps   |
| Thallium   | 203-1 | 508      | 517      | 433      | 486      | 9.44   | cps   |
| Thallium   | 205-1 | 1042     | 992      | 1042     | 1025     | 2.82   | cps   |
| Tin        | 118-1 | 23246    | 24498    | 24281    | 24009    | 2.79   | cps   |
| Titanium   | 47-1  | 4009     | 3992     | 4059     | 4020     | 0.86   | cps   |
| Uranium    | 238-1 | 1942     | 2025     | 2350     | 2106     | 10.25  | cps   |
| Vanadium   | 51-2  | 577      | 570      | 603      | 583      | 3.02   | cps   |
| Yttrium    | 89-1  | 8827097  | 8830572  | 8698344  | 8785337  | 0.86   | cps   |
| Yttrium    | 89-2  | 216838   | 200814   | 212425   | 210026   | 3.94   | cps   |
| Zinc       | 66-2  | 26662    | 26512    | 26332    | 26502    | 0.62   | cps   |

|                         |                     |                   |                     |
|-------------------------|---------------------|-------------------|---------------------|
| LB Number :             | LB97237             | Operator :        | Jaswal              |
| Lab Sample ID :         | J4379-17            | Instrumnet Name : | P8                  |
| Client Sample ID :      | MW-103I             | Dilution Factor : | 1                   |
| Date & Time Acquired :: | 2018-08-10 19:14:38 | DataFile Name :   | 113SMPL_P8081018-MS |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|-----------|------|------|------|------|---------|--------|-------|
| Zirconium | 90-1 | 3342 | 2992 | 3101 | 3145    | 5.70   | cps   |
| Zirconium | 91-1 | 683  | 808  | 750  | 747     | 8.37   | cps   |

|                         |                     |                   |                      |
|-------------------------|---------------------|-------------------|----------------------|
| LB Number :             | LB97237             | Operator :        | Jaswal               |
| Lab Sample ID :         | CCV98               | Instrumnet Name : | P8                   |
| Client Sample ID :      | CCV98               | Dilution Factor : | 1                    |
| Date & Time Acquired :: | 2018-08-10 19:24:36 | DataFile Name :   | 114CCV_P8081018-MS.I |

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|------------|-------|----------|----------|----------|----------|--------|-------|
| Aluminium  | 27-2  | 263482   | 262214   | 261224   | 262307   | 0.43   | cps   |
| Antimony   | 121-1 | 4552273  | 4532246  | 4511828  | 4532116  | 0.45   | cps   |
| Arsenic    | 75-2  | 39103    | 38934    | 39101    | 39046    | 0.25   | cps   |
| Barium     | 135-1 | 5104599  | 5066276  | 5003282  | 5058052  | 1.01   | cps   |
| Barium     | 137-1 | 8800202  | 8715747  | 8709702  | 8741884  | 0.58   | cps   |
| Beryllium  | 9-1   | 547731   | 543504   | 541136   | 544124   | 0.61   | cps   |
| Bismuth    | 209-1 | 8547422  | 8828630  | 8568776  | 8648276  | 1.81   | cps   |
| Bismuth    | 209-2 | 2087604  | 2091265  | 2092700  | 2090523  | 0.13   | cps   |
| Boron      | 10-1  | 64555    | 68438    | 67317    | 66770    | 2.99   | cps   |
| Boron      | 11-1  | 312580   | 318523   | 321315   | 317472   | 1.41   | cps   |
| Cadmium    | 111-1 | 948367   | 941953   | 936309   | 942210   | 0.64   | cps   |
| Cadmium    | 106-1 | 102597   | 103167   | 102588   | 102784   | 0.32   | cps   |
| Cadmium    | 108-1 | 68243    | 67501    | 66786    | 67510    | 1.08   | cps   |
| Calcium    | 43-1  | 4660174  | 4597004  | 4583361  | 4613513  | 0.89   | cps   |
| Calcium    | 44-1  | 75052283 | 75152202 | 74579777 | 74928087 | 0.41   | cps   |
| Chromium   | 52-2  | 352475   | 349475   | 351854   | 351268   | 0.45   | cps   |
| Cobalt     | 59-2  | 745158   | 742373   | 742317   | 743283   | 0.22   | cps   |
| Copper     | 63-2  | 1257689  | 1251578  | 1255905  | 1255057  | 0.25   | cps   |
| Dysprosium | 156-1 | 150      | 83       | 83       | 106      | 36.46  | cps   |
| Dysprosium | 156-2 | 10       | 17       | 20       | 16       | 32.73  | cps   |
| Erbium     | 164-1 | 75       | 50       | 125      | 83       | 45.83  | cps   |
| Erbium     | 164-2 | 10       | 7        | 7        | 8        | 24.71  | cps   |
| Gadolinium | 160-1 | 100      | 42       | 183      | 108      | 65.72  | cps   |
| Gadolinium | 160-2 | 13       | 27       | 20       | 20       | 33.35  | cps   |
| Holmium    | 165-1 | 13485896 | 13758052 | 13614133 | 13619360 | 1.00   | cps   |
| Holmium    | 165-2 | 2632102  | 2642567  | 2624848  | 2633172  | 0.34   | cps   |
| Indium     | 115-1 | 9547182  | 9649574  | 9453921  | 9550226  | 1.02   | cps   |
| Indium     | 115-2 | 346798   | 350933   | 348866   | 348866   | 0.59   | cps   |
| Iron       | 56-2  | 57494733 | 57149029 | 57757854 | 57467205 | 0.53   | cps   |
| Iron       | 57-2  | 1471354  | 1473120  | 1463401  | 1469292  | 0.35   | cps   |
| Krypton    | 83-1  | 307      | 347      | 303      | 319      | 7.56   | cps   |
| Lead       | 206-1 | 3426264  | 3464655  | 3363028  | 3417982  | 1.50   | cps   |
| Lead       | 207-1 | 3125644  | 3122693  | 3066432  | 3104923  | 1.07   | cps   |
| Lead       | 208-1 | 14061195 | 13957634 | 13785078 | 13934636 | 1.00   | cps   |
| Lithium    | 6-1   | 1610279  | 1613176  | 1598173  | 1607209  | 0.50   | cps   |
| Magnesium  | 24-2  | 6122311  | 6144270  | 6141431  | 6136004  | 0.19   | cps   |



|                         |                     |                   |                      |
|-------------------------|---------------------|-------------------|----------------------|
| LB Number :             | LB97237             | Operator :        | Jaswal               |
| Lab Sample ID :         | CCV98               | Instrumnet Name : | P8                   |
| Client Sample ID :      | CCV98               | Dilution Factor : | 1                    |
| Date & Time Acquired :: | 2018-08-10 19:24:36 | DataFile Name :   | 114CCV_P8081018-MS.I |

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|------------|-------|----------|----------|----------|----------|--------|-------|
| Manganese  | 55-2  | 190442   | 190347   | 190580   | 190456   | 0.06   | cps   |
| Molybdenum | 94-1  | 7723006  | 7743737  | 7692749  | 7719831  | 0.33   | cps   |
| Molybdenum | 95-1  | 9404642  | 9434834  | 9454839  | 9431438  | 0.27   | cps   |
| Molybdenum | 96-1  | 10619489 | 10589641 | 10579486 | 10596205 | 0.20   | cps   |
| Molybdenum | 97-1  | 6006569  | 5999981  | 5981855  | 5996135  | 0.21   | cps   |
| Molybdenum | 98-1  | 15250196 | 15331548 | 15167871 | 15249872 | 0.54   | cps   |
| Neodymium  | 150-1 | 273      | 253      | 313      | 280      | 10.91  | cps   |
| Neodymium  | 150-2 | 17       | 10       | 10       | 12       | 31.50  | cps   |
| Nickel     | 60-2  | 220439   | 218357   | 219139   | 219311   | 0.48   | cps   |
| Phosphorus | 31-2  | 3142     | 3142     | 2867     | 3050     | 5.21   | cps   |
| Potassium  | 39-2  | 1569871  | 1533186  | 1545357  | 1549471  | 1.21   | cps   |
| Rhodium    | 103-1 | 8458720  | 8623873  | 8516579  | 8533057  | 0.98   | cps   |
| Rhodium    | 103-2 | 2204108  | 2218240  | 2188499  | 2203616  | 0.68   | cps   |
| Scandium   | 45-1  | 5168341  | 5257080  | 5231314  | 5218912  | 0.87   | cps   |
| Scandium   | 45-2  | 35826    | 35231    | 35024    | 35360    | 1.18   | cps   |
| Selenium   | 77-2  | 243      | 240      | 277      | 253      | 8.00   | cps   |
| Selenium   | 78-2  | 946      | 869      | 939      | 918      | 4.68   | cps   |
| Selenium   | 82-1  | 55341    | 55177    | 54831    | 55116    | 0.47   | cps   |
| Silicon    | 28-1  | 1942004  | 1971072  | 1950005  | 1954361  | 0.77   | cps   |
| Silver     | 109-1 | 4519381  | 4470214  | 4377415  | 4455670  | 1.62   | cps   |
| Silver     | 107-1 | 4761177  | 4739606  | 4700838  | 4733874  | 0.65   | cps   |
| Sodium     | 23-2  | 13803777 | 13702440 | 13832984 | 13779734 | 0.50   | cps   |
| Strontium  | 86-1  | 1158925  | 1166509  | 1150583  | 1158673  | 0.69   | cps   |
| Strontium  | 88-1  | 10201491 | 10173297 | 10050258 | 10141682 | 0.79   | cps   |
| Sulfur     | 34-1  | 582842   | 584768   | 582943   | 583518   | 0.19   | cps   |
| Terbium    | 159-1 | 13872526 | 13908329 | 13795127 | 13858661 | 0.42   | cps   |
| Terbium    | 159-2 | 2495434  | 2499395  | 2482787  | 2492538  | 0.35   | cps   |
| Thallium   | 203-1 | 4184041  | 4215113  | 4171233  | 4190129  | 0.54   | cps   |
| Thallium   | 205-1 | 9935382  | 9886894  | 9839608  | 9887295  | 0.48   | cps   |
| Tin        | 118-1 | 3302672  | 3262352  | 3266400  | 3277141  | 0.68   | cps   |
| Titanium   | 47-1  | 2330226  | 2334161  | 2321217  | 2328534  | 0.28   | cps   |
| Uranium    | 238-1 | 14156056 | 14075415 | 13901093 | 14044188 | 0.93   | cps   |
| Vanadium   | 51-2  | 253299   | 254382   | 252739   | 253473   | 0.33   | cps   |
| Yttrium    | 89-1  | 9664367  | 9792103  | 9687262  | 9714578  | 0.70   | cps   |
| Yttrium    | 89-2  | 259418   | 262420   | 262611   | 261483   | 0.68   | cps   |
| Zinc       | 66-2  | 108812   | 106750   | 107056   | 107539   | 1.03   | cps   |

|                         |                     |                   |                      |
|-------------------------|---------------------|-------------------|----------------------|
| LB Number :             | LB97237             | Operator :        | Jaswal               |
| Lab Sample ID :         | CCV98               | Instrumnet Name : | P8                   |
| Client Sample ID :      | CCV98               | Dilution Factor : | 1                    |
| Date & Time Acquired :: | 2018-08-10 19:24:36 | DataFile Name :   | 114CCV_P8081018-MS.I |

| Parameter | Mass | CPS1    | CPS2    | CPS3    | CPSMean | CPSRSD | Units |
|-----------|------|---------|---------|---------|---------|--------|-------|
| Zirconium | 90-1 | 6449211 | 6406699 | 6367258 | 6407723 | 0.64   | cps   |
| Zirconium | 91-1 | 1455702 | 1458134 | 1456838 | 1456891 | 0.08   | cps   |

|                         |                     |                   |                     |
|-------------------------|---------------------|-------------------|---------------------|
| LB Number :             | LB97237             | Operator :        | Jaswal              |
| Lab Sample ID :         | CCB98               | Instrumnet Name : | P8                  |
| Client Sample ID :      | CCB98               | Dilution Factor : | 1                   |
| Date & Time Acquired :: | 2018-08-10 19:28:41 | DataFile Name :   | 115CCBE_P8081018-MS |

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|------------|-------|----------|----------|----------|----------|--------|-------|
| Aluminium  | 27-2  | 10       | 8        | 13       | 10       | 25.00  | cps   |
| Antimony   | 121-1 | 5568     | 5185     | 5276     | 5343     | 3.75   | cps   |
| Arsenic    | 75-2  | 11       | 2        | 2        | 5        | 108.30 | cps   |
| Barium     | 135-1 | 67       | 33       | 83       | 61       | 41.67  | cps   |
| Barium     | 137-1 | 133      | 100      | 142      | 125      | 17.64  | cps   |
| Beryllium  | 9-1   | 289      | 339      | 339      | 322      | 8.96   | cps   |
| Bismuth    | 209-1 | 9222638  | 9052238  | 9042402  | 9105759  | 1.11   | cps   |
| Bismuth    | 209-2 | 2167087  | 2214627  | 2093215  | 2158310  | 2.83   | cps   |
| Boron      | 10-1  | 4559     | 4401     | 4076     | 4345     | 5.67   | cps   |
| Boron      | 11-1  | 22193    | 21316    | 20115    | 21208    | 4.92   | cps   |
| Cadmium    | 111-1 | 1401     | 1617     | 1396     | 1471     | 8.59   | cps   |
| Cadmium    | 106-1 | 1909     | 2225     | 1884     | 2006     | 9.50   | cps   |
| Cadmium    | 108-1 | 21       | 17       | 21       | 19       | 12.35  | cps   |
| Calcium    | 43-1  | 483      | 558      | 425      | 489      | 13.67  | cps   |
| Calcium    | 44-1  | 14141    | 13924    | 14024    | 14030    | 0.77   | cps   |
| Chromium   | 52-2  | 377      | 340      | 327      | 348      | 7.44   | cps   |
| Cobalt     | 59-2  | 37       | 33       | 50       | 40       | 22.05  | cps   |
| Copper     | 63-2  | 940      | 740      | 780      | 820      | 12.91  | cps   |
| Dysprosium | 156-1 | 0        | 8        | 0        | 3        | 173.21 | cps   |
| Dysprosium | 156-2 | 3        | 0        | 0        | 1        | 173.21 | cps   |
| Erbium     | 164-1 | 33       | 67       | 58       | 53       | 32.88  | cps   |
| Erbium     | 164-2 | 10       | 0        | 7        | 6        | 91.64  | cps   |
| Gadolinium | 160-1 | 92       | 108      | 58       | 86       | 29.56  | cps   |
| Gadolinium | 160-2 | 13       | 7        | 7        | 9        | 43.25  | cps   |
| Holmium    | 165-1 | 13772624 | 13514004 | 13573887 | 13620172 | 0.99   | cps   |
| Holmium    | 165-2 | 2592272  | 2650531  | 2525176  | 2589326  | 2.42   | cps   |
| Indium     | 115-1 | 10094069 | 9968869  | 9834149  | 9965696  | 1.30   | cps   |
| Indium     | 115-2 | 362845   | 366017   | 350085   | 359649   | 2.34   | cps   |
| Iron       | 56-2  | 1934     | 1895     | 1789     | 1872     | 3.99   | cps   |
| Iron       | 57-2  | 44       | 28       | 28       | 33       | 28.87  | cps   |
| Krypton    | 83-1  | 337      | 303      | 293      | 311      | 7.29   | cps   |
| Lead       | 206-1 | 456      | 389      | 456      | 433      | 8.88   | cps   |
| Lead       | 207-1 | 372      | 428      | 389      | 396      | 7.19   | cps   |
| Lead       | 208-1 | 1800     | 1700     | 1856     | 1785     | 4.42   | cps   |
| Lithium    | 6-1   | 1656232  | 1655255  | 1638766  | 1650084  | 0.59   | cps   |
| Magnesium  | 24-2  | 500      | 450      | 433      | 461      | 7.53   | cps   |

|                         |                     |                   |                     |
|-------------------------|---------------------|-------------------|---------------------|
| LB Number :             | LB97237             | Operator :        | Jaswal              |
| Lab Sample ID :         | CCB98               | Instrumnet Name : | P8                  |
| Client Sample ID :      | CCB98               | Dilution Factor : | 1                   |
| Date & Time Acquired :: | 2018-08-10 19:28:41 | DataFile Name :   | 115CCBE_P8081018-MS |

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|------------|-------|----------|----------|----------|----------|--------|-------|
| Manganese  | 55-2  | 67       | 47       | 67       | 60       | 19.24  | cps   |
| Molybdenum | 94-1  | 2617     | 2484     | 2209     | 2436     | 8.55   | cps   |
| Molybdenum | 95-1  | 2350     | 2700     | 2075     | 2375     | 13.19  | cps   |
| Molybdenum | 96-1  | 3009     | 2584     | 2292     | 2628     | 13.72  | cps   |
| Molybdenum | 97-1  | 1667     | 1417     | 1500     | 1528     | 8.33   | cps   |
| Molybdenum | 98-1  | 4067     | 3801     | 3326     | 3731     | 10.07  | cps   |
| Neodymium  | 150-1 | 7        | 7        | 13       | 9        | 43.25  | cps   |
| Neodymium  | 150-2 | 0        | 0        | 0        | 0        | 0.00   | cps   |
| Nickel     | 60-2  | 110      | 120      | 93       | 108      | 12.50  | cps   |
| Phosphorus | 31-2  | 0        | 8        | 0        | 3        | 173.21 | cps   |
| Potassium  | 39-2  | 2034     | 1917     | 2142     | 2031     | 5.54   | cps   |
| Rhodium    | 103-1 | 9212233  | 9218355  | 9153562  | 9194716  | 0.39   | cps   |
| Rhodium    | 103-2 | 2316646  | 2324137  | 2230975  | 2290586  | 2.26   | cps   |
| Scandium   | 45-1  | 5297106  | 5240806  | 5284100  | 5274004  | 0.56   | cps   |
| Scandium   | 45-2  | 34756    | 34255    | 33109    | 34040    | 2.48   | cps   |
| Selenium   | 77-2  | 0        | 0        | 3        | 1        | 173.21 | cps   |
| Selenium   | 78-2  | 2        | 4        | 2        | 2        | 43.30  | cps   |
| Selenium   | 82-1  | -5       | -1       | 20       | 5        | 271.49 | cps   |
| Silicon    | 28-1  | 264323   | 264009   | 265814   | 264715   | 0.36   | cps   |
| Silver     | 109-1 | 817      | 642      | 567      | 675      | 19.01  | cps   |
| Silver     | 107-1 | 775      | 767      | 633      | 725      | 10.96  | cps   |
| Sodium     | 23-2  | 15809    | 16952    | 16385    | 16382    | 3.49   | cps   |
| Strontium  | 86-1  | 558      | 533      | 550      | 547      | 2.33   | cps   |
| Strontium  | 88-1  | 583      | 517      | 492      | 531      | 8.93   | cps   |
| Sulfur     | 34-1  | 320920   | 321072   | 319972   | 320655   | 0.19   | cps   |
| Terbium    | 159-1 | 13994816 | 13752535 | 13830320 | 13859224 | 0.89   | cps   |
| Terbium    | 159-2 | 2468041  | 2525758  | 2393235  | 2462345  | 2.70   | cps   |
| Thallium   | 203-1 | 892      | 750      | 592      | 745      | 20.16  | cps   |
| Thallium   | 205-1 | 1900     | 1667     | 1617     | 1728     | 8.75   | cps   |
| Tin        | 118-1 | 3777     | 3559     | 2625     | 3320     | 18.42  | cps   |
| Titanium   | 47-1  | 217      | 175      | 183      | 192      | 11.50  | cps   |
| Uranium    | 238-1 | 383      | 233      | 317      | 311      | 24.16  | cps   |
| Vanadium   | 51-2  | 13       | 3        | 13       | 10       | 57.75  | cps   |
| Yttrium    | 89-1  | 9964139  | 9728347  | 9845560  | 9846015  | 1.20   | cps   |
| Yttrium    | 89-2  | 260969   | 261717   | 252362   | 258350   | 2.01   | cps   |
| Zinc       | 66-2  | 170      | 190      | 157      | 172      | 9.74   | cps   |

|                         |                     |                   |                     |
|-------------------------|---------------------|-------------------|---------------------|
| LB Number :             | LB97237             | Operator :        | Jaswal              |
| Lab Sample ID :         | CCB98               | Instrumnet Name : | P8                  |
| Client Sample ID :      | CCB98               | Dilution Factor : | 1                   |
| Date & Time Acquired :: | 2018-08-10 19:28:41 | DataFile Name :   | 115CCBE_P8081018-MS |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|-----------|------|------|------|------|---------|--------|-------|
| Zirconium | 90-1 | 3309 | 3209 | 2967 | 3162    | 5.56   | cps   |
| Zirconium | 91-1 | 792  | 792  | 625  | 736     | 13.07  | cps   |

|                         |                     |                   |                     |
|-------------------------|---------------------|-------------------|---------------------|
| LB Number :             | LB97237             | Operator :        | Jaswal              |
| Lab Sample ID :         | J4379-19            | Instrumnet Name : | P8                  |
| Client Sample ID :      | MW-102S             | Dilution Factor : | 1                   |
| Date & Time Acquired :: | 2018-08-10 19:32:02 | DataFile Name :   | 116SMPL_P8081018-MS |

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|------------|-------|----------|----------|----------|----------|--------|-------|
| Aluminium  | 27-2  | 3459     | 3394     | 3444     | 3432     | 0.99   | cps   |
| Antimony   | 121-1 | 44450    | 43213    | 43363    | 43675    | 1.55   | cps   |
| Arsenic    | 75-2  | 98       | 89       | 126      | 104      | 18.48  | cps   |
| Barium     | 135-1 | 89442    | 89394    | 90501    | 89779    | 0.70   | cps   |
| Barium     | 137-1 | 157158   | 157872   | 160302   | 158444   | 1.04   | cps   |
| Beryllium  | 9-1   | 278      | 267      | 122      | 222      | 39.05  | cps   |
| Bismuth    | 209-1 | 9230347  | 9325852  | 9119687  | 9225295  | 1.12   | cps   |
| Bismuth    | 209-2 | 2042724  | 1991877  | 2011380  | 2015327  | 1.27   | cps   |
| Boron      | 10-1  | 6068     | 6143     | 6368     | 6193     | 2.52   | cps   |
| Boron      | 11-1  | 28112    | 27803    | 27953    | 27956    | 0.55   | cps   |
| Cadmium    | 111-1 | 1527     | 1385     | 1428     | 1447     | 5.03   | cps   |
| Cadmium    | 106-1 | 2000     | 1792     | 1875     | 1889     | 5.55   | cps   |
| Cadmium    | 108-1 | 75       | 33       | 50       | 53       | 39.74  | cps   |
| Calcium    | 43-1  | 367411   | 367507   | 364239   | 366386   | 0.51   | cps   |
| Calcium    | 44-1  | 6110550  | 6069682  | 6023088  | 6067773  | 0.72   | cps   |
| Chromium   | 52-2  | 4204     | 4174     | 4284     | 4221     | 1.35   | cps   |
| Cobalt     | 59-2  | 197      | 187      | 190      | 191      | 2.66   | cps   |
| Copper     | 63-2  | 9663     | 9353     | 9724     | 9580     | 2.07   | cps   |
| Dysprosium | 156-1 | 192      | 158      | 233      | 194      | 19.33  | cps   |
| Dysprosium | 156-2 | 30       | 17       | 33       | 27       | 33.06  | cps   |
| Erbium     | 164-1 | 225      | 192      | 233      | 217      | 10.18  | cps   |
| Erbium     | 164-2 | 43       | 27       | 27       | 32       | 29.85  | cps   |
| Gadolinium | 160-1 | 233      | 283      | 183      | 233      | 21.43  | cps   |
| Gadolinium | 160-2 | 50       | 53       | 80       | 61       | 26.91  | cps   |
| Holmium    | 165-1 | 13045923 | 13053781 | 13070433 | 13056712 | 0.10   | cps   |
| Holmium    | 165-2 | 2357205  | 2344740  | 2320739  | 2340895  | 0.79   | cps   |
| Indium     | 115-1 | 9172364  | 9248250  | 9300364  | 9240326  | 0.70   | cps   |
| Indium     | 115-2 | 304379   | 302105   | 300984   | 302490   | 0.57   | cps   |
| Iron       | 56-2  | 49233    | 49706    | 48981    | 49307    | 0.75   | cps   |
| Iron       | 57-2  | 1317     | 1383     | 1250     | 1317     | 5.06   | cps   |
| Krypton    | 83-1  | 347      | 250      | 303      | 300      | 16.14  | cps   |
| Lead       | 206-1 | 5273     | 5529     | 5246     | 5349     | 2.92   | cps   |
| Lead       | 207-1 | 4279     | 4362     | 4523     | 4388     | 2.83   | cps   |
| Lead       | 208-1 | 20852    | 21163    | 20869    | 20961    | 0.84   | cps   |
| Lithium    | 6-1   | 1733894  | 1785870  | 1807606  | 1775790  | 2.13   | cps   |
| Magnesium  | 24-2  | 1734     | 1709     | 1650     | 1697     | 2.52   | cps   |

|                         |                     |                   |                     |
|-------------------------|---------------------|-------------------|---------------------|
| LB Number :             | LB97237             | Operator :        | Jaswal              |
| Lab Sample ID :         | J4379-19            | Instrumnet Name : | P8                  |
| Client Sample ID :      | MW-102S             | Dilution Factor : | 1                   |
| Date & Time Acquired :: | 2018-08-10 19:32:02 | DataFile Name :   | 116SMPL_P8081018-MS |

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|------------|-------|----------|----------|----------|----------|--------|-------|
| Manganese  | 55-2  | 1123     | 920      | 957      | 1000     | 10.84  | cps   |
| Molybdenum | 94-1  | 8695     | 7853     | 7302     | 7950     | 8.82   | cps   |
| Molybdenum | 95-1  | 7711     | 7686     | 7377     | 7591     | 2.45   | cps   |
| Molybdenum | 96-1  | 9229     | 8686     | 8553     | 8823     | 4.06   | cps   |
| Molybdenum | 97-1  | 5210     | 4726     | 5243     | 5059     | 5.72   | cps   |
| Molybdenum | 98-1  | 12673    | 12506    | 12706    | 12629    | 0.85   | cps   |
| Neodymium  | 150-1 | 280      | 273      | 320      | 291      | 8.67   | cps   |
| Neodymium  | 150-2 | 33       | 23       | 40       | 32       | 26.04  | cps   |
| Nickel     | 60-2  | 233      | 247      | 237      | 239      | 2.90   | cps   |
| Phosphorus | 31-2  | 8        | 0        | 0        | 3        | 173.21 | cps   |
| Potassium  | 39-2  | 49714    | 48410    | 48367    | 48830    | 1.57   | cps   |
| Rhodium    | 103-1 | 8304035  | 8364617  | 8271305  | 8313319  | 0.57   | cps   |
| Rhodium    | 103-2 | 2034263  | 2023786  | 2021144  | 2026398  | 0.34   | cps   |
| Scandium   | 45-1  | 4511885  | 4457049  | 4430360  | 4466431  | 0.93   | cps   |
| Scandium   | 45-2  | 27026    | 26489    | 27166    | 26894    | 1.33   | cps   |
| Selenium   | 77-2  | 0        | 0        | 0        | 0        | 0.00   | cps   |
| Selenium   | 78-2  | 2        | 2        | 0        | 1        | 86.60  | cps   |
| Selenium   | 82-1  | -10      | 85       | 30       | 35       | 135.24 | cps   |
| Silicon    | 28-1  | 18140969 | 18240515 | 17699356 | 18026946 | 1.60   | cps   |
| Silver     | 109-1 | 2267     | 1734     | 1333     | 1778     | 26.34  | cps   |
| Silver     | 107-1 | 2350     | 1884     | 1408     | 1881     | 25.04  | cps   |
| Sodium     | 23-2  | 466396   | 459266   | 458621   | 461428   | 0.93   | cps   |
| Strontium  | 86-1  | 918797   | 921369   | 927599   | 922588   | 0.49   | cps   |
| Strontium  | 88-1  | 8074519  | 8093986  | 8162026  | 8110177  | 0.57   | cps   |
| Sulfur     | 34-1  | 364243   | 361571   | 350058   | 358624   | 2.10   | cps   |
| Terbium    | 159-1 | 13248763 | 13316189 | 13181498 | 13248817 | 0.51   | cps   |
| Terbium    | 159-2 | 2230321  | 2211972  | 2222919  | 2221737  | 0.42   | cps   |
| Thallium   | 203-1 | 1867     | 1408     | 1392     | 1556     | 17.33  | cps   |
| Thallium   | 205-1 | 3892     | 3242     | 2767     | 3301     | 17.12  | cps   |
| Tin        | 118-1 | 21385    | 20408    | 19832    | 20542    | 3.82   | cps   |
| Titanium   | 47-1  | 3326     | 3051     | 7040     | 4472     | 49.83  | cps   |
| Uranium    | 238-1 | 700      | 800      | 800      | 767      | 7.53   | cps   |
| Vanadium   | 51-2  | 2894     | 2867     | 2897     | 2886     | 0.57   | cps   |
| Yttrium    | 89-1  | 8869024  | 8906982  | 8834696  | 8870234  | 0.41   | cps   |
| Yttrium    | 89-2  | 212527   | 211362   | 212275   | 212055   | 0.29   | cps   |
| Zinc       | 66-2  | 2750     | 2984     | 2790     | 2841     | 4.39   | cps   |

|                         |                     |                   |                     |
|-------------------------|---------------------|-------------------|---------------------|
| LB Number :             | LB97237             | Operator :        | Jaswal              |
| Lab Sample ID :         | J4379-19            | Instrumnet Name : | P8                  |
| Client Sample ID :      | MW-102S             | Dilution Factor : | 1                   |
| Date & Time Acquired :: | 2018-08-10 19:32:02 | DataFile Name :   | 116SMPL_P8081018-MS |

| Parameter | Mass | CPS1  | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|-----------|------|-------|------|------|---------|--------|-------|
| Zirconium | 90-1 | 10713 | 9195 | 8629 | 9512    | 11.33  | cps   |
| Zirconium | 91-1 | 2175  | 2125 | 2075 | 2125    | 2.35   | cps   |



|                         |                     |                   |                     |
|-------------------------|---------------------|-------------------|---------------------|
| LB Number :             | LB97237             | Operator :        | Jaswal              |
| Lab Sample ID :         | J4379-20            | Instrumnet Name : | P8                  |
| Client Sample ID :      | MW-102I             | Dilution Factor : | 1                   |
| Date & Time Acquired :: | 2018-08-10 19:35:22 | DataFile Name :   | 117SMPL_P8081018-MS |

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|------------|-------|----------|----------|----------|----------|--------|-------|
| Aluminium  | 27-2  | 1533     | 1423     | 1408     | 1455     | 4.69   | cps   |
| Antimony   | 121-1 | 21635    | 23129    | 23480    | 22748    | 4.31   | cps   |
| Arsenic    | 75-2  | 148      | 139      | 128      | 138      | 7.38   | cps   |
| Barium     | 135-1 | 64022    | 63621    | 64282    | 63975    | 0.52   | cps   |
| Barium     | 137-1 | 110769   | 111222   | 113811   | 111934   | 1.47   | cps   |
| Beryllium  | 9-1   | 194      | 222      | 261      | 226      | 14.82  | cps   |
| Bismuth    | 209-1 | 9035802  | 9117090  | 9040709  | 9064534  | 0.50   | cps   |
| Bismuth    | 209-2 | 1964921  | 1935916  | 1960783  | 1953873  | 0.80   | cps   |
| Boron      | 10-1  | 15309    | 16110    | 16143    | 15854    | 2.98   | cps   |
| Boron      | 11-1  | 72174    | 74535    | 75993    | 74234    | 2.60   | cps   |
| Cadmium    | 111-1 | 1427     | 1275     | 1484     | 1395     | 7.74   | cps   |
| Cadmium    | 106-1 | 1892     | 1625     | 2042     | 1853     | 11.39  | cps   |
| Cadmium    | 108-1 | 50       | 54       | 42       | 49       | 13.09  | cps   |
| Calcium    | 43-1  | 499404   | 503557   | 508040   | 503667   | 0.86   | cps   |
| Calcium    | 44-1  | 8218727  | 8185087  | 8272779  | 8225531  | 0.54   | cps   |
| Chromium   | 52-2  | 2357     | 2344     | 2387     | 2362     | 0.94   | cps   |
| Cobalt     | 59-2  | 633      | 730      | 790      | 718      | 11.01  | cps   |
| Copper     | 63-2  | 14501    | 14511    | 14838    | 14617    | 1.31   | cps   |
| Dysprosium | 156-1 | 767      | 933      | 900      | 867      | 10.18  | cps   |
| Dysprosium | 156-2 | 180      | 180      | 173      | 178      | 2.16   | cps   |
| Erbium     | 164-1 | 892      | 850      | 783      | 842      | 6.49   | cps   |
| Erbium     | 164-2 | 117      | 133      | 150      | 133      | 12.50  | cps   |
| Gadolinium | 160-1 | 933      | 992      | 767      | 897      | 13.01  | cps   |
| Gadolinium | 160-2 | 233      | 187      | 190      | 203      | 12.80  | cps   |
| Holmium    | 165-1 | 13147927 | 13249058 | 13265408 | 13220798 | 0.48   | cps   |
| Holmium    | 165-2 | 2311168  | 2338667  | 2360252  | 2336695  | 1.05   | cps   |
| Indium     | 115-1 | 9231000  | 9185058  | 9174177  | 9196745  | 0.33   | cps   |
| Indium     | 115-2 | 297418   | 297200   | 299103   | 297907   | 0.35   | cps   |
| Iron       | 56-2  | 298751   | 298405   | 298911   | 298689   | 0.09   | cps   |
| Iron       | 57-2  | 7374     | 7852     | 7397     | 7541     | 3.58   | cps   |
| Krypton    | 83-1  | 310      | 280      | 293      | 294      | 5.10   | cps   |
| Lead       | 206-1 | 59590    | 60751    | 60421    | 60254    | 0.99   | cps   |
| Lead       | 207-1 | 51315    | 49826    | 49770    | 50304    | 1.74   | cps   |
| Lead       | 208-1 | 236174   | 236580   | 234029   | 235594   | 0.58   | cps   |
| Lithium    | 6-1   | 1795966  | 1804664  | 1772080  | 1790903  | 0.94   | cps   |
| Magnesium  | 24-2  | 137098   | 137813   | 138308   | 137739   | 0.44   | cps   |

|                         |                     |                   |                     |
|-------------------------|---------------------|-------------------|---------------------|
| LB Number :             | LB97237             | Operator :        | Jaswal              |
| Lab Sample ID :         | J4379-20            | Instrumnet Name : | P8                  |
| Client Sample ID :      | MW-102I             | Dilution Factor : | 1                   |
| Date & Time Acquired :: | 2018-08-10 19:35:22 | DataFile Name :   | 117SMPL_P8081018-MS |

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|------------|-------|----------|----------|----------|----------|--------|-------|
| Manganese  | 55-2  | 4698     | 4724     | 4648     | 4690     | 0.83   | cps   |
| Molybdenum | 94-1  | 4718     | 4493     | 4293     | 4501     | 4.73   | cps   |
| Molybdenum | 95-1  | 3100     | 2992     | 3050     | 3048     | 1.78   | cps   |
| Molybdenum | 96-1  | 3942     | 3842     | 3984     | 3923     | 1.86   | cps   |
| Molybdenum | 97-1  | 1692     | 1842     | 1959     | 1831     | 7.30   | cps   |
| Molybdenum | 98-1  | 4984     | 4918     | 4801     | 4901     | 1.89   | cps   |
| Neodymium  | 150-1 | 1413     | 1393     | 1273     | 1360     | 5.57   | cps   |
| Neodymium  | 150-2 | 120      | 133      | 133      | 129      | 5.98   | cps   |
| Nickel     | 60-2  | 617      | 707      | 623      | 649      | 7.73   | cps   |
| Phosphorus | 31-2  | 17       | 33       | 25       | 25       | 33.34  | cps   |
| Potassium  | 39-2  | 295203   | 295748   | 292616   | 294522   | 0.57   | cps   |
| Rhodium    | 103-1 | 8173000  | 8292057  | 8186869  | 8217309  | 0.79   | cps   |
| Rhodium    | 103-2 | 2003876  | 1996904  | 2003577  | 2001452  | 0.20   | cps   |
| Scandium   | 45-1  | 4479674  | 4416914  | 4394627  | 4430405  | 1.00   | cps   |
| Scandium   | 45-2  | 27584    | 27143    | 26686    | 27138    | 1.66   | cps   |
| Selenium   | 77-2  | 0        | 0        | 7        | 2        | 173.21 | cps   |
| Selenium   | 78-2  | 4        | 0        | 0        | 1        | 173.21 | cps   |
| Selenium   | 82-1  | 18       | 74       | 55       | 49       | 57.73  | cps   |
| Silicon    | 28-1  | 12005077 | 11988451 | 11984741 | 11992756 | 0.09   | cps   |
| Silver     | 109-1 | 850      | 792      | 800      | 814      | 3.88   | cps   |
| Silver     | 107-1 | 1050     | 900      | 892      | 947      | 9.41   | cps   |
| Sodium     | 23-2  | 1939852  | 1917209  | 1942641  | 1933234  | 0.72   | cps   |
| Strontium  | 86-1  | 384292   | 387487   | 390388   | 387389   | 0.79   | cps   |
| Strontium  | 88-1  | 3388444  | 3408834  | 3456068  | 3417782  | 1.01   | cps   |
| Sulfur     | 34-1  | 423898   | 419395   | 419406   | 420900   | 0.62   | cps   |
| Terbium    | 159-1 | 13291611 | 13321171 | 13369899 | 13327560 | 0.30   | cps   |
| Terbium    | 159-2 | 2200279  | 2200721  | 2228137  | 2209712  | 0.72   | cps   |
| Thallium   | 203-1 | 692      | 708      | 708      | 703      | 1.37   | cps   |
| Thallium   | 205-1 | 1775     | 1584     | 1725     | 1695     | 5.87   | cps   |
| Tin        | 118-1 | 21626    | 21334    | 20934    | 21298    | 1.63   | cps   |
| Titanium   | 47-1  | 14711    | 13907    | 13824    | 14147    | 3.46   | cps   |
| Uranium    | 238-1 | 56973    | 57970    | 57769    | 57571    | 0.92   | cps   |
| Vanadium   | 51-2  | 1537     | 1620     | 1750     | 1636     | 6.57   | cps   |
| Yttrium    | 89-1  | 8839120  | 8865655  | 8938202  | 8880992  | 0.58   | cps   |
| Yttrium    | 89-2  | 211466   | 209494   | 211033   | 210664   | 0.49   | cps   |
| Zinc       | 66-2  | 4864     | 4661     | 4634     | 4720     | 2.67   | cps   |

|                         |                     |                   |                     |
|-------------------------|---------------------|-------------------|---------------------|
| LB Number :             | LB97237             | Operator :        | Jaswal              |
| Lab Sample ID :         | J4379-20            | Instrumnet Name : | P8                  |
| Client Sample ID :      | MW-102I             | Dilution Factor : | 1                   |
| Date & Time Acquired :: | 2018-08-10 19:35:22 | DataFile Name :   | 117SMPL_P8081018-MS |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|-----------|------|------|------|------|---------|--------|-------|
| Zirconium | 90-1 | 8204 | 6935 | 7361 | 7500    | 8.61   | cps   |
| Zirconium | 91-1 | 1784 | 1775 | 1483 | 1681    | 10.17  | cps   |

|                         |                     |                   |                     |
|-------------------------|---------------------|-------------------|---------------------|
| LB Number :             | LB97237             | Operator :        | Jaswal              |
| Lab Sample ID :         | J4379-21            | Instrumnet Name : | P8                  |
| Client Sample ID :      | MW-102D             | Dilution Factor : | 1                   |
| Date & Time Acquired :: | 2018-08-10 19:38:41 | DataFile Name :   | 118SMPL_P8081018-MS |

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|------------|-------|----------|----------|----------|----------|--------|-------|
| Aluminium  | 27-2  | 2468     | 2511     | 2526     | 2502     | 1.19   | cps   |
| Antimony   | 121-1 | 19757    | 20934    | 21468    | 20720    | 4.23   | cps   |
| Arsenic    | 75-2  | 331      | 343      | 387      | 354      | 8.31   | cps   |
| Barium     | 135-1 | 30586    | 31974    | 31814    | 31458    | 2.41   | cps   |
| Barium     | 137-1 | 56204    | 55292    | 56187    | 55894    | 0.93   | cps   |
| Beryllium  | 9-1   | 233      | 178      | 217      | 209      | 13.62  | cps   |
| Bismuth    | 209-1 | 8749081  | 8824467  | 8687168  | 8753572  | 0.79   | cps   |
| Bismuth    | 209-2 | 1787872  | 1877980  | 1893973  | 1853275  | 3.09   | cps   |
| Boron      | 10-1  | 49754    | 49210    | 50431    | 49798    | 1.23   | cps   |
| Boron      | 11-1  | 229142   | 235247   | 238791   | 234394   | 2.08   | cps   |
| Cadmium    | 111-1 | 1285     | 1203     | 1203     | 1231     | 3.83   | cps   |
| Cadmium    | 106-1 | 1692     | 1584     | 1617     | 1631     | 3.40   | cps   |
| Cadmium    | 108-1 | 17       | 25       | 17       | 19       | 24.73  | cps   |
| Calcium    | 43-1  | 111415   | 108964   | 110727   | 110369   | 1.15   | cps   |
| Calcium    | 44-1  | 1869524  | 1861246  | 1862943  | 1864571  | 0.23   | cps   |
| Chromium   | 52-2  | 2284     | 2250     | 2244     | 2259     | 0.95   | cps   |
| Cobalt     | 59-2  | 873      | 863      | 947      | 894      | 5.09   | cps   |
| Copper     | 63-2  | 11869    | 12142    | 12252    | 12088    | 1.63   | cps   |
| Dysprosium | 156-1 | 1525     | 1333     | 1500     | 1453     | 7.17   | cps   |
| Dysprosium | 156-2 | 270      | 287      | 263      | 273      | 4.40   | cps   |
| Erbium     | 164-1 | 1142     | 1067     | 1167     | 1125     | 4.63   | cps   |
| Erbium     | 164-2 | 220      | 193      | 190      | 201      | 8.18   | cps   |
| Gadolinium | 160-1 | 1417     | 1392     | 1342     | 1383     | 2.76   | cps   |
| Gadolinium | 160-2 | 243      | 310      | 317      | 290      | 13.98  | cps   |
| Holmium    | 165-1 | 12967976 | 12989091 | 12809086 | 12922051 | 0.76   | cps   |
| Holmium    | 165-2 | 2158880  | 2265356  | 2290258  | 2238165  | 3.12   | cps   |
| Indium     | 115-1 | 8963093  | 9041393  | 8785794  | 8930093  | 1.47   | cps   |
| Indium     | 115-2 | 273789   | 286128   | 288055   | 282657   | 2.74   | cps   |
| Iron       | 56-2  | 411599   | 409262   | 409528   | 410129   | 0.31   | cps   |
| Iron       | 57-2  | 10754    | 10343    | 10004    | 10367    | 3.63   | cps   |
| Krypton    | 83-1  | 313      | 280      | 360      | 318      | 12.65  | cps   |
| Lead       | 206-1 | 35584    | 37405    | 37049    | 36679    | 2.63   | cps   |
| Lead       | 207-1 | 31529    | 31083    | 30660    | 31090    | 1.40   | cps   |
| Lead       | 208-1 | 144324   | 145728   | 144541   | 144864   | 0.52   | cps   |
| Lithium    | 6-1   | 1657412  | 1666059  | 1655281  | 1659584  | 0.34   | cps   |
| Magnesium  | 24-2  | 74369    | 74269    | 72962    | 73867    | 1.06   | cps   |

|                         |                     |                   |                     |
|-------------------------|---------------------|-------------------|---------------------|
| LB Number :             | LB97237             | Operator :        | Jaswal              |
| Lab Sample ID :         | J4379-21            | Instrumnet Name : | P8                  |
| Client Sample ID :      | MW-102D             | Dilution Factor : | 1                   |
| Date & Time Acquired :: | 2018-08-10 19:38:41 | DataFile Name :   | 118SMPL_P8081018-MS |

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|------------|-------|----------|----------|----------|----------|--------|-------|
| Manganese  | 55-2  | 16103    | 16333    | 16427    | 16287    | 1.02   | cps   |
| Molybdenum | 94-1  | 6068     | 6321     | 5685     | 6025     | 5.32   | cps   |
| Molybdenum | 95-1  | 3959     | 3942     | 4084     | 3995     | 1.94   | cps   |
| Molybdenum | 96-1  | 5109     | 5043     | 5059     | 5071     | 0.68   | cps   |
| Molybdenum | 97-1  | 2667     | 2542     | 2709     | 2639     | 3.29   | cps   |
| Molybdenum | 98-1  | 6969     | 6902     | 6852     | 6908     | 0.85   | cps   |
| Neodymium  | 150-1 | 1727     | 1860     | 1867     | 1818     | 4.34   | cps   |
| Neodymium  | 150-2 | 200      | 210      | 227      | 212      | 6.35   | cps   |
| Nickel     | 60-2  | 867      | 750      | 680      | 766      | 12.32  | cps   |
| Phosphorus | 31-2  | 83       | 100      | 58       | 81       | 26.03  | cps   |
| Potassium  | 39-2  | 54992    | 54715    | 56422    | 55376    | 1.65   | cps   |
| Rhodium    | 103-1 | 7996968  | 7972466  | 7734332  | 7901255  | 1.84   | cps   |
| Rhodium    | 103-2 | 1801840  | 1907521  | 1931392  | 1880251  | 3.67   | cps   |
| Scandium   | 45-1  | 4376397  | 4362146  | 4289470  | 4342671  | 1.07   | cps   |
| Scandium   | 45-2  | 24355    | 27026    | 26699    | 26027    | 5.60   | cps   |
| Selenium   | 77-2  | 0        | 7        | 3        | 3        | 100.05 | cps   |
| Selenium   | 78-2  | 4        | 4        | 2        | 3        | 34.64  | cps   |
| Selenium   | 82-1  | 130      | 177      | 128      | 145      | 19.17  | cps   |
| Silicon    | 28-1  | 23742028 | 23013168 | 22983794 | 23246330 | 1.85   | cps   |
| Silver     | 109-1 | 1050     | 725      | 792      | 856      | 20.06  | cps   |
| Silver     | 107-1 | 858      | 933      | 883      | 892      | 4.28   | cps   |
| Sodium     | 23-2  | 15997604 | 15918036 | 15809927 | 15908522 | 0.59   | cps   |
| Strontium  | 86-1  | 362771   | 363861   | 361897   | 362843   | 0.27   | cps   |
| Strontium  | 88-1  | 3245799  | 3192060  | 3230002  | 3222620  | 0.86   | cps   |
| Sulfur     | 34-1  | 911475   | 893977   | 896863   | 900772   | 1.04   | cps   |
| Terbium    | 159-1 | 13099566 | 13162533 | 12950999 | 13071033 | 0.83   | cps   |
| Terbium    | 159-2 | 2046069  | 2129939  | 2147730  | 2107913  | 2.58   | cps   |
| Thallium   | 203-1 | 483      | 458      | 392      | 444      | 10.66  | cps   |
| Thallium   | 205-1 | 883      | 1017     | 1042     | 981      | 8.68   | cps   |
| Tin        | 118-1 | 17103    | 17195    | 17654    | 17318    | 1.70   | cps   |
| Titanium   | 47-1  | 18897    | 20773    | 21529    | 20400    | 6.64   | cps   |
| Uranium    | 238-1 | 16478    | 16637    | 16737    | 16617    | 0.79   | cps   |
| Vanadium   | 51-2  | 1837     | 1867     | 1607     | 1770     | 8.04   | cps   |
| Yttrium    | 89-1  | 8705856  | 8717153  | 8541488  | 8654833  | 1.14   | cps   |
| Yttrium    | 89-2  | 195546   | 205345   | 209125   | 203339   | 3.45   | cps   |
| Zinc       | 66-2  | 5148     | 5054     | 5308     | 5170     | 2.48   | cps   |

|                         |                     |                   |                     |
|-------------------------|---------------------|-------------------|---------------------|
| LB Number :             | LB97237             | Operator :        | Jaswal              |
| Lab Sample ID :         | J4379-21            | Instrumnet Name : | P8                  |
| Client Sample ID :      | MW-102D             | Dilution Factor : | 1                   |
| Date & Time Acquired :: | 2018-08-10 19:38:41 | DataFile Name :   | 118SMPL_P8081018-MS |

| Parameter | Mass | CPS1  | CPS2  | CPS3 | CPSMean | CPSRSD | Units |
|-----------|------|-------|-------|------|---------|--------|-------|
| Zirconium | 90-1 | 11810 | 11553 | 8436 | 10600   | 17.72  | cps   |
| Zirconium | 91-1 | 2034  | 2050  | 2117 | 2067    | 2.13   | cps   |

|                         |                     |                   |                     |
|-------------------------|---------------------|-------------------|---------------------|
| LB Number :             | LB97237             | Operator :        | Jaswal              |
| Lab Sample ID :         | J4379-22            | Instrumnet Name : | P8                  |
| Client Sample ID :      | MW-101S             | Dilution Factor : | 1                   |
| Date & Time Acquired :: | 2018-08-10 19:42:00 | DataFile Name :   | 119SMPL_P8081018-MS |

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|------------|-------|----------|----------|----------|----------|--------|-------|
| Aluminium  | 27-2  | 1621     | 1623     | 1671     | 1638     | 1.72   | cps   |
| Antimony   | 121-1 | 28607    | 29651    | 30077    | 29445    | 2.57   | cps   |
| Arsenic    | 75-2  | 148      | 144      | 135      | 143      | 4.68   | cps   |
| Barium     | 135-1 | 239044   | 236272   | 237713   | 237676   | 0.58   | cps   |
| Barium     | 137-1 | 420389   | 415696   | 419415   | 418500   | 0.59   | cps   |
| Beryllium  | 9-1   | 178      | 167      | 233      | 193      | 18.55  | cps   |
| Bismuth    | 209-1 | 8461353  | 8343967  | 8330596  | 8378638  | 0.86   | cps   |
| Bismuth    | 209-2 | 1759773  | 1800380  | 1789680  | 1783277  | 1.18   | cps   |
| Boron      | 10-1  | 41160    | 41060    | 42865    | 41695    | 2.43   | cps   |
| Boron      | 11-1  | 193310   | 195152   | 203000   | 197154   | 2.61   | cps   |
| Cadmium    | 111-1 | 1558     | 1349     | 1253     | 1387     | 11.28  | cps   |
| Cadmium    | 106-1 | 1817     | 1625     | 1525     | 1656     | 8.95   | cps   |
| Cadmium    | 108-1 | 25       | 38       | 33       | 32       | 19.92  | cps   |
| Calcium    | 43-1  | 1351548  | 1353593  | 1349869  | 1351670  | 0.14   | cps   |
| Calcium    | 44-1  | 21611204 | 21730287 | 21650689 | 21664060 | 0.28   | cps   |
| Chromium   | 52-2  | 1800     | 1660     | 1667     | 1709     | 4.62   | cps   |
| Cobalt     | 59-2  | 4908     | 4764     | 4871     | 4848     | 1.54   | cps   |
| Copper     | 63-2  | 16771    | 17344    | 17151    | 17089    | 1.71   | cps   |
| Dysprosium | 156-1 | 1100     | 967      | 1192     | 1086     | 10.42  | cps   |
| Dysprosium | 156-2 | 183      | 230      | 227      | 213      | 12.20  | cps   |
| Erbium     | 164-1 | 1067     | 950      | 983      | 1000     | 6.01   | cps   |
| Erbium     | 164-2 | 147      | 173      | 137      | 152      | 12.45  | cps   |
| Gadolinium | 160-1 | 1033     | 1183     | 1225     | 1147     | 8.79   | cps   |
| Gadolinium | 160-2 | 257      | 247      | 257      | 253      | 2.28   | cps   |
| Holmium    | 165-1 | 12276530 | 12481141 | 12433718 | 12397130 | 0.86   | cps   |
| Holmium    | 165-2 | 2145311  | 2163150  | 2170002  | 2159488  | 0.59   | cps   |
| Indium     | 115-1 | 8586566  | 8553404  | 8585116  | 8575029  | 0.22   | cps   |
| Indium     | 115-2 | 272804   | 273318   | 273697   | 273273   | 0.16   | cps   |
| Iron       | 56-2  | 283619   | 283731   | 282054   | 283135   | 0.33   | cps   |
| Iron       | 57-2  | 7347     | 7531     | 7163     | 7347     | 2.50   | cps   |
| Krypton    | 83-1  | 317      | 323      | 263      | 301      | 10.92  | cps   |
| Lead       | 206-1 | 118604   | 118699   | 118845   | 118716   | 0.10   | cps   |
| Lead       | 207-1 | 99197    | 98210    | 100803   | 99403    | 1.32   | cps   |
| Lead       | 208-1 | 464893   | 461108   | 465386   | 463796   | 0.50   | cps   |
| Lithium    | 6-1   | 1602698  | 1544167  | 1588735  | 1578533  | 1.94   | cps   |
| Magnesium  | 24-2  | 422234   | 416932   | 417602   | 418923   | 0.69   | cps   |

|                         |                     |                   |                     |
|-------------------------|---------------------|-------------------|---------------------|
| LB Number :             | LB97237             | Operator :        | Jaswal              |
| Lab Sample ID :         | J4379-22            | Instrumnet Name : | P8                  |
| Client Sample ID :      | MW-101S             | Dilution Factor : | 1                   |
| Date & Time Acquired :: | 2018-08-10 19:42:00 | DataFile Name :   | 119SMPL_P8081018-MS |

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|------------|-------|----------|----------|----------|----------|--------|-------|
| Manganese  | 55-2  | 24926    | 25163    | 24969    | 25019    | 0.50   | cps   |
| Molybdenum | 94-1  | 3409     | 3776     | 3542     | 3576     | 5.19   | cps   |
| Molybdenum | 95-1  | 3951     | 4051     | 4001     | 4001     | 1.25   | cps   |
| Molybdenum | 96-1  | 4701     | 4401     | 4434     | 4512     | 3.65   | cps   |
| Molybdenum | 97-1  | 2234     | 2742     | 2359     | 2445     | 10.84  | cps   |
| Molybdenum | 98-1  | 6210     | 6527     | 6510     | 6416     | 2.78   | cps   |
| Neodymium  | 150-1 | 1633     | 1507     | 1600     | 1580     | 4.16   | cps   |
| Neodymium  | 150-2 | 170      | 183      | 177      | 177      | 3.78   | cps   |
| Nickel     | 60-2  | 1443     | 1430     | 1430     | 1435     | 0.54   | cps   |
| Phosphorus | 31-2  | 42       | 33       | 8        | 28       | 62.46  | cps   |
| Potassium  | 39-2  | 44338    | 43844    | 43719    | 43967    | 0.74   | cps   |
| Rhodium    | 103-1 | 7643373  | 7584651  | 7605999  | 7611341  | 0.39   | cps   |
| Rhodium    | 103-2 | 1837165  | 1828733  | 1850242  | 1838713  | 0.59   | cps   |
| Scandium   | 45-1  | 4137691  | 4141459  | 4119808  | 4132986  | 0.28   | cps   |
| Scandium   | 45-2  | 25246    | 24672    | 24689    | 24869    | 1.31   | cps   |
| Selenium   | 77-2  | 3        | 0        | 0        | 1        | 173.21 | cps   |
| Selenium   | 78-2  | 6        | 7        | 6        | 6        | 17.29  | cps   |
| Selenium   | 82-1  | 311      | 331      | 405      | 349      | 14.19  | cps   |
| Silicon    | 28-1  | 35079913 | 34385337 | 34683540 | 34716264 | 1.00   | cps   |
| Silver     | 109-1 | 492      | 583      | 550      | 542      | 8.57   | cps   |
| Silver     | 107-1 | 575      | 575      | 558      | 569      | 1.69   | cps   |
| Sodium     | 23-2  | 5989491  | 6013077  | 6036899  | 6013156  | 0.39   | cps   |
| Strontium  | 86-1  | 601135   | 596415   | 595120   | 597557   | 0.53   | cps   |
| Strontium  | 88-1  | 5251745  | 5255216  | 5251904  | 5252955  | 0.04   | cps   |
| Sulfur     | 34-1  | 739382   | 732063   | 742812   | 738086   | 0.74   | cps   |
| Terbium    | 159-1 | 12496746 | 12661990 | 12590406 | 12583047 | 0.66   | cps   |
| Terbium    | 159-2 | 2065787  | 2039546  | 2047848  | 2051060  | 0.65   | cps   |
| Thallium   | 203-1 | 708      | 608      | 625      | 647      | 8.28   | cps   |
| Thallium   | 205-1 | 1400     | 1700     | 1592     | 1564     | 9.72   | cps   |
| Tin        | 118-1 | 16394    | 16311    | 16528    | 16411    | 0.67   | cps   |
| Titanium   | 47-1  | 15252    | 14483    | 14875    | 14870    | 2.58   | cps   |
| Uranium    | 238-1 | 22864    | 22054    | 23223    | 22713    | 2.64   | cps   |
| Vanadium   | 51-2  | 973      | 840      | 903      | 906      | 7.37   | cps   |
| Yttrium    | 89-1  | 8273441  | 8333867  | 8162394  | 8256567  | 1.05   | cps   |
| Yttrium    | 89-2  | 193016   | 195642   | 194439   | 194366   | 0.68   | cps   |
| Zinc       | 66-2  | 7112     | 6959     | 7379     | 7150     | 2.97   | cps   |



|                         |                     |                   |                     |
|-------------------------|---------------------|-------------------|---------------------|
| LB Number :             | LB97237             | Operator :        | Jaswal              |
| Lab Sample ID :         | J4379-22            | Instrumnet Name : | P8                  |
| Client Sample ID :      | MW-101S             | Dilution Factor : | 1                   |
| Date & Time Acquired :: | 2018-08-10 19:42:00 | DataFile Name :   | 119SMPL_P8081018-MS |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|-----------|------|------|------|------|---------|--------|-------|
| Zirconium | 90-1 | 4168 | 3909 | 4688 | 4255    | 9.32   | cps   |
| Zirconium | 91-1 | 775  | 825  | 767  | 789     | 4.00   | cps   |

|                         |                     |                   |                     |
|-------------------------|---------------------|-------------------|---------------------|
| LB Number :             | LB97237             | Operator :        | Jaswal              |
| Lab Sample ID :         | J4379-23            | Instrumnet Name : | P8                  |
| Client Sample ID :      | MW-1011             | Dilution Factor : | 1                   |
| Date & Time Acquired :: | 2018-08-10 19:45:19 | DataFile Name :   | 120SMPL_P8081018-MS |

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|------------|-------|----------|----------|----------|----------|--------|-------|
| Aluminium  | 27-2  | 940      | 960      | 933      | 944      | 1.51   | cps   |
| Antimony   | 121-1 | 19615    | 21360    | 21435    | 20803    | 4.95   | cps   |
| Arsenic    | 75-2  | 106      | 107      | 111      | 108      | 2.62   | cps   |
| Barium     | 135-1 | 180540   | 184437   | 185736   | 183571   | 1.47   | cps   |
| Barium     | 137-1 | 320543   | 322209   | 320074   | 320942   | 0.35   | cps   |
| Beryllium  | 9-1   | 167      | 222      | 167      | 185      | 17.32  | cps   |
| Bismuth    | 209-1 | 8323322  | 8333810  | 8312444  | 8323192  | 0.13   | cps   |
| Bismuth    | 209-2 | 1803291  | 1790347  | 1793229  | 1795622  | 0.38   | cps   |
| Boron      | 10-1  | 31268    | 31235    | 32279    | 31594    | 1.88   | cps   |
| Boron      | 11-1  | 144479   | 150253   | 152417   | 149050   | 2.75   | cps   |
| Cadmium    | 111-1 | 1225     | 1130     | 1202     | 1186     | 4.16   | cps   |
| Cadmium    | 106-1 | 1700     | 1508     | 1659     | 1622     | 6.21   | cps   |
| Cadmium    | 108-1 | 4        | 25       | 25       | 18       | 66.60  | cps   |
| Calcium    | 43-1  | 768555   | 775577   | 777410   | 773847   | 0.60   | cps   |
| Calcium    | 44-1  | 12654062 | 12756041 | 12808931 | 12739678 | 0.62   | cps   |
| Chromium   | 52-2  | 2430     | 2430     | 2284     | 2381     | 3.56   | cps   |
| Cobalt     | 59-2  | 313      | 303      | 327      | 314      | 3.72   | cps   |
| Copper     | 63-2  | 8836     | 8746     | 8956     | 8846     | 1.19   | cps   |
| Dysprosium | 156-1 | 442      | 667      | 458      | 522      | 24.01  | cps   |
| Dysprosium | 156-2 | 100      | 103      | 80       | 94       | 13.36  | cps   |
| Erbium     | 164-1 | 542      | 617      | 492      | 550      | 11.44  | cps   |
| Erbium     | 164-2 | 67       | 90       | 90       | 82       | 16.38  | cps   |
| Gadolinium | 160-1 | 517      | 400      | 533      | 483      | 15.03  | cps   |
| Gadolinium | 160-2 | 110      | 117      | 123      | 117      | 5.72   | cps   |
| Holmium    | 165-1 | 12387868 | 12425839 | 12418769 | 12410825 | 0.16   | cps   |
| Holmium    | 165-2 | 2204458  | 2167042  | 2186006  | 2185835  | 0.86   | cps   |
| Indium     | 115-1 | 8477391  | 8540707  | 8505628  | 8507908  | 0.37   | cps   |
| Indium     | 115-2 | 274995   | 272239   | 273313   | 273516   | 0.51   | cps   |
| Iron       | 56-2  | 219459   | 217593   | 220324   | 219126   | 0.64   | cps   |
| Iron       | 57-2  | 5829     | 5607     | 5635     | 5690     | 2.13   | cps   |
| Krypton    | 83-1  | 323      | 290      | 287      | 300      | 6.76   | cps   |
| Lead       | 206-1 | 50105    | 50506    | 51655    | 50755    | 1.59   | cps   |
| Lead       | 207-1 | 42667    | 42405    | 42483    | 42518    | 0.32   | cps   |
| Lead       | 208-1 | 195625   | 196598   | 200284   | 197502   | 1.24   | cps   |
| Lithium    | 6-1   | 1569540  | 1568200  | 1546216  | 1561318  | 0.84   | cps   |
| Magnesium  | 24-2  | 960241   | 954601   | 966055   | 960299   | 0.60   | cps   |

|                         |                     |                   |                     |
|-------------------------|---------------------|-------------------|---------------------|
| LB Number :             | LB97237             | Operator :        | Jaswal              |
| Lab Sample ID :         | J4379-23            | Instrumnet Name : | P8                  |
| Client Sample ID :      | MW-1011             | Dilution Factor : | 1                   |
| Date & Time Acquired :: | 2018-08-10 19:45:19 | DataFile Name :   | 120SMPL_P8081018-MS |

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|------------|-------|----------|----------|----------|----------|--------|-------|
| Manganese  | 55-2  | 2457     | 2500     | 2717     | 2558     | 5.45   | cps   |
| Molybdenum | 94-1  | 3367     | 2975     | 3134     | 3159     | 6.24   | cps   |
| Molybdenum | 95-1  | 3092     | 3151     | 3184     | 3142     | 1.48   | cps   |
| Molybdenum | 96-1  | 3709     | 3651     | 3792     | 3717     | 1.92   | cps   |
| Molybdenum | 97-1  | 2109     | 2000     | 1975     | 2028     | 3.50   | cps   |
| Molybdenum | 98-1  | 5493     | 5301     | 5535     | 5443     | 2.29   | cps   |
| Neodymium  | 150-1 | 640      | 547      | 627      | 604      | 8.35   | cps   |
| Neodymium  | 150-2 | 57       | 100      | 73       | 77       | 28.51  | cps   |
| Nickel     | 60-2  | 473      | 500      | 487      | 487      | 2.74   | cps   |
| Phosphorus | 31-2  | 42       | 42       | 17       | 33       | 43.30  | cps   |
| Potassium  | 39-2  | 110380   | 109323   | 110481   | 110061   | 0.58   | cps   |
| Rhodium    | 103-1 | 7617638  | 7628004  | 7681846  | 7642496  | 0.45   | cps   |
| Rhodium    | 103-2 | 1898279  | 1850042  | 1876806  | 1875042  | 1.29   | cps   |
| Scandium   | 45-1  | 4125794  | 4160104  | 4152102  | 4146000  | 0.43   | cps   |
| Scandium   | 45-2  | 25827    | 25620    | 25563    | 25670    | 0.54   | cps   |
| Selenium   | 77-2  | 3        | 0        | 0        | 1        | 173.21 | cps   |
| Selenium   | 78-2  | 2        | 2        | 2        | 2        | 0.00   | cps   |
| Selenium   | 82-1  | 121      | 143      | 169      | 144      | 16.55  | cps   |
| Silicon    | 28-1  | 21745724 | 21919674 | 21991521 | 21885640 | 0.58   | cps   |
| Silver     | 109-1 | 483      | 392      | 625      | 500      | 23.51  | cps   |
| Silver     | 107-1 | 417      | 467      | 483      | 456      | 7.62   | cps   |
| Sodium     | 23-2  | 2285484  | 2221863  | 2271511  | 2259619  | 1.48   | cps   |
| Strontium  | 86-1  | 623329   | 633500   | 634586   | 630472   | 0.98   | cps   |
| Strontium  | 88-1  | 5525522  | 5589803  | 5599383  | 5571569  | 0.72   | cps   |
| Sulfur     | 34-1  | 622781   | 624389   | 632175   | 626448   | 0.80   | cps   |
| Terbium    | 159-1 | 12567741 | 12583329 | 12633863 | 12594978 | 0.27   | cps   |
| Terbium    | 159-2 | 2088204  | 2043204  | 2048418  | 2059942  | 1.19   | cps   |
| Thallium   | 203-1 | 317      | 225      | 242      | 261      | 18.70  | cps   |
| Thallium   | 205-1 | 708      | 633      | 675      | 672      | 5.59   | cps   |
| Tin        | 118-1 | 14767    | 15226    | 15526    | 15173    | 2.52   | cps   |
| Titanium   | 47-1  | 10296    | 10655    | 10321    | 10424    | 1.92   | cps   |
| Uranium    | 238-1 | 44991    | 43955    | 46580    | 45175    | 2.93   | cps   |
| Vanadium   | 51-2  | 1410     | 1373     | 1330     | 1371     | 2.92   | cps   |
| Yttrium    | 89-1  | 8201958  | 8361863  | 8411438  | 8325087  | 1.32   | cps   |
| Yttrium    | 89-2  | 198984   | 196907   | 198401   | 198097   | 0.54   | cps   |
| Zinc       | 66-2  | 9056     | 9133     | 9066     | 9085     | 0.46   | cps   |

|                         |                     |                   |                     |
|-------------------------|---------------------|-------------------|---------------------|
| LB Number :             | LB97237             | Operator :        | Jaswal              |
| Lab Sample ID :         | J4379-23            | Instrumnet Name : | P8                  |
| Client Sample ID :      | MW-1011             | Dilution Factor : | 1                   |
| Date & Time Acquired :: | 2018-08-10 19:45:19 | DataFile Name :   | 120SMPL_P8081018-MS |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|-----------|------|------|------|------|---------|--------|-------|
| Zirconium | 90-1 | 3809 | 4101 | 3392 | 3767    | 9.46   | cps   |
| Zirconium | 91-1 | 808  | 600  | 708  | 706     | 14.77  | cps   |

|                         |                     |                   |                     |
|-------------------------|---------------------|-------------------|---------------------|
| LB Number :             | LB97237             | Operator :        | Jaswal              |
| Lab Sample ID :         | J4379-24            | Instrumnet Name : | P8                  |
| Client Sample ID :      | MW-101D             | Dilution Factor : | 1                   |
| Date & Time Acquired :: | 2018-08-10 19:48:39 | DataFile Name :   | 121SMPL_P8081018-MS |

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|------------|-------|----------|----------|----------|----------|--------|-------|
| Aluminium  | 27-2  | 953      | 828      | 888      | 889      | 7.03   | cps   |
| Antimony   | 121-1 | 18973    | 19273    | 20325    | 19523    | 3.64   | cps   |
| Arsenic    | 75-2  | 122      | 122      | 93       | 112      | 15.23  | cps   |
| Barium     | 135-1 | 204394   | 208230   | 210263   | 207629   | 1.44   | cps   |
| Barium     | 137-1 | 360218   | 370085   | 368441   | 366248   | 1.44   | cps   |
| Beryllium  | 9-1   | 128      | 106      | 122      | 119      | 9.76   | cps   |
| Bismuth    | 209-1 | 8206920  | 8451391  | 8359945  | 8339419  | 1.48   | cps   |
| Bismuth    | 209-2 | 1738064  | 1742767  | 1776295  | 1752375  | 1.19   | cps   |
| Boron      | 10-1  | 41344    | 42447    | 42623    | 42138    | 1.64   | cps   |
| Boron      | 11-1  | 191841   | 197458   | 197896   | 195732   | 1.72   | cps   |
| Cadmium    | 111-1 | 1207     | 1357     | 1118     | 1227     | 9.85   | cps   |
| Cadmium    | 106-1 | 1609     | 1850     | 1558     | 1672     | 9.33   | cps   |
| Cadmium    | 108-1 | 21       | 25       | 33       | 26       | 24.12  | cps   |
| Calcium    | 43-1  | 920029   | 941961   | 942687   | 934893   | 1.38   | cps   |
| Calcium    | 44-1  | 15335400 | 15405690 | 15383853 | 15374981 | 0.23   | cps   |
| Chromium   | 52-2  | 2110     | 2187     | 2287     | 2195     | 4.04   | cps   |
| Cobalt     | 59-2  | 823      | 793      | 807      | 808      | 1.86   | cps   |
| Copper     | 63-2  | 8136     | 8079     | 8229     | 8148     | 0.93   | cps   |
| Dysprosium | 156-1 | 583      | 658      | 650      | 631      | 6.52   | cps   |
| Dysprosium | 156-2 | 93       | 137      | 153      | 128      | 24.24  | cps   |
| Erbium     | 164-1 | 650      | 700      | 575      | 642      | 9.81   | cps   |
| Erbium     | 164-2 | 77       | 117      | 100      | 98       | 20.55  | cps   |
| Gadolinium | 160-1 | 725      | 658      | 725      | 703      | 5.48   | cps   |
| Gadolinium | 160-2 | 210      | 163      | 163      | 179      | 15.06  | cps   |
| Holmium    | 165-1 | 12473834 | 12801283 | 12791345 | 12688821 | 1.47   | cps   |
| Holmium    | 165-2 | 2168871  | 2196255  | 2185360  | 2183496  | 0.63   | cps   |
| Indium     | 115-1 | 8596989  | 8657963  | 8696838  | 8650597  | 0.58   | cps   |
| Indium     | 115-2 | 273337   | 274954   | 278076   | 275455   | 0.87   | cps   |
| Iron       | 56-2  | 185027   | 187577   | 189170   | 187258   | 1.12   | cps   |
| Iron       | 57-2  | 4684     | 5057     | 4745     | 4829     | 4.14   | cps   |
| Krypton    | 83-1  | 370      | 263      | 383      | 339      | 19.41  | cps   |
| Lead       | 206-1 | 37600    | 37634    | 38108    | 37781    | 0.75   | cps   |
| Lead       | 207-1 | 31913    | 32353    | 31674    | 31980    | 1.08   | cps   |
| Lead       | 208-1 | 147619   | 149826   | 148670   | 148705   | 0.74   | cps   |
| Lithium    | 6-1   | 1496677  | 1483327  | 1458401  | 1479468  | 1.31   | cps   |
| Magnesium  | 24-2  | 1004903  | 1011066  | 1014484  | 1010151  | 0.48   | cps   |

|                         |                     |                   |                     |
|-------------------------|---------------------|-------------------|---------------------|
| LB Number :             | LB97237             | Operator :        | Jaswal              |
| Lab Sample ID :         | J4379-24            | Instrumnet Name : | P8                  |
| Client Sample ID :      | MW-101D             | Dilution Factor : | 1                   |
| Date & Time Acquired :: | 2018-08-10 19:48:39 | DataFile Name :   | 121SMPL_P8081018-MS |

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|------------|-------|----------|----------|----------|----------|--------|-------|
| Manganese  | 55-2  | 3564     | 3637     | 3781     | 3661     | 3.01   | cps   |
| Molybdenum | 94-1  | 1950     | 2175     | 1959     | 2028     | 6.29   | cps   |
| Molybdenum | 95-1  | 1375     | 1283     | 1425     | 1361     | 5.28   | cps   |
| Molybdenum | 96-1  | 1575     | 1975     | 1825     | 1792     | 11.28  | cps   |
| Molybdenum | 97-1  | 842      | 892      | 900      | 878      | 3.59   | cps   |
| Molybdenum | 98-1  | 2609     | 2159     | 2434     | 2400     | 9.45   | cps   |
| Neodymium  | 150-1 | 1220     | 967      | 1067     | 1085     | 11.77  | cps   |
| Neodymium  | 150-2 | 90       | 117      | 137      | 114      | 20.46  | cps   |
| Nickel     | 60-2  | 623      | 520      | 573      | 572      | 9.03   | cps   |
| Phosphorus | 31-2  | 8        | 0        | 17       | 8        | 100.02 | cps   |
| Potassium  | 39-2  | 212078   | 212436   | 215990   | 213502   | 1.01   | cps   |
| Rhodium    | 103-1 | 7549342  | 7741256  | 7651068  | 7647222  | 1.26   | cps   |
| Rhodium    | 103-2 | 1829497  | 1836748  | 1839243  | 1835163  | 0.28   | cps   |
| Scandium   | 45-1  | 4161349  | 4311909  | 4234592  | 4235950  | 1.78   | cps   |
| Scandium   | 45-2  | 25978    | 25887    | 25734    | 25866    | 0.48   | cps   |
| Selenium   | 77-2  | 3        | 0        | 0        | 1        | 173.21 | cps   |
| Selenium   | 78-2  | 0        | 4        | 0        | 1        | 173.21 | cps   |
| Selenium   | 82-1  | 150      | 265      | 169      | 194      | 31.82  | cps   |
| Silicon    | 28-1  | 22628823 | 23098054 | 23109764 | 22945547 | 1.20   | cps   |
| Silver     | 109-1 | 517      | 492      | 500      | 503      | 2.53   | cps   |
| Silver     | 107-1 | 533      | 458      | 500      | 497      | 7.56   | cps   |
| Sodium     | 23-2  | 14178869 | 14173217 | 14375689 | 14242592 | 0.81   | cps   |
| Strontium  | 86-1  | 1569069  | 1584171  | 1601084  | 1584775  | 1.01   | cps   |
| Strontium  | 88-1  | 13559778 | 13621540 | 13877576 | 13686298 | 1.23   | cps   |
| Sulfur     | 34-1  | 984179   | 987429   | 1007006  | 992871   | 1.24   | cps   |
| Terbium    | 159-1 | 12476209 | 12803469 | 12780869 | 12686849 | 1.44   | cps   |
| Terbium    | 159-2 | 2038356  | 2060775  | 2103749  | 2067626  | 1.61   | cps   |
| Thallium   | 203-1 | 167      | 325      | 267      | 253      | 31.68  | cps   |
| Thallium   | 205-1 | 608      | 650      | 558      | 606      | 7.58   | cps   |
| Tin        | 118-1 | 13549    | 13958    | 13733    | 13747    | 1.49   | cps   |
| Titanium   | 47-1  | 9871     | 10213    | 10621    | 10235    | 3.67   | cps   |
| Uranium    | 238-1 | 17205    | 17162    | 17363    | 17243    | 0.61   | cps   |
| Vanadium   | 51-2  | 723      | 700      | 760      | 728      | 4.16   | cps   |
| Yttrium    | 89-1  | 8333489  | 8525351  | 8459464  | 8439435  | 1.16   | cps   |
| Yttrium    | 89-2  | 197219   | 199511   | 199443   | 198724   | 0.66   | cps   |
| Zinc       | 66-2  | 8763     | 8449     | 8553     | 8588     | 1.86   | cps   |

|                         |                     |                   |                     |
|-------------------------|---------------------|-------------------|---------------------|
| LB Number :             | LB97237             | Operator :        | Jaswal              |
| Lab Sample ID :         | J4379-24            | Instrumnet Name : | P8                  |
| Client Sample ID :      | MW-101D             | Dilution Factor : | 1                   |
| Date & Time Acquired :: | 2018-08-10 19:48:39 | DataFile Name :   | 121SMPL_P8081018-MS |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|-----------|------|------|------|------|---------|--------|-------|
| Zirconium | 90-1 | 3576 | 3476 | 3526 | 3526    | 1.42   | cps   |
| Zirconium | 91-1 | 808  | 900  | 859  | 856     | 5.36   | cps   |

|                         |                     |                   |                     |
|-------------------------|---------------------|-------------------|---------------------|
| LB Number :             | LB97237             | Operator :        | Jaswal              |
| Lab Sample ID :         | J4379-25            | Instrumnet Name : | P8                  |
| Client Sample ID :      | MW-103D             | Dilution Factor : | 1                   |
| Date & Time Acquired :: | 2018-08-10 19:51:57 | DataFile Name :   | 122SMPL_P8081018-MS |

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|------------|-------|----------|----------|----------|----------|--------|-------|
| Aluminium  | 27-2  | 123      | 103      | 95       | 107      | 13.32  | cps   |
| Antimony   | 121-1 | 17971    | 19323    | 20141    | 19145    | 5.72   | cps   |
| Arsenic    | 75-2  | 191      | 193      | 150      | 178      | 13.54  | cps   |
| Barium     | 135-1 | 90248    | 90836    | 89308    | 90131    | 0.86   | cps   |
| Barium     | 137-1 | 155444   | 158574   | 157469   | 157162   | 1.01   | cps   |
| Beryllium  | 9-1   | 122      | 106      | 144      | 124      | 15.72  | cps   |
| Bismuth    | 209-1 | 8251012  | 8282741  | 8256239  | 8263331  | 0.21   | cps   |
| Bismuth    | 209-2 | 1779663  | 1719370  | 1756259  | 1751764  | 1.74   | cps   |
| Boron      | 10-1  | 47555    | 48960    | 49386    | 48633    | 1.97   | cps   |
| Boron      | 11-1  | 225632   | 231310   | 230880   | 229274   | 1.38   | cps   |
| Cadmium    | 111-1 | 1213     | 1143     | 1083     | 1146     | 5.71   | cps   |
| Cadmium    | 106-1 | 1675     | 1600     | 1500     | 1592     | 5.52   | cps   |
| Cadmium    | 108-1 | 25       | 21       | 25       | 24       | 10.20  | cps   |
| Calcium    | 43-1  | 105729   | 105839   | 105579   | 105716   | 0.12   | cps   |
| Calcium    | 44-1  | 1764467  | 1763577  | 1760524  | 1762856  | 0.12   | cps   |
| Chromium   | 52-2  | 523      | 593      | 623      | 580      | 8.85   | cps   |
| Cobalt     | 59-2  | 543      | 480      | 437      | 487      | 11.02  | cps   |
| Copper     | 63-2  | 9056     | 8770     | 9130     | 8985     | 2.12   | cps   |
| Dysprosium | 156-1 | 33       | 50       | 50       | 44       | 21.66  | cps   |
| Dysprosium | 156-2 | 3        | 20       | 13       | 12       | 68.66  | cps   |
| Erbium     | 164-1 | 67       | 50       | 67       | 61       | 15.75  | cps   |
| Erbium     | 164-2 | 3        | 10       | 13       | 9        | 57.30  | cps   |
| Gadolinium | 160-1 | 100      | 33       | 158      | 97       | 64.34  | cps   |
| Gadolinium | 160-2 | 17       | 13       | 7        | 12       | 41.65  | cps   |
| Holmium    | 165-1 | 12274321 | 12397148 | 12522810 | 12398093 | 1.00   | cps   |
| Holmium    | 165-2 | 2183251  | 2148042  | 2146560  | 2159284  | 0.96   | cps   |
| Indium     | 115-1 | 8512788  | 8582497  | 8543346  | 8546210  | 0.41   | cps   |
| Indium     | 115-2 | 273113   | 270970   | 272339   | 272141   | 0.40   | cps   |
| Iron       | 56-2  | 107557   | 108043   | 106666   | 107422   | 0.65   | cps   |
| Iron       | 57-2  | 2611     | 2439     | 2928     | 2660     | 9.33   | cps   |
| Krypton    | 83-1  | 303      | 317      | 397      | 339      | 14.90  | cps   |
| Lead       | 206-1 | 16228    | 16528    | 16322    | 16359    | 0.94   | cps   |
| Lead       | 207-1 | 14142    | 14036    | 14369    | 14182    | 1.20   | cps   |
| Lead       | 208-1 | 63613    | 64772    | 64988    | 64458    | 1.15   | cps   |
| Lithium    | 6-1   | 1424024  | 1450322  | 1435976  | 1436774  | 0.92   | cps   |
| Magnesium  | 24-2  | 142626   | 145125   | 142894   | 143548   | 0.96   | cps   |



|                         |                     |                   |                     |
|-------------------------|---------------------|-------------------|---------------------|
| LB Number :             | LB97237             | Operator :        | Jaswal              |
| Lab Sample ID :         | J4379-25            | Instrumnet Name : | P8                  |
| Client Sample ID :      | MW-103D             | Dilution Factor : | 1                   |
| Date & Time Acquired :: | 2018-08-10 19:51:57 | DataFile Name :   | 122SMPL_P8081018-MS |

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|------------|-------|----------|----------|----------|----------|--------|-------|
| Manganese  | 55-2  | 31566    | 31709    | 32451    | 31909    | 1.49   | cps   |
| Molybdenum | 94-1  | 11964    | 11339    | 12073    | 11792    | 3.36   | cps   |
| Molybdenum | 95-1  | 18889    | 18438    | 19607    | 18978    | 3.11   | cps   |
| Molybdenum | 96-1  | 20725    | 21468    | 20266    | 20820    | 2.91   | cps   |
| Molybdenum | 97-1  | 11764    | 11530    | 12181    | 11825    | 2.79   | cps   |
| Molybdenum | 98-1  | 30193    | 30419    | 31312    | 30641    | 1.93   | cps   |
| Neodymium  | 150-1 | 73       | 60       | 87       | 73       | 18.18  | cps   |
| Neodymium  | 150-2 | 7        | 3        | 13       | 8        | 65.47  | cps   |
| Nickel     | 60-2  | 557      | 590      | 513      | 553      | 6.95   | cps   |
| Phosphorus | 31-2  | 25       | 42       | 25       | 31       | 31.50  | cps   |
| Potassium  | 39-2  | 175639   | 176238   | 178342   | 176740   | 0.80   | cps   |
| Rhodium    | 103-1 | 7480768  | 7555259  | 7610046  | 7548691  | 0.86   | cps   |
| Rhodium    | 103-2 | 1835566  | 1827494  | 1834734  | 1832598  | 0.24   | cps   |
| Scandium   | 45-1  | 4183280  | 4207623  | 4188555  | 4193153  | 0.31   | cps   |
| Scandium   | 45-2  | 26161    | 25690    | 25550    | 25801    | 1.24   | cps   |
| Selenium   | 77-2  | 0        | 0        | 0        | 0        | 0.00   | cps   |
| Selenium   | 78-2  | 2        | 0        | 0        | 1        | 173.21 | cps   |
| Selenium   | 82-1  | 197      | 188      | 144      | 176      | 16.02  | cps   |
| Silicon    | 28-1  | 12999980 | 12928045 | 13026404 | 12984810 | 0.39   | cps   |
| Silver     | 109-1 | 358      | 350      | 342      | 350      | 2.38   | cps   |
| Silver     | 107-1 | 308      | 417      | 350      | 358      | 15.25  | cps   |
| Sodium     | 23-2  | 20035783 | 19943266 | 20115463 | 20031504 | 0.43   | cps   |
| Strontium  | 86-1  | 261842   | 264293   | 262241   | 262792   | 0.50   | cps   |
| Strontium  | 88-1  | 2376095  | 2394937  | 2361487  | 2377507  | 0.71   | cps   |
| Sulfur     | 34-1  | 938158   | 1051860  | 1052284  | 1014101  | 6.49   | cps   |
| Terbium    | 159-1 | 12376530 | 12578176 | 12632174 | 12528960 | 1.08   | cps   |
| Terbium    | 159-2 | 2030568  | 2007391  | 2042148  | 2026702  | 0.87   | cps   |
| Thallium   | 203-1 | 158      | 308      | 217      | 228      | 33.20  | cps   |
| Thallium   | 205-1 | 667      | 583      | 533      | 594      | 11.33  | cps   |
| Tin        | 118-1 | 12348    | 12365    | 12840    | 12518    | 2.23   | cps   |
| Titanium   | 47-1  | 658      | 775      | 742      | 725      | 8.29   | cps   |
| Uranium    | 238-1 | 12357    | 11789    | 11639    | 11928    | 3.17   | cps   |
| Vanadium   | 51-2  | 710      | 710      | 667      | 696      | 3.60   | cps   |
| Yttrium    | 89-1  | 8251552  | 8300362  | 8311824  | 8287913  | 0.39   | cps   |
| Yttrium    | 89-2  | 197371   | 198679   | 196829   | 197626   | 0.48   | cps   |
| Zinc       | 66-2  | 5905     | 5738     | 6101     | 5915     | 3.08   | cps   |

|                         |                     |                   |                     |
|-------------------------|---------------------|-------------------|---------------------|
| LB Number :             | LB97237             | Operator :        | Jaswal              |
| Lab Sample ID :         | J4379-25            | Instrumnet Name : | P8                  |
| Client Sample ID :      | MW-103D             | Dilution Factor : | 1                   |
| Date & Time Acquired :: | 2018-08-10 19:51:57 | DataFile Name :   | 122SMPL_P8081018-MS |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|-----------|------|------|------|------|---------|--------|-------|
| Zirconium | 90-1 | 3209 | 3050 | 2634 | 2964    | 10.02  | cps   |
| Zirconium | 91-1 | 708  | 800  | 567  | 692     | 17.00  | cps   |

|                         |                     |                   |                     |
|-------------------------|---------------------|-------------------|---------------------|
| LB Number :             | LB97237             | Operator :        | Jaswal              |
| Lab Sample ID :         | J4379-01RE          | Instrumnet Name : | P8                  |
| Client Sample ID :      | FB-08072018RE       | Dilution Factor : | 1                   |
| Date & Time Acquired :: | 2018-08-10 19:55:17 | DataFile Name :   | 123SMPL_P8081018-MS |

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|------------|-------|----------|----------|----------|----------|--------|-------|
| Aluminium  | 27-2  | 3        | 5        | 13       | 7        | 78.06  | cps   |
| Antimony   | 121-1 | 1233     | 1167     | 1025     | 1142     | 9.32   | cps   |
| Arsenic    | 75-2  | 4        | 6        | 6        | 5        | 21.74  | cps   |
| Barium     | 135-1 | 33       | 58       | 42       | 44       | 28.65  | cps   |
| Barium     | 137-1 | 58       | 75       | 125      | 86       | 40.29  | cps   |
| Beryllium  | 9-1   | 150      | 167      | 156      | 157      | 5.39   | cps   |
| Bismuth    | 209-1 | 9449815  | 9336775  | 9413214  | 9399935  | 0.61   | cps   |
| Bismuth    | 209-2 | 2128993  | 2159706  | 2171403  | 2153367  | 1.02   | cps   |
| Boron      | 10-1  | 4693     | 3734     | 4468     | 4298     | 11.66  | cps   |
| Boron      | 11-1  | 21801    | 19998    | 19531    | 20443    | 5.86   | cps   |
| Cadmium    | 111-1 | 1266     | 1207     | 1360     | 1278     | 6.04   | cps   |
| Cadmium    | 106-1 | 1784     | 1709     | 1934     | 1809     | 6.34   | cps   |
| Cadmium    | 108-1 | 17       | 8        | 21       | 15       | 41.67  | cps   |
| Calcium    | 43-1  | 650      | 442      | 583      | 558      | 19.05  | cps   |
| Calcium    | 44-1  | 15401    | 14533    | 14575    | 14836    | 3.30   | cps   |
| Chromium   | 52-2  | 360      | 270      | 293      | 308      | 15.18  | cps   |
| Cobalt     | 59-2  | 40       | 27       | 17       | 28       | 42.13  | cps   |
| Copper     | 63-2  | 1073     | 930      | 917      | 973      | 8.92   | cps   |
| Dysprosium | 156-1 | 0        | 25       | 8        | 11       | 114.58 | cps   |
| Dysprosium | 156-2 | 0        | 3        | 0        | 1        | 173.21 | cps   |
| Erbium     | 164-1 | 25       | 33       | 33       | 31       | 15.74  | cps   |
| Erbium     | 164-2 | 3        | 13       | 0        | 6        | 124.93 | cps   |
| Gadolinium | 160-1 | 92       | 75       | 67       | 78       | 16.37  | cps   |
| Gadolinium | 160-2 | 17       | 3        | 13       | 11       | 62.48  | cps   |
| Holmium    | 165-1 | 13810962 | 13718508 | 13950355 | 13826608 | 0.84   | cps   |
| Holmium    | 165-2 | 2567551  | 2553688  | 2553742  | 2558327  | 0.31   | cps   |
| Indium     | 115-1 | 9906227  | 9905425  | 9998601  | 9936751  | 0.54   | cps   |
| Indium     | 115-2 | 346259   | 344885   | 341105   | 344083   | 0.78   | cps   |
| Iron       | 56-2  | 1078     | 1217     | 867      | 1054     | 16.74  | cps   |
| Iron       | 57-2  | 61       | 17       | 28       | 35       | 65.73  | cps   |
| Krypton    | 83-1  | 320      | 347      | 297      | 321      | 7.79   | cps   |
| Lead       | 206-1 | 317      | 233      | 306      | 285      | 15.87  | cps   |
| Lead       | 207-1 | 233      | 289      | 328      | 283      | 16.75  | cps   |
| Lead       | 208-1 | 1239     | 1172     | 1267     | 1226     | 3.96   | cps   |
| Lithium    | 6-1   | 1512866  | 1528367  | 1534065  | 1525100  | 0.72   | cps   |
| Magnesium  | 24-2  | 283      | 325      | 350      | 319      | 10.54  | cps   |

|                         |                     |                   |                     |
|-------------------------|---------------------|-------------------|---------------------|
| LB Number :             | LB97237             | Operator :        | Jaswal              |
| Lab Sample ID :         | J4379-01RE          | Instrumnet Name : | P8                  |
| Client Sample ID :      | FB-08072018RE       | Dilution Factor : | 1                   |
| Date & Time Acquired :: | 2018-08-10 19:55:17 | DataFile Name :   | 123SMPL_P8081018-MS |

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|------------|-------|----------|----------|----------|----------|--------|-------|
| Manganese  | 55-2  | 50       | 60       | 60       | 57       | 10.19  | cps   |
| Molybdenum | 94-1  | 300      | 292      | 300      | 297      | 1.62   | cps   |
| Molybdenum | 95-1  | 175      | 158      | 192      | 175      | 9.53   | cps   |
| Molybdenum | 96-1  | 200      | 208      | 308      | 239      | 25.24  | cps   |
| Molybdenum | 97-1  | 200      | 117      | 133      | 150      | 29.40  | cps   |
| Molybdenum | 98-1  | 258      | 125      | 242      | 208      | 34.87  | cps   |
| Neodymium  | 150-1 | 0        | 20       | 13       | 11       | 91.66  | cps   |
| Neodymium  | 150-2 | 0        | 0        | 0        | 0        | 0.00   | cps   |
| Nickel     | 60-2  | 77       | 83       | 57       | 72       | 19.21  | cps   |
| Phosphorus | 31-2  | 8        | 0        | 25       | 11       | 114.58 | cps   |
| Potassium  | 39-2  | 1533     | 1750     | 1825     | 1703     | 8.90   | cps   |
| Rhodium    | 103-1 | 9095836  | 9108123  | 9136457  | 9113472  | 0.23   | cps   |
| Rhodium    | 103-2 | 2291704  | 2270206  | 2251035  | 2270982  | 0.90   | cps   |
| Scandium   | 45-1  | 5061761  | 4993099  | 5027502  | 5027454  | 0.68   | cps   |
| Scandium   | 45-2  | 32508    | 32735    | 32237    | 32493    | 0.77   | cps   |
| Selenium   | 77-2  | 0        | 0        | 0        | 0        | 0.00   | cps   |
| Selenium   | 78-2  | 0        | 0        | 0        | 0        | 0.00   | cps   |
| Selenium   | 82-1  | 28       | 31       | 102      | 54       | 77.84  | cps   |
| Silicon    | 28-1  | 226423   | 226159   | 227187   | 226590   | 0.24   | cps   |
| Silver     | 109-1 | 233      | 267      | 292      | 264      | 11.09  | cps   |
| Silver     | 107-1 | 408      | 325      | 267      | 333      | 21.36  | cps   |
| Sodium     | 23-2  | 12764    | 12564    | 12573    | 12634    | 0.90   | cps   |
| Strontium  | 86-1  | 575      | 575      | 575      | 575      | 0.00   | cps   |
| Strontium  | 88-1  | 450      | 592      | 508      | 517      | 13.78  | cps   |
| Sulfur     | 34-1  | 287580   | 288233   | 291270   | 289027   | 0.68   | cps   |
| Terbium    | 159-1 | 13997980 | 14075262 | 14206115 | 14093119 | 0.75   | cps   |
| Terbium    | 159-2 | 2451573  | 2417345  | 2393946  | 2420955  | 1.20   | cps   |
| Thallium   | 203-1 | 167      | 217      | 117      | 167      | 30.00  | cps   |
| Thallium   | 205-1 | 350      | 325      | 358      | 344      | 5.04   | cps   |
| Tin        | 118-1 | 1875     | 1542     | 1592     | 1670     | 10.77  | cps   |
| Titanium   | 47-1  | 167      | 125      | 92       | 128      | 29.41  | cps   |
| Uranium    | 238-1 | 50       | 25       | 58       | 44       | 39.04  | cps   |
| Vanadium   | 51-2  | 3        | 7        | 7        | 6        | 34.70  | cps   |
| Yttrium    | 89-1  | 9746517  | 9712441  | 9750051  | 9736336  | 0.21   | cps   |
| Yttrium    | 89-2  | 246188   | 244861   | 242640   | 244563   | 0.73   | cps   |
| Zinc       | 66-2  | 937      | 1073     | 1073     | 1028     | 7.68   | cps   |

|                         |                     |                   |                     |
|-------------------------|---------------------|-------------------|---------------------|
| LB Number :             | LB97237             | Operator :        | Jaswal              |
| Lab Sample ID :         | J4379-01RE          | Instrumnet Name : | P8                  |
| Client Sample ID :      | FB-08072018RE       | Dilution Factor : | 1                   |
| Date & Time Acquired :: | 2018-08-10 19:55:17 | DataFile Name :   | 123SMPL_P8081018-MS |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|-----------|------|------|------|------|---------|--------|-------|
| Zirconium | 90-1 | 633  | 692  | 617  | 647     | 6.08   | cps   |
| Zirconium | 91-1 | 167  | 133  | 200  | 167     | 20.00  | cps   |

|                         |                     |                   |                     |
|-------------------------|---------------------|-------------------|---------------------|
| LB Number :             | LB97237             | Operator :        | Jaswal              |
| Lab Sample ID :         | J4379-07RE          | Instrumnet Name : | P8                  |
| Client Sample ID :      | FB-08082018RE       | Dilution Factor : | 1                   |
| Date & Time Acquired :: | 2018-08-10 19:58:38 | DataFile Name :   | 124SMPL_P8081018-MS |

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|------------|-------|----------|----------|----------|----------|--------|-------|
| Aluminium  | 27-2  | 10       | 13       | 5        | 9        | 41.66  | cps   |
| Antimony   | 121-1 | 475      | 450      | 467      | 464      | 2.74   | cps   |
| Arsenic    | 75-2  | 6        | 2        | 4        | 4        | 50.09  | cps   |
| Barium     | 135-1 | 42       | 67       | 75       | 61       | 28.38  | cps   |
| Barium     | 137-1 | 108      | 50       | 83       | 81       | 36.33  | cps   |
| Beryllium  | 9-1   | 150      | 111      | 206      | 156      | 30.51  | cps   |
| Bismuth    | 209-1 | 9502897  | 9465439  | 9377711  | 9448682  | 0.68   | cps   |
| Bismuth    | 209-2 | 2126695  | 2112262  | 2126707  | 2121888  | 0.39   | cps   |
| Boron      | 10-1  | 3059     | 3309     | 3100     | 3156     | 4.25   | cps   |
| Boron      | 11-1  | 14758    | 14158    | 13866    | 14260    | 3.19   | cps   |
| Cadmium    | 111-1 | 1297     | 1281     | 1541     | 1373     | 10.62  | cps   |
| Cadmium    | 106-1 | 1842     | 1800     | 2192     | 1945     | 11.06  | cps   |
| Cadmium    | 108-1 | 13       | 13       | 8        | 11       | 21.67  | cps   |
| Calcium    | 43-1  | 400      | 392      | 450      | 414      | 7.62   | cps   |
| Calcium    | 44-1  | 13240    | 13499    | 13299    | 13346    | 1.02   | cps   |
| Chromium   | 52-2  | 333      | 367      | 310      | 337      | 8.46   | cps   |
| Cobalt     | 59-2  | 20       | 23       | 17       | 20       | 16.65  | cps   |
| Copper     | 63-2  | 990      | 857      | 793      | 880      | 11.41  | cps   |
| Dysprosium | 156-1 | 25       | 0        | 25       | 17       | 86.60  | cps   |
| Dysprosium | 156-2 | 3        | 0        | 3        | 2        | 86.60  | cps   |
| Erbium     | 164-1 | 58       | 25       | 50       | 44       | 39.04  | cps   |
| Erbium     | 164-2 | 7        | 10       | 23       | 13       | 66.12  | cps   |
| Gadolinium | 160-1 | 67       | 75       | 50       | 64       | 19.92  | cps   |
| Gadolinium | 160-2 | 7        | 13       | 3        | 8        | 65.47  | cps   |
| Holmium    | 165-1 | 14135943 | 13992174 | 13880664 | 14002927 | 0.91   | cps   |
| Holmium    | 165-2 | 2554889  | 2556483  | 2579196  | 2563523  | 0.53   | cps   |
| Indium     | 115-1 | 10186896 | 10150746 | 10063441 | 10133695 | 0.63   | cps   |
| Indium     | 115-2 | 342898   | 343218   | 344087   | 343401   | 0.18   | cps   |
| Iron       | 56-2  | 950      | 983      | 933      | 956      | 2.66   | cps   |
| Iron       | 57-2  | 33       | 22       | 28       | 28       | 20.00  | cps   |
| Krypton    | 83-1  | 273      | 333      | 333      | 313      | 11.06  | cps   |
| Lead       | 206-1 | 261      | 261      | 233      | 252      | 6.37   | cps   |
| Lead       | 207-1 | 344      | 372      | 200      | 306      | 30.26  | cps   |
| Lead       | 208-1 | 1195     | 1295     | 1000     | 1163     | 12.87  | cps   |
| Lithium    | 6-1   | 1582220  | 1547013  | 1549132  | 1559455  | 1.27   | cps   |
| Magnesium  | 24-2  | 267      | 317      | 275      | 286      | 9.36   | cps   |

|                         |                     |                   |                     |
|-------------------------|---------------------|-------------------|---------------------|
| LB Number :             | LB97237             | Operator :        | Jaswal              |
| Lab Sample ID :         | J4379-07RE          | Instrumnet Name : | P8                  |
| Client Sample ID :      | FB-08082018RE       | Dilution Factor : | 1                   |
| Date & Time Acquired :: | 2018-08-10 19:58:38 | DataFile Name :   | 124SMPL_P8081018-MS |

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|------------|-------|----------|----------|----------|----------|--------|-------|
| Manganese  | 55-2  | 47       | 63       | 50       | 53       | 16.53  | cps   |
| Molybdenum | 94-1  | 400      | 408      | 350      | 386      | 8.17   | cps   |
| Molybdenum | 95-1  | 133      | 167      | 108      | 136      | 21.50  | cps   |
| Molybdenum | 96-1  | 225      | 292      | 333      | 283      | 19.29  | cps   |
| Molybdenum | 97-1  | 158      | 142      | 167      | 156      | 8.19   | cps   |
| Molybdenum | 98-1  | 183      | 283      | 283      | 250      | 23.10  | cps   |
| Neodymium  | 150-1 | 0        | 33       | 0        | 11       | 173.21 | cps   |
| Neodymium  | 150-2 | 0        | 0        | 0        | 0        | 0.00   | cps   |
| Nickel     | 60-2  | 103      | 77       | 137      | 106      | 28.48  | cps   |
| Phosphorus | 31-2  | 8        | 0        | 8        | 6        | 86.60  | cps   |
| Potassium  | 39-2  | 1692     | 1458     | 1809     | 1653     | 10.78  | cps   |
| Rhodium    | 103-1 | 9344295  | 9379512  | 9195220  | 9306342  | 1.05   | cps   |
| Rhodium    | 103-2 | 2252895  | 2248554  | 2256948  | 2252799  | 0.19   | cps   |
| Scandium   | 45-1  | 5155945  | 5235090  | 5114217  | 5168417  | 1.19   | cps   |
| Scandium   | 45-2  | 32615    | 32528    | 32391    | 32511    | 0.35   | cps   |
| Selenium   | 77-2  | 0        | 0        | 0        | 0        | 0.00   | cps   |
| Selenium   | 78-2  | 0        | 4        | 0        | 1        | 173.21 | cps   |
| Selenium   | 82-1  | 40       | -4       | -17      | 6        | 468.16 | cps   |
| Silicon    | 28-1  | 235250   | 230784   | 230519   | 232184   | 1.14   | cps   |
| Silver     | 109-1 | 267      | 283      | 400      | 317      | 22.94  | cps   |
| Silver     | 107-1 | 450      | 425      | 383      | 419      | 8.03   | cps   |
| Sodium     | 23-2  | 11630    | 10596    | 11563    | 11263    | 5.14   | cps   |
| Strontium  | 86-1  | 592      | 558      | 458      | 536      | 12.94  | cps   |
| Strontium  | 88-1  | 275      | 317      | 392      | 328      | 18.04  | cps   |
| Sulfur     | 34-1  | 304233   | 304148   | 303731   | 304037   | 0.09   | cps   |
| Terbium    | 159-1 | 14375764 | 14190998 | 14143136 | 14236633 | 0.86   | cps   |
| Terbium    | 159-2 | 2402050  | 2396130  | 2442895  | 2413692  | 1.05   | cps   |
| Thallium   | 203-1 | 125      | 150      | 208      | 161      | 26.54  | cps   |
| Thallium   | 205-1 | 358      | 417      | 392      | 389      | 7.53   | cps   |
| Tin        | 118-1 | 1492     | 1500     | 1893     | 1628     | 14.08  | cps   |
| Titanium   | 47-1  | 92       | 133      | 58       | 94       | 39.79  | cps   |
| Uranium    | 238-1 | 17       | 17       | 8        | 14       | 34.67  | cps   |
| Vanadium   | 51-2  | 7        | 3        | 7        | 6        | 34.70  | cps   |
| Yttrium    | 89-1  | 9985407  | 9937759  | 9852443  | 9925203  | 0.68   | cps   |
| Yttrium    | 89-2  | 244323   | 244075   | 248375   | 245591   | 0.98   | cps   |
| Zinc       | 66-2  | 1077     | 910      | 1063     | 1017     | 9.11   | cps   |

|                         |                     |                   |                     |
|-------------------------|---------------------|-------------------|---------------------|
| LB Number :             | LB97237             | Operator :        | Jaswal              |
| Lab Sample ID :         | J4379-07RE          | Instrumnet Name : | P8                  |
| Client Sample ID :      | FB-08082018RE       | Dilution Factor : | 1                   |
| Date & Time Acquired :: | 2018-08-10 19:58:38 | DataFile Name :   | 124SMPL_P8081018-MS |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|-----------|------|------|------|------|---------|--------|-------|
| Zirconium | 90-1 | 817  | 833  | 750  | 800     | 5.51   | cps   |
| Zirconium | 91-1 | 142  | 142  | 217  | 167     | 25.98  | cps   |



|                         |                     |                   |                     |
|-------------------------|---------------------|-------------------|---------------------|
| LB Number :             | LB97237             | Operator :        | Jaswal              |
| Lab Sample ID :         | J4379-03DLX5        | Instrumnet Name : | P8                  |
| Client Sample ID :      | MW-106SDL           | Dilution Factor : | 5                   |
| Date & Time Acquired :: | 2018-08-10 20:02:00 | DataFile Name :   | 125SMPL_P8081018-MS |

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|------------|-------|----------|----------|----------|----------|--------|-------|
| Aluminium  | 27-2  | 10       | 18       | 8        | 12       | 44.61  | cps   |
| Antimony   | 121-1 | 4218     | 3934     | 3667     | 3940     | 6.98   | cps   |
| Arsenic    | 75-2  | 15       | 6        | 6        | 9        | 61.79  | cps   |
| Barium     | 135-1 | 57426    | 58631    | 58313    | 58123    | 1.07   | cps   |
| Barium     | 137-1 | 102915   | 102227   | 103041   | 102728   | 0.43   | cps   |
| Beryllium  | 9-1   | 67       | 133      | 156      | 119      | 39.03  | cps   |
| Bismuth    | 209-1 | 9394445  | 9253760  | 9160222  | 9269476  | 1.27   | cps   |
| Bismuth    | 209-2 | 2158970  | 2198960  | 2165248  | 2174393  | 0.99   | cps   |
| Boron      | 10-1  | 14500    | 14967    | 14800    | 14755    | 1.60   | cps   |
| Boron      | 11-1  | 68463    | 69310    | 71621    | 69798    | 2.34   | cps   |
| Cadmium    | 111-1 | 1420     | 1354     | 1457     | 1410     | 3.68   | cps   |
| Cadmium    | 106-1 | 2034     | 1925     | 2042     | 2000     | 3.25   | cps   |
| Cadmium    | 108-1 | 29       | 8        | 8        | 15       | 78.76  | cps   |
| Calcium    | 43-1  | 595224   | 594224   | 599545   | 596331   | 0.47   | cps   |
| Calcium    | 44-1  | 9763303  | 9782850  | 9982040  | 9842731  | 1.23   | cps   |
| Chromium   | 52-2  | 380      | 377      | 360      | 372      | 2.88   | cps   |
| Cobalt     | 59-2  | 60       | 27       | 37       | 41       | 41.60  | cps   |
| Copper     | 63-2  | 1340     | 1403     | 1403     | 1382     | 2.65   | cps   |
| Dysprosium | 156-1 | 8        | 25       | 8        | 14       | 69.31  | cps   |
| Dysprosium | 156-2 | 10       | 7        | 3        | 7        | 50.03  | cps   |
| Erbium     | 164-1 | 67       | 42       | 33       | 47       | 36.74  | cps   |
| Erbium     | 164-2 | 7        | 17       | 10       | 11       | 45.82  | cps   |
| Gadolinium | 160-1 | 75       | 92       | 67       | 78       | 16.37  | cps   |
| Gadolinium | 160-2 | 3        | 23       | 10       | 12       | 83.33  | cps   |
| Holmium    | 165-1 | 13647987 | 13657310 | 13361915 | 13555737 | 1.24   | cps   |
| Holmium    | 165-2 | 2569528  | 2630245  | 2588503  | 2596092  | 1.20   | cps   |
| Indium     | 115-1 | 9581750  | 9608371  | 9394623  | 9528248  | 1.22   | cps   |
| Indium     | 115-2 | 337768   | 342161   | 334350   | 338093   | 1.16   | cps   |
| Iron       | 56-2  | 19581    | 20532    | 20265    | 20126    | 2.44   | cps   |
| Iron       | 57-2  | 533      | 561      | 550      | 548      | 2.55   | cps   |
| Krypton    | 83-1  | 367      | 287      | 293      | 316      | 14.07  | cps   |
| Lead       | 206-1 | 467      | 350      | 478      | 432      | 16.40  | cps   |
| Lead       | 207-1 | 517      | 456      | 439      | 470      | 8.71   | cps   |
| Lead       | 208-1 | 2022     | 1889     | 2017     | 1976     | 3.82   | cps   |
| Lithium    | 6-1   | 1508208  | 1500123  | 1486760  | 1498363  | 0.72   | cps   |
| Magnesium  | 24-2  | 195442   | 194544   | 194740   | 194909   | 0.24   | cps   |

|                         |                     |                   |                     |
|-------------------------|---------------------|-------------------|---------------------|
| LB Number :             | LB97237             | Operator :        | Jaswal              |
| Lab Sample ID :         | J4379-03DLX5        | Instrumnet Name : | P8                  |
| Client Sample ID :      | MW-106SDL           | Dilution Factor : | 5                   |
| Date & Time Acquired :: | 2018-08-10 20:02:00 | DataFile Name :   | 125SMPL_P8081018-MS |

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|------------|-------|----------|----------|----------|----------|--------|-------|
| Manganese  | 55-2  | 7702     | 7876     | 7849     | 7809     | 1.20   | cps   |
| Molybdenum | 94-1  | 875      | 817      | 900      | 864      | 4.95   | cps   |
| Molybdenum | 95-1  | 367      | 258      | 308      | 311      | 17.43  | cps   |
| Molybdenum | 96-1  | 500      | 400      | 500      | 467      | 12.37  | cps   |
| Molybdenum | 97-1  | 292      | 258      | 300      | 283      | 7.78   | cps   |
| Molybdenum | 98-1  | 400      | 425      | 533      | 453      | 15.65  | cps   |
| Neodymium  | 150-1 | 7        | 7        | 13       | 9        | 43.25  | cps   |
| Neodymium  | 150-2 | 0        | 0        | 0        | 0        | 0.00   | cps   |
| Nickel     | 60-2  | 147      | 120      | 140      | 136      | 10.24  | cps   |
| Phosphorus | 31-2  | 0        | 8        | 0        | 3        | 173.21 | cps   |
| Potassium  | 39-2  | 71742    | 71231    | 69698    | 70890    | 1.50   | cps   |
| Rhodium    | 103-1 | 8615746  | 8657384  | 8430921  | 8568017  | 1.41   | cps   |
| Rhodium    | 103-2 | 2217343  | 2224955  | 2221437  | 2221245  | 0.17   | cps   |
| Scandium   | 45-1  | 4859652  | 4833436  | 4748381  | 4813823  | 1.21   | cps   |
| Scandium   | 45-2  | 31288    | 32207    | 32124    | 31873    | 1.59   | cps   |
| Selenium   | 77-2  | 0        | 0        | 0        | 0        | 0.00   | cps   |
| Selenium   | 78-2  | 4        | 2        | 0        | 2        | 100.00 | cps   |
| Selenium   | 82-1  | -9       | 28       | 76       | 32       | 133.29 | cps   |
| Silicon    | 28-1  | 7443714  | 7408726  | 7554020  | 7468820  | 1.02   | cps   |
| Silver     | 109-1 | 692      | 517      | 592      | 600      | 14.63  | cps   |
| Silver     | 107-1 | 592      | 458      | 592      | 547      | 14.07  | cps   |
| Sodium     | 23-2  | 4503935  | 4474824  | 4433119  | 4470626  | 0.80   | cps   |
| Strontium  | 86-1  | 601161   | 611410   | 612757   | 608443   | 1.04   | cps   |
| Strontium  | 88-1  | 5290402  | 5324387  | 5402512  | 5339100  | 1.08   | cps   |
| Sulfur     | 34-1  | 392049   | 394032   | 395770   | 393951   | 0.47   | cps   |
| Terbium    | 159-1 | 13758821 | 13823146 | 13595042 | 13725670 | 0.86   | cps   |
| Terbium    | 159-2 | 2439023  | 2470710  | 2420962  | 2443565  | 1.03   | cps   |
| Thallium   | 203-1 | 158      | 233      | 183      | 192      | 19.93  | cps   |
| Thallium   | 205-1 | 383      | 483      | 350      | 406      | 17.11  | cps   |
| Tin        | 118-1 | 3076     | 3209     | 3117     | 3134     | 2.18   | cps   |
| Titanium   | 47-1  | 275      | 167      | 233      | 225      | 24.29  | cps   |
| Uranium    | 238-1 | 5760     | 5910     | 5860     | 5843     | 1.31   | cps   |
| Vanadium   | 51-2  | 153      | 187      | 187      | 176      | 10.96  | cps   |
| Yttrium    | 89-1  | 9452970  | 9408159  | 9136326  | 9332485  | 1.84   | cps   |
| Yttrium    | 89-2  | 243608   | 244453   | 242051   | 243371   | 0.50   | cps   |
| Zinc       | 66-2  | 443      | 480      | 417      | 447      | 7.12   | cps   |

|                         |                     |                   |                     |
|-------------------------|---------------------|-------------------|---------------------|
| LB Number :             | LB97237             | Operator :        | Jaswal              |
| Lab Sample ID :         | J4379-03DLX5        | Instrumnet Name : | P8                  |
| Client Sample ID :      | MW-106SDL           | Dilution Factor : | 5                   |
| Date & Time Acquired :: | 2018-08-10 20:02:00 | DataFile Name :   | 125SMPL_P8081018-MS |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|-----------|------|------|------|------|---------|--------|-------|
| Zirconium | 90-1 | 1709 | 1742 | 1867 | 1772    | 4.71   | cps   |
| Zirconium | 91-1 | 433  | 383  | 342  | 386     | 11.89  | cps   |

|                         |                     |                   |                      |
|-------------------------|---------------------|-------------------|----------------------|
| LB Number :             | LB97237             | Operator :        | Jaswal               |
| Lab Sample ID :         | CCV99               | Instrumnet Name : | P8                   |
| Client Sample ID :      | CCV99               | Dilution Factor : | 1                    |
| Date & Time Acquired :: | 2018-08-10 20:16:13 | DataFile Name :   | 127CCV_P8081018-MS.I |

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|------------|-------|----------|----------|----------|----------|--------|-------|
| Aluminium  | 27-2  | 272460   | 270542   | 269206   | 270736   | 0.60   | cps   |
| Antimony   | 121-1 | 4765095  | 4757653  | 4759645  | 4760798  | 0.08   | cps   |
| Arsenic    | 75-2  | 40589    | 41027    | 40669    | 40762    | 0.57   | cps   |
| Barium     | 135-1 | 5223427  | 5126810  | 5094535  | 5148257  | 1.30   | cps   |
| Barium     | 137-1 | 8905608  | 8934302  | 8925715  | 8921875  | 0.17   | cps   |
| Beryllium  | 9-1   | 550501   | 548421   | 551403   | 550108   | 0.28   | cps   |
| Bismuth    | 209-1 | 9001180  | 8878293  | 8907265  | 8928913  | 0.72   | cps   |
| Bismuth    | 209-2 | 2129820  | 2114816  | 2104372  | 2116336  | 0.60   | cps   |
| Boron      | 10-1  | 66270    | 68238    | 70172    | 68226    | 2.86   | cps   |
| Boron      | 11-1  | 310502   | 320471   | 327093   | 319355   | 2.62   | cps   |
| Cadmium    | 111-1 | 966089   | 961768   | 974720   | 967526   | 0.68   | cps   |
| Cadmium    | 106-1 | 104427   | 103924   | 106358   | 104903   | 1.23   | cps   |
| Cadmium    | 108-1 | 70320    | 69528    | 69541    | 69796    | 0.65   | cps   |
| Calcium    | 43-1  | 4731337  | 4697938  | 4703874  | 4711050  | 0.38   | cps   |
| Calcium    | 44-1  | 77004250 | 76908404 | 77227720 | 77046791 | 0.21   | cps   |
| Chromium   | 52-2  | 366548   | 366092   | 365192   | 365944   | 0.19   | cps   |
| Cobalt     | 59-2  | 771180   | 773095   | 778286   | 774187   | 0.47   | cps   |
| Copper     | 63-2  | 1291329  | 1302593  | 1305237  | 1299720  | 0.57   | cps   |
| Dysprosium | 156-1 | 67       | 117      | 92       | 92       | 27.27  | cps   |
| Dysprosium | 156-2 | 7        | 17       | 7        | 10       | 57.72  | cps   |
| Erbium     | 164-1 | 83       | 17       | 83       | 61       | 62.98  | cps   |
| Erbium     | 164-2 | 10       | 13       | 3        | 9        | 57.30  | cps   |
| Gadolinium | 160-1 | 150      | 67       | 92       | 103      | 41.61  | cps   |
| Gadolinium | 160-2 | 7        | 33       | 0        | 13       | 132.27 | cps   |
| Holmium    | 165-1 | 13976114 | 13992034 | 13957264 | 13975137 | 0.12   | cps   |
| Holmium    | 165-2 | 2690907  | 2691835  | 2633566  | 2672103  | 1.25   | cps   |
| Indium     | 115-1 | 9849559  | 9689173  | 9730549  | 9756427  | 0.85   | cps   |
| Indium     | 115-2 | 355384   | 354815   | 352444   | 354214   | 0.44   | cps   |
| Iron       | 56-2  | 59389005 | 59737933 | 60246372 | 59791104 | 0.72   | cps   |
| Iron       | 57-2  | 1523202  | 1523375  | 1524598  | 1523725  | 0.05   | cps   |
| Krypton    | 83-1  | 313      | 323      | 310      | 316      | 2.20   | cps   |
| Lead       | 206-1 | 3481342  | 3492687  | 3470434  | 3481488  | 0.32   | cps   |
| Lead       | 207-1 | 3172462  | 3163325  | 3161267  | 3165685  | 0.19   | cps   |
| Lead       | 208-1 | 14267894 | 14246780 | 14199343 | 14238006 | 0.25   | cps   |
| Lithium    | 6-1   | 1604804  | 1582577  | 1554569  | 1580650  | 1.59   | cps   |
| Magnesium  | 24-2  | 6366673  | 6394191  | 6429547  | 6396803  | 0.49   | cps   |

|                         |                     |                   |                      |
|-------------------------|---------------------|-------------------|----------------------|
| LB Number :             | LB97237             | Operator :        | Jaswal               |
| Lab Sample ID :         | CCV99               | Instrumnet Name : | P8                   |
| Client Sample ID :      | CCV99               | Dilution Factor : | 1                    |
| Date & Time Acquired :: | 2018-08-10 20:16:13 | DataFile Name :   | 127CCV_P8081018-MS.I |

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|------------|-------|----------|----------|----------|----------|--------|-------|
| Manganese  | 55-2  | 194808   | 196217   | 196946   | 195990   | 0.55   | cps   |
| Molybdenum | 94-1  | 7942140  | 7828530  | 7893327  | 7887999  | 0.72   | cps   |
| Molybdenum | 95-1  | 9697430  | 9587921  | 9692360  | 9659237  | 0.64   | cps   |
| Molybdenum | 96-1  | 10845008 | 10825099 | 10767546 | 10812551 | 0.37   | cps   |
| Molybdenum | 97-1  | 6127153  | 6133849  | 6124261  | 6128421  | 0.08   | cps   |
| Molybdenum | 98-1  | 15549383 | 15692355 | 15694619 | 15645452 | 0.53   | cps   |
| Neodymium  | 150-1 | 220      | 267      | 273      | 253      | 11.47  | cps   |
| Neodymium  | 150-2 | 10       | 3        | 13       | 9        | 57.30  | cps   |
| Nickel     | 60-2  | 227852   | 229123   | 228923   | 228632   | 0.30   | cps   |
| Phosphorus | 31-2  | 3050     | 3134     | 3184     | 3123     | 2.16   | cps   |
| Potassium  | 39-2  | 1590978  | 1595686  | 1589353  | 1592006  | 0.21   | cps   |
| Rhodium    | 103-1 | 8760302  | 8761432  | 8752710  | 8758148  | 0.05   | cps   |
| Rhodium    | 103-2 | 2254348  | 2244926  | 2245124  | 2248133  | 0.24   | cps   |
| Scandium   | 45-1  | 5445041  | 5436379  | 5271289  | 5384236  | 1.82   | cps   |
| Scandium   | 45-2  | 36598    | 36444    | 35712    | 36251    | 1.31   | cps   |
| Selenium   | 77-2  | 293      | 230      | 313      | 279      | 15.60  | cps   |
| Selenium   | 78-2  | 920      | 882      | 861      | 888      | 3.39   | cps   |
| Selenium   | 82-1  | 56317    | 56830    | 56558    | 56569    | 0.45   | cps   |
| Silicon    | 28-1  | 1979989  | 1975148  | 1981609  | 1978915  | 0.17   | cps   |
| Silver     | 109-1 | 4636565  | 4503135  | 4590870  | 4576857  | 1.48   | cps   |
| Silver     | 107-1 | 4870628  | 4783052  | 4821983  | 4825221  | 0.91   | cps   |
| Sodium     | 23-2  | 14458142 | 14440349 | 14469853 | 14456115 | 0.10   | cps   |
| Strontium  | 86-1  | 1183072  | 1184679  | 1185978  | 1184577  | 0.12   | cps   |
| Strontium  | 88-1  | 10376643 | 10333693 | 10333515 | 10347950 | 0.24   | cps   |
| Sulfur     | 34-1  | 600434   | 603069   | 604034   | 602512   | 0.31   | cps   |
| Terbium    | 159-1 | 14332445 | 14177496 | 14107184 | 14205709 | 0.81   | cps   |
| Terbium    | 159-2 | 2540452  | 2549315  | 2502839  | 2530869  | 0.97   | cps   |
| Thallium   | 203-1 | 4312417  | 4289929  | 4294956  | 4299101  | 0.27   | cps   |
| Thallium   | 205-1 | 10219778 | 10123165 | 10097230 | 10146724 | 0.64   | cps   |
| Tin        | 118-1 | 3345880  | 3316070  | 3327897  | 3329949  | 0.45   | cps   |
| Titanium   | 47-1  | 2395880  | 2386076  | 2397646  | 2393201  | 0.26   | cps   |
| Uranium    | 238-1 | 14532878 | 14320741 | 14270976 | 14374865 | 0.97   | cps   |
| Vanadium   | 51-2  | 264253   | 263252   | 264212   | 263906   | 0.21   | cps   |
| Yttrium    | 89-1  | 9961496  | 9990799  | 9945416  | 9965904  | 0.23   | cps   |
| Yttrium    | 89-2  | 267781   | 264588   | 264938   | 265769   | 0.66   | cps   |
| Zinc       | 66-2  | 110233   | 111957   | 111540   | 111244   | 0.81   | cps   |

|                         |                     |                   |                      |
|-------------------------|---------------------|-------------------|----------------------|
| LB Number :             | LB97237             | Operator :        | Jaswal               |
| Lab Sample ID :         | CCV99               | Instrumnet Name : | P8                   |
| Client Sample ID :      | CCV99               | Dilution Factor : | 1                    |
| Date & Time Acquired :: | 2018-08-10 20:16:13 | DataFile Name :   | 127CCV_P8081018-MS.I |

| Parameter | Mass | CPS1    | CPS2    | CPS3    | CPSMean | CPSRSD | Units |
|-----------|------|---------|---------|---------|---------|--------|-------|
| Zirconium | 90-1 | 6601797 | 6537947 | 6537365 | 6559036 | 0.56   | cps   |
| Zirconium | 91-1 | 1472270 | 1488553 | 1484232 | 1481685 | 0.57   | cps   |

|                         |                     |                   |                     |
|-------------------------|---------------------|-------------------|---------------------|
| LB Number :             | LB97237             | Operator :        | Jaswal              |
| Lab Sample ID :         | CCB99               | Instrumnet Name : | P8                  |
| Client Sample ID :      | CCB99               | Dilution Factor : | 1                   |
| Date & Time Acquired :: | 2018-08-10 20:25:08 | DataFile Name :   | 128CCBE_P8081018-M8 |

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|------------|-------|----------|----------|----------|----------|--------|-------|
| Aluminium  | 27-2  | 8        | 20       | 20       | 16       | 45.60  | cps   |
| Antimony   | 121-1 | 2709     | 2759     | 2975     | 2814     | 5.04   | cps   |
| Arsenic    | 75-2  | 4        | 2        | 6        | 4        | 50.09  | cps   |
| Barium     | 135-1 | 58       | 50       | 33       | 47       | 26.97  | cps   |
| Barium     | 137-1 | 100      | 50       | 117      | 89       | 39.03  | cps   |
| Beryllium  | 9-1   | 211      | 239      | 256      | 235      | 9.55   | cps   |
| Bismuth    | 209-1 | 9456151  | 9470380  | 9372027  | 9432853  | 0.56   | cps   |
| Bismuth    | 209-2 | 2231427  | 2230856  | 2188583  | 2216955  | 1.11   | cps   |
| Boron      | 10-1  | 2117     | 2159     | 2392     | 2222     | 6.67   | cps   |
| Boron      | 11-1  | 9654     | 10004    | 9604     | 9754     | 2.24   | cps   |
| Cadmium    | 111-1 | 1613     | 1622     | 1780     | 1672     | 5.61   | cps   |
| Cadmium    | 106-1 | 2225     | 2250     | 2492     | 2323     | 6.34   | cps   |
| Cadmium    | 108-1 | 17       | 4        | 21       | 14       | 62.43  | cps   |
| Calcium    | 43-1  | 342      | 417      | 492      | 417      | 18.00  | cps   |
| Calcium    | 44-1  | 12214    | 12148    | 12356    | 12239    | 0.87   | cps   |
| Chromium   | 52-2  | 300      | 297      | 333      | 310      | 6.54   | cps   |
| Cobalt     | 59-2  | 27       | 33       | 57       | 39       | 40.51  | cps   |
| Copper     | 63-2  | 587      | 570      | 543      | 567      | 3.86   | cps   |
| Dysprosium | 156-1 | 0        | 0        | 17       | 6        | 173.21 | cps   |
| Dysprosium | 156-2 | 0        | 0        | 7        | 2        | 173.21 | cps   |
| Erbium     | 164-1 | 17       | 50       | 67       | 44       | 57.28  | cps   |
| Erbium     | 164-2 | 10       | 0        | 3        | 4        | 114.60 | cps   |
| Gadolinium | 160-1 | 92       | 50       | 75       | 72       | 29.04  | cps   |
| Gadolinium | 160-2 | 7        | 17       | 0        | 8        | 107.84 | cps   |
| Holmium    | 165-1 | 14166650 | 13834458 | 13887864 | 13962991 | 1.28   | cps   |
| Holmium    | 165-2 | 2676454  | 2656670  | 2629141  | 2654089  | 0.90   | cps   |
| Indium     | 115-1 | 10166972 | 10259024 | 10059812 | 10161936 | 0.98   | cps   |
| Indium     | 115-2 | 365437   | 366564   | 363626   | 365209   | 0.41   | cps   |
| Iron       | 56-2  | 1289     | 1450     | 1456     | 1398     | 6.77   | cps   |
| Iron       | 57-2  | 33       | 22       | 39       | 31       | 26.96  | cps   |
| Krypton    | 83-1  | 310      | 300      | 363      | 324      | 10.49  | cps   |
| Lead       | 206-1 | 456      | 361      | 422      | 413      | 11.60  | cps   |
| Lead       | 207-1 | 500      | 333      | 422      | 419      | 19.93  | cps   |
| Lead       | 208-1 | 1850     | 1528     | 1800     | 1726     | 10.05  | cps   |
| Lithium    | 6-1   | 1650373  | 1672683  | 1653749  | 1658935  | 0.72   | cps   |
| Magnesium  | 24-2  | 283      | 283      | 375      | 314      | 16.86  | cps   |

|                         |                     |                   |                     |
|-------------------------|---------------------|-------------------|---------------------|
| LB Number :             | LB97237             | Operator :        | Jaswal              |
| Lab Sample ID :         | CCB99               | Instrumnet Name : | P8                  |
| Client Sample ID :      | CCB99               | Dilution Factor : | 1                   |
| Date & Time Acquired :: | 2018-08-10 20:25:08 | DataFile Name :   | 128CCBE_P8081018-M8 |

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|------------|-------|----------|----------|----------|----------|--------|-------|
| Manganese  | 55-2  | 40       | 40       | 57       | 46       | 21.13  | cps   |
| Molybdenum | 94-1  | 1308     | 1175     | 1475     | 1320     | 11.39  | cps   |
| Molybdenum | 95-1  | 933      | 808      | 958      | 900      | 8.93   | cps   |
| Molybdenum | 96-1  | 1133     | 1242     | 1167     | 1181     | 4.70   | cps   |
| Molybdenum | 97-1  | 783      | 683      | 792      | 753      | 8.01   | cps   |
| Molybdenum | 98-1  | 1650     | 1517     | 1634     | 1600     | 4.54   | cps   |
| Neodymium  | 150-1 | 13       | 7        | 13       | 11       | 34.61  | cps   |
| Neodymium  | 150-2 | 0        | 0        | 0        | 0        | 0.00   | cps   |
| Nickel     | 60-2  | 87       | 97       | 80       | 88       | 9.56   | cps   |
| Phosphorus | 31-2  | 0        | 0        | 8        | 3        | 173.21 | cps   |
| Potassium  | 39-2  | 1825     | 1767     | 1850     | 1814     | 2.36   | cps   |
| Rhodium    | 103-1 | 9379532  | 9438018  | 9288224  | 9368591  | 0.81   | cps   |
| Rhodium    | 103-2 | 2365736  | 2375681  | 2343489  | 2361635  | 0.70   | cps   |
| Scandium   | 45-1  | 5491121  | 5454711  | 5382017  | 5442616  | 1.02   | cps   |
| Scandium   | 45-2  | 35612    | 35405    | 35458    | 35492    | 0.30   | cps   |
| Selenium   | 77-2  | 0        | 0        | 0        | 0        | 0.00   | cps   |
| Selenium   | 78-2  | 0        | 2        | 2        | 1        | 86.60  | cps   |
| Selenium   | 82-1  | 18       | 15       | -10      | 8        | 204.15 | cps   |
| Silicon    | 28-1  | 249040   | 249700   | 251664   | 250135   | 0.55   | cps   |
| Silver     | 109-1 | 442      | 358      | 392      | 397      | 10.56  | cps   |
| Silver     | 107-1 | 400      | 450      | 533      | 461      | 14.61  | cps   |
| Sodium     | 23-2  | 9512     | 9212     | 9679     | 9468     | 2.50   | cps   |
| Strontium  | 86-1  | 533      | 517      | 533      | 528      | 1.82   | cps   |
| Strontium  | 88-1  | 292      | 308      | 233      | 278      | 14.18  | cps   |
| Sulfur     | 34-1  | 331169   | 335735   | 335925   | 334276   | 0.81   | cps   |
| Terbium    | 159-1 | 14359653 | 14151326 | 14039855 | 14183611 | 1.14   | cps   |
| Terbium    | 159-2 | 2480688  | 2519802  | 2505465  | 2501985  | 0.79   | cps   |
| Thallium   | 203-1 | 383      | 450      | 475      | 436      | 10.87  | cps   |
| Thallium   | 205-1 | 1167     | 1283     | 1292     | 1247     | 5.60   | cps   |
| Tin        | 118-1 | 2384     | 2434     | 2242     | 2353     | 4.23   | cps   |
| Titanium   | 47-1  | 92       | 92       | 100      | 94       | 5.10   | cps   |
| Uranium    | 238-1 | 58       | 117      | 108      | 94       | 33.40  | cps   |
| Vanadium   | 51-2  | 3        | 0        | 3        | 2        | 86.60  | cps   |
| Yttrium    | 89-1  | 10109600 | 10167539 | 9957323  | 10078154 | 1.08   | cps   |
| Yttrium    | 89-2  | 262707   | 265176   | 262288   | 263390   | 0.59   | cps   |
| Zinc       | 66-2  | 123      | 133      | 100      | 119      | 14.39  | cps   |



|                         |                     |                   |                     |
|-------------------------|---------------------|-------------------|---------------------|
| LB Number :             | LB97237             | Operator :        | Jaswal              |
| Lab Sample ID :         | CCB99               | Instrumnet Name : | P8                  |
| Client Sample ID :      | CCB99               | Dilution Factor : | 1                   |
| Date & Time Acquired :: | 2018-08-10 20:25:08 | DataFile Name :   | 128CCBE_P8081018-MS |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|-----------|------|------|------|------|---------|--------|-------|
| Zirconium | 90-1 | 2042 | 1825 | 1900 | 1922    | 5.72   | cps   |
| Zirconium | 91-1 | 383  | 525  | 417  | 442     | 16.77  | cps   |

|                         |                     |                   |                     |
|-------------------------|---------------------|-------------------|---------------------|
| LB Number :             | LB97237             | Operator :        | Jaswal              |
| Lab Sample ID :         | J4379-04DLX5        | Instrumnet Name : | P8                  |
| Client Sample ID :      | MW-106IDL           | Dilution Factor : | 5                   |
| Date & Time Acquired :: | 2018-08-10 20:28:30 | DataFile Name :   | 129SMPL_P8081018-MS |

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|------------|-------|----------|----------|----------|----------|--------|-------|
| Aluminium  | 27-2  | 53       | 63       | 63       | 59       | 9.77   | cps   |
| Antimony   | 121-1 | 4659     | 4259     | 4609     | 4509     | 4.83   | cps   |
| Arsenic    | 75-2  | 78       | 93       | 115      | 95       | 19.61  | cps   |
| Barium     | 135-1 | 20266    | 20191    | 20241    | 20233    | 0.19   | cps   |
| Barium     | 137-1 | 34162    | 35373    | 34997    | 34844    | 1.78   | cps   |
| Beryllium  | 9-1   | 222      | 222      | 217      | 220      | 1.45   | cps   |
| Bismuth    | 209-1 | 9143237  | 9295096  | 9264169  | 9234167  | 0.87   | cps   |
| Bismuth    | 209-2 | 2162837  | 2099084  | 2116203  | 2126041  | 1.55   | cps   |
| Boron      | 10-1  | 20282    | 21550    | 21617    | 21150    | 3.56   | cps   |
| Boron      | 11-1  | 96600    | 103966   | 101197   | 100588   | 3.70   | cps   |
| Cadmium    | 111-1 | 1504     | 1331     | 1476     | 1437     | 6.47   | cps   |
| Cadmium    | 106-1 | 2009     | 1809     | 1950     | 1922     | 5.35   | cps   |
| Cadmium    | 108-1 | 21       | 21       | 21       | 21       | 0.00   | cps   |
| Calcium    | 43-1  | 46729    | 46704    | 46303    | 46579    | 0.51   | cps   |
| Calcium    | 44-1  | 777646   | 775457   | 778625   | 777242   | 0.21   | cps   |
| Chromium   | 52-2  | 430      | 430      | 450      | 437      | 2.64   | cps   |
| Cobalt     | 59-2  | 103      | 83       | 117      | 101      | 16.59  | cps   |
| Copper     | 63-2  | 3544     | 3551     | 3704     | 3599     | 2.52   | cps   |
| Dysprosium | 156-1 | 58       | 100      | 75       | 78       | 26.96  | cps   |
| Dysprosium | 156-2 | 17       | 13       | 23       | 18       | 28.64  | cps   |
| Erbium     | 164-1 | 100      | 83       | 117      | 100      | 16.66  | cps   |
| Erbium     | 164-2 | 10       | 10       | 13       | 11       | 17.30  | cps   |
| Gadolinium | 160-1 | 158      | 158      | 75       | 131      | 36.85  | cps   |
| Gadolinium | 160-2 | 13       | 30       | 20       | 21       | 39.75  | cps   |
| Holmium    | 165-1 | 13595626 | 13941290 | 13764487 | 13767135 | 1.26   | cps   |
| Holmium    | 165-2 | 2592534  | 2505927  | 2568326  | 2555596  | 1.75   | cps   |
| Indium     | 115-1 | 9707597  | 9923841  | 9903542  | 9844993  | 1.21   | cps   |
| Indium     | 115-2 | 345471   | 335299   | 341730   | 340833   | 1.51   | cps   |
| Iron       | 56-2  | 57468    | 55533    | 56676    | 56559    | 1.72   | cps   |
| Iron       | 57-2  | 1500     | 1550     | 1261     | 1437     | 10.74  | cps   |
| Krypton    | 83-1  | 373      | 310      | 290      | 324      | 13.41  | cps   |
| Lead       | 206-1 | 9237     | 8831     | 8853     | 8974     | 2.54   | cps   |
| Lead       | 207-1 | 7764     | 7792     | 7536     | 7697     | 1.82   | cps   |
| Lead       | 208-1 | 36210    | 35827    | 35615    | 35884    | 0.84   | cps   |
| Lithium    | 6-1   | 1546784  | 1557013  | 1546018  | 1549938  | 0.40   | cps   |
| Magnesium  | 24-2  | 162822   | 163395   | 162139   | 162785   | 0.39   | cps   |

|                         |                     |                   |                     |
|-------------------------|---------------------|-------------------|---------------------|
| LB Number :             | LB97237             | Operator :        | Jaswal              |
| Lab Sample ID :         | J4379-04DLX5        | Instrumnet Name : | P8                  |
| Client Sample ID :      | MW-106IDL           | Dilution Factor : | 5                   |
| Date & Time Acquired :: | 2018-08-10 20:28:30 | DataFile Name :   | 129SMPL_P8081018-MS |

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|------------|-------|----------|----------|----------|----------|--------|-------|
| Manganese  | 55-2  | 1423     | 1403     | 1493     | 1440     | 3.28   | cps   |
| Molybdenum | 94-1  | 9570     | 9704     | 9679     | 9651     | 0.73   | cps   |
| Molybdenum | 95-1  | 11998    | 12189    | 11706    | 11964    | 2.04   | cps   |
| Molybdenum | 96-1  | 13491    | 13974    | 14066    | 13844    | 2.23   | cps   |
| Molybdenum | 97-1  | 7636     | 7619     | 7544     | 7600     | 0.64   | cps   |
| Molybdenum | 98-1  | 19623    | 19448    | 19982    | 19685    | 1.38   | cps   |
| Neodymium  | 150-1 | 80       | 120      | 173      | 124      | 37.63  | cps   |
| Neodymium  | 150-2 | 10       | 3        | 13       | 9        | 57.30  | cps   |
| Nickel     | 60-2  | 180      | 190      | 173      | 181      | 4.63   | cps   |
| Phosphorus | 31-2  | 25       | 50       | 25       | 33       | 43.30  | cps   |
| Potassium  | 39-2  | 91874    | 92284    | 89401    | 91186    | 1.71   | cps   |
| Rhodium    | 103-1 | 8885615  | 8976543  | 8904384  | 8922180  | 0.54   | cps   |
| Rhodium    | 103-2 | 2221945  | 2192040  | 2202859  | 2205615  | 0.69   | cps   |
| Scandium   | 45-1  | 5095225  | 5216250  | 5129315  | 5146930  | 1.21   | cps   |
| Scandium   | 45-2  | 32962    | 32110    | 32534    | 32536    | 1.31   | cps   |
| Selenium   | 77-2  | 7        | 0        | 0        | 2        | 173.21 | cps   |
| Selenium   | 78-2  | 2        | 4        | 2        | 2        | 43.30  | cps   |
| Selenium   | 82-1  | -13      | 76       | 115      | 60       | 110.15 | cps   |
| Silicon    | 28-1  | 2383034  | 2366076  | 2349911  | 2366341  | 0.70   | cps   |
| Silver     | 109-1 | 1717     | 1609     | 1575     | 1634     | 4.53   | cps   |
| Silver     | 107-1 | 1892     | 1817     | 1592     | 1767     | 8.84   | cps   |
| Sodium     | 23-2  | 7269148  | 7227703  | 7212142  | 7236331  | 0.41   | cps   |
| Strontium  | 86-1  | 165111   | 166664   | 165298   | 165691   | 0.51   | cps   |
| Strontium  | 88-1  | 1479539  | 1496781  | 1481279  | 1485866  | 0.64   | cps   |
| Sulfur     | 34-1  | 579606   | 578748   | 575154   | 577836   | 0.41   | cps   |
| Terbium    | 159-1 | 13717075 | 14100781 | 13923274 | 13913710 | 1.38   | cps   |
| Terbium    | 159-2 | 2418755  | 2367866  | 2411544  | 2399388  | 1.15   | cps   |
| Thallium   | 203-1 | 1258     | 1150     | 1100     | 1170     | 6.92   | cps   |
| Thallium   | 205-1 | 3434     | 2742     | 2742     | 2973     | 13.44  | cps   |
| Tin        | 118-1 | 3784     | 3792     | 4059     | 3879     | 4.03   | cps   |
| Titanium   | 47-1  | 467      | 467      | 968      | 634      | 45.64  | cps   |
| Uranium    | 238-1 | 3034     | 2917     | 3126     | 3026     | 3.45   | cps   |
| Vanadium   | 51-2  | 570      | 600      | 553      | 574      | 4.12   | cps   |
| Yttrium    | 89-1  | 9648898  | 9940459  | 9737205  | 9775521  | 1.53   | cps   |
| Yttrium    | 89-2  | 249543   | 243290   | 246953   | 246595   | 1.27   | cps   |
| Zinc       | 66-2  | 3187     | 3080     | 3204     | 3157     | 2.12   | cps   |

|                         |                     |                   |                     |
|-------------------------|---------------------|-------------------|---------------------|
| LB Number :             | LB97237             | Operator :        | Jaswal              |
| Lab Sample ID :         | J4379-04DLX5        | Instrumnet Name : | P8                  |
| Client Sample ID :      | MW-106IDL           | Dilution Factor : | 5                   |
| Date & Time Acquired :: | 2018-08-10 20:28:30 | DataFile Name :   | 129SMPL_P8081018-MS |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|-----------|------|------|------|------|---------|--------|-------|
| Zirconium | 90-1 | 7536 | 6677 | 6168 | 6794    | 10.17  | cps   |
| Zirconium | 91-1 | 1742 | 1700 | 1417 | 1620    | 10.92  | cps   |

|                         |                     |                   |                     |
|-------------------------|---------------------|-------------------|---------------------|
| LB Number :             | LB97237             | Operator :        | Jaswal              |
| Lab Sample ID :         | J4379-05DLX5        | Instrumnet Name : | P8                  |
| Client Sample ID :      | MW-107SDL           | Dilution Factor : | 5                   |
| Date & Time Acquired :: | 2018-08-10 20:31:50 | DataFile Name :   | 130SMPL_P8081018-MS |

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|------------|-------|----------|----------|----------|----------|--------|-------|
| Aluminium  | 27-2  | 23       | 15       | 15       | 18       | 24.77  | cps   |
| Antimony   | 121-1 | 3601     | 3501     | 3284     | 3462     | 4.68   | cps   |
| Arsenic    | 75-2  | 9        | 15       | 9        | 11       | 28.84  | cps   |
| Barium     | 135-1 | 58405    | 58555    | 59468    | 58809    | 0.98   | cps   |
| Barium     | 137-1 | 102235   | 103426   | 104040   | 103234   | 0.89   | cps   |
| Beryllium  | 9-1   | 228      | 128      | 172      | 176      | 28.48  | cps   |
| Bismuth    | 209-1 | 9437634  | 9460177  | 9363323  | 9420378  | 0.54   | cps   |
| Bismuth    | 209-2 | 2156794  | 2145561  | 2164985  | 2155780  | 0.45   | cps   |
| Boron      | 10-1  | 15192    | 15818    | 15717    | 15576    | 2.16   | cps   |
| Boron      | 11-1  | 71738    | 74460    | 75374    | 73857    | 2.56   | cps   |
| Cadmium    | 111-1 | 1619     | 1476     | 1542     | 1545     | 4.64   | cps   |
| Cadmium    | 106-1 | 2159     | 2042     | 2092     | 2097     | 2.79   | cps   |
| Cadmium    | 108-1 | 13       | 29       | 8        | 17       | 66.16  | cps   |
| Calcium    | 43-1  | 618962   | 624590   | 622462   | 622004   | 0.46   | cps   |
| Calcium    | 44-1  | 10169090 | 10229870 | 10290158 | 10229706 | 0.59   | cps   |
| Chromium   | 52-2  | 507      | 500      | 503      | 503      | 0.66   | cps   |
| Cobalt     | 59-2  | 80       | 53       | 80       | 71       | 21.65  | cps   |
| Copper     | 63-2  | 1180     | 1123     | 1200     | 1168     | 3.41   | cps   |
| Dysprosium | 156-1 | 42       | 17       | 50       | 36       | 48.03  | cps   |
| Dysprosium | 156-2 | 7        | 0        | 7        | 4        | 86.60  | cps   |
| Erbium     | 164-1 | 50       | 67       | 100      | 72       | 35.26  | cps   |
| Erbium     | 164-2 | 0        | 7        | 10       | 6        | 91.64  | cps   |
| Gadolinium | 160-1 | 75       | 50       | 42       | 56       | 31.22  | cps   |
| Gadolinium | 160-2 | 10       | 20       | 7        | 12       | 56.76  | cps   |
| Holmium    | 165-1 | 13873388 | 14060216 | 13926427 | 13953344 | 0.69   | cps   |
| Holmium    | 165-2 | 2585379  | 2581086  | 2553579  | 2573348  | 0.67   | cps   |
| Indium     | 115-1 | 9943341  | 10024964 | 9767150  | 9911818  | 1.33   | cps   |
| Indium     | 115-2 | 343964   | 341708   | 341124   | 342265   | 0.44   | cps   |
| Iron       | 56-2  | 20916    | 20304    | 21011    | 20744    | 1.85   | cps   |
| Iron       | 57-2  | 606      | 517      | 489      | 537      | 11.35  | cps   |
| Krypton    | 83-1  | 337      | 293      | 273      | 301      | 10.75  | cps   |
| Lead       | 206-1 | 750      | 795      | 772      | 772      | 2.88   | cps   |
| Lead       | 207-1 | 711      | 556      | 578      | 615      | 13.69  | cps   |
| Lead       | 208-1 | 2889     | 2856     | 2756     | 2834     | 2.45   | cps   |
| Lithium    | 6-1   | 1552393  | 1612219  | 1576655  | 1580422  | 1.90   | cps   |
| Magnesium  | 24-2  | 202330   | 201913   | 201612   | 201951   | 0.18   | cps   |

|                         |                     |                   |                     |
|-------------------------|---------------------|-------------------|---------------------|
| LB Number :             | LB97237             | Operator :        | Jaswal              |
| Lab Sample ID :         | J4379-05DLX5        | Instrumnet Name : | P8                  |
| Client Sample ID :      | MW-107SDL           | Dilution Factor : | 5                   |
| Date & Time Acquired :: | 2018-08-10 20:31:50 | DataFile Name :   | 130SMPL_P8081018-MS |

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|------------|-------|----------|----------|----------|----------|--------|-------|
| Manganese  | 55-2  | 8149     | 7856     | 7969     | 7991     | 1.85   | cps   |
| Molybdenum | 94-1  | 2309     | 1650     | 1859     | 1939     | 17.36  | cps   |
| Molybdenum | 95-1  | 1134     | 625      | 783      | 847      | 30.73  | cps   |
| Molybdenum | 96-1  | 1634     | 883      | 1200     | 1239     | 30.41  | cps   |
| Molybdenum | 97-1  | 909      | 442      | 533      | 628      | 39.42  | cps   |
| Molybdenum | 98-1  | 2763     | 1242     | 1192     | 1732     | 51.56  | cps   |
| Neodymium  | 150-1 | 40       | 60       | 27       | 42       | 39.73  | cps   |
| Neodymium  | 150-2 | 0        | 0        | 3        | 1        | 173.21 | cps   |
| Nickel     | 60-2  | 153      | 143      | 140      | 146      | 4.77   | cps   |
| Phosphorus | 31-2  | 17       | 8        | 25       | 17       | 50.01  | cps   |
| Potassium  | 39-2  | 74791    | 73426    | 73426    | 73881    | 1.07   | cps   |
| Rhodium    | 103-1 | 8970657  | 9084310  | 8817226  | 8957397  | 1.50   | cps   |
| Rhodium    | 103-2 | 2257161  | 2246254  | 2247906  | 2250441  | 0.26   | cps   |
| Scandium   | 45-1  | 5154886  | 5209967  | 4997307  | 5120720  | 2.16   | cps   |
| Scandium   | 45-2  | 32150    | 31976    | 32077    | 32068    | 0.27   | cps   |
| Selenium   | 77-2  | 0        | 0        | 3        | 1        | 173.21 | cps   |
| Selenium   | 78-2  | 0        | 4        | 4        | 2        | 86.60  | cps   |
| Selenium   | 82-1  | 25       | 61       | 72       | 53       | 46.75  | cps   |
| Silicon    | 28-1  | 7851214  | 7945288  | 7897817  | 7898107  | 0.60   | cps   |
| Silver     | 109-1 | 1033     | 900      | 967      | 967      | 6.90   | cps   |
| Silver     | 107-1 | 1275     | 1083     | 1108     | 1156     | 9.02   | cps   |
| Sodium     | 23-2  | 4632640  | 4584905  | 4600043  | 4605862  | 0.53   | cps   |
| Strontium  | 86-1  | 627611   | 629693   | 627823   | 628376   | 0.18   | cps   |
| Strontium  | 88-1  | 5483167  | 5552506  | 5489315  | 5508329  | 0.70   | cps   |
| Sulfur     | 34-1  | 411846   | 416307   | 413120   | 413758   | 0.56   | cps   |
| Terbium    | 159-1 | 14184189 | 14237919 | 14027208 | 14149772 | 0.77   | cps   |
| Terbium    | 159-2 | 2448947  | 2422859  | 2446213  | 2439340  | 0.59   | cps   |
| Thallium   | 203-1 | 575      | 667      | 550      | 597      | 10.29  | cps   |
| Thallium   | 205-1 | 1434     | 1092     | 1183     | 1236     | 14.31  | cps   |
| Tin        | 118-1 | 4026     | 3634     | 4109     | 3923     | 6.47   | cps   |
| Titanium   | 47-1  | 375      | 350      | 375      | 367      | 3.94   | cps   |
| Uranium    | 238-1 | 6077     | 6085     | 6285     | 6149     | 1.92   | cps   |
| Vanadium   | 51-2  | 137      | 127      | 130      | 131      | 3.88   | cps   |
| Yttrium    | 89-1  | 9833992  | 9892085  | 9699644  | 9808574  | 1.01   | cps   |
| Yttrium    | 89-2  | 245734   | 246474   | 245664   | 245957   | 0.18   | cps   |
| Zinc       | 66-2  | 427      | 397      | 393      | 406      | 4.53   | cps   |

|                         |                     |                   |                     |
|-------------------------|---------------------|-------------------|---------------------|
| LB Number :             | LB97237             | Operator :        | Jaswal              |
| Lab Sample ID :         | J4379-05DLX5        | Instrumnet Name : | P8                  |
| Client Sample ID :      | MW-107SDL           | Dilution Factor : | 5                   |
| Date & Time Acquired :: | 2018-08-10 20:31:50 | DataFile Name :   | 130SMPL_P8081018-MS |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|-----------|------|------|------|------|---------|--------|-------|
| Zirconium | 90-1 | 5415 | 3676 | 3592 | 4228    | 24.34  | cps   |
| Zirconium | 91-1 | 1108 | 767  | 783  | 886     | 21.74  | cps   |

|                         |                     |                   |                     |
|-------------------------|---------------------|-------------------|---------------------|
| LB Number :             | LB97237             | Operator :        | Jaswal              |
| Lab Sample ID :         | J4379-08DLX5        | Instrumnet Name : | P8                  |
| Client Sample ID :      | MW-106DDL           | Dilution Factor : | 5                   |
| Date & Time Acquired :: | 2018-08-10 20:35:10 | DataFile Name :   | 131SMPL_P8081018-MS |

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|------------|-------|----------|----------|----------|----------|--------|-------|
| Aluminium  | 27-2  | 305      | 395      | 313      | 338      | 14.80  | cps   |
| Antimony   | 121-1 | 2725     | 2900     | 2934     | 2853     | 3.92   | cps   |
| Arsenic    | 75-2  | 220      | 193      | 196      | 203      | 7.42   | cps   |
| Barium     | 135-1 | 23147    | 22420    | 22729    | 22765    | 1.60   | cps   |
| Barium     | 137-1 | 39577    | 38432    | 41566    | 39858    | 3.98   | cps   |
| Beryllium  | 9-1   | 200      | 144      | 206      | 183      | 18.43  | cps   |
| Bismuth    | 209-1 | 9687697  | 9767235  | 9262235  | 9572389  | 2.84   | cps   |
| Bismuth    | 209-2 | 1918121  | 2133646  | 2177614  | 2076460  | 6.69   | cps   |
| Boron      | 10-1  | 52915    | 55759    | 56830    | 55168    | 3.67   | cps   |
| Boron      | 11-1  | 252687   | 267075   | 273944   | 264569   | 4.10   | cps   |
| Cadmium    | 111-1 | 1318     | 1521     | 1426     | 1422     | 7.14   | cps   |
| Cadmium    | 106-1 | 1859     | 2150     | 2000     | 2003     | 7.28   | cps   |
| Cadmium    | 108-1 | 29       | 25       | 4        | 19       | 68.87  | cps   |
| Calcium    | 43-1  | 166549   | 169495   | 173095   | 169713   | 1.93   | cps   |
| Calcium    | 44-1  | 2751535  | 2841331  | 2865782  | 2819550  | 2.13   | cps   |
| Chromium   | 52-2  | 580      | 617      | 650      | 616      | 5.69   | cps   |
| Cobalt     | 59-2  | 377      | 333      | 253      | 321      | 19.49  | cps   |
| Copper     | 63-2  | 3771     | 3654     | 3991     | 3805     | 4.49   | cps   |
| Dysprosium | 156-1 | 233      | 192      | 217      | 214      | 9.81   | cps   |
| Dysprosium | 156-2 | 50       | 40       | 47       | 46       | 11.18  | cps   |
| Erbium     | 164-1 | 133      | 225      | 242      | 200      | 29.17  | cps   |
| Erbium     | 164-2 | 33       | 33       | 37       | 34       | 5.60   | cps   |
| Gadolinium | 160-1 | 208      | 300      | 267      | 258      | 17.96  | cps   |
| Gadolinium | 160-2 | 57       | 47       | 53       | 52       | 9.75   | cps   |
| Holmium    | 165-1 | 14787133 | 14892995 | 14043628 | 14574585 | 3.18   | cps   |
| Holmium    | 165-2 | 2374913  | 2651711  | 2733697  | 2586774  | 7.27   | cps   |
| Indium     | 115-1 | 10532932 | 10478334 | 10106808 | 10372691 | 2.24   | cps   |
| Indium     | 115-2 | 317508   | 353854   | 359721   | 343695   | 6.65   | cps   |
| Iron       | 56-2  | 473833   | 460879   | 462987   | 465899   | 1.49   | cps   |
| Iron       | 57-2  | 11494    | 11694    | 11372    | 11520    | 1.41   | cps   |
| Krypton    | 83-1  | 347      | 373      | 323      | 348      | 7.19   | cps   |
| Lead       | 206-1 | 8208     | 8247     | 8058     | 8171     | 1.22   | cps   |
| Lead       | 207-1 | 7047     | 6752     | 7008     | 6935     | 2.31   | cps   |
| Lead       | 208-1 | 31761    | 31416    | 32528    | 31902    | 1.79   | cps   |
| Lithium    | 6-1   | 1628236  | 1616456  | 1556235  | 1600309  | 2.41   | cps   |
| Magnesium  | 24-2  | 652749   | 628111   | 628507   | 636456   | 2.22   | cps   |



|                         |                     |                   |                     |
|-------------------------|---------------------|-------------------|---------------------|
| LB Number :             | LB97237             | Operator :        | Jaswal              |
| Lab Sample ID :         | J4379-08DLX5        | Instrumnet Name : | P8                  |
| Client Sample ID :      | MW-106DDL           | Dilution Factor : | 5                   |
| Date & Time Acquired :: | 2018-08-10 20:35:10 | DataFile Name :   | 131SMPL_P8081018-MS |

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|------------|-------|----------|----------|----------|----------|--------|-------|
| Manganese  | 55-2  | 74832    | 72658    | 71740    | 73077    | 2.17   | cps   |
| Molybdenum | 94-1  | 5426     | 5793     | 5752     | 5657     | 3.55   | cps   |
| Molybdenum | 95-1  | 7277     | 7319     | 7836     | 7477     | 4.16   | cps   |
| Molybdenum | 96-1  | 8019     | 8345     | 8703     | 8356     | 4.09   | cps   |
| Molybdenum | 97-1  | 4668     | 4976     | 5143     | 4929     | 4.89   | cps   |
| Molybdenum | 98-1  | 12448    | 12940    | 12014    | 12467    | 3.72   | cps   |
| Neodymium  | 150-1 | 280      | 240      | 313      | 278      | 13.22  | cps   |
| Neodymium  | 150-2 | 50       | 27       | 43       | 40       | 30.04  | cps   |
| Nickel     | 60-2  | 213      | 223      | 247      | 228      | 7.51   | cps   |
| Phosphorus | 31-2  | 42       | 42       | 33       | 39       | 12.38  | cps   |
| Potassium  | 39-2  | 196285   | 189163   | 191544   | 192330   | 1.89   | cps   |
| Rhodium    | 103-1 | 9491315  | 9495681  | 9152925  | 9379974  | 2.10   | cps   |
| Rhodium    | 103-2 | 2040372  | 2265768  | 2328481  | 2211540  | 6.85   | cps   |
| Scandium   | 45-1  | 5541104  | 5631265  | 5304972  | 5492447  | 3.07   | cps   |
| Scandium   | 45-2  | 30648    | 34623    | 36046    | 33772    | 8.29   | cps   |
| Selenium   | 77-2  | 0        | 0        | 0        | 0        | 0.00   | cps   |
| Selenium   | 78-2  | 4        | 0        | 2        | 2        | 100.00 | cps   |
| Selenium   | 82-1  | 211      | 183      | 269      | 221      | 19.77  | cps   |
| Silicon    | 28-1  | 4629277  | 4642716  | 4783719  | 4685238  | 1.83   | cps   |
| Silver     | 109-1 | 658      | 608      | 717      | 661      | 8.20   | cps   |
| Silver     | 107-1 | 817      | 875      | 1503     | 1065     | 35.72  | cps   |
| Sodium     | 23-2  | 22080139 | 21577982 | 21582587 | 21746903 | 1.33   | cps   |
| Strontium  | 86-1  | 403971   | 411426   | 420377   | 411925   | 1.99   | cps   |
| Strontium  | 88-1  | 3636437  | 3637200  | 3722893  | 3665510  | 1.36   | cps   |
| Sulfur     | 34-1  | 972736   | 982863   | 1005688  | 987096   | 1.71   | cps   |
| Terbium    | 159-1 | 15071805 | 15071998 | 14411234 | 14851679 | 2.57   | cps   |
| Terbium    | 159-2 | 2255765  | 2505670  | 2583274  | 2448236  | 6.99   | cps   |
| Thallium   | 203-1 | 258      | 342      | 300      | 300      | 13.89  | cps   |
| Thallium   | 205-1 | 608      | 625      | 508      | 581      | 10.87  | cps   |
| Tin        | 118-1 | 5160     | 5443     | 5526     | 5376     | 3.58   | cps   |
| Titanium   | 47-1  | 6735     | 2692     | 2909     | 4112     | 55.31  | cps   |
| Uranium    | 238-1 | 6244     | 6235     | 6527     | 6335     | 2.62   | cps   |
| Vanadium   | 51-2  | 107      | 110      | 127      | 114      | 9.36   | cps   |
| Yttrium    | 89-1  | 10511115 | 10612394 | 10021128 | 10381546 | 3.05   | cps   |
| Yttrium    | 89-2  | 230927   | 257343   | 264390   | 250887   | 7.03   | cps   |
| Zinc       | 66-2  | 4364     | 4131     | 4261     | 4252     | 2.75   | cps   |

|                         |                     |                   |                     |
|-------------------------|---------------------|-------------------|---------------------|
| LB Number :             | LB97237             | Operator :        | Jaswal              |
| Lab Sample ID :         | J4379-08DLX5        | Instrumnet Name : | P8                  |
| Client Sample ID :      | MW-106DDL           | Dilution Factor : | 5                   |
| Date & Time Acquired :: | 2018-08-10 20:35:10 | DataFile Name :   | 131SMPL_P8081018-MS |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|-----------|------|------|------|------|---------|--------|-------|
| Zirconium | 90-1 | 3459 | 3509 | 3451 | 3473    | 0.91   | cps   |
| Zirconium | 91-1 | 917  | 933  | 725  | 858     | 13.49  | cps   |

|                         |                     |                   |                     |
|-------------------------|---------------------|-------------------|---------------------|
| LB Number :             | LB97237             | Operator :        | Jaswal              |
| Lab Sample ID :         | J4379-09DLX5        | Instrumnet Name : | P8                  |
| Client Sample ID :      | MW-105SDL           | Dilution Factor : | 5                   |
| Date & Time Acquired :: | 2018-08-10 20:38:30 | DataFile Name :   | 132SMPL_P8081018-MS |

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|------------|-------|----------|----------|----------|----------|--------|-------|
| Aluminium  | 27-2  | 215      | 165      | 160      | 180      | 16.90  | cps   |
| Antimony   | 121-1 | 2842     | 2617     | 2809     | 2756     | 4.41   | cps   |
| Arsenic    | 75-2  | 15       | 17       | 15       | 15       | 6.96   | cps   |
| Barium     | 135-1 | 40940    | 41575    | 40806    | 41107    | 1.00   | cps   |
| Barium     | 137-1 | 73463    | 72004    | 71142    | 72203    | 1.62   | cps   |
| Beryllium  | 9-1   | 183      | 211      | 200      | 198      | 7.06   | cps   |
| Bismuth    | 209-1 | 9717229  | 9643227  | 9632533  | 9664330  | 0.48   | cps   |
| Bismuth    | 209-2 | 2184793  | 2220818  | 2186140  | 2197250  | 0.93   | cps   |
| Boron      | 10-1  | 18688    | 18170    | 17895    | 18251    | 2.21   | cps   |
| Boron      | 11-1  | 86301    | 86377    | 86419    | 86365    | 0.07   | cps   |
| Cadmium    | 111-1 | 1639     | 1524     | 1581     | 1581     | 3.64   | cps   |
| Cadmium    | 106-1 | 2267     | 2150     | 2225     | 2214     | 2.67   | cps   |
| Cadmium    | 108-1 | 21       | 21       | 8        | 17       | 43.31  | cps   |
| Calcium    | 43-1  | 373263   | 369675   | 369227   | 370722   | 0.60   | cps   |
| Calcium    | 44-1  | 6135511  | 6155881  | 6078709  | 6123367  | 0.65   | cps   |
| Chromium   | 52-2  | 343      | 497      | 427      | 422      | 18.18  | cps   |
| Cobalt     | 59-2  | 177      | 170      | 157      | 168      | 6.07   | cps   |
| Copper     | 63-2  | 5925     | 5995     | 5785     | 5901     | 1.81   | cps   |
| Dysprosium | 156-1 | 133      | 58       | 158      | 117      | 44.60  | cps   |
| Dysprosium | 156-2 | 40       | 20       | 27       | 29       | 35.25  | cps   |
| Erbium     | 164-1 | 167      | 217      | 108      | 164      | 33.08  | cps   |
| Erbium     | 164-2 | 17       | 33       | 13       | 21       | 50.75  | cps   |
| Gadolinium | 160-1 | 150      | 175      | 242      | 189      | 25.09  | cps   |
| Gadolinium | 160-2 | 43       | 30       | 23       | 32       | 31.61  | cps   |
| Holmium    | 165-1 | 14426541 | 14297646 | 14270636 | 14331608 | 0.58   | cps   |
| Holmium    | 165-2 | 2563749  | 2687149  | 2650837  | 2633912  | 2.41   | cps   |
| Indium     | 115-1 | 10321078 | 10159025 | 10197541 | 10225881 | 0.83   | cps   |
| Indium     | 115-2 | 346606   | 350008   | 350550   | 349055   | 0.61   | cps   |
| Iron       | 56-2  | 211513   | 213493   | 213143   | 212716   | 0.50   | cps   |
| Iron       | 57-2  | 5562     | 5196     | 5346     | 5368     | 3.44   | cps   |
| Krypton    | 83-1  | 340      | 290      | 330      | 320      | 8.27   | cps   |
| Lead       | 206-1 | 11411    | 11211    | 10766    | 11129    | 2.97   | cps   |
| Lead       | 207-1 | 8998     | 9365     | 9181     | 9181     | 2.00   | cps   |
| Lead       | 208-1 | 43135    | 42857    | 42351    | 42781    | 0.93   | cps   |
| Lithium    | 6-1   | 1636168  | 1604874  | 1632729  | 1624590  | 1.06   | cps   |
| Magnesium  | 24-2  | 219781   | 220120   | 220645   | 220182   | 0.20   | cps   |

|                         |                     |                   |                     |
|-------------------------|---------------------|-------------------|---------------------|
| LB Number :             | LB97237             | Operator :        | Jaswal              |
| Lab Sample ID :         | J4379-09DLX5        | Instrumnet Name : | P8                  |
| Client Sample ID :      | MW-105SDL           | Dilution Factor : | 5                   |
| Date & Time Acquired :: | 2018-08-10 20:38:30 | DataFile Name :   | 132SMPL_P8081018-MS |

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|------------|-------|----------|----------|----------|----------|--------|-------|
| Manganese  | 55-2  | 9477     | 9510     | 9680     | 9556     | 1.14   | cps   |
| Molybdenum | 94-1  | 1892     | 1634     | 1850     | 1792     | 7.74   | cps   |
| Molybdenum | 95-1  | 692      | 692      | 767      | 717      | 6.04   | cps   |
| Molybdenum | 96-1  | 1125     | 1117     | 1000     | 1081     | 6.47   | cps   |
| Molybdenum | 97-1  | 667      | 575      | 342      | 528      | 31.75  | cps   |
| Molybdenum | 98-1  | 1300     | 1133     | 1150     | 1195     | 7.69   | cps   |
| Neodymium  | 150-1 | 147      | 147      | 167      | 153      | 7.53   | cps   |
| Neodymium  | 150-2 | 7        | 30       | 30       | 22       | 60.61  | cps   |
| Nickel     | 60-2  | 247      | 237      | 210      | 231      | 8.20   | cps   |
| Phosphorus | 31-2  | 42       | 42       | 50       | 44       | 10.82  | cps   |
| Potassium  | 39-2  | 78511    | 78912    | 79072    | 78832    | 0.37   | cps   |
| Rhodium    | 103-1 | 9319752  | 9253777  | 9281669  | 9285066  | 0.36   | cps   |
| Rhodium    | 103-2 | 2270663  | 2306764  | 2311480  | 2296302  | 0.97   | cps   |
| Scandium   | 45-1  | 5305480  | 5254548  | 5307707  | 5289245  | 0.57   | cps   |
| Scandium   | 45-2  | 32818    | 33353    | 33340    | 33170    | 0.92   | cps   |
| Selenium   | 77-2  | 3        | 0        | 0        | 1        | 173.21 | cps   |
| Selenium   | 78-2  | 0        | 0        | 7        | 2        | 173.21 | cps   |
| Selenium   | 82-1  | 38       | 46       | 32       | 38       | 18.36  | cps   |
| Silicon    | 28-1  | 6012038  | 5939004  | 5965530  | 5972191  | 0.62   | cps   |
| Silver     | 109-1 | 542      | 450      | 417      | 469      | 13.79  | cps   |
| Silver     | 107-1 | 692      | 542      | 417      | 550      | 25.04  | cps   |
| Sodium     | 23-2  | 3902378  | 3969270  | 3969493  | 3947047  | 0.98   | cps   |
| Strontium  | 86-1  | 436401   | 435725   | 433640   | 435255   | 0.33   | cps   |
| Strontium  | 88-1  | 3873412  | 3845942  | 3875445  | 3864933  | 0.43   | cps   |
| Sulfur     | 34-1  | 451043   | 449731   | 450695   | 450490   | 0.15   | cps   |
| Terbium    | 159-1 | 14710443 | 14502778 | 14621080 | 14611434 | 0.71   | cps   |
| Terbium    | 159-2 | 2511740  | 2512698  | 2520039  | 2514826  | 0.18   | cps   |
| Thallium   | 203-1 | 233      | 192      | 258      | 228      | 14.79  | cps   |
| Thallium   | 205-1 | 558      | 475      | 558      | 531      | 9.07   | cps   |
| Tin        | 118-1 | 4751     | 4476     | 4418     | 4548     | 3.91   | cps   |
| Titanium   | 47-1  | 1075     | 1083     | 1100     | 1086     | 1.17   | cps   |
| Uranium    | 238-1 | 3476     | 3492     | 3709     | 3559     | 3.66   | cps   |
| Vanadium   | 51-2  | 273      | 263      | 250      | 262      | 4.46   | cps   |
| Yttrium    | 89-1  | 10080878 | 10025437 | 9985688  | 10030667 | 0.48   | cps   |
| Yttrium    | 89-2  | 250264   | 253000   | 252162   | 251809   | 0.56   | cps   |
| Zinc       | 66-2  | 2277     | 2367     | 2244     | 2296     | 2.78   | cps   |

|                         |                     |                   |                     |
|-------------------------|---------------------|-------------------|---------------------|
| LB Number :             | LB97237             | Operator :        | Jaswal              |
| Lab Sample ID :         | J4379-09DLX5        | Instrumnet Name : | P8                  |
| Client Sample ID :      | MW-105SDL           | Dilution Factor : | 5                   |
| Date & Time Acquired :: | 2018-08-10 20:38:30 | DataFile Name :   | 132SMPL_P8081018-MS |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|-----------|------|------|------|------|---------|--------|-------|
| Zirconium | 90-1 | 3817 | 3984 | 3626 | 3809    | 4.71   | cps   |
| Zirconium | 91-1 | 692  | 775  | 858  | 775     | 10.75  | cps   |

|                         |                     |                   |                     |
|-------------------------|---------------------|-------------------|---------------------|
| LB Number :             | LB97237             | Operator :        | Jaswal              |
| Lab Sample ID :         | J4379-10DLX5        | Instrumnet Name : | P8                  |
| Client Sample ID :      | MW-105IDL           | Dilution Factor : | 5                   |
| Date & Time Acquired :: | 2018-08-10 20:41:50 | DataFile Name :   | 133SMPL_P8081018-MS |

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|------------|-------|----------|----------|----------|----------|--------|-------|
| Aluminium  | 27-2  | 95       | 105      | 80       | 93       | 13.48  | cps   |
| Antimony   | 121-1 | 2842     | 2792     | 2800     | 2812     | 0.95   | cps   |
| Arsenic    | 75-2  | 193      | 150      | 176      | 173      | 12.42  | cps   |
| Barium     | 135-1 | 32207    | 32908    | 32616    | 32577    | 1.08   | cps   |
| Barium     | 137-1 | 57418    | 56630    | 56990    | 57013    | 0.69   | cps   |
| Beryllium  | 9-1   | 139      | 167      | 111      | 139      | 20.00  | cps   |
| Bismuth    | 209-1 | 9472084  | 9842495  | 9644577  | 9653052  | 1.92   | cps   |
| Bismuth    | 209-2 | 2194682  | 2224425  | 2229992  | 2216366  | 0.86   | cps   |
| Boron      | 10-1  | 12289    | 12072    | 13190    | 12517    | 4.73   | cps   |
| Boron      | 11-1  | 59399    | 61423    | 60696    | 60506    | 1.69   | cps   |
| Cadmium    | 111-1 | 1390     | 1491     | 1500     | 1460     | 4.18   | cps   |
| Cadmium    | 106-1 | 1984     | 2075     | 2075     | 2045     | 2.59   | cps   |
| Cadmium    | 108-1 | 33       | 4        | 4        | 14       | 121.21 | cps   |
| Calcium    | 43-1  | 56397    | 55795    | 55703    | 55965    | 0.67   | cps   |
| Calcium    | 44-1  | 913823   | 923662   | 915915   | 917800   | 0.56   | cps   |
| Chromium   | 52-2  | 473      | 463      | 390      | 442      | 10.29  | cps   |
| Cobalt     | 59-2  | 87       | 93       | 87       | 89       | 4.33   | cps   |
| Copper     | 63-2  | 4031     | 4044     | 4074     | 4050     | 0.55   | cps   |
| Dysprosium | 156-1 | 92       | 83       | 83       | 86       | 5.59   | cps   |
| Dysprosium | 156-2 | 20       | 20       | 20       | 20       | 0.00   | cps   |
| Erbium     | 164-1 | 133      | 183      | 100      | 139      | 30.20  | cps   |
| Erbium     | 164-2 | 30       | 33       | 20       | 28       | 24.98  | cps   |
| Gadolinium | 160-1 | 150      | 117      | 183      | 150      | 22.22  | cps   |
| Gadolinium | 160-2 | 27       | 30       | 30       | 29       | 6.65   | cps   |
| Holmium    | 165-1 | 13700207 | 14138055 | 14066284 | 13968182 | 1.68   | cps   |
| Holmium    | 165-2 | 2594544  | 2621560  | 2674510  | 2630205  | 1.55   | cps   |
| Indium     | 115-1 | 9864885  | 10209677 | 10126178 | 10066913 | 1.79   | cps   |
| Indium     | 115-2 | 345387   | 346029   | 349154   | 346857   | 0.58   | cps   |
| Iron       | 56-2  | 218586   | 217982   | 216127   | 217565   | 0.59   | cps   |
| Iron       | 57-2  | 5468     | 5768     | 5396     | 5544     | 3.56   | cps   |
| Krypton    | 83-1  | 283      | 317      | 253      | 284      | 11.14  | cps   |
| Lead       | 206-1 | 9626     | 9320     | 9337     | 9428     | 1.82   | cps   |
| Lead       | 207-1 | 7675     | 8175     | 8286     | 8045     | 4.05   | cps   |
| Lead       | 208-1 | 36872    | 37339    | 37055    | 37089    | 0.63   | cps   |
| Lithium    | 6-1   | 1586246  | 1643998  | 1616558  | 1615601  | 1.79   | cps   |
| Magnesium  | 24-2  | 85448    | 85306    | 83930    | 84895    | 0.99   | cps   |

|                         |                     |                   |                     |
|-------------------------|---------------------|-------------------|---------------------|
| LB Number :             | LB97237             | Operator :        | Jaswal              |
| Lab Sample ID :         | J4379-10DLX5        | Instrumnet Name : | P8                  |
| Client Sample ID :      | MW-105IDL           | Dilution Factor : | 5                   |
| Date & Time Acquired :: | 2018-08-10 20:41:50 | DataFile Name :   | 133SMPL_P8081018-MS |

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|------------|-------|----------|----------|----------|----------|--------|-------|
| Manganese  | 55-2  | 1130     | 1057     | 1170     | 1119     | 5.14   | cps   |
| Molybdenum | 94-1  | 5843     | 6027     | 5418     | 5763     | 5.42   | cps   |
| Molybdenum | 95-1  | 9045     | 8436     | 9445     | 8976     | 5.66   | cps   |
| Molybdenum | 96-1  | 9512     | 9279     | 9671     | 9487     | 2.08   | cps   |
| Molybdenum | 97-1  | 5660     | 5376     | 5801     | 5613     | 3.86   | cps   |
| Molybdenum | 98-1  | 13632    | 13933    | 14367    | 13977    | 2.64   | cps   |
| Neodymium  | 150-1 | 120      | 120      | 180      | 140      | 24.74  | cps   |
| Neodymium  | 150-2 | 17       | 17       | 7        | 13       | 43.29  | cps   |
| Nickel     | 60-2  | 193      | 227      | 190      | 203      | 9.97   | cps   |
| Phosphorus | 31-2  | 50       | 42       | 17       | 36       | 48.03  | cps   |
| Potassium  | 39-2  | 68425    | 69313    | 68593    | 68777    | 0.69   | cps   |
| Rhodium    | 103-1 | 8954302  | 9256192  | 9180128  | 9130207  | 1.72   | cps   |
| Rhodium    | 103-2 | 2298510  | 2273942  | 2298533  | 2290328  | 0.62   | cps   |
| Scandium   | 45-1  | 4962176  | 5152278  | 5045775  | 5053410  | 1.89   | cps   |
| Scandium   | 45-2  | 32210    | 32184    | 32865    | 32420    | 1.19   | cps   |
| Selenium   | 77-2  | 0        | 3        | 0        | 1        | 173.21 | cps   |
| Selenium   | 78-2  | 0        | 4        | 2        | 2        | 100.00 | cps   |
| Selenium   | 82-1  | 35       | 59       | 76       | 57       | 36.38  | cps   |
| Silicon    | 28-1  | 2502068  | 2559405  | 2472599  | 2511357  | 1.76   | cps   |
| Silver     | 109-1 | 308      | 317      | 350      | 325      | 6.78   | cps   |
| Silver     | 107-1 | 542      | 500      | 508      | 517      | 4.27   | cps   |
| Sodium     | 23-2  | 1841764  | 1818409  | 1837952  | 1832708  | 0.68   | cps   |
| Strontium  | 86-1  | 136830   | 138732   | 138513   | 138025   | 0.75   | cps   |
| Strontium  | 88-1  | 1199995  | 1206640  | 1218173  | 1208269  | 0.76   | cps   |
| Sulfur     | 34-1  | 370897   | 366335   | 370597   | 369276   | 0.69   | cps   |
| Terbium    | 159-1 | 14032222 | 14320023 | 14320750 | 14224332 | 1.17   | cps   |
| Terbium    | 159-2 | 2469311  | 2467212  | 2516821  | 2484448  | 1.13   | cps   |
| Thallium   | 203-1 | 217      | 175      | 208      | 200      | 11.02  | cps   |
| Thallium   | 205-1 | 558      | 583      | 408      | 517      | 18.32  | cps   |
| Tin        | 118-1 | 4134     | 4101     | 4268     | 4168     | 2.12   | cps   |
| Titanium   | 47-1  | 733      | 775      | 642      | 717      | 9.52   | cps   |
| Uranium    | 238-1 | 3867     | 3709     | 3717     | 3765     | 2.37   | cps   |
| Vanadium   | 51-2  | 397      | 390      | 320      | 369      | 11.51  | cps   |
| Yttrium    | 89-1  | 9521442  | 9995969  | 9898571  | 9805327  | 2.56   | cps   |
| Yttrium    | 89-2  | 245608   | 246488   | 251860   | 247986   | 1.36   | cps   |
| Zinc       | 66-2  | 3677     | 3674     | 3787     | 3713     | 1.74   | cps   |

|                         |                     |                   |                     |
|-------------------------|---------------------|-------------------|---------------------|
| LB Number :             | LB97237             | Operator :        | Jaswal              |
| Lab Sample ID :         | J4379-10DLX5        | Instrumnet Name : | P8                  |
| Client Sample ID :      | MW-105IDL           | Dilution Factor : | 5                   |
| Date & Time Acquired :: | 2018-08-10 20:41:50 | DataFile Name :   | 133SMPL_P8081018-MS |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|-----------|------|------|------|------|---------|--------|-------|
| Zirconium | 90-1 | 2092 | 2417 | 2225 | 2245    | 7.28   | cps   |
| Zirconium | 91-1 | 458  | 425  | 450  | 444     | 3.90   | cps   |



|                         |                     |                   |                     |
|-------------------------|---------------------|-------------------|---------------------|
| LB Number :             | LB97237             | Operator :        | Jaswal              |
| Lab Sample ID :         | J4379-11DLX5        | Instrumnet Name : | P8                  |
| Client Sample ID :      | MW-105DDL           | Dilution Factor : | 5                   |
| Date & Time Acquired :: | 2018-08-10 20:45:10 | DataFile Name :   | 134SMPL_P8081018-MS |

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|------------|-------|----------|----------|----------|----------|--------|-------|
| Aluminium  | 27-2  | 38       | 20       | 23       | 27       | 35.48  | cps   |
| Antimony   | 121-1 | 5777     | 5702     | 5718     | 5732     | 0.69   | cps   |
| Arsenic    | 75-2  | 9        | 17       | 20       | 15       | 36.66  | cps   |
| Barium     | 135-1 | 4001     | 3901     | 4167     | 4023     | 3.35   | cps   |
| Barium     | 137-1 | 7136     | 7252     | 7586     | 7325     | 3.19   | cps   |
| Beryllium  | 9-1   | 139      | 183      | 100      | 141      | 29.63  | cps   |
| Bismuth    | 209-1 | 9825819  | 9318909  | 9785765  | 9643498  | 2.92   | cps   |
| Bismuth    | 209-2 | 2249422  | 2224819  | 2244640  | 2239627  | 0.58   | cps   |
| Boron      | 10-1  | 4026     | 3792     | 3301     | 3706     | 9.99   | cps   |
| Boron      | 11-1  | 17929    | 17386    | 16785    | 17367    | 3.29   | cps   |
| Cadmium    | 111-1 | 1609     | 1224     | 1478     | 1437     | 13.61  | cps   |
| Cadmium    | 106-1 | 2267     | 1717     | 2100     | 2028     | 13.91  | cps   |
| Cadmium    | 108-1 | 17       | 4        | 13       | 11       | 57.27  | cps   |
| Calcium    | 43-1  | 15192    | 15267    | 15125    | 15195    | 0.47   | cps   |
| Calcium    | 44-1  | 254962   | 256817   | 260340   | 257373   | 1.06   | cps   |
| Chromium   | 52-2  | 513      | 547      | 560      | 540      | 4.45   | cps   |
| Cobalt     | 59-2  | 103      | 110      | 67       | 93       | 25.00  | cps   |
| Copper     | 63-2  | 3114     | 3110     | 3460     | 3228     | 6.23   | cps   |
| Dysprosium | 156-1 | 8        | 33       | 8        | 17       | 86.62  | cps   |
| Dysprosium | 156-2 | 3        | 7        | 3        | 4        | 43.40  | cps   |
| Erbium     | 164-1 | 100      | 58       | 17       | 58       | 71.43  | cps   |
| Erbium     | 164-2 | 10       | 17       | 7        | 11       | 45.82  | cps   |
| Gadolinium | 160-1 | 83       | 75       | 17       | 58       | 62.27  | cps   |
| Gadolinium | 160-2 | 7        | 3        | 3        | 4        | 43.40  | cps   |
| Holmium    | 165-1 | 14220809 | 13479741 | 14117458 | 13939336 | 2.88   | cps   |
| Holmium    | 165-2 | 2617562  | 2606594  | 2606856  | 2610337  | 0.24   | cps   |
| Indium     | 115-1 | 10218281 | 9710085  | 9998786  | 9975717  | 2.56   | cps   |
| Indium     | 115-2 | 350872   | 349457   | 348694   | 349675   | 0.32   | cps   |
| Iron       | 56-2  | 22524    | 22875    | 21656    | 22352    | 2.81   | cps   |
| Iron       | 57-2  | 528      | 539      | 633      | 567      | 10.23  | cps   |
| Krypton    | 83-1  | 303      | 280      | 320      | 301      | 6.67   | cps   |
| Lead       | 206-1 | 3073     | 3395     | 3145     | 3204     | 5.28   | cps   |
| Lead       | 207-1 | 2839     | 2534     | 2411     | 2595     | 8.49   | cps   |
| Lead       | 208-1 | 12230    | 12597    | 12197    | 12342    | 1.80   | cps   |
| Lithium    | 6-1   | 1675606  | 1571065  | 1620087  | 1622253  | 3.22   | cps   |
| Magnesium  | 24-2  | 12706    | 13440    | 12206    | 12784    | 4.86   | cps   |

|                         |                     |                   |                     |
|-------------------------|---------------------|-------------------|---------------------|
| LB Number :             | LB97237             | Operator :        | Jaswal              |
| Lab Sample ID :         | J4379-11DLX5        | Instrumnet Name : | P8                  |
| Client Sample ID :      | MW-105DDL           | Dilution Factor : | 5                   |
| Date & Time Acquired :: | 2018-08-10 20:45:10 | DataFile Name :   | 134SMPL_P8081018-MS |

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|------------|-------|----------|----------|----------|----------|--------|-------|
| Manganese  | 55-2  | 250      | 313      | 287      | 283      | 11.22  | cps   |
| Molybdenum | 94-1  | 917      | 967      | 950      | 945      | 2.70   | cps   |
| Molybdenum | 95-1  | 717      | 533      | 600      | 617      | 15.05  | cps   |
| Molybdenum | 96-1  | 758      | 792      | 800      | 783      | 2.82   | cps   |
| Molybdenum | 97-1  | 550      | 342      | 525      | 472      | 24.09  | cps   |
| Molybdenum | 98-1  | 942      | 1100     | 1092     | 1045     | 8.53   | cps   |
| Neodymium  | 150-1 | 7        | 13       | 33       | 18       | 78.05  | cps   |
| Neodymium  | 150-2 | 0        | 3        | 0        | 1        | 173.21 | cps   |
| Nickel     | 60-2  | 267      | 270      | 193      | 243      | 17.81  | cps   |
| Phosphorus | 31-2  | 0        | 0        | 8        | 3        | 173.21 | cps   |
| Potassium  | 39-2  | 217836   | 217438   | 216294   | 217189   | 0.37   | cps   |
| Rhodium    | 103-1 | 9245990  | 8756994  | 9145579  | 9049521  | 2.85   | cps   |
| Rhodium    | 103-2 | 2323371  | 2290762  | 2347832  | 2320655  | 1.23   | cps   |
| Scandium   | 45-1  | 5110051  | 4841294  | 5047189  | 4999511  | 2.81   | cps   |
| Scandium   | 45-2  | 32047    | 32207    | 32578    | 32277    | 0.84   | cps   |
| Selenium   | 77-2  | 0        | 0        | 3        | 1        | 173.21 | cps   |
| Selenium   | 78-2  | 2        | 0        | 2        | 1        | 86.60  | cps   |
| Selenium   | 82-1  | 15       | 29       | -11      | 11       | 188.11 | cps   |
| Silicon    | 28-1  | 1354828  | 1365111  | 1353250  | 1357730  | 0.47   | cps   |
| Silver     | 109-1 | 442      | 292      | 433      | 389      | 21.68  | cps   |
| Silver     | 107-1 | 400      | 392      | 417      | 403      | 3.16   | cps   |
| Sodium     | 23-2  | 439321   | 435358   | 433132   | 435937   | 0.72   | cps   |
| Strontium  | 86-1  | 137907   | 137183   | 139707   | 138266   | 0.94   | cps   |
| Strontium  | 88-1  | 1207936  | 1199488  | 1201286  | 1202903  | 0.37   | cps   |
| Sulfur     | 34-1  | 328456   | 323526   | 321251   | 324411   | 1.14   | cps   |
| Terbium    | 159-1 | 14515457 | 13649286 | 14313181 | 14159308 | 3.20   | cps   |
| Terbium    | 159-2 | 2493733  | 2489697  | 2486403  | 2489944  | 0.15   | cps   |
| Thallium   | 203-1 | 217      | 242      | 142      | 200      | 26.02  | cps   |
| Thallium   | 205-1 | 375      | 442      | 358      | 392      | 11.26  | cps   |
| Tin        | 118-1 | 3784     | 3617     | 3692     | 3698     | 2.26   | cps   |
| Titanium   | 47-1  | 267      | 333      | 275      | 292      | 12.46  | cps   |
| Uranium    | 238-1 | 2742     | 2534     | 2750     | 2675     | 4.59   | cps   |
| Vanadium   | 51-2  | 310      | 213      | 327      | 283      | 21.60  | cps   |
| Yttrium    | 89-1  | 9854912  | 9358178  | 9802510  | 9671867  | 2.82   | cps   |
| Yttrium    | 89-2  | 249757   | 246418   | 250017   | 248731   | 0.81   | cps   |
| Zinc       | 66-2  | 1513     | 1460     | 1413     | 1462     | 3.42   | cps   |

|                         |                     |                   |                     |
|-------------------------|---------------------|-------------------|---------------------|
| LB Number :             | LB97237             | Operator :        | Jaswal              |
| Lab Sample ID :         | J4379-11DLX5        | Instrumnet Name : | P8                  |
| Client Sample ID :      | MW-105DDL           | Dilution Factor : | 5                   |
| Date & Time Acquired :: | 2018-08-10 20:45:10 | DataFile Name :   | 134SMPL_P8081018-MS |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|-----------|------|------|------|------|---------|--------|-------|
| Zirconium | 90-1 | 1383 | 1208 | 1158 | 1250    | 9.45   | cps   |
| Zirconium | 91-1 | 292  | 342  | 275  | 303     | 11.46  | cps   |

|                         |                     |                   |                     |
|-------------------------|---------------------|-------------------|---------------------|
| LB Number :             | LB97237             | Operator :        | Jaswal              |
| Lab Sample ID :         | J4379-12DLX5        | Instrumnet Name : | P8                  |
| Client Sample ID :      | MW-103SDL           | Dilution Factor : | 5                   |
| Date & Time Acquired :: | 2018-08-10 20:48:31 | DataFile Name :   | 135SMPL_P8081018-MS |

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|------------|-------|----------|----------|----------|----------|--------|-------|
| Aluminium  | 27-2  | 248      | 188      | 220      | 218      | 13.76  | cps   |
| Antimony   | 121-1 | 2359     | 2125     | 2117     | 2200     | 6.24   | cps   |
| Arsenic    | 75-2  | 24       | 30       | 22       | 25       | 15.24  | cps   |
| Barium     | 135-1 | 95100    | 96744    | 94922    | 95588    | 1.05   | cps   |
| Barium     | 137-1 | 167180   | 168030   | 167320   | 167510   | 0.27   | cps   |
| Beryllium  | 9-1   | 144      | 156      | 172      | 157      | 8.88   | cps   |
| Bismuth    | 209-1 | 9240630  | 9158575  | 9279621  | 9226275  | 0.67   | cps   |
| Bismuth    | 209-2 | 2132933  | 2138085  | 2129125  | 2133381  | 0.21   | cps   |
| Boron      | 10-1  | 31068    | 33365    | 32454    | 32296    | 3.58   | cps   |
| Boron      | 11-1  | 151627   | 156849   | 161921   | 156799   | 3.28   | cps   |
| Cadmium    | 111-1 | 1584     | 1547     | 1513     | 1548     | 2.32   | cps   |
| Cadmium    | 106-1 | 2242     | 2159     | 2142     | 2181     | 2.46   | cps   |
| Cadmium    | 108-1 | 8        | 8        | 17       | 11       | 43.34  | cps   |
| Calcium    | 43-1  | 348893   | 355300   | 356535   | 353576   | 1.16   | cps   |
| Calcium    | 44-1  | 5809771  | 5873309  | 5883337  | 5855473  | 0.68   | cps   |
| Chromium   | 52-2  | 507      | 480      | 487      | 491      | 2.82   | cps   |
| Cobalt     | 59-2  | 153      | 107      | 117      | 126      | 19.57  | cps   |
| Copper     | 63-2  | 1410     | 1303     | 1400     | 1371     | 4.30   | cps   |
| Dysprosium | 156-1 | 92       | 142      | 58       | 97       | 43.14  | cps   |
| Dysprosium | 156-2 | 23       | 17       | 7        | 16       | 53.90  | cps   |
| Erbium     | 164-1 | 108      | 108      | 150      | 122      | 19.68  | cps   |
| Erbium     | 164-2 | 33       | 13       | 13       | 20       | 57.74  | cps   |
| Gadolinium | 160-1 | 92       | 83       | 117      | 97       | 17.84  | cps   |
| Gadolinium | 160-2 | 13       | 47       | 27       | 29       | 58.08  | cps   |
| Holmium    | 165-1 | 14174281 | 13942584 | 13929963 | 14015609 | 0.98   | cps   |
| Holmium    | 165-2 | 2618818  | 2651449  | 2622543  | 2630937  | 0.68   | cps   |
| Indium     | 115-1 | 9927858  | 9857145  | 9886521  | 9890508  | 0.36   | cps   |
| Indium     | 115-2 | 348678   | 345228   | 344575   | 346160   | 0.64   | cps   |
| Iron       | 56-2  | 94535    | 94586    | 98013    | 95711    | 2.08   | cps   |
| Iron       | 57-2  | 2434     | 2456     | 2328     | 2406     | 2.84   | cps   |
| Krypton    | 83-1  | 300      | 333      | 333      | 322      | 5.97   | cps   |
| Lead       | 206-1 | 5501     | 5446     | 4918     | 5288     | 6.09   | cps   |
| Lead       | 207-1 | 4190     | 4518     | 4379     | 4362     | 3.77   | cps   |
| Lead       | 208-1 | 20402    | 21169    | 19506    | 20359    | 4.09   | cps   |
| Lithium    | 6-1   | 1551946  | 1511513  | 1564473  | 1542644  | 1.79   | cps   |
| Magnesium  | 24-2  | 724791   | 718216   | 720632   | 721213   | 0.46   | cps   |

|                         |                     |                   |                     |
|-------------------------|---------------------|-------------------|---------------------|
| LB Number :             | LB97237             | Operator :        | Jaswal              |
| Lab Sample ID :         | J4379-12DLX5        | Instrumnet Name : | P8                  |
| Client Sample ID :      | MW-103SDL           | Dilution Factor : | 5                   |
| Date & Time Acquired :: | 2018-08-10 20:48:31 | DataFile Name :   | 135SMPL_P8081018-MS |

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|------------|-------|----------|----------|----------|----------|--------|-------|
| Manganese  | 55-2  | 7099     | 6985     | 6855     | 6980     | 1.75   | cps   |
| Molybdenum | 94-1  | 1667     | 1725     | 1809     | 1734     | 4.11   | cps   |
| Molybdenum | 95-1  | 633      | 775      | 758      | 722      | 10.72  | cps   |
| Molybdenum | 96-1  | 1000     | 1000     | 975      | 992      | 1.46   | cps   |
| Molybdenum | 97-1  | 700      | 358      | 467      | 508      | 34.35  | cps   |
| Molybdenum | 98-1  | 1158     | 1075     | 900      | 1045     | 12.62  | cps   |
| Neodymium  | 150-1 | 127      | 133      | 93       | 118      | 18.19  | cps   |
| Neodymium  | 150-2 | 7        | 7        | 7        | 7        | 0.00   | cps   |
| Nickel     | 60-2  | 193      | 187      | 187      | 189      | 2.04   | cps   |
| Phosphorus | 31-2  | 58       | 50       | 50       | 53       | 9.12   | cps   |
| Potassium  | 39-2  | 204787   | 203203   | 206190   | 204726   | 0.73   | cps   |
| Rhodium    | 103-1 | 8978115  | 8923492  | 8946638  | 8949415  | 0.31   | cps   |
| Rhodium    | 103-2 | 2255990  | 2230264  | 2226614  | 2237623  | 0.72   | cps   |
| Scandium   | 45-1  | 5296014  | 5207969  | 5252999  | 5252327  | 0.84   | cps   |
| Scandium   | 45-2  | 34045    | 34533    | 33573    | 34050    | 1.41   | cps   |
| Selenium   | 77-2  | 0        | 0        | 0        | 0        | 0.00   | cps   |
| Selenium   | 78-2  | 0        | 6        | 0        | 2        | 173.21 | cps   |
| Selenium   | 82-1  | 236      | 204      | 236      | 225      | 8.23   | cps   |
| Silicon    | 28-1  | 5276940  | 5311026  | 5350747  | 5312904  | 0.70   | cps   |
| Silver     | 109-1 | 225      | 417      | 367      | 336      | 29.58  | cps   |
| Silver     | 107-1 | 500      | 417      | 292      | 403      | 26.03  | cps   |
| Sodium     | 23-2  | 19670563 | 19639509 | 19704963 | 19671678 | 0.17   | cps   |
| Strontium  | 86-1  | 999613   | 1008613  | 1017159  | 1008462  | 0.87   | cps   |
| Strontium  | 88-1  | 8824090  | 8818437  | 8913818  | 8852115  | 0.60   | cps   |
| Sulfur     | 34-1  | 326484   | 328771   | 329411   | 328222   | 0.47   | cps   |
| Terbium    | 159-1 | 14390944 | 14153624 | 14254832 | 14266467 | 0.83   | cps   |
| Terbium    | 159-2 | 2480286  | 2461820  | 2490644  | 2477583  | 0.59   | cps   |
| Thallium   | 203-1 | 200      | 142      | 225      | 189      | 22.64  | cps   |
| Thallium   | 205-1 | 317      | 250      | 425      | 331      | 26.72  | cps   |
| Tin        | 118-1 | 18146    | 19023    | 18705    | 18625    | 2.38   | cps   |
| Titanium   | 47-1  | 1659     | 1977     | 1575     | 1737     | 12.21  | cps   |
| Uranium    | 238-1 | 200      | 167      | 167      | 178      | 10.83  | cps   |
| Vanadium   | 51-2  | 347      | 323      | 363      | 344      | 5.83   | cps   |
| Yttrium    | 89-1  | 9943315  | 9814727  | 10052600 | 9936881  | 1.20   | cps   |
| Yttrium    | 89-2  | 256080   | 254121   | 252672   | 254291   | 0.67   | cps   |
| Zinc       | 66-2  | 457      | 487      | 477      | 473      | 3.23   | cps   |

|                         |                     |                   |                     |
|-------------------------|---------------------|-------------------|---------------------|
| LB Number :             | LB97237             | Operator :        | Jaswal              |
| Lab Sample ID :         | J4379-12DLX5        | Instrumnet Name : | P8                  |
| Client Sample ID :      | MW-103SDL           | Dilution Factor : | 5                   |
| Date & Time Acquired :: | 2018-08-10 20:48:31 | DataFile Name :   | 135SMPL_P8081018-MS |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|-----------|------|------|------|------|---------|--------|-------|
| Zirconium | 90-1 | 3868 | 3501 | 3492 | 3620    | 5.92   | cps   |
| Zirconium | 91-1 | 642  | 742  | 742  | 708     | 8.15   | cps   |

|                         |                     |                   |                     |
|-------------------------|---------------------|-------------------|---------------------|
| LB Number :             | LB97237             | Operator :        | Jaswal              |
| Lab Sample ID :         | J4379-12DUPDLX5     | Instrumnet Name : | P8                  |
| Client Sample ID :      | MW-103SDUPDL        | Dilution Factor : | 5                   |
| Date & Time Acquired :: | 2018-08-10 20:51:51 | DataFile Name :   | 136SMPL_P8081018-MS |

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|------------|-------|----------|----------|----------|----------|--------|-------|
| Aluminium  | 27-2  | 148      | 188      | 183      | 173      | 12.63  | cps   |
| Antimony   | 121-1 | 1900     | 2317     | 2242     | 2153     | 10.32  | cps   |
| Arsenic    | 75-2  | 35       | 22       | 35       | 31       | 24.26  | cps   |
| Barium     | 135-1 | 95199    | 96308    | 97660    | 96389    | 1.28   | cps   |
| Barium     | 137-1 | 166756   | 166661   | 172133   | 168517   | 1.86   | cps   |
| Beryllium  | 9-1   | 189      | 189      | 111      | 163      | 27.56  | cps   |
| Bismuth    | 209-1 | 9293049  | 9330530  | 9028860  | 9217480  | 1.78   | cps   |
| Bismuth    | 209-2 | 2236456  | 2183329  | 2221399  | 2213728  | 1.24   | cps   |
| Boron      | 10-1  | 33223    | 33657    | 34977    | 33952    | 2.69   | cps   |
| Boron      | 11-1  | 158094   | 161726   | 169093   | 162971   | 3.44   | cps   |
| Cadmium    | 111-1 | 1598     | 1555     | 1303     | 1485     | 10.72  | cps   |
| Cadmium    | 106-1 | 2275     | 2200     | 1867     | 2114     | 10.28  | cps   |
| Cadmium    | 108-1 | 17       | 8        | 29       | 18       | 58.09  | cps   |
| Calcium    | 43-1  | 358651   | 357552   | 367194   | 361133   | 1.46   | cps   |
| Calcium    | 44-1  | 5865911  | 5867099  | 6029680  | 5920896  | 1.59   | cps   |
| Chromium   | 52-2  | 480      | 510      | 463      | 484      | 4.88   | cps   |
| Cobalt     | 59-2  | 143      | 130      | 157      | 143      | 9.30   | cps   |
| Copper     | 63-2  | 1323     | 1300     | 1343     | 1322     | 1.64   | cps   |
| Dysprosium | 156-1 | 75       | 92       | 117      | 94       | 22.21  | cps   |
| Dysprosium | 156-2 | 13       | 20       | 23       | 19       | 26.96  | cps   |
| Erbium     | 164-1 | 125      | 108      | 108      | 114      | 8.45   | cps   |
| Erbium     | 164-2 | 33       | 17       | 17       | 22       | 43.28  | cps   |
| Gadolinium | 160-1 | 100      | 150      | 125      | 125      | 20.00  | cps   |
| Gadolinium | 160-2 | 37       | 23       | 23       | 28       | 27.73  | cps   |
| Holmium    | 165-1 | 14243486 | 14385077 | 13887163 | 14171909 | 1.81   | cps   |
| Holmium    | 165-2 | 2754966  | 2725405  | 2755611  | 2745328  | 0.63   | cps   |
| Indium     | 115-1 | 10104621 | 10135799 | 9837277  | 10025899 | 1.64   | cps   |
| Indium     | 115-2 | 364503   | 364412   | 365541   | 364819   | 0.17   | cps   |
| Iron       | 56-2  | 99755    | 98585    | 98396    | 98912    | 0.74   | cps   |
| Iron       | 57-2  | 2411     | 2623     | 2789     | 2608     | 7.26   | cps   |
| Krypton    | 83-1  | 390      | 447      | 353      | 397      | 11.85  | cps   |
| Lead       | 206-1 | 5279     | 5418     | 5185     | 5294     | 2.22   | cps   |
| Lead       | 207-1 | 4401     | 4668     | 4618     | 4562     | 3.11   | cps   |
| Lead       | 208-1 | 20746    | 21191    | 21280    | 21072    | 1.36   | cps   |
| Lithium    | 6-1   | 1578665  | 1600273  | 1530722  | 1569887  | 2.27   | cps   |
| Magnesium  | 24-2  | 757717   | 749659   | 749009   | 752128   | 0.64   | cps   |

|                         |                     |                   |                     |
|-------------------------|---------------------|-------------------|---------------------|
| LB Number :             | LB97237             | Operator :        | Jaswal              |
| Lab Sample ID :         | J4379-12DUPDLX5     | Instrumnet Name : | P8                  |
| Client Sample ID :      | MW-103SDUPDL        | Dilution Factor : | 5                   |
| Date & Time Acquired :: | 2018-08-10 20:51:51 | DataFile Name :   | 136SMPL_P8081018-MS |

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|------------|-------|----------|----------|----------|----------|--------|-------|
| Manganese  | 55-2  | 7302     | 7235     | 7392     | 7310     | 1.08   | cps   |
| Molybdenum | 94-1  | 1684     | 1559     | 1642     | 1628     | 3.91   | cps   |
| Molybdenum | 95-1  | 825      | 683      | 883      | 797      | 12.90  | cps   |
| Molybdenum | 96-1  | 783      | 1067     | 1050     | 967      | 16.45  | cps   |
| Molybdenum | 97-1  | 492      | 517      | 508      | 506      | 2.52   | cps   |
| Molybdenum | 98-1  | 1017     | 1150     | 1125     | 1097     | 6.46   | cps   |
| Neodymium  | 150-1 | 120      | 187      | 80       | 129      | 41.81  | cps   |
| Neodymium  | 150-2 | 10       | 13       | 7        | 10       | 33.30  | cps   |
| Nickel     | 60-2  | 180      | 240      | 183      | 201      | 16.77  | cps   |
| Phosphorus | 31-2  | 67       | 67       | 33       | 56       | 34.65  | cps   |
| Potassium  | 39-2  | 217226   | 214662   | 214806   | 215564   | 0.67   | cps   |
| Rhodium    | 103-1 | 9057732  | 9196730  | 8910157  | 9054873  | 1.58   | cps   |
| Rhodium    | 103-2 | 2366384  | 2325641  | 2337332  | 2343119  | 0.90   | cps   |
| Scandium   | 45-1  | 5329587  | 5432932  | 5281052  | 5347857  | 1.45   | cps   |
| Scandium   | 45-2  | 36337    | 35525    | 37022    | 36295    | 2.07   | cps   |
| Selenium   | 77-2  | 3        | 0        | 0        | 1        | 173.21 | cps   |
| Selenium   | 78-2  | 0        | 4        | 0        | 1        | 173.21 | cps   |
| Selenium   | 82-1  | 220      | 114      | 192      | 175      | 31.38  | cps   |
| Silicon    | 28-1  | 5354096  | 5361602  | 5500428  | 5405376  | 1.52   | cps   |
| Silver     | 109-1 | 333      | 383      | 342      | 353      | 7.59   | cps   |
| Silver     | 107-1 | 433      | 492      | 400      | 442      | 10.50  | cps   |
| Sodium     | 23-2  | 20764978 | 20571598 | 20447196 | 20594591 | 0.78   | cps   |
| Strontium  | 86-1  | 1015103  | 1020136  | 1043190  | 1026143  | 1.46   | cps   |
| Strontium  | 88-1  | 8905627  | 8872950  | 9112295  | 8963624  | 1.45   | cps   |
| Sulfur     | 34-1  | 336928   | 341367   | 338654   | 338983   | 0.66   | cps   |
| Terbium    | 159-1 | 14497176 | 14515789 | 14095146 | 14369370 | 1.65   | cps   |
| Terbium    | 159-2 | 2618061  | 2567613  | 2593241  | 2592972  | 0.97   | cps   |
| Thallium   | 203-1 | 167      | 67       | 75       | 103      | 53.99  | cps   |
| Thallium   | 205-1 | 275      | 267      | 317      | 286      | 9.36   | cps   |
| Tin        | 118-1 | 22014    | 19682    | 20466    | 20721    | 5.73   | cps   |
| Titanium   | 47-1  | 1726     | 1425     | 1425     | 1525     | 11.38  | cps   |
| Uranium    | 238-1 | 175      | 167      | 233      | 192      | 18.95  | cps   |
| Vanadium   | 51-2  | 427      | 333      | 403      | 388      | 12.53  | cps   |
| Yttrium    | 89-1  | 10052097 | 10257279 | 9845124  | 10051500 | 2.05   | cps   |
| Yttrium    | 89-2  | 268050   | 266066   | 268775   | 267630   | 0.52   | cps   |
| Zinc       | 66-2  | 503      | 483      | 490      | 492      | 2.07   | cps   |



|                         |                     |                   |                     |
|-------------------------|---------------------|-------------------|---------------------|
| LB Number :             | LB97237             | Operator :        | Jaswal              |
| Lab Sample ID :         | J4379-12DUPDLX5     | Instrumnet Name : | P8                  |
| Client Sample ID :      | MW-103SDUPDL        | Dilution Factor : | 5                   |
| Date & Time Acquired :: | 2018-08-10 20:51:51 | DataFile Name :   | 136SMPL_P8081018-MS |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|-----------|------|------|------|------|---------|--------|-------|
| Zirconium | 90-1 | 3276 | 3392 | 3926 | 3531    | 9.81   | cps   |
| Zirconium | 91-1 | 708  | 708  | 858  | 758     | 11.42  | cps   |

|                         |                     |                   |                     |
|-------------------------|---------------------|-------------------|---------------------|
| LB Number :             | LB97237             | Operator :        | Jaswal              |
| Lab Sample ID :         | J4379-12LDLX25      | Instrumnet Name : | P8                  |
| Client Sample ID :      | MW-103SLDL          | Dilution Factor : | 25                  |
| Date & Time Acquired :: | 2018-08-10 20:55:11 | DataFile Name :   | 137SMPL_P8081018-MS |

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|------------|-------|----------|----------|----------|----------|--------|-------|
| Aluminium  | 27-2  | 45       | 78       | 48       | 57       | 31.93  | cps   |
| Antimony   | 121-1 | 550      | 442      | 483      | 492      | 11.11  | cps   |
| Arsenic    | 75-2  | 11       | 7        | 6        | 8        | 35.21  | cps   |
| Barium     | 135-1 | 20700    | 20583    | 19749    | 20344    | 2.55   | cps   |
| Barium     | 137-1 | 35290    | 36510    | 34972    | 35591    | 2.28   | cps   |
| Beryllium  | 9-1   | 94       | 161      | 111      | 122      | 28.39  | cps   |
| Bismuth    | 209-1 | 9845332  | 9789505  | 9601903  | 9745580  | 1.31   | cps   |
| Bismuth    | 209-2 | 2172122  | 2328675  | 2317014  | 2272604  | 3.84   | cps   |
| Boron      | 10-1  | 8953     | 8903     | 9554     | 9137     | 3.96   | cps   |
| Boron      | 11-1  | 42907    | 45372    | 44478    | 44252    | 2.82   | cps   |
| Cadmium    | 111-1 | 1673     | 1593     | 1668     | 1645     | 2.73   | cps   |
| Cadmium    | 106-1 | 2359     | 2275     | 2375     | 2336     | 2.29   | cps   |
| Cadmium    | 108-1 | 4        | 29       | 4        | 13       | 115.44 | cps   |
| Calcium    | 43-1  | 75025    | 75671    | 76542    | 75746    | 1.01   | cps   |
| Calcium    | 44-1  | 1275678  | 1269584  | 1291018  | 1278760  | 0.86   | cps   |
| Chromium   | 52-2  | 370      | 370      | 343      | 361      | 4.26   | cps   |
| Cobalt     | 59-2  | 43       | 37       | 57       | 46       | 22.36  | cps   |
| Copper     | 63-2  | 833      | 737      | 763      | 778      | 6.42   | cps   |
| Dysprosium | 156-1 | 42       | 17       | 58       | 39       | 53.93  | cps   |
| Dysprosium | 156-2 | 7        | 0        | 3        | 3        | 100.05 | cps   |
| Erbium     | 164-1 | 50       | 75       | 25       | 50       | 50.00  | cps   |
| Erbium     | 164-2 | 10       | 13       | 7        | 10       | 33.30  | cps   |
| Gadolinium | 160-1 | 75       | 67       | 100      | 81       | 21.54  | cps   |
| Gadolinium | 160-2 | 3        | 17       | 20       | 13       | 66.16  | cps   |
| Holmium    | 165-1 | 14635754 | 14470052 | 14392256 | 14499354 | 0.86   | cps   |
| Holmium    | 165-2 | 2596937  | 2796369  | 2809522  | 2734276  | 4.36   | cps   |
| Indium     | 115-1 | 10723997 | 10526335 | 10616968 | 10622433 | 0.93   | cps   |
| Indium     | 115-2 | 354088   | 384169   | 382163   | 373473   | 4.50   | cps   |
| Iron       | 56-2  | 21445    | 20799    | 21094    | 21113    | 1.53   | cps   |
| Iron       | 57-2  | 500      | 611      | 611      | 574      | 11.17  | cps   |
| Krypton    | 83-1  | 333      | 330      | 337      | 333      | 1.00   | cps   |
| Lead       | 206-1 | 1400     | 1345     | 1389     | 1378     | 2.13   | cps   |
| Lead       | 207-1 | 1028     | 1039     | 1083     | 1050     | 2.80   | cps   |
| Lead       | 208-1 | 5228     | 5106     | 5101     | 5145     | 1.40   | cps   |
| Lithium    | 6-1   | 1678675  | 1713167  | 1688739  | 1693527  | 1.05   | cps   |
| Magnesium  | 24-2  | 158548   | 154566   | 155961   | 156358   | 1.29   | cps   |

|                         |                     |                   |                     |
|-------------------------|---------------------|-------------------|---------------------|
| LB Number :             | LB97237             | Operator :        | Jaswal              |
| Lab Sample ID :         | J4379-12LDLX25      | Instrumnet Name : | P8                  |
| Client Sample ID :      | MW-103SLDL          | Dilution Factor : | 25                  |
| Date & Time Acquired :: | 2018-08-10 20:55:11 | DataFile Name :   | 137SMPL_P8081018-MS |

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|------------|-------|----------|----------|----------|----------|--------|-------|
| Manganese  | 55-2  | 1570     | 1533     | 1337     | 1480     | 8.48   | cps   |
| Molybdenum | 94-1  | 492      | 692      | 650      | 611      | 17.27  | cps   |
| Molybdenum | 95-1  | 233      | 225      | 325      | 261      | 21.25  | cps   |
| Molybdenum | 96-1  | 450      | 283      | 458      | 397      | 24.85  | cps   |
| Molybdenum | 97-1  | 242      | 142      | 142      | 175      | 32.99  | cps   |
| Molybdenum | 98-1  | 400      | 475      | 400      | 425      | 10.19  | cps   |
| Neodymium  | 150-1 | 40       | 20       | 33       | 31       | 32.73  | cps   |
| Neodymium  | 150-2 | 3        | 3        | 3        | 3        | 0.00   | cps   |
| Nickel     | 60-2  | 120      | 143      | 110      | 124      | 13.75  | cps   |
| Phosphorus | 31-2  | 17       | 17       | 0        | 11       | 86.60  | cps   |
| Potassium  | 39-2  | 45583    | 46169    | 45951    | 45901    | 0.64   | cps   |
| Rhodium    | 103-1 | 9851157  | 9707629  | 9603623  | 9720803  | 1.28   | cps   |
| Rhodium    | 103-2 | 2294387  | 2470357  | 2480962  | 2415235  | 4.34   | cps   |
| Scandium   | 45-1  | 5662519  | 5624068  | 5601299  | 5629295  | 0.55   | cps   |
| Scandium   | 45-2  | 33998    | 37447    | 37774    | 36406    | 5.75   | cps   |
| Selenium   | 77-2  | 0        | 0        | 0        | 0        | 0.00   | cps   |
| Selenium   | 78-2  | 0        | 0        | 2        | 1        | 173.21 | cps   |
| Selenium   | 82-1  | 73       | 43       | 11       | 42       | 72.40  | cps   |
| Silicon    | 28-1  | 1372708  | 1366147  | 1379933  | 1372930  | 0.50   | cps   |
| Silver     | 109-1 | 258      | 250      | 167      | 225      | 22.53  | cps   |
| Silver     | 107-1 | 275      | 208      | 258      | 247      | 14.03  | cps   |
| Sodium     | 23-2  | 4301352  | 4255894  | 4273991  | 4277079  | 0.54   | cps   |
| Strontium  | 86-1  | 213901   | 215306   | 217314   | 215507   | 0.80   | cps   |
| Strontium  | 88-1  | 1906876  | 1898587  | 1910810  | 1905424  | 0.33   | cps   |
| Sulfur     | 34-1  | 352178   | 353831   | 353508   | 353172   | 0.25   | cps   |
| Terbium    | 159-1 | 14996201 | 14809897 | 14664548 | 14823549 | 1.12   | cps   |
| Terbium    | 159-2 | 2497608  | 2653721  | 2674795  | 2608708  | 3.71   | cps   |
| Thallium   | 203-1 | 125      | 208      | 117      | 150      | 33.79  | cps   |
| Thallium   | 205-1 | 275      | 358      | 233      | 289      | 22.03  | cps   |
| Tin        | 118-1 | 5426     | 5285     | 5210     | 5307     | 2.07   | cps   |
| Titanium   | 47-1  | 483      | 300      | 509      | 431      | 26.43  | cps   |
| Uranium    | 238-1 | 67       | 92       | 50       | 69       | 30.20  | cps   |
| Vanadium   | 51-2  | 100      | 73       | 97       | 90       | 16.15  | cps   |
| Yttrium    | 89-1  | 10590816 | 10582084 | 10486952 | 10553284 | 0.55   | cps   |
| Yttrium    | 89-2  | 258977   | 280368   | 276056   | 271800   | 4.16   | cps   |
| Zinc       | 66-2  | 150      | 243      | 190      | 194      | 24.08  | cps   |

|                         |                     |                   |                     |
|-------------------------|---------------------|-------------------|---------------------|
| LB Number :             | LB97237             | Operator :        | Jaswal              |
| Lab Sample ID :         | J4379-12LDLX25      | Instrumnet Name : | P8                  |
| Client Sample ID :      | MW-103SLDL          | Dilution Factor : | 25                  |
| Date & Time Acquired :: | 2018-08-10 20:55:11 | DataFile Name :   | 137SMPL_P8081018-MS |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|-----------|------|------|------|------|---------|--------|-------|
| Zirconium | 90-1 | 1233 | 1317 | 1308 | 1286    | 3.57   | cps   |
| Zirconium | 91-1 | 292  | 300  | 325  | 306     | 5.68   | cps   |

|                         |                     |                   |                     |
|-------------------------|---------------------|-------------------|---------------------|
| LB Number :             | LB97237             | Operator :        | Jaswal              |
| Lab Sample ID :         | J4379-13DLX5        | Instrumnet Name : | P8                  |
| Client Sample ID :      | MW-103SMSDL         | Dilution Factor : | 5                   |
| Date & Time Acquired :: | 2018-08-10 20:58:31 | DataFile Name :   | 138SMPL_P8081018-MS |

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|------------|-------|----------|----------|----------|----------|--------|-------|
| Aluminium  | 27-2  | 9085     | 9401     | 9383     | 9290     | 1.91   | cps   |
| Antimony   | 121-1 | 862277   | 866669   | 876800   | 868582   | 0.86   | cps   |
| Arsenic    | 75-2  | 7421     | 7208     | 7445     | 7358     | 1.77   | cps   |
| Barium     | 135-1 | 1011819  | 1010625  | 1025234  | 1015893  | 0.80   | cps   |
| Barium     | 137-1 | 1824636  | 1823238  | 1833466  | 1827113  | 0.30   | cps   |
| Beryllium  | 9-1   | 99933    | 100359   | 102809   | 101034   | 1.54   | cps   |
| Bismuth    | 209-1 | 9106522  | 9089800  | 9132051  | 9109458  | 0.23   | cps   |
| Bismuth    | 209-2 | 2160230  | 2180236  | 2183252  | 2174573  | 0.58   | cps   |
| Boron      | 10-1  | 42146    | 43492    | 44654    | 43431    | 2.89   | cps   |
| Boron      | 11-1  | 201482   | 206736   | 213253   | 207157   | 2.85   | cps   |
| Cadmium    | 111-1 | 180146   | 177078   | 181853   | 179692   | 1.35   | cps   |
| Cadmium    | 106-1 | 20917    | 20066    | 20984    | 20655    | 2.48   | cps   |
| Cadmium    | 108-1 | 12648    | 13015    | 13015    | 12893    | 1.64   | cps   |
| Calcium    | 43-1  | 507293   | 505709   | 515809   | 509604   | 1.07   | cps   |
| Calcium    | 44-1  | 8419164  | 8294226  | 8414761  | 8376050  | 0.85   | cps   |
| Chromium   | 52-2  | 65322    | 64984    | 65121    | 65142    | 0.26   | cps   |
| Cobalt     | 59-2  | 142681   | 141190   | 142789   | 142220   | 0.63   | cps   |
| Copper     | 63-2  | 249974   | 246925   | 250870   | 249256   | 0.83   | cps   |
| Dysprosium | 156-1 | 75       | 92       | 67       | 78       | 16.37  | cps   |
| Dysprosium | 156-2 | 23       | 13       | 20       | 19       | 26.96  | cps   |
| Erbium     | 164-1 | 50       | 125      | 117      | 97       | 42.28  | cps   |
| Erbium     | 164-2 | 37       | 7        | 17       | 20       | 76.36  | cps   |
| Gadolinium | 160-1 | 117      | 150      | 117      | 128      | 15.06  | cps   |
| Gadolinium | 160-2 | 57       | 40       | 33       | 43       | 27.74  | cps   |
| Holmium    | 165-1 | 13919659 | 13904634 | 13972310 | 13932201 | 0.26   | cps   |
| Holmium    | 165-2 | 2710308  | 2699166  | 2710997  | 2706823  | 0.25   | cps   |
| Indium     | 115-1 | 9843756  | 9790061  | 9834224  | 9822680  | 0.29   | cps   |
| Indium     | 115-2 | 358955   | 359639   | 360845   | 359813   | 0.27   | cps   |
| Iron       | 56-2  | 2304346  | 2288012  | 2314145  | 2302168  | 0.57   | cps   |
| Iron       | 57-2  | 54590    | 56531    | 56749    | 55957    | 2.12   | cps   |
| Krypton    | 83-1  | 283      | 363      | 370      | 339      | 14.23  | cps   |
| Lead       | 206-1 | 633289   | 627890   | 641938   | 634373   | 1.12   | cps   |
| Lead       | 207-1 | 552192   | 553485   | 557279   | 554319   | 0.48   | cps   |
| Lead       | 208-1 | 2536711  | 2540873  | 2575036  | 2550873  | 0.82   | cps   |
| Lithium    | 6-1   | 1562418  | 1576853  | 1543529  | 1560933  | 1.07   | cps   |
| Magnesium  | 24-2  | 929955   | 933005   | 939771   | 934244   | 0.54   | cps   |

|                         |                     |                   |                     |
|-------------------------|---------------------|-------------------|---------------------|
| LB Number :             | LB97237             | Operator :        | Jaswal              |
| Lab Sample ID :         | J4379-13DLX5        | Instrumnet Name : | P8                  |
| Client Sample ID :      | MW-103SMSDL         | Dilution Factor : | 5                   |
| Date & Time Acquired :: | 2018-08-10 20:58:31 | DataFile Name :   | 138SMPL_P8081018-MS |

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|------------|-------|----------|----------|----------|----------|--------|-------|
| Manganese  | 55-2  | 41141    | 42110    | 41488    | 41580    | 1.18   | cps   |
| Molybdenum | 94-1  | 1435153  | 1432459  | 1466834  | 1444815  | 1.32   | cps   |
| Molybdenum | 95-1  | 1786571  | 1768787  | 1805728  | 1787029  | 1.03   | cps   |
| Molybdenum | 96-1  | 2006584  | 1968862  | 1987180  | 1987542  | 0.95   | cps   |
| Molybdenum | 97-1  | 1096977  | 1085339  | 1108372  | 1096896  | 1.05   | cps   |
| Molybdenum | 98-1  | 2853636  | 2838596  | 2867773  | 2853335  | 0.51   | cps   |
| Neodymium  | 150-1 | 127      | 113      | 207      | 149      | 33.91  | cps   |
| Neodymium  | 150-2 | 20       | 17       | 3        | 13       | 66.16  | cps   |
| Nickel     | 60-2  | 42889    | 42110    | 42455    | 42485    | 0.92   | cps   |
| Phosphorus | 31-2  | 17       | 33       | 33       | 28       | 34.63  | cps   |
| Potassium  | 39-2  | 255478   | 252739   | 255138   | 254451   | 0.59   | cps   |
| Rhodium    | 103-1 | 8969434  | 8839046  | 8996792  | 8935090  | 0.94   | cps   |
| Rhodium    | 103-2 | 2299307  | 2312432  | 2302601  | 2304780  | 0.30   | cps   |
| Scandium   | 45-1  | 5254091  | 5314727  | 5325929  | 5298249  | 0.73   | cps   |
| Scandium   | 45-2  | 35896    | 35939    | 36354    | 36063    | 0.70   | cps   |
| Selenium   | 77-2  | 63       | 40       | 47       | 50       | 24.03  | cps   |
| Selenium   | 78-2  | 169      | 170      | 135      | 158      | 12.53  | cps   |
| Selenium   | 82-1  | 10666    | 10784    | 11078    | 10843    | 1.96   | cps   |
| Silicon    | 28-1  | 5396617  | 5352170  | 5497214  | 5415334  | 1.37   | cps   |
| Silver     | 109-1 | 825822   | 827687   | 842925   | 832144   | 1.13   | cps   |
| Silver     | 107-1 | 859805   | 860100   | 864479   | 861461   | 0.30   | cps   |
| Sodium     | 23-2  | 19623125 | 19519156 | 19583097 | 19575126 | 0.27   | cps   |
| Strontium  | 86-1  | 1176317  | 1162740  | 1184151  | 1174403  | 0.92   | cps   |
| Strontium  | 88-1  | 10235476 | 10102351 | 10310686 | 10216171 | 1.03   | cps   |
| Sulfur     | 34-1  | 340556   | 339252   | 340162   | 339990   | 0.20   | cps   |
| Terbium    | 159-1 | 14264720 | 14017982 | 14131869 | 14138190 | 0.87   | cps   |
| Terbium    | 159-2 | 2547819  | 2555849  | 2526712  | 2543460  | 0.59   | cps   |
| Thallium   | 203-1 | 778174   | 775339   | 788695   | 780736   | 0.90   | cps   |
| Thallium   | 205-1 | 1921110  | 1910978  | 1931274  | 1921121  | 0.53   | cps   |
| Tin        | 118-1 | 576187   | 575407   | 577954   | 576516   | 0.23   | cps   |
| Titanium   | 47-1  | 421220   | 418481   | 426520   | 422074   | 0.97   | cps   |
| Uranium    | 238-1 | 2712888  | 2701422  | 2717074  | 2710461  | 0.30   | cps   |
| Vanadium   | 51-2  | 47932    | 48347    | 48748    | 48342    | 0.84   | cps   |
| Yttrium    | 89-1  | 9866122  | 9958553  | 9979076  | 9934584  | 0.61   | cps   |
| Yttrium    | 89-2  | 264381   | 264003   | 265450   | 264611   | 0.28   | cps   |
| Zinc       | 66-2  | 20796    | 21170    | 20729    | 20898    | 1.14   | cps   |

|                         |                     |                   |                     |
|-------------------------|---------------------|-------------------|---------------------|
| LB Number :             | LB97237             | Operator :        | Jaswal              |
| Lab Sample ID :         | J4379-13DLX5        | Instrumnet Name : | P8                  |
| Client Sample ID :      | MW-103SMSDL         | Dilution Factor : | 5                   |
| Date & Time Acquired :: | 2018-08-10 20:58:31 | DataFile Name :   | 138SMPL_P8081018-MS |

| Parameter | Mass | CPS1    | CPS2    | CPS3    | CPSMean | CPSRSD | Units |
|-----------|------|---------|---------|---------|---------|--------|-------|
| Zirconium | 90-1 | 1187491 | 1166865 | 1194539 | 1182965 | 1.22   | cps   |
| Zirconium | 91-1 | 263184  | 258690  | 266413  | 262762  | 1.48   | cps   |

|                         |                     |                   |                      |
|-------------------------|---------------------|-------------------|----------------------|
| LB Number :             | LB97237             | Operator :        | Jaswal               |
| Lab Sample ID :         | CCV01               | Instrumnet Name : | P8                   |
| Client Sample ID :      | CCV01               | Dilution Factor : | 1                    |
| Date & Time Acquired :: | 2018-08-10 21:01:49 | DataFile Name :   | 139CCV_P8081018-MS.I |

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|------------|-------|----------|----------|----------|----------|--------|-------|
| Aluminium  | 27-2  | 269119   | 271553   | 269586   | 270086   | 0.48   | cps   |
| Antimony   | 121-1 | 4566809  | 4694175  | 4607571  | 4622852  | 1.41   | cps   |
| Arsenic    | 75-2  | 39759    | 40515    | 40171    | 40148    | 0.94   | cps   |
| Barium     | 135-1 | 5090686  | 5144142  | 5117167  | 5117331  | 0.52   | cps   |
| Barium     | 137-1 | 8961708  | 8911052  | 8824117  | 8898959  | 0.78   | cps   |
| Beryllium  | 9-1   | 555733   | 552874   | 554923   | 554510   | 0.27   | cps   |
| Bismuth    | 209-1 | 8489135  | 8717501  | 8931215  | 8712617  | 2.54   | cps   |
| Bismuth    | 209-2 | 2040370  | 2067940  | 2105126  | 2071145  | 1.57   | cps   |
| Boron      | 10-1  | 67091    | 67526    | 69000    | 67872    | 1.47   | cps   |
| Boron      | 11-1  | 311794   | 316469   | 324337   | 317533   | 2.00   | cps   |
| Cadmium    | 111-1 | 966050   | 968735   | 959490   | 964758   | 0.49   | cps   |
| Cadmium    | 106-1 | 104393   | 104780   | 103940   | 104371   | 0.40   | cps   |
| Cadmium    | 108-1 | 70098    | 70295    | 69302    | 69898    | 0.75   | cps   |
| Calcium    | 43-1  | 4688837  | 4706410  | 4683237  | 4692828  | 0.26   | cps   |
| Calcium    | 44-1  | 76476639 | 77088743 | 76441481 | 76668954 | 0.47   | cps   |
| Chromium   | 52-2  | 361270   | 364613   | 363682   | 363188   | 0.48   | cps   |
| Cobalt     | 59-2  | 766454   | 768598   | 768684   | 767912   | 0.16   | cps   |
| Copper     | 63-2  | 1291983  | 1294295  | 1294063  | 1293447  | 0.10   | cps   |
| Dysprosium | 156-1 | 150      | 75       | 108      | 111      | 33.82  | cps   |
| Dysprosium | 156-2 | 7        | 10       | 10       | 9        | 21.63  | cps   |
| Erbium     | 164-1 | 108      | 67       | 42       | 72       | 46.63  | cps   |
| Erbium     | 164-2 | 13       | 10       | 10       | 11       | 17.30  | cps   |
| Gadolinium | 160-1 | 117      | 92       | 117      | 108      | 13.32  | cps   |
| Gadolinium | 160-2 | 20       | 33       | 20       | 24       | 31.49  | cps   |
| Holmium    | 165-1 | 13204232 | 14021910 | 13744440 | 13656861 | 3.04   | cps   |
| Holmium    | 165-2 | 2581490  | 2619856  | 2708801  | 2636716  | 2.48   | cps   |
| Indium     | 115-1 | 9279185  | 9677007  | 9832146  | 9596112  | 2.97   | cps   |
| Indium     | 115-2 | 347105   | 347889   | 352394   | 349129   | 0.82   | cps   |
| Iron       | 56-2  | 59000486 | 59583964 | 59543656 | 59376035 | 0.55   | cps   |
| Iron       | 57-2  | 1506971  | 1515252  | 1488934  | 1503719  | 0.89   | cps   |
| Krypton    | 83-1  | 380      | 353      | 313      | 349      | 9.62   | cps   |
| Lead       | 206-1 | 3445409  | 3444859  | 3459706  | 3449991  | 0.24   | cps   |
| Lead       | 207-1 | 3147335  | 3158349  | 3157942  | 3154542  | 0.20   | cps   |
| Lead       | 208-1 | 14110912 | 14120161 | 14139037 | 14123370 | 0.10   | cps   |
| Lithium    | 6-1   | 1498744  | 1579227  | 1586317  | 1554763  | 3.13   | cps   |
| Magnesium  | 24-2  | 6369176  | 6372607  | 6384701  | 6375494  | 0.13   | cps   |



|                         |                     |                   |                      |
|-------------------------|---------------------|-------------------|----------------------|
| LB Number :             | LB97237             | Operator :        | Jaswal               |
| Lab Sample ID :         | CCV01               | Instrumnet Name : | P8                   |
| Client Sample ID :      | CCV01               | Dilution Factor : | 1                    |
| Date & Time Acquired :: | 2018-08-10 21:01:49 | DataFile Name :   | 139CCV_P8081018-MS.I |

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|------------|-------|----------|----------|----------|----------|--------|-------|
| Manganese  | 55-2  | 193340   | 194489   | 196443   | 194758   | 0.81   | cps   |
| Molybdenum | 94-1  | 7896209  | 7784804  | 7853913  | 7844975  | 0.72   | cps   |
| Molybdenum | 95-1  | 9639307  | 9602144  | 9521277  | 9587576  | 0.63   | cps   |
| Molybdenum | 96-1  | 10758527 | 10757284 | 10793272 | 10769694 | 0.19   | cps   |
| Molybdenum | 97-1  | 6120536  | 6032872  | 6077469  | 6076959  | 0.72   | cps   |
| Molybdenum | 98-1  | 15662198 | 15517598 | 15444147 | 15541314 | 0.71   | cps   |
| Neodymium  | 150-1 | 307      | 267      | 267      | 280      | 8.25   | cps   |
| Neodymium  | 150-2 | 10       | 17       | 13       | 13       | 25.01  | cps   |
| Nickel     | 60-2  | 225614   | 229136   | 227958   | 227569   | 0.79   | cps   |
| Phosphorus | 31-2  | 3050     | 3367     | 3134     | 3184     | 5.16   | cps   |
| Potassium  | 39-2  | 1577297  | 1604928  | 1595662  | 1592629  | 0.88   | cps   |
| Rhodium    | 103-1 | 8329267  | 8728167  | 8722866  | 8593433  | 2.66   | cps   |
| Rhodium    | 103-2 | 2172655  | 2192560  | 2227764  | 2197660  | 1.27   | cps   |
| Scandium   | 45-1  | 5118155  | 5320256  | 5413364  | 5283925  | 2.86   | cps   |
| Scandium   | 45-2  | 34917    | 36073    | 36133    | 35708    | 1.92   | cps   |
| Selenium   | 77-2  | 270      | 240      | 270      | 260      | 6.66   | cps   |
| Selenium   | 78-2  | 950      | 917      | 880      | 915      | 3.85   | cps   |
| Selenium   | 82-1  | 56528    | 57185    | 56890    | 56868    | 0.58   | cps   |
| Silicon    | 28-1  | 1984247  | 2014685  | 2013336  | 2004089  | 0.86   | cps   |
| Silver     | 109-1 | 4534391  | 4554088  | 4534079  | 4540853  | 0.25   | cps   |
| Silver     | 107-1 | 4832969  | 4825605  | 4772044  | 4810206  | 0.69   | cps   |
| Sodium     | 23-2  | 14245041 | 14376676 | 14261196 | 14294304 | 0.50   | cps   |
| Strontium  | 86-1  | 1181497  | 1181156  | 1175603  | 1179419  | 0.28   | cps   |
| Strontium  | 88-1  | 10326900 | 10324708 | 10288908 | 10313506 | 0.21   | cps   |
| Sulfur     | 34-1  | 600499   | 602340   | 602906   | 601915   | 0.21   | cps   |
| Terbium    | 159-1 | 13431284 | 13984424 | 14097659 | 13837789 | 2.58   | cps   |
| Terbium    | 159-2 | 2460463  | 2455572  | 2527746  | 2481260  | 1.63   | cps   |
| Thallium   | 203-1 | 4281244  | 4289647  | 4201187  | 4257359  | 1.15   | cps   |
| Thallium   | 205-1 | 9983440  | 10023022 | 9993003  | 9999822  | 0.21   | cps   |
| Tin        | 118-1 | 3300479  | 3282053  | 3301228  | 3294587  | 0.33   | cps   |
| Titanium   | 47-1  | 2371132  | 2369960  | 2411293  | 2384128  | 0.99   | cps   |
| Uranium    | 238-1 | 14264355 | 14323021 | 14067045 | 14218140 | 0.94   | cps   |
| Vanadium   | 51-2  | 261330   | 262668   | 262793   | 262264   | 0.31   | cps   |
| Yttrium    | 89-1  | 9451083  | 9862947  | 9995514  | 9769848  | 2.91   | cps   |
| Yttrium    | 89-2  | 258232   | 260681   | 263426   | 260780   | 1.00   | cps   |
| Zinc       | 66-2  | 110257   | 110842   | 111211   | 110770   | 0.43   | cps   |

|                         |                     |                   |                      |
|-------------------------|---------------------|-------------------|----------------------|
| LB Number :             | LB97237             | Operator :        | Jaswal               |
| Lab Sample ID :         | CCV01               | Instrumnet Name : | P8                   |
| Client Sample ID :      | CCV01               | Dilution Factor : | 1                    |
| Date & Time Acquired :: | 2018-08-10 21:01:49 | DataFile Name :   | 139CCV_P8081018-MS.I |

| Parameter | Mass | CPS1    | CPS2    | CPS3    | CPSMean | CPSRSD | Units |
|-----------|------|---------|---------|---------|---------|--------|-------|
| Zirconium | 90-1 | 6487737 | 6552760 | 6489301 | 6509933 | 0.57   | cps   |
| Zirconium | 91-1 | 1492365 | 1491706 | 1472787 | 1485620 | 0.75   | cps   |

|                         |                     |                   |                     |
|-------------------------|---------------------|-------------------|---------------------|
| LB Number :             | LB97237             | Operator :        | Jaswal              |
| Lab Sample ID :         | CCB01               | Instrumnet Name : | P8                  |
| Client Sample ID :      | CCB01               | Dilution Factor : | 1                   |
| Date & Time Acquired :: | 2018-08-10 21:05:00 | DataFile Name :   | 140CCBE_P8081018-M8 |

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|------------|-------|----------|----------|----------|----------|--------|-------|
| Aluminium  | 27-2  | 18       | 20       | 15       | 18       | 14.31  | cps   |
| Antimony   | 121-1 | 10163    | 9612     | 8128     | 9301     | 11.32  | cps   |
| Arsenic    | 75-2  | 13       | 9        | 9        | 10       | 20.36  | cps   |
| Barium     | 135-1 | 283      | 167      | 83       | 178      | 56.51  | cps   |
| Barium     | 137-1 | 442      | 342      | 225      | 336      | 32.26  | cps   |
| Beryllium  | 9-1   | 317      | 383      | 383      | 361      | 10.66  | cps   |
| Bismuth    | 209-1 | 9417457  | 9309508  | 9342037  | 9356334  | 0.59   | cps   |
| Bismuth    | 209-2 | 2184898  | 2242747  | 2263340  | 2230328  | 1.82   | cps   |
| Boron      | 10-1  | 3617     | 3317     | 3384     | 3439     | 4.58   | cps   |
| Boron      | 11-1  | 16535    | 16135    | 15292    | 15987    | 3.97   | cps   |
| Cadmium    | 111-1 | 1479     | 1610     | 1581     | 1557     | 4.43   | cps   |
| Cadmium    | 106-1 | 1959     | 2192     | 2092     | 2081     | 5.63   | cps   |
| Cadmium    | 108-1 | 13       | 17       | 0        | 10       | 89.22  | cps   |
| Calcium    | 43-1  | 608      | 492      | 558      | 553      | 10.59  | cps   |
| Calcium    | 44-1  | 15559    | 14249    | 13907    | 14572    | 5.98   | cps   |
| Chromium   | 52-2  | 317      | 293      | 310      | 307      | 3.92   | cps   |
| Cobalt     | 59-2  | 43       | 43       | 30       | 39       | 19.79  | cps   |
| Copper     | 63-2  | 590      | 547      | 547      | 561      | 4.46   | cps   |
| Dysprosium | 156-1 | 8        | 0        | 42       | 17       | 132.30 | cps   |
| Dysprosium | 156-2 | 0        | 3        | 0        | 1        | 173.21 | cps   |
| Erbium     | 164-1 | 75       | 58       | 50       | 61       | 20.83  | cps   |
| Erbium     | 164-2 | 3        | 3        | 3        | 3        | 0.00   | cps   |
| Gadolinium | 160-1 | 100      | 50       | 42       | 64       | 49.38  | cps   |
| Gadolinium | 160-2 | 3        | 10       | 3        | 6        | 69.34  | cps   |
| Holmium    | 165-1 | 13856650 | 13874176 | 13836776 | 13855867 | 0.14   | cps   |
| Holmium    | 165-2 | 2622052  | 2667234  | 2690481  | 2659922  | 1.31   | cps   |
| Indium     | 115-1 | 10299648 | 10003818 | 10077262 | 10126909 | 1.52   | cps   |
| Indium     | 115-2 | 361829   | 366623   | 368480   | 365644   | 0.94   | cps   |
| Iron       | 56-2  | 2995     | 2639     | 2639     | 2758     | 7.45   | cps   |
| Iron       | 57-2  | 61       | 78       | 78       | 72       | 13.33  | cps   |
| Krypton    | 83-1  | 293      | 290      | 283      | 289      | 1.76   | cps   |
| Lead       | 206-1 | 567      | 439      | 422      | 476      | 16.61  | cps   |
| Lead       | 207-1 | 517      | 489      | 400      | 469      | 13.01  | cps   |
| Lead       | 208-1 | 2306     | 2022     | 1750     | 2026     | 13.71  | cps   |
| Lithium    | 6-1   | 1642843  | 1617490  | 1611721  | 1624018  | 1.02   | cps   |
| Magnesium  | 24-2  | 333      | 392      | 450      | 392      | 14.89  | cps   |

|                         |                     |                   |                     |
|-------------------------|---------------------|-------------------|---------------------|
| LB Number :             | LB97237             | Operator :        | Jaswal              |
| Lab Sample ID :         | CCB01               | Instrumnet Name : | P8                  |
| Client Sample ID :      | CCB01               | Dilution Factor : | 1                   |
| Date & Time Acquired :: | 2018-08-10 21:05:00 | DataFile Name :   | 140CCBE_P8081018-M8 |

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|------------|-------|----------|----------|----------|----------|--------|-------|
| Manganese  | 55-2  | 53       | 77       | 47       | 59       | 26.75  | cps   |
| Molybdenum | 94-1  | 3717     | 3301     | 2967     | 3328     | 11.29  | cps   |
| Molybdenum | 95-1  | 4751     | 3717     | 3109     | 3859     | 21.51  | cps   |
| Molybdenum | 96-1  | 4743     | 4743     | 3642     | 4376     | 14.52  | cps   |
| Molybdenum | 97-1  | 3184     | 2509     | 2109     | 2600     | 20.90  | cps   |
| Molybdenum | 98-1  | 7552     | 6619     | 5510     | 6560     | 15.59  | cps   |
| Neodymium  | 150-1 | 27       | 13       | 0        | 13       | 100.01 | cps   |
| Neodymium  | 150-2 | 0        | 0        | 0        | 0        | 0.00   | cps   |
| Nickel     | 60-2  | 87       | 113      | 93       | 98       | 14.19  | cps   |
| Phosphorus | 31-2  | 0        | 0        | 0        | 0        | 0.00   | cps   |
| Potassium  | 39-2  | 1867     | 1909     | 1809     | 1861     | 2.70   | cps   |
| Rhodium    | 103-1 | 9304137  | 9178875  | 9321550  | 9268187  | 0.84   | cps   |
| Rhodium    | 103-2 | 2321090  | 2353741  | 2416719  | 2363850  | 2.06   | cps   |
| Scandium   | 45-1  | 5299104  | 5301754  | 5420256  | 5340372  | 1.30   | cps   |
| Scandium   | 45-2  | 34008    | 34743    | 34987    | 34579    | 1.47   | cps   |
| Selenium   | 77-2  | 0        | 0        | 3        | 1        | 173.21 | cps   |
| Selenium   | 78-2  | 2        | 2        | 2        | 2        | 0.00   | cps   |
| Selenium   | 82-1  | 20       | 29       | -14      | 12       | 196.65 | cps   |
| Silicon    | 28-1  | 247977   | 249945   | 251468   | 249797   | 0.70   | cps   |
| Silver     | 109-1 | 567      | 625      | 533      | 575      | 8.07   | cps   |
| Silver     | 107-1 | 517      | 475      | 650      | 547      | 16.70  | cps   |
| Sodium     | 23-2  | 10913    | 10671    | 10730    | 10771    | 1.17   | cps   |
| Strontium  | 86-1  | 542      | 575      | 492      | 536      | 7.82   | cps   |
| Strontium  | 88-1  | 842      | 600      | 367      | 603      | 39.40  | cps   |
| Sulfur     | 34-1  | 330378   | 329552   | 331952   | 330627   | 0.37   | cps   |
| Terbium    | 159-1 | 14083206 | 14013417 | 14089898 | 14062173 | 0.30   | cps   |
| Terbium    | 159-2 | 2486654  | 2502602  | 2537831  | 2509029  | 1.04   | cps   |
| Thallium   | 203-1 | 1092     | 1183     | 1025     | 1100     | 7.23   | cps   |
| Thallium   | 205-1 | 3017     | 2667     | 2050     | 2578     | 18.99  | cps   |
| Tin        | 118-1 | 3984     | 3959     | 3326     | 3756     | 9.94   | cps   |
| Titanium   | 47-1  | 258      | 183      | 208      | 217      | 17.63  | cps   |
| Uranium    | 238-1 | 1033     | 642      | 400      | 692      | 46.21  | cps   |
| Vanadium   | 51-2  | 13       | 10       | 10       | 11       | 17.30  | cps   |
| Yttrium    | 89-1  | 10021313 | 9881824  | 9883895  | 9929011  | 0.81   | cps   |
| Yttrium    | 89-2  | 258203   | 265553   | 266615   | 263457   | 1.74   | cps   |
| Zinc       | 66-2  | 123      | 133      | 110      | 122      | 9.58   | cps   |

|                         |                     |                   |                     |
|-------------------------|---------------------|-------------------|---------------------|
| LB Number :             | LB97237             | Operator :        | Jaswal              |
| Lab Sample ID :         | CCB01               | Instrumnet Name : | P8                  |
| Client Sample ID :      | CCB01               | Dilution Factor : | 1                   |
| Date & Time Acquired :: | 2018-08-10 21:05:00 | DataFile Name :   | 140CCBE_P8081018-MS |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|-----------|------|------|------|------|---------|--------|-------|
| Zirconium | 90-1 | 3376 | 3126 | 3025 | 3176    | 5.68   | cps   |
| Zirconium | 91-1 | 700  | 808  | 683  | 731     | 9.29   | cps   |

|                         |                     |                   |                     |
|-------------------------|---------------------|-------------------|---------------------|
| LB Number :             | LB97237             | Operator :        | Jaswal              |
| Lab Sample ID :         | J4379-14DLX5        | Instrumnet Name : | P8                  |
| Client Sample ID :      | MW-103SMSDDL        | Dilution Factor : | 5                   |
| Date & Time Acquired :: | 2018-08-10 21:08:21 | DataFile Name :   | 141SMPL_P8081018-MS |

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|------------|-------|----------|----------|----------|----------|--------|-------|
| Aluminium  | 27-2  | 9688     | 9476     | 9633     | 9599     | 1.15   | cps   |
| Antimony   | 121-1 | 906223   | 917465   | 912223   | 911970   | 0.62   | cps   |
| Arsenic    | 75-2  | 7617     | 7647     | 7532     | 7598     | 0.78   | cps   |
| Barium     | 135-1 | 1051711  | 1064289  | 1059688  | 1058562  | 0.60   | cps   |
| Barium     | 137-1 | 1868477  | 1908064  | 1890806  | 1889116  | 1.05   | cps   |
| Beryllium  | 9-1   | 107023   | 107123   | 105618   | 106588   | 0.79   | cps   |
| Bismuth    | 209-1 | 9110102  | 9084173  | 9195691  | 9129988  | 0.64   | cps   |
| Bismuth    | 209-2 | 2123057  | 2142592  | 2143004  | 2136217  | 0.53   | cps   |
| Boron      | 10-1  | 44203    | 46208    | 46393    | 45601    | 2.66   | cps   |
| Boron      | 11-1  | 213228   | 218837   | 223448   | 218504   | 2.34   | cps   |
| Cadmium    | 111-1 | 187637   | 186062   | 189367   | 187689   | 0.88   | cps   |
| Cadmium    | 106-1 | 22027    | 22011    | 22194    | 22077    | 0.46   | cps   |
| Cadmium    | 108-1 | 13978    | 12961    | 13507    | 13482    | 3.78   | cps   |
| Calcium    | 43-1  | 533267   | 535083   | 542953   | 537101   | 0.96   | cps   |
| Calcium    | 44-1  | 8804461  | 8816763  | 8808381  | 8809869  | 0.07   | cps   |
| Chromium   | 52-2  | 67324    | 67415    | 67140    | 67293    | 0.21   | cps   |
| Cobalt     | 59-2  | 147807   | 147326   | 146955   | 147363   | 0.29   | cps   |
| Copper     | 63-2  | 256191   | 259723   | 252784   | 256233   | 1.35   | cps   |
| Dysprosium | 156-1 | 92       | 125      | 25       | 81       | 63.21  | cps   |
| Dysprosium | 156-2 | 13       | 13       | 0        | 9        | 86.60  | cps   |
| Erbium     | 164-1 | 117      | 92       | 83       | 97       | 17.84  | cps   |
| Erbium     | 164-2 | 23       | 23       | 10       | 19       | 40.75  | cps   |
| Gadolinium | 160-1 | 100      | 125      | 175      | 133      | 28.64  | cps   |
| Gadolinium | 160-2 | 30       | 10       | 20       | 20       | 50.00  | cps   |
| Holmium    | 165-1 | 13908234 | 13719834 | 14127050 | 13918373 | 1.46   | cps   |
| Holmium    | 165-2 | 2638460  | 2625274  | 2653699  | 2639144  | 0.54   | cps   |
| Indium     | 115-1 | 9898395  | 9745959  | 9927786  | 9857380  | 0.99   | cps   |
| Indium     | 115-2 | 350917   | 351098   | 353932   | 351983   | 0.48   | cps   |
| Iron       | 56-2  | 2387848  | 2380548  | 2343512  | 2370636  | 1.00   | cps   |
| Iron       | 57-2  | 58607    | 59265    | 58233    | 58701    | 0.89   | cps   |
| Krypton    | 83-1  | 310      | 327      | 420      | 352      | 16.83  | cps   |
| Lead       | 206-1 | 656716   | 660351   | 660239   | 659102   | 0.31   | cps   |
| Lead       | 207-1 | 571848   | 577738   | 582962   | 577516   | 0.96   | cps   |
| Lead       | 208-1 | 2627797  | 2652215  | 2664322  | 2648111  | 0.70   | cps   |
| Lithium    | 6-1   | 1579642  | 1571671  | 1585564  | 1578959  | 0.44   | cps   |
| Magnesium  | 24-2  | 981895   | 978683   | 958290   | 972956   | 1.32   | cps   |

|                         |                     |                   |                     |
|-------------------------|---------------------|-------------------|---------------------|
| LB Number :             | LB97237             | Operator :        | Jaswal              |
| Lab Sample ID :         | J4379-14DLX5        | Instrumnet Name : | P8                  |
| Client Sample ID :      | MW-103SMSDDL        | Dilution Factor : | 5                   |
| Date & Time Acquired :: | 2018-08-10 21:08:21 | DataFile Name :   | 141SMPL_P8081018-MS |

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|------------|-------|----------|----------|----------|----------|--------|-------|
| Manganese  | 55-2  | 42846    | 42130    | 42347    | 42441    | 0.86   | cps   |
| Molybdenum | 94-1  | 1515057  | 1520474  | 1536746  | 1524092  | 0.74   | cps   |
| Molybdenum | 95-1  | 1855942  | 1865562  | 1861952  | 1861152  | 0.26   | cps   |
| Molybdenum | 96-1  | 2097451  | 2087394  | 2097530  | 2094125  | 0.28   | cps   |
| Molybdenum | 97-1  | 1131137  | 1142696  | 1146549  | 1140127  | 0.70   | cps   |
| Molybdenum | 98-1  | 2963391  | 3005941  | 2994127  | 2987820  | 0.74   | cps   |
| Neodymium  | 150-1 | 160      | 207      | 167      | 178      | 14.20  | cps   |
| Neodymium  | 150-2 | 7        | 23       | 17       | 16       | 53.90  | cps   |
| Nickel     | 60-2  | 43608    | 43572    | 42378    | 43186    | 1.62   | cps   |
| Phosphorus | 31-2  | 67       | 42       | 50       | 53       | 24.12  | cps   |
| Potassium  | 39-2  | 269068   | 263473   | 261306   | 264616   | 1.51   | cps   |
| Rhodium    | 103-1 | 8903768  | 8829081  | 9063003  | 8931950  | 1.34   | cps   |
| Rhodium    | 103-2 | 2239634  | 2234918  | 2257277  | 2243943  | 0.53   | cps   |
| Scandium   | 45-1  | 5439029  | 5259908  | 5484313  | 5394417  | 2.20   | cps   |
| Scandium   | 45-2  | 35040    | 34603    | 35766    | 35136    | 1.67   | cps   |
| Selenium   | 77-2  | 37       | 40       | 73       | 50       | 40.55  | cps   |
| Selenium   | 78-2  | 154      | 157      | 165      | 159      | 3.57   | cps   |
| Selenium   | 82-1  | 11260    | 11343    | 11201    | 11268    | 0.63   | cps   |
| Silicon    | 28-1  | 5631368  | 5660457  | 5675652  | 5655826  | 0.40   | cps   |
| Silver     | 109-1 | 858818   | 865989   | 862525   | 862444   | 0.42   | cps   |
| Silver     | 107-1 | 894218   | 895725   | 902229   | 897391   | 0.47   | cps   |
| Sodium     | 23-2  | 20403510 | 20445972 | 20041301 | 20296928 | 1.10   | cps   |
| Strontium  | 86-1  | 1218006  | 1222500  | 1222670  | 1221058  | 0.22   | cps   |
| Strontium  | 88-1  | 10678892 | 10678772 | 10629584 | 10662416 | 0.27   | cps   |
| Sulfur     | 34-1  | 334788   | 334509   | 336050   | 335116   | 0.24   | cps   |
| Terbium    | 159-1 | 14167266 | 14018239 | 14458744 | 14214750 | 1.58   | cps   |
| Terbium    | 159-2 | 2497404  | 2508282  | 2515981  | 2507222  | 0.37   | cps   |
| Thallium   | 203-1 | 809391   | 806469   | 805175   | 807012   | 0.27   | cps   |
| Thallium   | 205-1 | 2006322  | 1987236  | 2006057  | 1999872  | 0.55   | cps   |
| Tin        | 118-1 | 599534   | 603434   | 606965   | 603311   | 0.62   | cps   |
| Titanium   | 47-1  | 439891   | 440416   | 441070   | 440459   | 0.13   | cps   |
| Uranium    | 238-1 | 2760826  | 2814468  | 2792769  | 2789354  | 0.97   | cps   |
| Vanadium   | 51-2  | 50474    | 49762    | 49012    | 49749    | 1.47   | cps   |
| Yttrium    | 89-1  | 10146987 | 9893634  | 10089174 | 10043265 | 1.32   | cps   |
| Yttrium    | 89-2  | 259221   | 259188   | 262060   | 260156   | 0.63   | cps   |
| Zinc       | 66-2  | 21630    | 21931    | 21817    | 21793    | 0.70   | cps   |

|                         |                     |                   |                     |
|-------------------------|---------------------|-------------------|---------------------|
| LB Number :             | LB97237             | Operator :        | Jaswal              |
| Lab Sample ID :         | J4379-14DLX5        | Instrumnet Name : | P8                  |
| Client Sample ID :      | MW-103SMSDDL        | Dilution Factor : | 5                   |
| Date & Time Acquired :: | 2018-08-10 21:08:21 | DataFile Name :   | 141SMPL_P8081018-MS |

| Parameter | Mass | CPS1    | CPS2    | CPS3    | CPSMean | CPSRSD | Units |
|-----------|------|---------|---------|---------|---------|--------|-------|
| Zirconium | 90-1 | 1243278 | 1248257 | 1244147 | 1245227 | 0.21   | cps   |
| Zirconium | 91-1 | 278891  | 278989  | 275698  | 277859  | 0.67   | cps   |



|                         |                     |                   |                     |
|-------------------------|---------------------|-------------------|---------------------|
| LB Number :             | LB97237             | Operator :        | Jaswal              |
| Lab Sample ID :         | J4379-12ADLX5       | Instrumnet Name : | P8                  |
| Client Sample ID :      | MW-103SADL          | Dilution Factor : | 5                   |
| Date & Time Acquired :: | 2018-08-10 21:11:39 | DataFile Name :   | 142SMPL_P8081018-MS |

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|------------|-------|----------|----------|----------|----------|--------|-------|
| Aluminium  | 27-2  | 10126    | 9753     | 9796     | 9892     | 2.06   | cps   |
| Antimony   | 121-1 | 924734   | 930484   | 927753   | 927657   | 0.31   | cps   |
| Arsenic    | 75-2  | 7737     | 7563     | 7582     | 7627     | 1.25   | cps   |
| Barium     | 135-1 | 1075557  | 1087332  | 1076386  | 1079758  | 0.61   | cps   |
| Barium     | 137-1 | 1932244  | 1941080  | 1917711  | 1930345  | 0.61   | cps   |
| Beryllium  | 9-1   | 109822   | 108389   | 107548   | 108586   | 1.06   | cps   |
| Bismuth    | 209-1 | 8721962  | 9526390  | 9459445  | 9235933  | 4.83   | cps   |
| Bismuth    | 209-2 | 2217517  | 2190119  | 2163592  | 2190409  | 1.23   | cps   |
| Boron      | 10-1  | 46217    | 46961    | 49420    | 47532    | 3.53   | cps   |
| Boron      | 11-1  | 218487   | 225122   | 230761   | 224790   | 2.73   | cps   |
| Cadmium    | 111-1 | 192400   | 193027   | 194121   | 193183   | 0.45   | cps   |
| Cadmium    | 106-1 | 22620    | 22762    | 22862    | 22748    | 0.53   | cps   |
| Cadmium    | 108-1 | 13553    | 13632    | 13799    | 13661    | 0.92   | cps   |
| Calcium    | 43-1  | 542087   | 546744   | 548600   | 545810   | 0.61   | cps   |
| Calcium    | 44-1  | 8980660  | 8903598  | 8991401  | 8958553  | 0.53   | cps   |
| Chromium   | 52-2  | 68396    | 69016    | 67857    | 68423    | 0.85   | cps   |
| Cobalt     | 59-2  | 149192   | 151466   | 149438   | 150032   | 0.83   | cps   |
| Copper     | 63-2  | 260316   | 264473   | 259281   | 261356   | 1.05   | cps   |
| Dysprosium | 156-1 | 125      | 75       | 75       | 92       | 31.50  | cps   |
| Dysprosium | 156-2 | 13       | 20       | 7        | 13       | 49.99  | cps   |
| Erbium     | 164-1 | 100      | 108      | 125      | 111      | 11.46  | cps   |
| Erbium     | 164-2 | 10       | 13       | 23       | 16       | 44.60  | cps   |
| Gadolinium | 160-1 | 183      | 100      | 142      | 142      | 29.41  | cps   |
| Gadolinium | 160-2 | 33       | 40       | 27       | 33       | 20.00  | cps   |
| Holmium    | 165-1 | 13447698 | 14523145 | 14494939 | 14155260 | 4.33   | cps   |
| Holmium    | 165-2 | 2768851  | 2694741  | 2707140  | 2723578  | 1.46   | cps   |
| Indium     | 115-1 | 9539195  | 10359362 | 10388712 | 10095756 | 4.78   | cps   |
| Indium     | 115-2 | 366441   | 361543   | 362157   | 363380   | 0.73   | cps   |
| Iron       | 56-2  | 2413594  | 2435312  | 2377953  | 2408953  | 1.20   | cps   |
| Iron       | 57-2  | 59650    | 59510    | 57620    | 58927    | 1.92   | cps   |
| Krypton    | 83-1  | 323      | 327      | 460      | 370      | 21.07  | cps   |
| Lead       | 206-1 | 673084   | 682470   | 671945   | 675833   | 0.85   | cps   |
| Lead       | 207-1 | 594656   | 596038   | 587010   | 592568   | 0.82   | cps   |
| Lead       | 208-1 | 2711183  | 2737976  | 2702613  | 2717257  | 0.68   | cps   |
| Lithium    | 6-1   | 1523715  | 1630112  | 1620126  | 1591318  | 3.69   | cps   |
| Magnesium  | 24-2  | 984812   | 990451   | 980137   | 985133   | 0.52   | cps   |

|                         |                     |                   |                     |
|-------------------------|---------------------|-------------------|---------------------|
| LB Number :             | LB97237             | Operator :        | Jaswal              |
| Lab Sample ID :         | J4379-12ADLX5       | Instrumnet Name : | P8                  |
| Client Sample ID :      | MW-103SADL          | Dilution Factor : | 5                   |
| Date & Time Acquired :: | 2018-08-10 21:11:39 | DataFile Name :   | 142SMPL_P8081018-MS |

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|------------|-------|----------|----------|----------|----------|--------|-------|
| Manganese  | 55-2  | 44056    | 44200    | 42565    | 43607    | 2.08   | cps   |
| Molybdenum | 94-1  | 1577083  | 1570656  | 1565584  | 1571108  | 0.37   | cps   |
| Molybdenum | 95-1  | 1886642  | 1911119  | 1887933  | 1895232  | 0.73   | cps   |
| Molybdenum | 96-1  | 2167043  | 2134078  | 2124529  | 2141883  | 1.04   | cps   |
| Molybdenum | 97-1  | 1180964  | 1169575  | 1160946  | 1170495  | 0.86   | cps   |
| Molybdenum | 98-1  | 3111990  | 3073618  | 3048029  | 3077879  | 1.05   | cps   |
| Neodymium  | 150-1 | 107      | 153      | 173      | 144      | 23.68  | cps   |
| Neodymium  | 150-2 | 7        | 13       | 17       | 12       | 41.65  | cps   |
| Nickel     | 60-2  | 45451    | 44825    | 43735    | 44670    | 1.94   | cps   |
| Phosphorus | 31-2  | 67       | 33       | 8        | 36       | 81.06  | cps   |
| Potassium  | 39-2  | 269298   | 263415   | 266511   | 266408   | 1.10   | cps   |
| Rhodium    | 103-1 | 8570123  | 9343124  | 9302842  | 9072030  | 4.80   | cps   |
| Rhodium    | 103-2 | 2361741  | 2351879  | 2315852  | 2343157  | 1.03   | cps   |
| Scandium   | 45-1  | 5126995  | 5593839  | 5479182  | 5400005  | 4.51   | cps   |
| Scandium   | 45-2  | 35956    | 35789    | 35976    | 35907    | 0.29   | cps   |
| Selenium   | 77-2  | 47       | 57       | 73       | 59       | 22.88  | cps   |
| Selenium   | 78-2  | 174      | 170      | 144      | 163      | 9.91   | cps   |
| Selenium   | 82-1  | 11460    | 11333    | 11435    | 11409    | 0.59   | cps   |
| Silicon    | 28-1  | 5718804  | 5748008  | 5669652  | 5712155  | 0.69   | cps   |
| Silver     | 109-1 | 884570   | 886572   | 880162   | 883768   | 0.37   | cps   |
| Silver     | 107-1 | 918542   | 921357   | 917456   | 919118   | 0.22   | cps   |
| Sodium     | 23-2  | 20584793 | 20479867 | 20444436 | 20503032 | 0.36   | cps   |
| Strontium  | 86-1  | 1243476  | 1244166  | 1253576  | 1247073  | 0.45   | cps   |
| Strontium  | 88-1  | 10983767 | 10991423 | 10962278 | 10979156 | 0.14   | cps   |
| Sulfur     | 34-1  | 337411   | 337650   | 337569   | 337543   | 0.04   | cps   |
| Terbium    | 159-1 | 13619480 | 14772961 | 14858368 | 14416936 | 4.80   | cps   |
| Terbium    | 159-2 | 2595534  | 2579367  | 2548314  | 2574405  | 0.93   | cps   |
| Thallium   | 203-1 | 825886   | 832289   | 823792   | 827322   | 0.54   | cps   |
| Thallium   | 205-1 | 2067904  | 2075566  | 2028265  | 2057245  | 1.23   | cps   |
| Tin        | 118-1 | 620174   | 615224   | 610301   | 615233   | 0.80   | cps   |
| Titanium   | 47-1  | 448766   | 452332   | 449510   | 450203   | 0.42   | cps   |
| Uranium    | 238-1 | 2876152  | 2868177  | 2868200  | 2870843  | 0.16   | cps   |
| Vanadium   | 51-2  | 50722    | 50982    | 50685    | 50796    | 0.32   | cps   |
| Yttrium    | 89-1  | 9611879  | 10360165 | 10524039 | 10165361 | 4.78   | cps   |
| Yttrium    | 89-2  | 269935   | 266330   | 264201   | 266822   | 1.09   | cps   |
| Zinc       | 66-2  | 21984    | 22114    | 21534    | 21877    | 1.39   | cps   |

|                         |                     |                   |                     |
|-------------------------|---------------------|-------------------|---------------------|
| LB Number :             | LB97237             | Operator :        | Jaswal              |
| Lab Sample ID :         | J4379-12ADLX5       | Instrumnet Name : | P8                  |
| Client Sample ID :      | MW-103SADL          | Dilution Factor : | 5                   |
| Date & Time Acquired :: | 2018-08-10 21:11:39 | DataFile Name :   | 142SMPL_P8081018-MS |

| Parameter | Mass | CPS1    | CPS2    | CPS3    | CPSMean | CPSRSD | Units |
|-----------|------|---------|---------|---------|---------|--------|-------|
| Zirconium | 90-1 | 1258720 | 1271767 | 1271660 | 1267382 | 0.59   | cps   |
| Zirconium | 91-1 | 280096  | 281844  | 281844  | 281261  | 0.36   | cps   |

|                         |                     |                   |                     |
|-------------------------|---------------------|-------------------|---------------------|
| LB Number :             | LB97237             | Operator :        | Jaswal              |
| Lab Sample ID :         | J4379-15DLX5        | Instrumnet Name : | P8                  |
| Client Sample ID :      | MW-104IDL           | Dilution Factor : | 5                   |
| Date & Time Acquired :: | 2018-08-10 21:14:57 | DataFile Name :   | 143SMPL_P8081018-MS |

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|------------|-------|----------|----------|----------|----------|--------|-------|
| Aluminium  | 27-2  | 40       | 43       | 33       | 38       | 13.57  | cps   |
| Antimony   | 121-1 | 2392     | 2525     | 2675     | 2531     | 5.60   | cps   |
| Arsenic    | 75-2  | 204      | 161      | 187      | 184      | 11.67  | cps   |
| Barium     | 135-1 | 80730    | 80126    | 79346    | 80067    | 0.87   | cps   |
| Barium     | 137-1 | 140842   | 140656   | 139757   | 140418   | 0.41   | cps   |
| Beryllium  | 9-1   | 300      | 283      | 239      | 274      | 11.53  | cps   |
| Bismuth    | 209-1 | 9731160  | 9901629  | 9861105  | 9831298  | 0.91   | cps   |
| Bismuth    | 209-2 | 2285455  | 2235660  | 2206702  | 2242606  | 1.78   | cps   |
| Boron      | 10-1  | 16310    | 16552    | 16427    | 16429    | 0.74   | cps   |
| Boron      | 11-1  | 78364    | 78934    | 81724    | 79674    | 2.26   | cps   |
| Cadmium    | 111-1 | 1702     | 1624     | 1641     | 1656     | 2.48   | cps   |
| Cadmium    | 106-1 | 2367     | 2234     | 2259     | 2286     | 3.10   | cps   |
| Cadmium    | 108-1 | 13       | 8        | 4        | 8        | 49.98  | cps   |
| Calcium    | 43-1  | 58172    | 57678    | 56698    | 57516    | 1.30   | cps   |
| Calcium    | 44-1  | 947984   | 937221   | 928150   | 937785   | 1.06   | cps   |
| Chromium   | 52-2  | 407      | 390      | 417      | 404      | 3.33   | cps   |
| Cobalt     | 59-2  | 373      | 400      | 353      | 376      | 6.23   | cps   |
| Copper     | 63-2  | 1397     | 1400     | 1330     | 1376     | 2.87   | cps   |
| Dysprosium | 156-1 | 58       | 50       | 67       | 58       | 14.29  | cps   |
| Dysprosium | 156-2 | 17       | 0        | 10       | 9        | 94.38  | cps   |
| Erbium     | 164-1 | 125      | 117      | 50       | 97       | 42.28  | cps   |
| Erbium     | 164-2 | 7        | 23       | 3        | 11       | 96.43  | cps   |
| Gadolinium | 160-1 | 50       | 108      | 92       | 83       | 36.06  | cps   |
| Gadolinium | 160-2 | 7        | 10       | 7        | 8        | 24.71  | cps   |
| Holmium    | 165-1 | 14257465 | 14536725 | 14651641 | 14481944 | 1.40   | cps   |
| Holmium    | 165-2 | 2726149  | 2665803  | 2644326  | 2678759  | 1.58   | cps   |
| Indium     | 115-1 | 10299357 | 10461865 | 10412450 | 10391224 | 0.80   | cps   |
| Indium     | 115-2 | 364960   | 354843   | 355454   | 358419   | 1.58   | cps   |
| Iron       | 56-2  | 226899   | 222632   | 221086   | 223539   | 1.35   | cps   |
| Iron       | 57-2  | 5440     | 6063     | 6051     | 5851     | 6.09   | cps   |
| Krypton    | 83-1  | 337      | 333      | 293      | 321      | 7.51   | cps   |
| Lead       | 206-1 | 2800     | 2995     | 3089     | 2962     | 4.97   | cps   |
| Lead       | 207-1 | 2539     | 2423     | 2389     | 2450     | 3.22   | cps   |
| Lead       | 208-1 | 11819    | 11730    | 11669    | 11740    | 0.64   | cps   |
| Lithium    | 6-1   | 1651235  | 1669569  | 1692510  | 1671105  | 1.24   | cps   |
| Magnesium  | 24-2  | 145714   | 146194   | 145427   | 145778   | 0.27   | cps   |

|                         |                     |                   |                     |
|-------------------------|---------------------|-------------------|---------------------|
| LB Number :             | LB97237             | Operator :        | Jaswal              |
| Lab Sample ID :         | J4379-15DLX5        | Instrumnet Name : | P8                  |
| Client Sample ID :      | MW-104IDL           | Dilution Factor : | 5                   |
| Date & Time Acquired :: | 2018-08-10 21:14:57 | DataFile Name :   | 143SMPL_P8081018-MS |

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|------------|-------|----------|----------|----------|----------|--------|-------|
| Manganese  | 55-2  | 31295    | 30614    | 31121    | 31010    | 1.14   | cps   |
| Molybdenum | 94-1  | 5601     | 5276     | 5401     | 5426     | 3.02   | cps   |
| Molybdenum | 95-1  | 6227     | 6052     | 5668     | 5982     | 4.78   | cps   |
| Molybdenum | 96-1  | 6902     | 7102     | 6168     | 6724     | 7.31   | cps   |
| Molybdenum | 97-1  | 3992     | 4101     | 3942     | 4012     | 2.02   | cps   |
| Molybdenum | 98-1  | 10038    | 9954     | 9179     | 9723     | 4.87   | cps   |
| Neodymium  | 150-1 | 33       | 33       | 33       | 33       | 0.00   | cps   |
| Neodymium  | 150-2 | 10       | 3        | 0        | 4        | 114.60 | cps   |
| Nickel     | 60-2  | 197      | 167      | 160      | 174      | 11.20  | cps   |
| Phosphorus | 31-2  | 25       | 17       | 33       | 25       | 33.32  | cps   |
| Potassium  | 39-2  | 105553   | 103765   | 104486   | 104601   | 0.86   | cps   |
| Rhodium    | 103-1 | 9325967  | 9545476  | 9550623  | 9474022  | 1.35   | cps   |
| Rhodium    | 103-2 | 2396461  | 2331486  | 2307318  | 2345088  | 1.97   | cps   |
| Scandium   | 45-1  | 5224235  | 5375718  | 5403855  | 5334603  | 1.81   | cps   |
| Scandium   | 45-2  | 33547    | 33788    | 33550    | 33628    | 0.41   | cps   |
| Selenium   | 77-2  | 0        | 0        | 3        | 1        | 173.21 | cps   |
| Selenium   | 78-2  | 0        | 2        | 0        | 1        | 173.21 | cps   |
| Selenium   | 82-1  | 25       | -4       | 67       | 30       | 120.78 | cps   |
| Silicon    | 28-1  | 4784994  | 4717432  | 4750257  | 4750894  | 0.71   | cps   |
| Silver     | 109-1 | 442      | 658      | 458      | 519      | 23.21  | cps   |
| Silver     | 107-1 | 558      | 608      | 542      | 569      | 6.09   | cps   |
| Sodium     | 23-2  | 2229665  | 2179008  | 2193382  | 2200685  | 1.19   | cps   |
| Strontium  | 86-1  | 148667   | 146536   | 146511   | 147238   | 0.84   | cps   |
| Strontium  | 88-1  | 1307538  | 1291890  | 1278097  | 1292508  | 1.14   | cps   |
| Sulfur     | 34-1  | 390870   | 382677   | 378297   | 383948   | 1.66   | cps   |
| Terbium    | 159-1 | 14592825 | 14790857 | 14994726 | 14792803 | 1.36   | cps   |
| Terbium    | 159-2 | 2614208  | 2522062  | 2491720  | 2542664  | 2.51   | cps   |
| Thallium   | 203-1 | 492      | 358      | 492      | 447      | 17.21  | cps   |
| Thallium   | 205-1 | 1275     | 1258     | 983      | 1172     | 13.97  | cps   |
| Tin        | 118-1 | 5918     | 6360     | 6235     | 6171     | 3.69   | cps   |
| Titanium   | 47-1  | 308      | 492      | 417      | 406      | 22.73  | cps   |
| Uranium    | 238-1 | 3526     | 3401     | 3651     | 3526     | 3.55   | cps   |
| Vanadium   | 51-2  | 47       | 17       | 33       | 32       | 46.65  | cps   |
| Yttrium    | 89-1  | 10020083 | 10287279 | 10239679 | 10182347 | 1.40   | cps   |
| Yttrium    | 89-2  | 262554   | 255346   | 250825   | 256241   | 2.31   | cps   |
| Zinc       | 66-2  | 957      | 903      | 883      | 914      | 4.15   | cps   |

|                         |                     |                   |                     |
|-------------------------|---------------------|-------------------|---------------------|
| LB Number :             | LB97237             | Operator :        | Jaswal              |
| Lab Sample ID :         | J4379-15DLX5        | Instrumnet Name : | P8                  |
| Client Sample ID :      | MW-104IDL           | Dilution Factor : | 5                   |
| Date & Time Acquired :: | 2018-08-10 21:14:57 | DataFile Name :   | 143SMPL_P8081018-MS |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|-----------|------|------|------|------|---------|--------|-------|
| Zirconium | 90-1 | 6160 | 5435 | 5426 | 5674    | 7.42   | cps   |
| Zirconium | 91-1 | 1450 | 1250 | 1067 | 1256    | 15.27  | cps   |

|                         |                     |                   |                     |
|-------------------------|---------------------|-------------------|---------------------|
| LB Number :             | LB97237             | Operator :        | Jaswal              |
| Lab Sample ID :         | J4379-16DLX5        | Instrumnet Name : | P8                  |
| Client Sample ID :      | MW-104DDL           | Dilution Factor : | 5                   |
| Date & Time Acquired :: | 2018-08-10 21:18:18 | DataFile Name :   | 144SMPL_P8081018-MS |

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|------------|-------|----------|----------|----------|----------|--------|-------|
| Aluminium  | 27-2  | 188      | 210      | 178      | 192      | 8.69   | cps   |
| Antimony   | 121-1 | 2650     | 2650     | 2617     | 2639     | 0.73   | cps   |
| Arsenic    | 75-2  | 26       | 43       | 37       | 35       | 24.11  | cps   |
| Barium     | 135-1 | 33443    | 32533    | 32358    | 32778    | 1.78   | cps   |
| Barium     | 137-1 | 56999    | 56923    | 55944    | 56622    | 1.04   | cps   |
| Beryllium  | 9-1   | 217      | 217      | 222      | 219      | 1.47   | cps   |
| Bismuth    | 209-1 | 8246243  | 8195940  | 7692061  | 8044748  | 3.81   | cps   |
| Bismuth    | 209-2 | 1955274  | 1984412  | 1988760  | 1976148  | 0.92   | cps   |
| Boron      | 10-1  | 91633    | 91985    | 94871    | 92830    | 1.91   | cps   |
| Boron      | 11-1  | 437534   | 441545   | 455002   | 444694   | 2.06   | cps   |
| Cadmium    | 111-1 | 1421     | 1555     | 1327     | 1434     | 8.00   | cps   |
| Cadmium    | 106-1 | 2000     | 2200     | 1859     | 2020     | 8.50   | cps   |
| Cadmium    | 108-1 | 13       | 8        | 17       | 13       | 33.36  | cps   |
| Calcium    | 43-1  | 663739   | 655990   | 661652   | 660460   | 0.61   | cps   |
| Calcium    | 44-1  | 10902686 | 10874518 | 10917999 | 10898401 | 0.20   | cps   |
| Chromium   | 52-2  | 493      | 430      | 513      | 479      | 9.08   | cps   |
| Cobalt     | 59-2  | 4938     | 4427     | 4668     | 4678     | 5.46   | cps   |
| Copper     | 63-2  | 1173     | 1117     | 1197     | 1162     | 3.54   | cps   |
| Dysprosium | 156-1 | 242      | 258      | 250      | 250      | 3.33   | cps   |
| Dysprosium | 156-2 | 40       | 67       | 87       | 64       | 36.33  | cps   |
| Erbium     | 164-1 | 308      | 258      | 300      | 289      | 9.27   | cps   |
| Erbium     | 164-2 | 60       | 37       | 43       | 47       | 25.75  | cps   |
| Gadolinium | 160-1 | 325      | 325      | 250      | 300      | 14.43  | cps   |
| Gadolinium | 160-2 | 43       | 50       | 47       | 47       | 7.15   | cps   |
| Holmium    | 165-1 | 13086966 | 13220971 | 12275862 | 12861266 | 3.98   | cps   |
| Holmium    | 165-2 | 2541212  | 2563880  | 2578409  | 2561167  | 0.73   | cps   |
| Indium     | 115-1 | 9303669  | 9283909  | 8693703  | 9093760  | 3.81   | cps   |
| Indium     | 115-2 | 344207   | 343758   | 348470   | 345478   | 0.75   | cps   |
| Iron       | 56-2  | 485486   | 489371   | 494023   | 489626   | 0.87   | cps   |
| Iron       | 57-2  | 12467    | 12083    | 12773    | 12441    | 2.78   | cps   |
| Krypton    | 83-1  | 573      | 590      | 563      | 576      | 2.34   | cps   |
| Lead       | 206-1 | 2534     | 2534     | 2284     | 2450     | 5.89   | cps   |
| Lead       | 207-1 | 1922     | 1911     | 1995     | 1943     | 2.33   | cps   |
| Lead       | 208-1 | 9768     | 9568     | 9796     | 9711     | 1.28   | cps   |
| Lithium    | 6-1   | 1485905  | 1470621  | 1400100  | 1452209  | 3.15   | cps   |
| Magnesium  | 24-2  | 3269557  | 3245438  | 3320033  | 3278343  | 1.16   | cps   |

|                         |                     |                   |                     |
|-------------------------|---------------------|-------------------|---------------------|
| LB Number :             | LB97237             | Operator :        | Jaswal              |
| Lab Sample ID :         | J4379-16DLX5        | Instrumnet Name : | P8                  |
| Client Sample ID :      | MW-104DDL           | Dilution Factor : | 5                   |
| Date & Time Acquired :: | 2018-08-10 21:18:18 | DataFile Name :   | 144SMPL_P8081018-MS |

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|------------|-------|----------|----------|----------|----------|--------|-------|
| Manganese  | 55-2  | 130260   | 130782   | 134035   | 131692   | 1.55   | cps   |
| Molybdenum | 94-1  | 4718     | 4251     | 4326     | 4431     | 5.66   | cps   |
| Molybdenum | 95-1  | 1867     | 1825     | 1917     | 1870     | 2.45   | cps   |
| Molybdenum | 96-1  | 2459     | 2309     | 2525     | 2431     | 4.57   | cps   |
| Molybdenum | 97-1  | 1242     | 1417     | 1458     | 1372     | 8.38   | cps   |
| Molybdenum | 98-1  | 3101     | 3067     | 3067     | 3078     | 0.63   | cps   |
| Neodymium  | 150-1 | 413      | 340      | 407      | 387      | 10.49  | cps   |
| Neodymium  | 150-2 | 40       | 40       | 40       | 40       | 0.00   | cps   |
| Nickel     | 60-2  | 1263     | 1417     | 1360     | 1347     | 5.76   | cps   |
| Phosphorus | 31-2  | 17       | 25       | 25       | 22       | 21.64  | cps   |
| Potassium  | 39-2  | 532567   | 537505   | 542005   | 537359   | 0.88   | cps   |
| Rhodium    | 103-1 | 8386355  | 8451456  | 7859101  | 8232304  | 3.95   | cps   |
| Rhodium    | 103-2 | 2130352  | 2176442  | 2185796  | 2164197  | 1.37   | cps   |
| Scandium   | 45-1  | 5216496  | 5195090  | 4882048  | 5097878  | 3.67   | cps   |
| Scandium   | 45-2  | 35224    | 35722    | 36481    | 35809    | 1.77   | cps   |
| Selenium   | 77-2  | 0        | 0        | 0        | 0        | 0.00   | cps   |
| Selenium   | 78-2  | 0        | 0        | 4        | 1        | 173.21 | cps   |
| Selenium   | 82-1  | 369      | 346      | 484      | 399      | 18.49  | cps   |
| Silicon    | 28-1  | 5468376  | 5329259  | 5389504  | 5395713  | 1.29   | cps   |
| Silver     | 109-1 | 492      | 608      | 675      | 592      | 15.68  | cps   |
| Silver     | 107-1 | 675      | 708      | 717      | 700      | 3.15   | cps   |
| Sodium     | 23-2  | 64203276 | 64906208 | 65588491 | 64899325 | 1.07   | cps   |
| Strontium  | 86-1  | 1821456  | 1769969  | 1804367  | 1798597  | 1.46   | cps   |
| Strontium  | 88-1  | 15682793 | 15388112 | 15560279 | 15543728 | 0.95   | cps   |
| Sulfur     | 34-1  | 1486918  | 1476503  | 1494549  | 1485990  | 0.61   | cps   |
| Terbium    | 159-1 | 13389836 | 13364959 | 12397334 | 13050710 | 4.34   | cps   |
| Terbium    | 159-2 | 2384517  | 2393106  | 2456774  | 2411465  | 1.64   | cps   |
| Thallium   | 203-1 | 275      | 258      | 250      | 261      | 4.87   | cps   |
| Thallium   | 205-1 | 550      | 575      | 483      | 536      | 8.84   | cps   |
| Tin        | 118-1 | 6669     | 7102     | 6477     | 6749     | 4.75   | cps   |
| Titanium   | 47-1  | 2034     | 2059     | 2578     | 2224     | 13.83  | cps   |
| Uranium    | 238-1 | 127879   | 125815   | 128729   | 127474   | 1.18   | cps   |
| Vanadium   | 51-2  | 127      | 87       | 97       | 103      | 20.14  | cps   |
| Yttrium    | 89-1  | 9557706  | 9601501  | 8845587  | 9334931  | 4.55   | cps   |
| Yttrium    | 89-2  | 257524   | 259509   | 261013   | 259349   | 0.67   | cps   |
| Zinc       | 66-2  | 1820     | 1820     | 1860     | 1833     | 1.26   | cps   |



|                         |                     |                   |                     |
|-------------------------|---------------------|-------------------|---------------------|
| LB Number :             | LB97237             | Operator :        | Jaswal              |
| Lab Sample ID :         | J4379-16DLX5        | Instrumnet Name : | P8                  |
| Client Sample ID :      | MW-104DDL           | Dilution Factor : | 5                   |
| Date & Time Acquired :: | 2018-08-10 21:18:18 | DataFile Name :   | 144SMPL_P8081018-MS |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|-----------|------|------|------|------|---------|--------|-------|
| Zirconium | 90-1 | 9045 | 9454 | 8728 | 9076    | 4.01   | cps   |
| Zirconium | 91-1 | 2034 | 2159 | 2242 | 2145    | 4.89   | cps   |

|                         |                     |                   |                     |
|-------------------------|---------------------|-------------------|---------------------|
| LB Number :             | LB97237             | Operator :        | Jaswal              |
| Lab Sample ID :         | J4379-17DLX5        | Instrumnet Name : | P8                  |
| Client Sample ID :      | MW-103IDL           | Dilution Factor : | 5                   |
| Date & Time Acquired :: | 2018-08-10 21:21:37 | DataFile Name :   | 145SMPL_P8081018-MS |

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|------------|-------|----------|----------|----------|----------|--------|-------|
| Aluminium  | 27-2  | 128      | 123      | 90       | 113      | 17.97  | cps   |
| Antimony   | 121-1 | 2134     | 2009     | 1859     | 2000     | 6.89   | cps   |
| Arsenic    | 75-2  | 130      | 111      | 157      | 133      | 17.56  | cps   |
| Barium     | 135-1 | 50196    | 50196    | 50756    | 50383    | 0.64   | cps   |
| Barium     | 137-1 | 88009    | 88873    | 86574    | 87819    | 1.32   | cps   |
| Beryllium  | 9-1   | 194      | 161      | 189      | 181      | 9.84   | cps   |
| Bismuth    | 209-1 | 9118486  | 9218681  | 9342082  | 9226416  | 1.21   | cps   |
| Bismuth    | 209-2 | 2237274  | 2207310  | 2177628  | 2207404  | 1.35   | cps   |
| Boron      | 10-1  | 12081    | 11680    | 12097    | 11953    | 1.97   | cps   |
| Boron      | 11-1  | 56671    | 56588    | 56043    | 56434    | 0.60   | cps   |
| Cadmium    | 111-1 | 1464     | 1474     | 1445     | 1461     | 1.00   | cps   |
| Cadmium    | 106-1 | 2059     | 2059     | 2025     | 2047     | 0.94   | cps   |
| Cadmium    | 108-1 | 21       | 13       | 8        | 14       | 45.83  | cps   |
| Calcium    | 43-1  | 120538   | 120111   | 119464   | 120038   | 0.45   | cps   |
| Calcium    | 44-1  | 2029808  | 2017133  | 1999461  | 2015467  | 0.76   | cps   |
| Chromium   | 52-2  | 593      | 567      | 517      | 559      | 6.96   | cps   |
| Cobalt     | 59-2  | 137      | 93       | 103      | 111      | 20.42  | cps   |
| Copper     | 63-2  | 3120     | 3274     | 3220     | 3205     | 2.43   | cps   |
| Dysprosium | 156-1 | 108      | 92       | 92       | 97       | 9.90   | cps   |
| Dysprosium | 156-2 | 3        | 43       | 13       | 20       | 104.10 | cps   |
| Erbium     | 164-1 | 142      | 142      | 133      | 139      | 3.46   | cps   |
| Erbium     | 164-2 | 13       | 23       | 10       | 16       | 44.60  | cps   |
| Gadolinium | 160-1 | 133      | 167      | 150      | 150      | 11.11  | cps   |
| Gadolinium | 160-2 | 13       | 17       | 20       | 17       | 20.01  | cps   |
| Holmium    | 165-1 | 13679502 | 13692220 | 13954979 | 13775567 | 1.13   | cps   |
| Holmium    | 165-2 | 2689334  | 2642043  | 2619266  | 2650214  | 1.35   | cps   |
| Indium     | 115-1 | 9940274  | 10049423 | 10086810 | 10025502 | 0.76   | cps   |
| Indium     | 115-2 | 363790   | 358693   | 357218   | 359900   | 0.96   | cps   |
| Iron       | 56-2  | 471556   | 471418   | 465111   | 469362   | 0.78   | cps   |
| Iron       | 57-2  | 11772    | 11777    | 11666    | 11739    | 0.53   | cps   |
| Krypton    | 83-1  | 343      | 363      | 357      | 354      | 2.87   | cps   |
| Lead       | 206-1 | 7575     | 7486     | 7791     | 7617     | 2.06   | cps   |
| Lead       | 207-1 | 6730     | 6485     | 6641     | 6619     | 1.87   | cps   |
| Lead       | 208-1 | 30604    | 29720    | 30398    | 30241    | 1.53   | cps   |
| Lithium    | 6-1   | 1619232  | 1608262  | 1654872  | 1627456  | 1.50   | cps   |
| Magnesium  | 24-2  | 182777   | 178565   | 178184   | 179842   | 1.42   | cps   |

|                         |                     |                   |                     |
|-------------------------|---------------------|-------------------|---------------------|
| LB Number :             | LB97237             | Operator :        | Jaswal              |
| Lab Sample ID :         | J4379-17DLX5        | Instrumnet Name : | P8                  |
| Client Sample ID :      | MW-103IDL           | Dilution Factor : | 5                   |
| Date & Time Acquired :: | 2018-08-10 21:21:37 | DataFile Name :   | 145SMPL_P8081018-MS |

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|------------|-------|----------|----------|----------|----------|--------|-------|
| Manganese  | 55-2  | 18783    | 19541    | 19554    | 19292    | 2.29   | cps   |
| Molybdenum | 94-1  | 1584     | 1492     | 1475     | 1517     | 3.85   | cps   |
| Molybdenum | 95-1  | 967      | 908      | 908      | 928      | 3.63   | cps   |
| Molybdenum | 96-1  | 1200     | 1325     | 1367     | 1297     | 6.69   | cps   |
| Molybdenum | 97-1  | 567      | 767      | 658      | 664      | 15.08  | cps   |
| Molybdenum | 98-1  | 1525     | 1825     | 1592     | 1647     | 9.56   | cps   |
| Neodymium  | 150-1 | 73       | 47       | 93       | 71       | 32.92  | cps   |
| Neodymium  | 150-2 | 3        | 10       | 3        | 6        | 69.34  | cps   |
| Nickel     | 60-2  | 207      | 223      | 253      | 228      | 10.38  | cps   |
| Phosphorus | 31-2  | 150      | 133      | 67       | 117      | 37.80  | cps   |
| Potassium  | 39-2  | 65436    | 64909    | 62891    | 64412    | 2.09   | cps   |
| Rhodium    | 103-1 | 9066753  | 9171180  | 9222465  | 9153466  | 0.87   | cps   |
| Rhodium    | 103-2 | 2375085  | 2318905  | 2309977  | 2334656  | 1.51   | cps   |
| Scandium   | 45-1  | 5337665  | 5368614  | 5334718  | 5346999  | 0.35   | cps   |
| Scandium   | 45-2  | 35505    | 34476    | 33393    | 34458    | 3.06   | cps   |
| Selenium   | 77-2  | 0        | 0        | 0        | 0        | 0.00   | cps   |
| Selenium   | 78-2  | 0        | 2        | 0        | 1        | 173.21 | cps   |
| Selenium   | 82-1  | 46       | 26       | 36       | 36       | 28.02  | cps   |
| Silicon    | 28-1  | 4671270  | 4644167  | 4624816  | 4646751  | 0.50   | cps   |
| Silver     | 109-1 | 408      | 350      | 500      | 419      | 18.03  | cps   |
| Silver     | 107-1 | 483      | 408      | 600      | 497      | 19.42  | cps   |
| Sodium     | 23-2  | 1802448  | 1767930  | 1776852  | 1782410  | 1.01   | cps   |
| Strontium  | 86-1  | 154219   | 153790   | 155122   | 154377   | 0.44   | cps   |
| Strontium  | 88-1  | 1334592  | 1348328  | 1340815  | 1341245  | 0.51   | cps   |
| Sulfur     | 34-1  | 373551   | 371795   | 371268   | 372205   | 0.32   | cps   |
| Terbium    | 159-1 | 14037664 | 14092549 | 14143618 | 14091277 | 0.38   | cps   |
| Terbium    | 159-2 | 2567861  | 2520792  | 2475963  | 2521539  | 1.82   | cps   |
| Thallium   | 203-1 | 250      | 158      | 233      | 214      | 22.83  | cps   |
| Thallium   | 205-1 | 475      | 508      | 517      | 500      | 4.41   | cps   |
| Tin        | 118-1 | 3909     | 4401     | 4509     | 4273     | 7.49   | cps   |
| Titanium   | 47-1  | 983      | 992      | 883      | 953      | 6.33   | cps   |
| Uranium    | 238-1 | 492      | 467      | 392      | 450      | 11.57  | cps   |
| Vanadium   | 51-2  | 173      | 170      | 103      | 149      | 26.52  | cps   |
| Yttrium    | 89-1  | 9876393  | 9967982  | 9988495  | 9944290  | 0.60   | cps   |
| Yttrium    | 89-2  | 262947   | 256385   | 256211   | 258515   | 1.49   | cps   |
| Zinc       | 66-2  | 6415     | 6325     | 6518     | 6419     | 1.51   | cps   |

|                         |                     |                   |                     |
|-------------------------|---------------------|-------------------|---------------------|
| LB Number :             | LB97237             | Operator :        | Jaswal              |
| Lab Sample ID :         | J4379-17DLX5        | Instrumnet Name : | P8                  |
| Client Sample ID :      | MW-103IDL           | Dilution Factor : | 5                   |
| Date & Time Acquired :: | 2018-08-10 21:21:37 | DataFile Name :   | 145SMPL_P8081018-MS |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|-----------|------|------|------|------|---------|--------|-------|
| Zirconium | 90-1 | 2134 | 2259 | 2417 | 2270    | 6.26   | cps   |
| Zirconium | 91-1 | 425  | 575  | 483  | 494     | 15.29  | cps   |

|                         |                     |                   |                     |
|-------------------------|---------------------|-------------------|---------------------|
| LB Number :             | LB97237             | Operator :        | Jaswal              |
| Lab Sample ID :         | J4379-19DLX5        | Instrumnet Name : | P8                  |
| Client Sample ID :      | MW-102SDL           | Dilution Factor : | 5                   |
| Date & Time Acquired :: | 2018-08-10 21:24:58 | DataFile Name :   | 146SMPL_P8081018-MS |

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|------------|-------|----------|----------|----------|----------|--------|-------|
| Aluminium  | 27-2  | 850      | 803      | 793      | 815      | 3.77   | cps   |
| Antimony   | 121-1 | 6377     | 6694     | 6744     | 6605     | 3.01   | cps   |
| Arsenic    | 75-2  | 17       | 17       | 20       | 18       | 11.93  | cps   |
| Barium     | 135-1 | 19181    | 19365    | 19282    | 19276    | 0.48   | cps   |
| Barium     | 137-1 | 32240    | 32817    | 32416    | 32491    | 0.91   | cps   |
| Beryllium  | 9-1   | 189      | 189      | 144      | 174      | 14.74  | cps   |
| Bismuth    | 209-1 | 9291184  | 9427637  | 9500278  | 9406367  | 1.13   | cps   |
| Bismuth    | 209-2 | 1923447  | 2165691  | 2169189  | 2086109  | 6.75   | cps   |
| Boron      | 10-1  | 3417     | 2967     | 2784     | 3056     | 10.67  | cps   |
| Boron      | 11-1  | 14274    | 14341    | 13857    | 14158    | 1.85   | cps   |
| Cadmium    | 111-1 | 1267     | 1665     | 1484     | 1472     | 13.54  | cps   |
| Cadmium    | 106-1 | 1825     | 2342     | 2100     | 2089     | 12.38  | cps   |
| Cadmium    | 108-1 | 21       | 17       | 17       | 18       | 13.30  | cps   |
| Calcium    | 43-1  | 82249    | 82115    | 83355    | 82573    | 0.82   | cps   |
| Calcium    | 44-1  | 1381410  | 1373213  | 1375640  | 1376754  | 0.31   | cps   |
| Chromium   | 52-2  | 1310     | 1303     | 1097     | 1237     | 9.81   | cps   |
| Cobalt     | 59-2  | 57       | 60       | 57       | 58       | 3.33   | cps   |
| Copper     | 63-2  | 2244     | 2267     | 2044     | 2185     | 5.62   | cps   |
| Dysprosium | 156-1 | 75       | 33       | 50       | 53       | 39.74  | cps   |
| Dysprosium | 156-2 | 10       | 7        | 7        | 8        | 24.71  | cps   |
| Erbium     | 164-1 | 92       | 50       | 58       | 67       | 33.07  | cps   |
| Erbium     | 164-2 | 0        | 13       | 10       | 8        | 89.21  | cps   |
| Gadolinium | 160-1 | 142      | 117      | 125      | 128      | 9.97   | cps   |
| Gadolinium | 160-2 | 10       | 13       | 23       | 16       | 44.60  | cps   |
| Holmium    | 165-1 | 13587716 | 13654701 | 13731507 | 13657975 | 0.53   | cps   |
| Holmium    | 165-2 | 2288306  | 2543299  | 2538093  | 2456566  | 5.93   | cps   |
| Indium     | 115-1 | 10002395 | 9947935  | 9908425  | 9952918  | 0.47   | cps   |
| Indium     | 115-2 | 311051   | 339357   | 340852   | 330420   | 5.08   | cps   |
| Iron       | 56-2  | 11928    | 12011    | 12145    | 12028    | 0.91   | cps   |
| Iron       | 57-2  | 294      | 250      | 356      | 300      | 17.67  | cps   |
| Krypton    | 83-1  | 333      | 340      | 273      | 316      | 11.64  | cps   |
| Lead       | 206-1 | 1250     | 1206     | 1183     | 1213     | 2.80   | cps   |
| Lead       | 207-1 | 933      | 995      | 1022     | 983      | 4.63   | cps   |
| Lead       | 208-1 | 4689     | 4734     | 4478     | 4634     | 2.95   | cps   |
| Lithium    | 6-1   | 1594740  | 1597854  | 1573260  | 1588618  | 0.84   | cps   |
| Magnesium  | 24-2  | 625      | 650      | 808      | 694      | 14.32  | cps   |

|                         |                     |                   |                     |
|-------------------------|---------------------|-------------------|---------------------|
| LB Number :             | LB97237             | Operator :        | Jaswal              |
| Lab Sample ID :         | J4379-19DLX5        | Instrumnet Name : | P8                  |
| Client Sample ID :      | MW-102SDL           | Dilution Factor : | 5                   |
| Date & Time Acquired :: | 2018-08-10 21:24:58 | DataFile Name :   | 146SMPL_P8081018-MS |

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|------------|-------|----------|----------|----------|----------|--------|-------|
| Manganese  | 55-2  | 190      | 177      | 143      | 170      | 14.14  | cps   |
| Molybdenum | 94-1  | 1767     | 1408     | 1567     | 1581     | 11.36  | cps   |
| Molybdenum | 95-1  | 1867     | 1734     | 1625     | 1742     | 6.95   | cps   |
| Molybdenum | 96-1  | 1892     | 1959     | 1842     | 1897     | 3.09   | cps   |
| Molybdenum | 97-1  | 1192     | 1017     | 1033     | 1081     | 8.94   | cps   |
| Molybdenum | 98-1  | 3092     | 3109     | 2925     | 3042     | 3.33   | cps   |
| Neodymium  | 150-1 | 73       | 100      | 100      | 91       | 16.89  | cps   |
| Neodymium  | 150-2 | 0        | 10       | 10       | 7        | 86.60  | cps   |
| Nickel     | 60-2  | 120      | 97       | 100      | 106      | 11.95  | cps   |
| Phosphorus | 31-2  | 8        | 0        | 0        | 3        | 173.21 | cps   |
| Potassium  | 39-2  | 13190    | 13023    | 13457    | 13223    | 1.65   | cps   |
| Rhodium    | 103-1 | 8973112  | 9072845  | 9021807  | 9022588  | 0.55   | cps   |
| Rhodium    | 103-2 | 1992428  | 2231276  | 2236464  | 2153389  | 6.47   | cps   |
| Scandium   | 45-1  | 5028349  | 5105420  | 4985918  | 5039896  | 1.20   | cps   |
| Scandium   | 45-2  | 29341    | 31977    | 31836    | 31051    | 4.77   | cps   |
| Selenium   | 77-2  | 3        | 0        | 0        | 1        | 173.21 | cps   |
| Selenium   | 78-2  | 0        | 2        | 0        | 1        | 173.21 | cps   |
| Selenium   | 82-1  | 6        | -30      | 86       | 21       | 287.42 | cps   |
| Silicon    | 28-1  | 4301062  | 4274693  | 4261118  | 4278958  | 0.47   | cps   |
| Silver     | 109-1 | 300      | 325      | 267      | 297      | 9.85   | cps   |
| Silver     | 107-1 | 308      | 367      | 258      | 311      | 17.43  | cps   |
| Sodium     | 23-2  | 119507   | 119792   | 117415   | 118905   | 1.09   | cps   |
| Strontium  | 86-1  | 201017   | 200239   | 198572   | 199942   | 0.62   | cps   |
| Strontium  | 88-1  | 1811531  | 1778183  | 1780540  | 1790085  | 1.04   | cps   |
| Sulfur     | 34-1  | 337236   | 334693   | 332499   | 334810   | 0.71   | cps   |
| Terbium    | 159-1 | 13819288 | 14011803 | 13897243 | 13909445 | 0.70   | cps   |
| Terbium    | 159-2 | 2149411  | 2388973  | 2422727  | 2320370  | 6.42   | cps   |
| Thallium   | 203-1 | 250      | 225      | 200      | 225      | 11.11  | cps   |
| Thallium   | 205-1 | 458      | 567      | 400      | 475      | 17.81  | cps   |
| Tin        | 118-1 | 3617     | 3934     | 3942     | 3831     | 4.84   | cps   |
| Titanium   | 47-1  | 833      | 708      | 733      | 758      | 8.72   | cps   |
| Uranium    | 238-1 | 225      | 208      | 283      | 239      | 16.48  | cps   |
| Vanadium   | 51-2  | 693      | 637      | 627      | 652      | 5.51   | cps   |
| Yttrium    | 89-1  | 9683806  | 9695732  | 9678230  | 9685923  | 0.09   | cps   |
| Yttrium    | 89-2  | 219907   | 244847   | 244164   | 236306   | 6.01   | cps   |
| Zinc       | 66-2  | 467      | 437      | 403      | 436      | 7.27   | cps   |

|                         |                     |                   |                     |
|-------------------------|---------------------|-------------------|---------------------|
| LB Number :             | LB97237             | Operator :        | Jaswal              |
| Lab Sample ID :         | J4379-19DLX5        | Instrumnet Name : | P8                  |
| Client Sample ID :      | MW-102SDL           | Dilution Factor : | 5                   |
| Date & Time Acquired :: | 2018-08-10 21:24:58 | DataFile Name :   | 146SMPL_P8081018-MS |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|-----------|------|------|------|------|---------|--------|-------|
| Zirconium | 90-1 | 1742 | 1558 | 1517 | 1606    | 7.46   | cps   |
| Zirconium | 91-1 | 333  | 475  | 333  | 381     | 21.49  | cps   |

|                         |                     |                   |                     |
|-------------------------|---------------------|-------------------|---------------------|
| LB Number :             | LB97237             | Operator :        | Jaswal              |
| Lab Sample ID :         | J4379-20DLX5        | Instrumnet Name : | P8                  |
| Client Sample ID :      | MW-102IDL           | Dilution Factor : | 5                   |
| Date & Time Acquired :: | 2018-08-10 21:28:18 | DataFile Name :   | 147SMPL_P8081018-MS |

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|------------|-------|----------|----------|----------|----------|--------|-------|
| Aluminium  | 27-2  | 440      | 378      | 380      | 399      | 8.87   | cps   |
| Antimony   | 121-1 | 2350     | 2675     | 2725     | 2584     | 7.88   | cps   |
| Arsenic    | 75-2  | 30       | 20       | 22       | 24       | 20.36  | cps   |
| Barium     | 135-1 | 13432    | 13065    | 12757    | 13085    | 2.58   | cps   |
| Barium     | 137-1 | 23781    | 23547    | 23839    | 23722    | 0.65   | cps   |
| Beryllium  | 9-1   | 183      | 144      | 150      | 159      | 13.21  | cps   |
| Bismuth    | 209-1 | 9382881  | 9415010  | 9353326  | 9383739  | 0.33   | cps   |
| Bismuth    | 209-2 | 2006309  | 2164912  | 2212757  | 2127993  | 5.08   | cps   |
| Boron      | 10-1  | 4284     | 5109     | 4859     | 4751     | 8.91   | cps   |
| Boron      | 11-1  | 21734    | 21884    | 22602    | 22073    | 2.10   | cps   |
| Cadmium    | 111-1 | 1298     | 1266     | 1323     | 1296     | 2.22   | cps   |
| Cadmium    | 106-1 | 1792     | 1792     | 1842     | 1809     | 1.60   | cps   |
| Cadmium    | 108-1 | 8        | 25       | 17       | 17       | 50.01  | cps   |
| Calcium    | 43-1  | 110500   | 109727   | 111776   | 110667   | 0.94   | cps   |
| Calcium    | 44-1  | 1856556  | 1843253  | 1855400  | 1851737  | 0.40   | cps   |
| Chromium   | 52-2  | 697      | 807      | 790      | 764      | 7.76   | cps   |
| Cobalt     | 59-2  | 160      | 203      | 160      | 174      | 14.34  | cps   |
| Copper     | 63-2  | 3264     | 3387     | 3410     | 3354     | 2.35   | cps   |
| Dysprosium | 156-1 | 208      | 142      | 192      | 181      | 19.22  | cps   |
| Dysprosium | 156-2 | 30       | 23       | 43       | 32       | 31.61  | cps   |
| Erbium     | 164-1 | 283      | 217      | 242      | 247      | 13.62  | cps   |
| Erbium     | 164-2 | 47       | 57       | 33       | 46       | 25.70  | cps   |
| Gadolinium | 160-1 | 233      | 292      | 167      | 231      | 27.13  | cps   |
| Gadolinium | 160-2 | 50       | 63       | 23       | 46       | 44.72  | cps   |
| Holmium    | 165-1 | 13620459 | 13583685 | 13840580 | 13681575 | 1.02   | cps   |
| Holmium    | 165-2 | 2354430  | 2577688  | 2621778  | 2517966  | 5.69   | cps   |
| Indium     | 115-1 | 9782002  | 9896793  | 9885858  | 9854884  | 0.64   | cps   |
| Indium     | 115-2 | 316745   | 340333   | 346071   | 334383   | 4.65   | cps   |
| Iron       | 56-2  | 67832    | 67385    | 67703    | 67640    | 0.34   | cps   |
| Iron       | 57-2  | 1878     | 1706     | 1756     | 1780     | 4.98   | cps   |
| Krypton    | 83-1  | 317      | 333      | 310      | 320      | 3.75   | cps   |
| Lead       | 206-1 | 12256    | 11850    | 12512    | 12206    | 2.73   | cps   |
| Lead       | 207-1 | 10260    | 10227    | 10671    | 10386    | 2.39   | cps   |
| Lead       | 208-1 | 48432    | 47826    | 49083    | 48447    | 1.30   | cps   |
| Lithium    | 6-1   | 1603113  | 1604829  | 1612666  | 1606869  | 0.32   | cps   |
| Magnesium  | 24-2  | 33282    | 32037    | 30642    | 31987    | 4.13   | cps   |



|                         |                     |                   |                     |
|-------------------------|---------------------|-------------------|---------------------|
| LB Number :             | LB97237             | Operator :        | Jaswal              |
| Lab Sample ID :         | J4379-20DLX5        | Instrumnet Name : | P8                  |
| Client Sample ID :      | MW-102IDL           | Dilution Factor : | 5                   |
| Date & Time Acquired :: | 2018-08-10 21:28:18 | DataFile Name :   | 147SMPL_P8081018-MS |

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|------------|-------|----------|----------|----------|----------|--------|-------|
| Manganese  | 55-2  | 1180     | 1113     | 1053     | 1116     | 5.68   | cps   |
| Molybdenum | 94-1  | 1017     | 1125     | 975      | 1039     | 7.45   | cps   |
| Molybdenum | 95-1  | 758      | 608      | 717      | 694      | 11.15  | cps   |
| Molybdenum | 96-1  | 808      | 883      | 950      | 881      | 8.05   | cps   |
| Molybdenum | 97-1  | 583      | 567      | 492      | 547      | 8.92   | cps   |
| Molybdenum | 98-1  | 1083     | 1108     | 1067     | 1086     | 1.93   | cps   |
| Neodymium  | 150-1 | 320      | 287      | 267      | 291      | 9.26   | cps   |
| Neodymium  | 150-2 | 47       | 37       | 30       | 38       | 22.21  | cps   |
| Nickel     | 60-2  | 233      | 287      | 310      | 277      | 14.20  | cps   |
| Phosphorus | 31-2  | 17       | 8        | 8        | 11       | 43.34  | cps   |
| Potassium  | 39-2  | 71231    | 70812    | 70201    | 70748    | 0.73   | cps   |
| Rhodium    | 103-1 | 8928259  | 8958863  | 9012232  | 8966452  | 0.47   | cps   |
| Rhodium    | 103-2 | 2081562  | 2236674  | 2296376  | 2204871  | 5.03   | cps   |
| Scandium   | 45-1  | 5007646  | 4967290  | 5045461  | 5006799  | 0.78   | cps   |
| Scandium   | 45-2  | 29067    | 31295    | 32207    | 30856    | 5.23   | cps   |
| Selenium   | 77-2  | 0        | 0        | 0        | 0        | 0.00   | cps   |
| Selenium   | 78-2  | 0        | 0        | 2        | 1        | 173.21 | cps   |
| Selenium   | 82-1  | -8       | 27       | 59       | 26       | 128.77 | cps   |
| Silicon    | 28-1  | 2937179  | 2930466  | 2905330  | 2924325  | 0.57   | cps   |
| Silver     | 109-1 | 350      | 267      | 383      | 333      | 18.03  | cps   |
| Silver     | 107-1 | 400      | 325      | 375      | 367      | 10.42  | cps   |
| Sodium     | 23-2  | 437767   | 437200   | 437198   | 437388   | 0.07   | cps   |
| Strontium  | 86-1  | 79884    | 79959    | 81635    | 80492    | 1.23   | cps   |
| Strontium  | 88-1  | 717628   | 712508   | 711727   | 713954   | 0.45   | cps   |
| Sulfur     | 34-1  | 348717   | 340769   | 343800   | 344429   | 1.16   | cps   |
| Terbium    | 159-1 | 13896569 | 13929849 | 13945446 | 13923955 | 0.18   | cps   |
| Terbium    | 159-2 | 2257702  | 2448613  | 2470757  | 2392357  | 4.90   | cps   |
| Thallium   | 203-1 | 192      | 175      | 217      | 194      | 10.79  | cps   |
| Thallium   | 205-1 | 567      | 517      | 508      | 531      | 5.95   | cps   |
| Tin        | 118-1 | 4476     | 4584     | 4526     | 4529     | 1.20   | cps   |
| Titanium   | 47-1  | 2967     | 2392     | 3226     | 2862     | 14.91  | cps   |
| Uranium    | 238-1 | 11331    | 11197    | 11281    | 11269    | 0.60   | cps   |
| Vanadium   | 51-2  | 380      | 440      | 377      | 399      | 8.94   | cps   |
| Yttrium    | 89-1  | 9519399  | 9589555  | 9525450  | 9544801  | 0.41   | cps   |
| Yttrium    | 89-2  | 227226   | 243804   | 247992   | 239674   | 4.58   | cps   |
| Zinc       | 66-2  | 1060     | 1030     | 1050     | 1047     | 1.46   | cps   |

|                         |                     |                   |                     |
|-------------------------|---------------------|-------------------|---------------------|
| LB Number :             | LB97237             | Operator :        | Jaswal              |
| Lab Sample ID :         | J4379-20DLX5        | Instrumnet Name : | P8                  |
| Client Sample ID :      | MW-102IDL           | Dilution Factor : | 5                   |
| Date & Time Acquired :: | 2018-08-10 21:28:18 | DataFile Name :   | 147SMPL_P8081018-MS |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|-----------|------|------|------|------|---------|--------|-------|
| Zirconium | 90-1 | 1959 | 1834 | 1834 | 1875    | 3.85   | cps   |
| Zirconium | 91-1 | 467  | 325  | 442  | 411     | 18.39  | cps   |

|                         |                     |                   |                     |
|-------------------------|---------------------|-------------------|---------------------|
| LB Number :             | LB97237             | Operator :        | Jaswal              |
| Lab Sample ID :         | J4379-21DLX5        | Instrumnet Name : | P8                  |
| Client Sample ID :      | MW-102DDL           | Dilution Factor : | 5                   |
| Date & Time Acquired :: | 2018-08-10 21:31:39 | DataFile Name :   | 148SMPL_P8081018-MS |

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|------------|-------|----------|----------|----------|----------|--------|-------|
| Aluminium  | 27-2  | 523      | 623      | 645      | 597      | 10.93  | cps   |
| Antimony   | 121-1 | 2150     | 2009     | 2184     | 2114     | 4.40   | cps   |
| Arsenic    | 75-2  | 80       | 67       | 69       | 72       | 9.79   | cps   |
| Barium     | 135-1 | 6852     | 6235     | 6035     | 6374     | 6.68   | cps   |
| Barium     | 137-1 | 11906    | 11472    | 12306    | 11895    | 3.51   | cps   |
| Beryllium  | 9-1   | 167      | 250      | 200      | 206      | 20.41  | cps   |
| Bismuth    | 209-1 | 9115283  | 9131971  | 9177745  | 9141666  | 0.35   | cps   |
| Bismuth    | 209-2 | 2170593  | 2153018  | 2166474  | 2163361  | 0.42   | cps   |
| Boron      | 10-1  | 11805    | 12398    | 12014    | 12072    | 2.49   | cps   |
| Boron      | 11-1  | 56596    | 57089    | 59265    | 57650    | 2.46   | cps   |
| Cadmium    | 111-1 | 1361     | 1537     | 1557     | 1485     | 7.25   | cps   |
| Cadmium    | 106-1 | 1900     | 2150     | 2184     | 2078     | 7.45   | cps   |
| Cadmium    | 108-1 | 21       | 8        | 13       | 14       | 45.83  | cps   |
| Calcium    | 43-1  | 25441    | 25165    | 24222    | 24942    | 2.56   | cps   |
| Calcium    | 44-1  | 411641   | 419209   | 415691   | 415513   | 0.91   | cps   |
| Chromium   | 52-2  | 750      | 770      | 860      | 793      | 7.39   | cps   |
| Cobalt     | 59-2  | 223      | 200      | 197      | 207      | 7.03   | cps   |
| Copper     | 63-2  | 2834     | 2904     | 3000     | 2913     | 2.87   | cps   |
| Dysprosium | 156-1 | 275      | 275      | 333      | 294      | 11.44  | cps   |
| Dysprosium | 156-2 | 43       | 37       | 63       | 48       | 29.04  | cps   |
| Erbium     | 164-1 | 250      | 283      | 250      | 261      | 7.37   | cps   |
| Erbium     | 164-2 | 33       | 57       | 33       | 41       | 32.78  | cps   |
| Gadolinium | 160-1 | 375      | 300      | 358      | 344      | 11.43  | cps   |
| Gadolinium | 160-2 | 60       | 70       | 100      | 77       | 27.15  | cps   |
| Holmium    | 165-1 | 13536994 | 13386522 | 13526388 | 13483301 | 0.62   | cps   |
| Holmium    | 165-2 | 2581763  | 2586755  | 2543987  | 2570835  | 0.91   | cps   |
| Indium     | 115-1 | 9668508  | 9558256  | 9622479  | 9616414  | 0.58   | cps   |
| Indium     | 115-2 | 342874   | 342030   | 337942   | 340949   | 0.77   | cps   |
| Iron       | 56-2  | 95241    | 94994    | 95349    | 95195    | 0.19   | cps   |
| Iron       | 57-2  | 2806     | 2423     | 2595     | 2608     | 7.36   | cps   |
| Krypton    | 83-1  | 327      | 290      | 320      | 312      | 6.26   | cps   |
| Lead       | 206-1 | 7736     | 8142     | 8309     | 8062     | 3.65   | cps   |
| Lead       | 207-1 | 6324     | 7041     | 6746     | 6704     | 5.38   | cps   |
| Lead       | 208-1 | 30315    | 32005    | 31449    | 31257    | 2.76   | cps   |
| Lithium    | 6-1   | 1548449  | 1573764  | 1572099  | 1564771  | 0.90   | cps   |
| Magnesium  | 24-2  | 17420    | 16644    | 17053    | 17039    | 2.28   | cps   |

|                         |                     |                   |                     |
|-------------------------|---------------------|-------------------|---------------------|
| LB Number :             | LB97237             | Operator :        | Jaswal              |
| Lab Sample ID :         | J4379-21DLX5        | Instrumnet Name : | P8                  |
| Client Sample ID :      | MW-102DDL           | Dilution Factor : | 5                   |
| Date & Time Acquired :: | 2018-08-10 21:31:39 | DataFile Name :   | 148SMPL_P8081018-MS |

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|------------|-------|----------|----------|----------|----------|--------|-------|
| Manganese  | 55-2  | 3854     | 3947     | 3764     | 3855     | 2.38   | cps   |
| Molybdenum | 94-1  | 1425     | 1609     | 1617     | 1550     | 6.99   | cps   |
| Molybdenum | 95-1  | 892      | 842      | 825      | 853      | 4.07   | cps   |
| Molybdenum | 96-1  | 1425     | 1158     | 1325     | 1303     | 10.34  | cps   |
| Molybdenum | 97-1  | 725      | 567      | 525      | 606      | 17.43  | cps   |
| Molybdenum | 98-1  | 1542     | 1525     | 1550     | 1539     | 0.83   | cps   |
| Neodymium  | 150-1 | 500      | 453      | 467      | 473      | 5.08   | cps   |
| Neodymium  | 150-2 | 17       | 53       | 33       | 34       | 53.29  | cps   |
| Nickel     | 60-2  | 250      | 280      | 253      | 261      | 6.30   | cps   |
| Phosphorus | 31-2  | 25       | 17       | 17       | 19       | 24.73  | cps   |
| Potassium  | 39-2  | 14208    | 14917    | 15740    | 14955    | 5.13   | cps   |
| Rhodium    | 103-1 | 8739149  | 8723606  | 8753059  | 8738604  | 0.17   | cps   |
| Rhodium    | 103-2 | 2239843  | 2195669  | 2219628  | 2218380  | 1.00   | cps   |
| Scandium   | 45-1  | 4869152  | 4862539  | 4859686  | 4863792  | 0.10   | cps   |
| Scandium   | 45-2  | 32641    | 32628    | 31819    | 32363    | 1.45   | cps   |
| Selenium   | 77-2  | 0        | 3        | 0        | 1        | 173.21 | cps   |
| Selenium   | 78-2  | 2        | 4        | 2        | 2        | 43.30  | cps   |
| Selenium   | 82-1  | 13       | 100      | 26       | 46       | 101.99 | cps   |
| Silicon    | 28-1  | 5489674  | 5539830  | 5618716  | 5549407  | 1.17   | cps   |
| Silver     | 109-1 | 250      | 333      | 208      | 264      | 24.12  | cps   |
| Silver     | 107-1 | 450      | 350      | 333      | 378      | 16.70  | cps   |
| Sodium     | 23-2  | 3754842  | 3708271  | 3739415  | 3734176  | 0.64   | cps   |
| Strontium  | 86-1  | 78819    | 79398    | 78040    | 78752    | 0.87   | cps   |
| Strontium  | 88-1  | 685929   | 685986   | 686538   | 686151   | 0.05   | cps   |
| Sulfur     | 34-1  | 452268   | 450855   | 450758   | 451294   | 0.19   | cps   |
| Terbium    | 159-1 | 13639086 | 13734286 | 13760628 | 13711334 | 0.47   | cps   |
| Terbium    | 159-2 | 2472744  | 2436515  | 2412577  | 2440612  | 1.24   | cps   |
| Thallium   | 203-1 | 158      | 192      | 233      | 194      | 19.33  | cps   |
| Thallium   | 205-1 | 375      | 450      | 433      | 419      | 9.39   | cps   |
| Tin        | 118-1 | 3984     | 3834     | 4051     | 3956     | 2.81   | cps   |
| Titanium   | 47-1  | 3976     | 4968     | 4167     | 4370     | 12.04  | cps   |
| Uranium    | 238-1 | 3126     | 3259     | 3342     | 3242     | 3.37   | cps   |
| Vanadium   | 51-2  | 353      | 357      | 403      | 371      | 7.53   | cps   |
| Yttrium    | 89-1  | 9486921  | 9364189  | 9424035  | 9425048  | 0.65   | cps   |
| Yttrium    | 89-2  | 245830   | 244431   | 241762   | 244008   | 0.85   | cps   |
| Zinc       | 66-2  | 1273     | 1240     | 1097     | 1203     | 7.80   | cps   |

|                         |                     |                   |                     |
|-------------------------|---------------------|-------------------|---------------------|
| LB Number :             | LB97237             | Operator :        | Jaswal              |
| Lab Sample ID :         | J4379-21DLX5        | Instrumnet Name : | P8                  |
| Client Sample ID :      | MW-102DDL           | Dilution Factor : | 5                   |
| Date & Time Acquired :: | 2018-08-10 21:31:39 | DataFile Name :   | 148SMPL_P8081018-MS |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|-----------|------|------|------|------|---------|--------|-------|
| Zirconium | 90-1 | 2642 | 3589 | 2701 | 2977    | 17.82  | cps   |
| Zirconium | 91-1 | 575  | 558  | 575  | 569     | 1.69   | cps   |

|                         |                     |                   |                     |
|-------------------------|---------------------|-------------------|---------------------|
| LB Number :             | LB97237             | Operator :        | Jaswal              |
| Lab Sample ID :         | J4379-22DLX5        | Instrumnet Name : | P8                  |
| Client Sample ID :      | MW-101SDL           | Dilution Factor : | 5                   |
| Date & Time Acquired :: | 2018-08-10 21:35:00 | DataFile Name :   | 149SMPL_P8081018-MS |

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|------------|-------|----------|----------|----------|----------|--------|-------|
| Aluminium  | 27-2  | 418      | 413      | 448      | 426      | 4.45   | cps   |
| Antimony   | 121-1 | 4384     | 4443     | 4001     | 4276     | 5.61   | cps   |
| Arsenic    | 75-2  | 28       | 37       | 24       | 30       | 22.54  | cps   |
| Barium     | 135-1 | 52731    | 51208    | 52321    | 52087    | 1.51   | cps   |
| Barium     | 137-1 | 91842    | 92497    | 92472    | 92270    | 0.40   | cps   |
| Beryllium  | 9-1   | 144      | 194      | 117      | 152      | 25.96  | cps   |
| Bismuth    | 209-1 | 9028528  | 9308581  | 9360257  | 9232455  | 1.93   | cps   |
| Bismuth    | 209-2 | 2151007  | 2123786  | 2149211  | 2141335  | 0.71   | cps   |
| Boron      | 10-1  | 10237    | 10162    | 10813    | 10404    | 3.42   | cps   |
| Boron      | 11-1  | 49796    | 52388    | 53292    | 51825    | 3.50   | cps   |
| Cadmium    | 111-1 | 1554     | 1630     | 1477     | 1554     | 4.94   | cps   |
| Cadmium    | 106-1 | 2109     | 2209     | 2025     | 2114     | 4.34   | cps   |
| Cadmium    | 108-1 | 8        | 17       | 17       | 14       | 34.67  | cps   |
| Calcium    | 43-1  | 313711   | 312071   | 314037   | 313273   | 0.34   | cps   |
| Calcium    | 44-1  | 5208468  | 5132739  | 5141376  | 5160861  | 0.80   | cps   |
| Chromium   | 52-2  | 683      | 663      | 700      | 682      | 2.69   | cps   |
| Cobalt     | 59-2  | 1297     | 1110     | 1207     | 1205     | 7.75   | cps   |
| Copper     | 63-2  | 4201     | 4347     | 4507     | 4352     | 3.53   | cps   |
| Dysprosium | 156-1 | 325      | 275      | 217      | 272      | 19.92  | cps   |
| Dysprosium | 156-2 | 33       | 50       | 43       | 42       | 19.87  | cps   |
| Erbium     | 164-1 | 317      | 242      | 192      | 250      | 25.17  | cps   |
| Erbium     | 164-2 | 60       | 77       | 40       | 59       | 31.18  | cps   |
| Gadolinium | 160-1 | 342      | 283      | 250      | 292      | 15.91  | cps   |
| Gadolinium | 160-2 | 73       | 47       | 67       | 62       | 22.30  | cps   |
| Holmium    | 165-1 | 13207562 | 13604411 | 13494313 | 13435429 | 1.52   | cps   |
| Holmium    | 165-2 | 2573843  | 2503240  | 2581577  | 2552887  | 1.69   | cps   |
| Indium     | 115-1 | 9453865  | 9773332  | 9779812  | 9669003  | 1.93   | cps   |
| Indium     | 115-2 | 337645   | 335907   | 339338   | 337630   | 0.51   | cps   |
| Iron       | 56-2  | 69205    | 69322    | 69535    | 69354    | 0.24   | cps   |
| Iron       | 57-2  | 1828     | 1822     | 1784     | 1811     | 1.34   | cps   |
| Krypton    | 83-1  | 290      | 317      | 343      | 317      | 8.42   | cps   |
| Lead       | 206-1 | 26094    | 25676    | 25771    | 25847    | 0.85   | cps   |
| Lead       | 207-1 | 21647    | 21686    | 21402    | 21578    | 0.71   | cps   |
| Lead       | 208-1 | 101204   | 101339   | 100140   | 100894   | 0.65   | cps   |
| Lithium    | 6-1   | 1557466  | 1563580  | 1593349  | 1571465  | 1.22   | cps   |
| Magnesium  | 24-2  | 103333   | 101501   | 102250   | 102361   | 0.90   | cps   |

|                         |                     |                   |                     |
|-------------------------|---------------------|-------------------|---------------------|
| LB Number :             | LB97237             | Operator :        | Jaswal              |
| Lab Sample ID :         | J4379-22DLX5        | Instrumnet Name : | P8                  |
| Client Sample ID :      | MW-101SDL           | Dilution Factor : | 5                   |
| Date & Time Acquired :: | 2018-08-10 21:35:00 | DataFile Name :   | 149SMPL_P8081018-MS |

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|------------|-------|----------|----------|----------|----------|--------|-------|
| Manganese  | 55-2  | 6005     | 6145     | 6205     | 6118     | 1.68   | cps   |
| Molybdenum | 94-1  | 1150     | 1233     | 975      | 1120     | 11.78  | cps   |
| Molybdenum | 95-1  | 917      | 1092     | 1175     | 1061     | 12.43  | cps   |
| Molybdenum | 96-1  | 1500     | 1142     | 1350     | 1331     | 13.53  | cps   |
| Molybdenum | 97-1  | 575      | 658      | 600      | 611      | 7.00   | cps   |
| Molybdenum | 98-1  | 1517     | 1525     | 1800     | 1614     | 9.99   | cps   |
| Neodymium  | 150-1 | 300      | 287      | 327      | 304      | 6.69   | cps   |
| Neodymium  | 150-2 | 40       | 47       | 57       | 48       | 17.56  | cps   |
| Nickel     | 60-2  | 403      | 513      | 507      | 474      | 13.00  | cps   |
| Phosphorus | 31-2  | 0        | 0        | 8        | 3        | 173.21 | cps   |
| Potassium  | 39-2  | 12114    | 12089    | 12473    | 12225    | 1.76   | cps   |
| Rhodium    | 103-1 | 8555741  | 8888347  | 8851816  | 8765301  | 2.08   | cps   |
| Rhodium    | 103-2 | 2198252  | 2189319  | 2185472  | 2191014  | 0.30   | cps   |
| Scandium   | 45-1  | 4735612  | 4914411  | 4905621  | 4851881  | 2.08   | cps   |
| Scandium   | 45-2  | 31372    | 31729    | 31412    | 31504    | 0.62   | cps   |
| Selenium   | 77-2  | 0        | 3        | 3        | 2        | 86.60  | cps   |
| Selenium   | 78-2  | 4        | 6        | 4        | 4        | 24.86  | cps   |
| Selenium   | 82-1  | 59       | 48       | 28       | 45       | 34.85  | cps   |
| Silicon    | 28-1  | 8663089  | 8625905  | 10303723 | 9197572  | 10.42  | cps   |
| Silver     | 109-1 | 200      | 267      | 267      | 244      | 15.75  | cps   |
| Silver     | 107-1 | 350      | 325      | 342      | 339      | 3.76   | cps   |
| Sodium     | 23-2  | 1482737  | 1500539  | 1509800  | 1497692  | 0.92   | cps   |
| Strontium  | 86-1  | 135768   | 135348   | 135575   | 135564   | 0.16   | cps   |
| Strontium  | 88-1  | 1184772  | 1188742  | 1188059  | 1187191  | 0.18   | cps   |
| Sulfur     | 34-1  | 417147   | 418958   | 416836   | 417647   | 0.27   | cps   |
| Terbium    | 159-1 | 13379915 | 13786039 | 13790048 | 13652001 | 1.73   | cps   |
| Terbium    | 159-2 | 2391416  | 2384022  | 2422673  | 2399370  | 0.86   | cps   |
| Thallium   | 203-1 | 267      | 217      | 250      | 244      | 10.41  | cps   |
| Thallium   | 205-1 | 600      | 508      | 750      | 619      | 19.70  | cps   |
| Tin        | 118-1 | 3792     | 3576     | 3726     | 3698     | 3.00   | cps   |
| Titanium   | 47-1  | 3709     | 3868     | 3842     | 3806     | 2.24   | cps   |
| Uranium    | 238-1 | 5001     | 4559     | 5285     | 4948     | 7.39   | cps   |
| Vanadium   | 51-2  | 247      | 263      | 253      | 254      | 3.30   | cps   |
| Yttrium    | 89-1  | 9255301  | 9468673  | 9514385  | 9412786  | 1.47   | cps   |
| Yttrium    | 89-2  | 238442   | 236729   | 240422   | 238531   | 0.77   | cps   |
| Zinc       | 66-2  | 1690     | 1680     | 1643     | 1671     | 1.47   | cps   |

|                         |                     |                   |                     |
|-------------------------|---------------------|-------------------|---------------------|
| LB Number :             | LB97237             | Operator :        | Jaswal              |
| Lab Sample ID :         | J4379-22DLX5        | Instrumnet Name : | P8                  |
| Client Sample ID :      | MW-101SDL           | Dilution Factor : | 5                   |
| Date & Time Acquired :: | 2018-08-10 21:35:00 | DataFile Name :   | 149SMPL_P8081018-MS |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|-----------|------|------|------|------|---------|--------|-------|
| Zirconium | 90-1 | 2894 | 1800 | 1567 | 2087    | 33.96  | cps   |
| Zirconium | 91-1 | 342  | 358  | 317  | 339     | 6.19   | cps   |



|                         |                     |                   |                     |
|-------------------------|---------------------|-------------------|---------------------|
| LB Number :             | LB97237             | Operator :        | Jaswal              |
| Lab Sample ID :         | J4379-23DLX5        | Instrumnet Name : | P8                  |
| Client Sample ID :      | MW-101IDL           | Dilution Factor : | 5                   |
| Date & Time Acquired :: | 2018-08-10 21:38:20 | DataFile Name :   | 150SMPL_P8081018-MS |

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|------------|-------|----------|----------|----------|----------|--------|-------|
| Aluminium  | 27-2  | 255      | 220      | 260      | 245      | 8.90   | cps   |
| Antimony   | 121-1 | 2092     | 2442     | 2225     | 2253     | 7.84   | cps   |
| Arsenic    | 75-2  | 19       | 31       | 19       | 23       | 32.76  | cps   |
| Barium     | 135-1 | 40814    | 40597    | 40538    | 40650    | 0.36   | cps   |
| Barium     | 137-1 | 71452    | 73144    | 73186    | 72594    | 1.36   | cps   |
| Beryllium  | 9-1   | 139      | 172      | 139      | 150      | 12.83  | cps   |
| Bismuth    | 209-1 | 9167222  | 9241499  | 9312745  | 9240489  | 0.79   | cps   |
| Bismuth    | 209-2 | 2117947  | 2114644  | 1919561  | 2050717  | 5.54   | cps   |
| Boron      | 10-1  | 8653     | 8486     | 8161     | 8433     | 2.97   | cps   |
| Boron      | 11-1  | 40006    | 40868    | 41285    | 40720    | 1.60   | cps   |
| Cadmium    | 111-1 | 1310     | 1405     | 1217     | 1310     | 7.17   | cps   |
| Cadmium    | 106-1 | 1850     | 2000     | 1717     | 1856     | 7.64   | cps   |
| Cadmium    | 108-1 | 21       | 29       | 8        | 19       | 53.95  | cps   |
| Calcium    | 43-1  | 181095   | 182935   | 185442   | 183157   | 1.19   | cps   |
| Calcium    | 44-1  | 3075230  | 3066313  | 3041387  | 3060977  | 0.57   | cps   |
| Chromium   | 52-2  | 760      | 840      | 700      | 767      | 9.16   | cps   |
| Cobalt     | 59-2  | 87       | 90       | 90       | 89       | 2.16   | cps   |
| Copper     | 63-2  | 2464     | 2447     | 2384     | 2431     | 1.74   | cps   |
| Dysprosium | 156-1 | 167      | 108      | 83       | 119      | 35.80  | cps   |
| Dysprosium | 156-2 | 20       | 23       | 27       | 23       | 14.29  | cps   |
| Erbium     | 164-1 | 150      | 175      | 150      | 158      | 9.12   | cps   |
| Erbium     | 164-2 | 20       | 40       | 33       | 31       | 32.73  | cps   |
| Gadolinium | 160-1 | 125      | 117      | 175      | 139      | 22.72  | cps   |
| Gadolinium | 160-2 | 33       | 23       | 37       | 31       | 22.31  | cps   |
| Holmium    | 165-1 | 13355836 | 13736065 | 13680612 | 13590838 | 1.51   | cps   |
| Holmium    | 165-2 | 2561684  | 2555097  | 2306713  | 2474498  | 5.87   | cps   |
| Indium     | 115-1 | 9675863  | 9721161  | 9997324  | 9798116  | 1.78   | cps   |
| Indium     | 115-2 | 342808   | 341781   | 309936   | 331508   | 5.64   | cps   |
| Iron       | 56-2  | 54518    | 54535    | 53882    | 54312    | 0.69   | cps   |
| Iron       | 57-2  | 1378     | 1522     | 1383     | 1428     | 5.73   | cps   |
| Krypton    | 83-1  | 317      | 353      | 273      | 314      | 12.74  | cps   |
| Lead       | 206-1 | 10955    | 11500    | 11344    | 11266    | 2.49   | cps   |
| Lead       | 207-1 | 9220     | 9804     | 9671     | 9565     | 3.20   | cps   |
| Lead       | 208-1 | 42852    | 44470    | 44320    | 43881    | 2.04   | cps   |
| Lithium    | 6-1   | 1583853  | 1612117  | 1614216  | 1603395  | 1.06   | cps   |
| Magnesium  | 24-2  | 235654   | 237433   | 237290   | 236792   | 0.42   | cps   |

|                         |                     |                   |                     |
|-------------------------|---------------------|-------------------|---------------------|
| LB Number :             | LB97237             | Operator :        | Jaswal              |
| Lab Sample ID :         | J4379-23DLX5        | Instrumnet Name : | P8                  |
| Client Sample ID :      | MW-101IDL           | Dilution Factor : | 5                   |
| Date & Time Acquired :: | 2018-08-10 21:38:20 | DataFile Name :   | 150SMPL_P8081018-MS |

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|------------|-------|----------|----------|----------|----------|--------|-------|
| Manganese  | 55-2  | 557      | 703      | 720      | 660      | 13.62  | cps   |
| Molybdenum | 94-1  | 1067     | 1075     | 992      | 1045     | 4.39   | cps   |
| Molybdenum | 95-1  | 792      | 550      | 825      | 722      | 20.78  | cps   |
| Molybdenum | 96-1  | 958      | 1000     | 925      | 961      | 3.91   | cps   |
| Molybdenum | 97-1  | 517      | 692      | 533      | 581      | 16.64  | cps   |
| Molybdenum | 98-1  | 1208     | 1400     | 1400     | 1336     | 8.28   | cps   |
| Neodymium  | 150-1 | 167      | 93       | 167      | 142      | 29.77  | cps   |
| Neodymium  | 150-2 | 20       | 20       | 10       | 17       | 34.64  | cps   |
| Nickel     | 60-2  | 210      | 247      | 187      | 214      | 14.10  | cps   |
| Phosphorus | 31-2  | 8        | 17       | 0        | 8        | 100.02 | cps   |
| Potassium  | 39-2  | 28363    | 28045    | 29014    | 28474    | 1.73   | cps   |
| Rhodium    | 103-1 | 8745631  | 8867513  | 9022290  | 8878478  | 1.56   | cps   |
| Rhodium    | 103-2 | 2234708  | 2221837  | 2017973  | 2158173  | 5.63   | cps   |
| Scandium   | 45-1  | 4872522  | 4944504  | 5003666  | 4940231  | 1.33   | cps   |
| Scandium   | 45-2  | 32077    | 32324    | 28877    | 31093    | 6.18   | cps   |
| Selenium   | 77-2  | 0        | 0        | 0        | 0        | 0.00   | cps   |
| Selenium   | 78-2  | 2        | 4        | 0        | 2        | 100.00 | cps   |
| Selenium   | 82-1  | -2       | -46      | 72       | 8        | 730.52 | cps   |
| Silicon    | 28-1  | 5573218  | 5571150  | 5519217  | 5554528  | 0.55   | cps   |
| Silver     | 109-1 | 275      | 292      | 283      | 283      | 2.94   | cps   |
| Silver     | 107-1 | 342      | 317      | 367      | 342      | 7.32   | cps   |
| Sodium     | 23-2  | 539625   | 542503   | 539718   | 540615   | 0.30   | cps   |
| Strontium  | 86-1  | 144129   | 143353   | 145526   | 144336   | 0.76   | cps   |
| Strontium  | 88-1  | 1259047  | 1262554  | 1272862  | 1264821  | 0.57   | cps   |
| Sulfur     | 34-1  | 395931   | 395697   | 398871   | 396833   | 0.45   | cps   |
| Terbium    | 159-1 | 13641054 | 14010616 | 14034510 | 13895393 | 1.59   | cps   |
| Terbium    | 159-2 | 2414364  | 2417464  | 2164256  | 2332028  | 6.23   | cps   |
| Thallium   | 203-1 | 75       | 200      | 150      | 142      | 44.41  | cps   |
| Thallium   | 205-1 | 367      | 408      | 392      | 389      | 5.39   | cps   |
| Tin        | 118-1 | 3892     | 3634     | 3584     | 3703     | 4.47   | cps   |
| Titanium   | 47-1  | 2559     | 2525     | 2750     | 2611     | 4.65   | cps   |
| Uranium    | 238-1 | 9587     | 9596     | 9921     | 9701     | 1.96   | cps   |
| Vanadium   | 51-2  | 280      | 323      | 263      | 289      | 10.72  | cps   |
| Yttrium    | 89-1  | 9414500  | 9608819  | 9603873  | 9542397  | 1.16   | cps   |
| Yttrium    | 89-2  | 243217   | 243137   | 219907   | 235420   | 5.71   | cps   |
| Zinc       | 66-2  | 2260     | 1994     | 2027     | 2094     | 6.94   | cps   |

|                         |                     |                   |                     |
|-------------------------|---------------------|-------------------|---------------------|
| LB Number :             | LB97237             | Operator :        | Jaswal              |
| Lab Sample ID :         | J4379-23DLX5        | Instrumnet Name : | P8                  |
| Client Sample ID :      | MW-101IDL           | Dilution Factor : | 5                   |
| Date & Time Acquired :: | 2018-08-10 21:38:20 | DataFile Name :   | 150SMPL_P8081018-MS |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|-----------|------|------|------|------|---------|--------|-------|
| Zirconium | 90-1 | 1450 | 8717 | 1550 | 3906    | 106.69 | cps   |
| Zirconium | 91-1 | 283  | 250  | 400  | 311     | 25.32  | cps   |

|                         |                     |                   |                      |
|-------------------------|---------------------|-------------------|----------------------|
| LB Number :             | LB97237             | Operator :        | Jaswal               |
| Lab Sample ID :         | CCV02               | Instrumnet Name : | P8                   |
| Client Sample ID :      | CCV02               | Dilution Factor : | 1                    |
| Date & Time Acquired :: | 2018-08-10 21:41:41 | DataFile Name :   | 151CCV_P8081018-MS.I |

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|------------|-------|----------|----------|----------|----------|--------|-------|
| Aluminium  | 27-2  | 262488   | 263023   | 260470   | 261994   | 0.51   | cps   |
| Antimony   | 121-1 | 4450901  | 4460704  | 4599602  | 4503736  | 1.85   | cps   |
| Arsenic    | 75-2  | 39135    | 39432    | 39183    | 39250    | 0.41   | cps   |
| Barium     | 135-1 | 4999475  | 4981712  | 5015607  | 4998931  | 0.34   | cps   |
| Barium     | 137-1 | 8646598  | 8699775  | 8853834  | 8733402  | 1.23   | cps   |
| Beryllium  | 9-1   | 526264   | 528268   | 532558   | 529030   | 0.61   | cps   |
| Bismuth    | 209-1 | 8389043  | 8807710  | 8840468  | 8679074  | 2.90   | cps   |
| Bismuth    | 209-2 | 2102794  | 2116895  | 2095250  | 2104979  | 0.52   | cps   |
| Boron      | 10-1  | 61642    | 61792    | 64814    | 62749    | 2.85   | cps   |
| Boron      | 11-1  | 292341   | 295438   | 305918   | 297899   | 2.39   | cps   |
| Cadmium    | 111-1 | 932981   | 941687   | 940210   | 938293   | 0.50   | cps   |
| Cadmium    | 106-1 | 101918   | 102279   | 102219   | 102139   | 0.19   | cps   |
| Cadmium    | 108-1 | 67849    | 67493    | 68854    | 68065    | 1.04   | cps   |
| Calcium    | 43-1  | 4557049  | 4513634  | 4569777  | 4546820  | 0.65   | cps   |
| Calcium    | 44-1  | 73819991 | 73720497 | 74725273 | 74088587 | 0.75   | cps   |
| Chromium   | 52-2  | 354217   | 353920   | 352743   | 353627   | 0.22   | cps   |
| Cobalt     | 59-2  | 751936   | 747584   | 749588   | 749703   | 0.29   | cps   |
| Copper     | 63-2  | 1262600  | 1264798  | 1265267  | 1264221  | 0.11   | cps   |
| Dysprosium | 156-1 | 75       | 67       | 58       | 67       | 12.49  | cps   |
| Dysprosium | 156-2 | 3        | 7        | 13       | 8        | 65.47  | cps   |
| Erbium     | 164-1 | 50       | 42       | 25       | 39       | 32.73  | cps   |
| Erbium     | 164-2 | 7        | 3        | 23       | 11       | 96.43  | cps   |
| Gadolinium | 160-1 | 150      | 108      | 150      | 136      | 17.67  | cps   |
| Gadolinium | 160-2 | 27       | 20       | 27       | 24       | 15.75  | cps   |
| Holmium    | 165-1 | 13258176 | 13639860 | 13811048 | 13569695 | 2.09   | cps   |
| Holmium    | 165-2 | 2668796  | 2699963  | 2688023  | 2685594  | 0.59   | cps   |
| Indium     | 115-1 | 9224847  | 9680397  | 9635172  | 9513472  | 2.64   | cps   |
| Indium     | 115-2 | 349225   | 351992   | 350997   | 350738   | 0.40   | cps   |
| Iron       | 56-2  | 58000043 | 57702092 | 57880957 | 57861030 | 0.26   | cps   |
| Iron       | 57-2  | 1472564  | 1465258  | 1482717  | 1473513  | 0.60   | cps   |
| Krypton    | 83-1  | 327      | 277      | 323      | 309      | 9.05   | cps   |
| Lead       | 206-1 | 3360694  | 3408915  | 3466293  | 3411967  | 1.55   | cps   |
| Lead       | 207-1 | 3100087  | 3110807  | 3120488  | 3110461  | 0.33   | cps   |
| Lead       | 208-1 | 13920262 | 13888267 | 14102668 | 13970399 | 0.83   | cps   |
| Lithium    | 6-1   | 1486677  | 1549911  | 1546694  | 1527761  | 2.33   | cps   |
| Magnesium  | 24-2  | 6130421  | 6174003  | 6214263  | 6172896  | 0.68   | cps   |

|                         |                     |                   |                      |
|-------------------------|---------------------|-------------------|----------------------|
| LB Number :             | LB97237             | Operator :        | Jaswal               |
| Lab Sample ID :         | CCV02               | Instrumnet Name : | P8                   |
| Client Sample ID :      | CCV02               | Dilution Factor : | 1                    |
| Date & Time Acquired :: | 2018-08-10 21:41:41 | DataFile Name :   | 151CCV_P8081018-MS.I |

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|------------|-------|----------|----------|----------|----------|--------|-------|
| Manganese  | 55-2  | 191438   | 189963   | 191736   | 191046   | 0.50   | cps   |
| Molybdenum | 94-1  | 7599718  | 7660347  | 7674319  | 7644794  | 0.52   | cps   |
| Molybdenum | 95-1  | 9319622  | 9424071  | 9500805  | 9414833  | 0.97   | cps   |
| Molybdenum | 96-1  | 10386920 | 10402491 | 10511435 | 10433615 | 0.65   | cps   |
| Molybdenum | 97-1  | 5961934  | 5977639  | 5995080  | 5978217  | 0.28   | cps   |
| Molybdenum | 98-1  | 15243774 | 15254009 | 15344146 | 15280643 | 0.36   | cps   |
| Neodymium  | 150-1 | 280      | 267      | 393      | 313      | 22.21  | cps   |
| Neodymium  | 150-2 | 3        | 7        | 7        | 6        | 34.70  | cps   |
| Nickel     | 60-2  | 221388   | 220219   | 221140   | 220916   | 0.28   | cps   |
| Phosphorus | 31-2  | 3092     | 3034     | 2959     | 3028     | 2.21   | cps   |
| Potassium  | 39-2  | 1552386  | 1556140  | 1539174  | 1549234  | 0.58   | cps   |
| Rhodium    | 103-1 | 8333099  | 8663774  | 8649412  | 8548762  | 2.19   | cps   |
| Rhodium    | 103-2 | 2232966  | 2219691  | 2203314  | 2218657  | 0.67   | cps   |
| Scandium   | 45-1  | 5076004  | 5202033  | 5245929  | 5174655  | 1.70   | cps   |
| Scandium   | 45-2  | 35184    | 35127    | 35846    | 35386    | 1.13   | cps   |
| Selenium   | 77-2  | 267      | 277      | 290      | 278      | 4.22   | cps   |
| Selenium   | 78-2  | 969      | 859      | 865      | 898      | 6.86   | cps   |
| Selenium   | 82-1  | 54676    | 54455    | 55685    | 54939    | 1.19   | cps   |
| Silicon    | 28-1  | 1903382  | 1895394  | 1914549  | 1904442  | 0.51   | cps   |
| Silver     | 109-1 | 4383371  | 4434399  | 4445656  | 4421142  | 0.75   | cps   |
| Silver     | 107-1 | 4663713  | 4665420  | 4710008  | 4679714  | 0.56   | cps   |
| Sodium     | 23-2  | 13819515 | 13786970 | 13841491 | 13815992 | 0.20   | cps   |
| Strontium  | 86-1  | 1140499  | 1140543  | 1153065  | 1144703  | 0.63   | cps   |
| Strontium  | 88-1  | 10126479 | 10096718 | 10074971 | 10099389 | 0.26   | cps   |
| Sulfur     | 34-1  | 578324   | 578600   | 585722   | 580882   | 0.72   | cps   |
| Terbium    | 159-1 | 13474548 | 13967554 | 13913642 | 13785248 | 1.96   | cps   |
| Terbium    | 159-2 | 2525367  | 2527638  | 2527789  | 2526931  | 0.05   | cps   |
| Thallium   | 203-1 | 4192738  | 4144476  | 4283096  | 4206770  | 1.67   | cps   |
| Thallium   | 205-1 | 9848366  | 9856297  | 9996090  | 9900251  | 0.84   | cps   |
| Tin        | 118-1 | 3237085  | 3231435  | 3261351  | 3243290  | 0.49   | cps   |
| Titanium   | 47-1  | 2307746  | 2297499  | 2332612  | 2312619  | 0.78   | cps   |
| Uranium    | 238-1 | 14017356 | 14001241 | 14214061 | 14077552 | 0.84   | cps   |
| Vanadium   | 51-2  | 254575   | 254259   | 254558   | 254464   | 0.07   | cps   |
| Yttrium    | 89-1  | 9417539  | 9854805  | 9821939  | 9698095  | 2.51   | cps   |
| Yttrium    | 89-2  | 260424   | 262599   | 263124   | 262049   | 0.55   | cps   |
| Zinc       | 66-2  | 108067   | 108157   | 109008   | 108411   | 0.48   | cps   |

|                         |                     |                   |                      |
|-------------------------|---------------------|-------------------|----------------------|
| LB Number :             | LB97237             | Operator :        | Jaswal               |
| Lab Sample ID :         | CCV02               | Instrumnet Name : | P8                   |
| Client Sample ID :      | CCV02               | Dilution Factor : | 1                    |
| Date & Time Acquired :: | 2018-08-10 21:41:41 | DataFile Name :   | 151CCV_P8081018-MS.I |

| Parameter | Mass | CPS1    | CPS2    | CPS3    | CPSMean | CPSRSD | Units |
|-----------|------|---------|---------|---------|---------|--------|-------|
| Zirconium | 90-1 | 6265264 | 6388700 | 6368660 | 6340875 | 1.04   | cps   |
| Zirconium | 91-1 | 1420927 | 1435844 | 1452855 | 1436542 | 1.11   | cps   |

|                         |                     |                   |                     |
|-------------------------|---------------------|-------------------|---------------------|
| LB Number :             | LB97237             | Operator :        | Jaswal              |
| Lab Sample ID :         | CCB02               | Instrumnet Name : | P8                  |
| Client Sample ID :      | CCB02               | Dilution Factor : | 1                   |
| Date & Time Acquired :: | 2018-08-10 21:44:53 | DataFile Name :   | 152CCBE_P8081018-M8 |

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|------------|-------|----------|----------|----------|----------|--------|-------|
| Aluminium  | 27-2  | 10       | 0        | 10       | 7        | 86.60  | cps   |
| Antimony   | 121-1 | 9562     | 9012     | 8211     | 8928     | 7.61   | cps   |
| Arsenic    | 75-2  | 6        | 11       | 9        | 9        | 32.69  | cps   |
| Barium     | 135-1 | 133      | 133      | 108      | 125      | 11.55  | cps   |
| Barium     | 137-1 | 175      | 317      | 100      | 197      | 55.79  | cps   |
| Beryllium  | 9-1   | 356      | 411      | 350      | 372      | 9.08   | cps   |
| Bismuth    | 209-1 | 9050008  | 8947514  | 9352216  | 9116580  | 2.31   | cps   |
| Bismuth    | 209-2 | 2171281  | 2158833  | 2196277  | 2175464  | 0.88   | cps   |
| Boron      | 10-1  | 3142     | 2875     | 2792     | 2937     | 6.23   | cps   |
| Boron      | 11-1  | 15693    | 14424    | 13065    | 14394    | 9.13   | cps   |
| Cadmium    | 111-1 | 1540     | 1474     | 1572     | 1529     | 3.25   | cps   |
| Cadmium    | 106-1 | 2084     | 2009     | 2117     | 2070     | 2.68   | cps   |
| Cadmium    | 108-1 | 21       | 33       | 8        | 21       | 60.01  | cps   |
| Calcium    | 43-1  | 600      | 392      | 442      | 478      | 22.76  | cps   |
| Calcium    | 44-1  | 12898    | 13307    | 12740    | 12981    | 2.25   | cps   |
| Chromium   | 52-2  | 323      | 393      | 310      | 342      | 13.08  | cps   |
| Cobalt     | 59-2  | 43       | 43       | 30       | 39       | 19.79  | cps   |
| Copper     | 63-2  | 530      | 627      | 597      | 584      | 8.47   | cps   |
| Dysprosium | 156-1 | 8        | 0        | 25       | 11       | 114.58 | cps   |
| Dysprosium | 156-2 | 0        | 0        | 3        | 1        | 173.21 | cps   |
| Erbium     | 164-1 | 67       | 83       | 75       | 75       | 11.11  | cps   |
| Erbium     | 164-2 | 7        | 3        | 13       | 8        | 65.47  | cps   |
| Gadolinium | 160-1 | 75       | 75       | 100      | 83       | 17.33  | cps   |
| Gadolinium | 160-2 | 7        | 7        | 3        | 6        | 34.70  | cps   |
| Holmium    | 165-1 | 13297904 | 13268998 | 13849160 | 13472020 | 2.43   | cps   |
| Holmium    | 165-2 | 2608604  | 2643627  | 2629775  | 2627335  | 0.67   | cps   |
| Indium     | 115-1 | 9752859  | 9677135  | 10120215 | 9850070  | 2.41   | cps   |
| Indium     | 115-2 | 358035   | 357932   | 358367   | 358112   | 0.06   | cps   |
| Iron       | 56-2  | 2506     | 2311     | 1984     | 2267     | 11.64  | cps   |
| Iron       | 57-2  | 117      | 56       | 50       | 74       | 49.94  | cps   |
| Krypton    | 83-1  | 323      | 273      | 303      | 300      | 8.39   | cps   |
| Lead       | 206-1 | 428      | 433      | 394      | 419      | 5.03   | cps   |
| Lead       | 207-1 | 367      | 400      | 394      | 387      | 4.61   | cps   |
| Lead       | 208-1 | 1700     | 1811     | 1606     | 1706     | 6.03   | cps   |
| Lithium    | 6-1   | 1570376  | 1541213  | 1587108  | 1566232  | 1.48   | cps   |
| Magnesium  | 24-2  | 308      | 350      | 325      | 328      | 6.40   | cps   |

|                         |                     |                   |                     |
|-------------------------|---------------------|-------------------|---------------------|
| LB Number :             | LB97237             | Operator :        | Jaswal              |
| Lab Sample ID :         | CCB02               | Instrumnet Name : | P8                  |
| Client Sample ID :      | CCB02               | Dilution Factor : | 1                   |
| Date & Time Acquired :: | 2018-08-10 21:44:53 | DataFile Name :   | 152CCBE_P8081018-M8 |

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|------------|-------|----------|----------|----------|----------|--------|-------|
| Manganese  | 55-2  | 43       | 33       | 47       | 41       | 16.89  | cps   |
| Molybdenum | 94-1  | 3401     | 2800     | 2925     | 3042     | 10.41  | cps   |
| Molybdenum | 95-1  | 4401     | 3426     | 3125     | 3651     | 18.27  | cps   |
| Molybdenum | 96-1  | 4426     | 3776     | 3692     | 3965     | 10.13  | cps   |
| Molybdenum | 97-1  | 2617     | 2142     | 1867     | 2209     | 17.18  | cps   |
| Molybdenum | 98-1  | 6160     | 5310     | 5068     | 5512     | 10.41  | cps   |
| Neodymium  | 150-1 | 7        | 13       | 20       | 13       | 49.99  | cps   |
| Neodymium  | 150-2 | 0        | 0        | 0        | 0        | 0.00   | cps   |
| Nickel     | 60-2  | 133      | 113      | 107      | 118      | 11.78  | cps   |
| Phosphorus | 31-2  | 17       | 0        | 8        | 8        | 100.02 | cps   |
| Potassium  | 39-2  | 1625     | 1875     | 1750     | 1750     | 7.14   | cps   |
| Rhodium    | 103-1 | 8851723  | 8819034  | 9274683  | 8981813  | 2.83   | cps   |
| Rhodium    | 103-2 | 2300729  | 2289926  | 2271039  | 2287232  | 0.66   | cps   |
| Scandium   | 45-1  | 5072176  | 5014521  | 5288359  | 5125019  | 2.82   | cps   |
| Scandium   | 45-2  | 33985    | 33964    | 33697    | 33882    | 0.47   | cps   |
| Selenium   | 77-2  | 0        | 0        | 0        | 0        | 0.00   | cps   |
| Selenium   | 78-2  | 0        | 2        | 2        | 1        | 86.60  | cps   |
| Selenium   | 82-1  | -20      | 40       | 10       | 10       | 290.96 | cps   |
| Silicon    | 28-1  | 243876   | 239427   | 240547   | 241283   | 0.96   | cps   |
| Silver     | 109-1 | 550      | 325      | 383      | 419      | 27.84  | cps   |
| Silver     | 107-1 | 542      | 425      | 433      | 467      | 13.95  | cps   |
| Sodium     | 23-2  | 9262     | 9554     | 9128     | 9315     | 2.33   | cps   |
| Strontium  | 86-1  | 608      | 383      | 483      | 492      | 22.93  | cps   |
| Strontium  | 88-1  | 475      | 317      | 283      | 358      | 28.58  | cps   |
| Sulfur     | 34-1  | 317075   | 318301   | 317516   | 317631   | 0.20   | cps   |
| Terbium    | 159-1 | 13585805 | 13577092 | 14058639 | 13740512 | 2.01   | cps   |
| Terbium    | 159-2 | 2489535  | 2478040  | 2448699  | 2472091  | 0.85   | cps   |
| Thallium   | 203-1 | 900      | 917      | 933      | 917      | 1.82   | cps   |
| Thallium   | 205-1 | 2550     | 2392     | 2175     | 2373     | 7.94   | cps   |
| Tin        | 118-1 | 3917     | 3309     | 3401     | 3542     | 9.26   | cps   |
| Titanium   | 47-1  | 200      | 200      | 200      | 200      | 0.00   | cps   |
| Uranium    | 238-1 | 500      | 442      | 408      | 450      | 10.31  | cps   |
| Vanadium   | 51-2  | 0        | 7        | 7        | 4        | 86.60  | cps   |
| Yttrium    | 89-1  | 9548722  | 9420173  | 9864021  | 9610972  | 2.38   | cps   |
| Yttrium    | 89-2  | 256851   | 254715   | 254270   | 255279   | 0.54   | cps   |
| Zinc       | 66-2  | 110      | 90       | 93       | 98       | 10.96  | cps   |



|                         |                     |                   |                     |
|-------------------------|---------------------|-------------------|---------------------|
| LB Number :             | LB97237             | Operator :        | Jaswal              |
| Lab Sample ID :         | CCB02               | Instrumnet Name : | P8                  |
| Client Sample ID :      | CCB02               | Dilution Factor : | 1                   |
| Date & Time Acquired :: | 2018-08-10 21:44:53 | DataFile Name :   | 152CCBE_P8081018-MS |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|-----------|------|------|------|------|---------|--------|-------|
| Zirconium | 90-1 | 2825 | 2575 | 2859 | 2753    | 5.63   | cps   |
| Zirconium | 91-1 | 725  | 667  | 517  | 636     | 16.90  | cps   |

|                         |                     |                   |                     |
|-------------------------|---------------------|-------------------|---------------------|
| LB Number :             | LB97237             | Operator :        | Jaswal              |
| Lab Sample ID :         | J4379-24DLX25       | Instrumnet Name : | P8                  |
| Client Sample ID :      | MW-101DDL           | Dilution Factor : | 25                  |
| Date & Time Acquired :: | 2018-08-10 21:48:14 | DataFile Name :   | 153SMPL_P8081018-MS |

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|------------|-------|----------|----------|----------|----------|--------|-------|
| Aluminium  | 27-2  | 253      | 283      | 235      | 257      | 9.36   | cps   |
| Antimony   | 121-1 | 6477     | 6569     | 5543     | 6196     | 9.16   | cps   |
| Arsenic    | 75-2  | 17       | 20       | 26       | 21       | 22.21  | cps   |
| Barium     | 135-1 | 44492    | 44058    | 43874    | 44141    | 0.72   | cps   |
| Barium     | 137-1 | 77016    | 78524    | 78936    | 78159    | 1.29   | cps   |
| Beryllium  | 9-1   | 272      | 289      | 244      | 269      | 8.36   | cps   |
| Bismuth    | 209-1 | 8675136  | 9135094  | 9245685  | 9018638  | 3.36   | cps   |
| Bismuth    | 209-2 | 2125644  | 2127646  | 2113208  | 2122166  | 0.37   | cps   |
| Boron      | 10-1  | 10521    | 10996    | 10596    | 10704    | 2.39   | cps   |
| Boron      | 11-1  | 50950    | 50983    | 52405    | 51446    | 1.61   | cps   |
| Cadmium    | 111-1 | 1224     | 1604     | 1409     | 1412     | 13.46  | cps   |
| Cadmium    | 106-1 | 1642     | 2217     | 1859     | 1906     | 15.24  | cps   |
| Cadmium    | 108-1 | 13       | 21       | 13       | 15       | 31.48  | cps   |
| Calcium    | 43-1  | 214913   | 212069   | 213879   | 213620   | 0.67   | cps   |
| Calcium    | 44-1  | 3543842  | 3565595  | 3555592  | 3555010  | 0.31   | cps   |
| Chromium   | 52-2  | 793      | 767      | 750      | 770      | 2.84   | cps   |
| Cobalt     | 59-2  | 230      | 193      | 190      | 204      | 10.86  | cps   |
| Copper     | 63-2  | 2117     | 2097     | 2174     | 2129     | 1.87   | cps   |
| Dysprosium | 156-1 | 133      | 275      | 75       | 161      | 63.84  | cps   |
| Dysprosium | 156-2 | 27       | 10       | 17       | 18       | 47.19  | cps   |
| Erbium     | 164-1 | 167      | 142      | 167      | 158      | 9.11   | cps   |
| Erbium     | 164-2 | 20       | 7        | 20       | 16       | 49.47  | cps   |
| Gadolinium | 160-1 | 275      | 175      | 183      | 211      | 26.28  | cps   |
| Gadolinium | 160-2 | 33       | 27       | 23       | 28       | 18.33  | cps   |
| Holmium    | 165-1 | 12784436 | 13391813 | 13706037 | 13294096 | 3.52   | cps   |
| Holmium    | 165-2 | 2523996  | 2540459  | 2570937  | 2545131  | 0.94   | cps   |
| Indium     | 115-1 | 9258281  | 9659514  | 9839801  | 9585865  | 3.11   | cps   |
| Indium     | 115-2 | 338026   | 339035   | 344746   | 340602   | 1.06   | cps   |
| Iron       | 56-2  | 45592    | 46455    | 44767    | 45605    | 1.85   | cps   |
| Iron       | 57-2  | 1133     | 1250     | 1106     | 1163     | 6.59   | cps   |
| Krypton    | 83-1  | 343      | 297      | 347      | 329      | 8.50   | cps   |
| Lead       | 206-1 | 8370     | 8103     | 8753     | 8409     | 3.89   | cps   |
| Lead       | 207-1 | 6963     | 6841     | 6824     | 6876     | 1.10   | cps   |
| Lead       | 208-1 | 32323    | 32312    | 32300    | 32311    | 0.03   | cps   |
| Lithium    | 6-1   | 1460012  | 1550427  | 1538277  | 1516239  | 3.24   | cps   |
| Magnesium  | 24-2  | 241330   | 240078   | 242042   | 241150   | 0.41   | cps   |

|                         |                     |                   |                     |
|-------------------------|---------------------|-------------------|---------------------|
| LB Number :             | LB97237             | Operator :        | Jaswal              |
| Lab Sample ID :         | J4379-24DLX25       | Instrumnet Name : | P8                  |
| Client Sample ID :      | MW-101DDL           | Dilution Factor : | 25                  |
| Date & Time Acquired :: | 2018-08-10 21:48:14 | DataFile Name :   | 153SMPL_P8081018-MS |

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|------------|-------|----------|----------|----------|----------|--------|-------|
| Manganese  | 55-2  | 823      | 820      | 937      | 860      | 7.72   | cps   |
| Molybdenum | 94-1  | 2275     | 2200     | 1967     | 2147     | 7.49   | cps   |
| Molybdenum | 95-1  | 1483     | 1375     | 1225     | 1361     | 9.53   | cps   |
| Molybdenum | 96-1  | 1667     | 1550     | 1700     | 1639     | 4.81   | cps   |
| Molybdenum | 97-1  | 850      | 783      | 800      | 811      | 4.28   | cps   |
| Molybdenum | 98-1  | 2267     | 2075     | 2009     | 2117     | 6.34   | cps   |
| Neodymium  | 150-1 | 173      | 267      | 220      | 220      | 21.21  | cps   |
| Neodymium  | 150-2 | 50       | 27       | 23       | 33       | 43.59  | cps   |
| Nickel     | 60-2  | 260      | 207      | 237      | 234      | 11.41  | cps   |
| Phosphorus | 31-2  | 8        | 8        | 17       | 11       | 43.34  | cps   |
| Potassium  | 39-2  | 53478    | 52440    | 52608    | 52842    | 1.05   | cps   |
| Rhodium    | 103-1 | 8273678  | 8846699  | 8810024  | 8643467  | 3.71   | cps   |
| Rhodium    | 103-2 | 2218910  | 2196461  | 2212041  | 2209138  | 0.52   | cps   |
| Scandium   | 45-1  | 4678753  | 4945461  | 5060838  | 4895017  | 4.00   | cps   |
| Scandium   | 45-2  | 32157    | 31966    | 32421    | 32181    | 0.71   | cps   |
| Selenium   | 77-2  | 0        | 3        | 0        | 1        | 173.21 | cps   |
| Selenium   | 78-2  | 2        | 0        | 0        | 1        | 173.21 | cps   |
| Selenium   | 82-1  | -14      | 70       | -3       | 18       | 259.23 | cps   |
| Silicon    | 28-1  | 5626730  | 5620838  | 5579571  | 5609047  | 0.46   | cps   |
| Silver     | 109-1 | 1000     | 700      | 992      | 897      | 19.04  | cps   |
| Silver     | 107-1 | 1000     | 1108     | 842      | 983      | 13.64  | cps   |
| Sodium     | 23-2  | 3420743  | 3384252  | 3397165  | 3400720  | 0.54   | cps   |
| Strontium  | 86-1  | 340392   | 340243   | 338433   | 339690   | 0.32   | cps   |
| Strontium  | 88-1  | 3049276  | 3070905  | 3028391  | 3049524  | 0.70   | cps   |
| Sulfur     | 34-1  | 506550   | 505708   | 501894   | 504717   | 0.49   | cps   |
| Terbium    | 159-1 | 13108759 | 13727476 | 13899189 | 13578475 | 3.06   | cps   |
| Terbium    | 159-2 | 2401329  | 2393095  | 2429572  | 2407999  | 0.79   | cps   |
| Thallium   | 203-1 | 1250     | 1133     | 908      | 1097     | 15.83  | cps   |
| Thallium   | 205-1 | 2859     | 2800     | 2500     | 2720     | 7.07   | cps   |
| Tin        | 118-1 | 4559     | 4451     | 4776     | 4595     | 3.60   | cps   |
| Titanium   | 47-1  | 2359     | 2250     | 2284     | 2298     | 2.42   | cps   |
| Uranium    | 238-1 | 3442     | 3626     | 3784     | 3617     | 4.73   | cps   |
| Vanadium   | 51-2  | 167      | 230      | 227      | 208      | 17.16  | cps   |
| Yttrium    | 89-1  | 9001910  | 9534985  | 9576999  | 9371298  | 3.42   | cps   |
| Yttrium    | 89-2  | 242698   | 244737   | 247151   | 244862   | 0.91   | cps   |
| Zinc       | 66-2  | 1997     | 2077     | 1867     | 1980     | 5.35   | cps   |

|                         |                     |                   |                     |
|-------------------------|---------------------|-------------------|---------------------|
| LB Number :             | LB97237             | Operator :        | Jaswal              |
| Lab Sample ID :         | J4379-24DLX25       | Instrumnet Name : | P8                  |
| Client Sample ID :      | MW-101DDL           | Dilution Factor : | 25                  |
| Date & Time Acquired :: | 2018-08-10 21:48:14 | DataFile Name :   | 153SMPL_P8081018-MS |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|-----------|------|------|------|------|---------|--------|-------|
| Zirconium | 90-1 | 3834 | 3626 | 3284 | 3581    | 7.76   | cps   |
| Zirconium | 91-1 | 817  | 917  | 1084 | 939     | 14.36  | cps   |

|                         |                     |                   |                     |
|-------------------------|---------------------|-------------------|---------------------|
| LB Number :             | LB97237             | Operator :        | Jaswal              |
| Lab Sample ID :         | J4379-25DLX25       | Instrumnet Name : | P8                  |
| Client Sample ID :      | MW-103DDL           | Dilution Factor : | 25                  |
| Date & Time Acquired :: | 2018-08-10 21:51:34 | DataFile Name :   | 154SMPL_P8081018-MS |

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|------------|-------|----------|----------|----------|----------|--------|-------|
| Aluminium  | 27-2  | 35       | 40       | 43       | 39       | 9.75   | cps   |
| Antimony   | 121-1 | 2842     | 2984     | 2917     | 2914     | 2.43   | cps   |
| Arsenic    | 75-2  | 44       | 43       | 35       | 41       | 12.01  | cps   |
| Barium     | 135-1 | 19582    | 20325    | 20517    | 20141    | 2.45   | cps   |
| Barium     | 137-1 | 35415    | 35423    | 35332    | 35390    | 0.14   | cps   |
| Beryllium  | 9-1   | 211      | 217      | 167      | 198      | 13.83  | cps   |
| Bismuth    | 209-1 | 8953325  | 9432749  | 9257798  | 9214624  | 2.63   | cps   |
| Bismuth    | 209-2 | 2092685  | 2124041  | 2093303  | 2103343  | 0.85   | cps   |
| Boron      | 10-1  | 12456    | 13040    | 12765    | 12753    | 2.29   | cps   |
| Boron      | 11-1  | 60303    | 60888    | 60286    | 60492    | 0.57   | cps   |
| Cadmium    | 111-1 | 1316     | 1421     | 1346     | 1361     | 3.98   | cps   |
| Cadmium    | 106-1 | 1850     | 1992     | 1884     | 1909     | 3.88   | cps   |
| Cadmium    | 108-1 | 29       | 21       | 21       | 24       | 20.39  | cps   |
| Calcium    | 43-1  | 25224    | 25006    | 24956    | 25062    | 0.57   | cps   |
| Calcium    | 44-1  | 414156   | 413606   | 407607   | 411789   | 0.88   | cps   |
| Chromium   | 52-2  | 303      | 363      | 327      | 331      | 9.14   | cps   |
| Cobalt     | 59-2  | 193      | 227      | 220      | 213      | 8.27   | cps   |
| Copper     | 63-2  | 2374     | 2237     | 2360     | 2324     | 3.24   | cps   |
| Dysprosium | 156-1 | 33       | 17       | 25       | 25       | 33.32  | cps   |
| Dysprosium | 156-2 | 0        | 0        | 13       | 4        | 173.21 | cps   |
| Erbium     | 164-1 | 58       | 33       | 33       | 42       | 34.65  | cps   |
| Erbium     | 164-2 | 13       | 7        | 17       | 12       | 41.65  | cps   |
| Gadolinium | 160-1 | 58       | 58       | 25       | 47       | 40.76  | cps   |
| Gadolinium | 160-2 | 7        | 7        | 7        | 7        | 0.00   | cps   |
| Holmium    | 165-1 | 12941742 | 13661125 | 13559638 | 13387502 | 2.91   | cps   |
| Holmium    | 165-2 | 2529622  | 2526181  | 2507063  | 2520955  | 0.48   | cps   |
| Indium     | 115-1 | 9228214  | 9682757  | 9813440  | 9574804  | 3.21   | cps   |
| Indium     | 115-2 | 331904   | 334893   | 332574   | 333124   | 0.47   | cps   |
| Iron       | 56-2  | 26982    | 25780    | 27500    | 26754    | 3.30   | cps   |
| Iron       | 57-2  | 711      | 672      | 722      | 702      | 3.74   | cps   |
| Krypton    | 83-1  | 297      | 303      | 273      | 291      | 5.41   | cps   |
| Lead       | 206-1 | 3845     | 3906     | 4106     | 3953     | 3.46   | cps   |
| Lead       | 207-1 | 3151     | 3723     | 3462     | 3445     | 8.32   | cps   |
| Lead       | 208-1 | 15360    | 16121    | 15665    | 15715    | 2.44   | cps   |
| Lithium    | 6-1   | 1479108  | 1572418  | 1572029  | 1541185  | 3.49   | cps   |
| Magnesium  | 24-2  | 35002    | 35144    | 35103    | 35083    | 0.21   | cps   |

|                         |                     |                   |                     |
|-------------------------|---------------------|-------------------|---------------------|
| LB Number :             | LB97237             | Operator :        | Jaswal              |
| Lab Sample ID :         | J4379-25DLX25       | Instrumnet Name : | P8                  |
| Client Sample ID :      | MW-103DDL           | Dilution Factor : | 25                  |
| Date & Time Acquired :: | 2018-08-10 21:51:34 | DataFile Name :   | 154SMPL_P8081018-MS |

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|------------|-------|----------|----------|----------|----------|--------|-------|
| Manganese  | 55-2  | 7822     | 7679     | 7716     | 7739     | 0.96   | cps   |
| Molybdenum | 94-1  | 4359     | 4184     | 3626     | 4056     | 9.45   | cps   |
| Molybdenum | 95-1  | 4876     | 4534     | 4801     | 4737     | 3.79   | cps   |
| Molybdenum | 96-1  | 5468     | 4926     | 5268     | 5221     | 5.25   | cps   |
| Molybdenum | 97-1  | 3176     | 3100     | 3117     | 3131     | 1.26   | cps   |
| Molybdenum | 98-1  | 7144     | 7803     | 7569     | 7505     | 4.45   | cps   |
| Neodymium  | 150-1 | 93       | 67       | 100      | 87       | 20.35  | cps   |
| Neodymium  | 150-2 | 27       | 7        | 3        | 12       | 103.26 | cps   |
| Nickel     | 60-2  | 270      | 213      | 273      | 252      | 13.37  | cps   |
| Phosphorus | 31-2  | 0        | 8        | 25       | 11       | 114.58 | cps   |
| Potassium  | 39-2  | 46838    | 44580    | 44539    | 45319    | 2.90   | cps   |
| Rhodium    | 103-1 | 8421551  | 8836200  | 8860610  | 8706120  | 2.83   | cps   |
| Rhodium    | 103-2 | 2151781  | 2169879  | 2168657  | 2163439  | 0.47   | cps   |
| Scandium   | 45-1  | 4748118  | 4971185  | 4956180  | 4891828  | 2.55   | cps   |
| Scandium   | 45-2  | 30797    | 30841    | 30994    | 30877    | 0.34   | cps   |
| Selenium   | 77-2  | 0        | 0        | 3        | 1        | 173.21 | cps   |
| Selenium   | 78-2  | 6        | 0        | 0        | 2        | 173.21 | cps   |
| Selenium   | 82-1  | 22       | 28       | 70       | 40       | 66.03  | cps   |
| Silicon    | 28-1  | 3371151  | 3394137  | 3316777  | 3360688  | 1.18   | cps   |
| Silver     | 109-1 | 525      | 533      | 500      | 519      | 3.34   | cps   |
| Silver     | 107-1 | 525      | 492      | 417      | 478      | 11.61  | cps   |
| Sodium     | 23-2  | 4805489  | 4759230  | 4764518  | 4776413  | 0.53   | cps   |
| Strontium  | 86-1  | 58954    | 59003    | 59397    | 59118    | 0.41   | cps   |
| Strontium  | 88-1  | 516735   | 527765   | 516539   | 520346   | 1.23   | cps   |
| Sulfur     | 34-1  | 497496   | 492172   | 489052   | 492906   | 0.87   | cps   |
| Terbium    | 159-1 | 13254568 | 13902118 | 13978160 | 13711615 | 2.90   | cps   |
| Terbium    | 159-2 | 2357567  | 2413944  | 2393169  | 2388227  | 1.19   | cps   |
| Thallium   | 203-1 | 325      | 383      | 367      | 358      | 8.39   | cps   |
| Thallium   | 205-1 | 800      | 925      | 933      | 886      | 8.43   | cps   |
| Tin        | 118-1 | 3484     | 3826     | 3909     | 3740     | 6.02   | cps   |
| Titanium   | 47-1  | 333      | 200      | 233      | 256      | 27.15  | cps   |
| Uranium    | 238-1 | 2700     | 2517     | 2742     | 2653     | 4.51   | cps   |
| Vanadium   | 51-2  | 163      | 137      | 150      | 150      | 8.89   | cps   |
| Yttrium    | 89-1  | 9026838  | 9610543  | 9513523  | 9383635  | 3.33   | cps   |
| Yttrium    | 89-2  | 236994   | 241097   | 237843   | 238645   | 0.91   | cps   |
| Zinc       | 66-2  | 1347     | 1357     | 1510     | 1405     | 6.52   | cps   |

|                         |                     |                   |                     |
|-------------------------|---------------------|-------------------|---------------------|
| LB Number :             | LB97237             | Operator :        | Jaswal              |
| Lab Sample ID :         | J4379-25DLX25       | Instrumnet Name : | P8                  |
| Client Sample ID :      | MW-103DDL           | Dilution Factor : | 25                  |
| Date & Time Acquired :: | 2018-08-10 21:51:34 | DataFile Name :   | 154SMPL_P8081018-MS |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|-----------|------|------|------|------|---------|--------|-------|
| Zirconium | 90-1 | 4318 | 3717 | 3992 | 4009    | 7.49   | cps   |
| Zirconium | 91-1 | 917  | 717  | 875  | 836     | 12.62  | cps   |

|                         |                     |                   |                      |
|-------------------------|---------------------|-------------------|----------------------|
| LB Number :             | LB97237             | Operator :        | Jaswal               |
| Lab Sample ID :         | CCV03               | Instrumnet Name : | P8                   |
| Client Sample ID :      | CCV03               | Dilution Factor : | 1                    |
| Date & Time Acquired :: | 2018-08-10 21:54:55 | DataFile Name :   | 155CCV_P8081018-MS.I |

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|------------|-------|----------|----------|----------|----------|--------|-------|
| Aluminium  | 27-2  | 259432   | 259406   | 258296   | 259044   | 0.25   | cps   |
| Antimony   | 121-1 | 4503142  | 4498325  | 4504133  | 4501867  | 0.07   | cps   |
| Arsenic    | 75-2  | 38758    | 38149    | 38595    | 38500    | 0.82   | cps   |
| Barium     | 135-1 | 5024399  | 5055539  | 5012358  | 5030765  | 0.44   | cps   |
| Barium     | 137-1 | 8777627  | 8755116  | 8711854  | 8748199  | 0.38   | cps   |
| Beryllium  | 9-1   | 531375   | 528335   | 526826   | 528845   | 0.44   | cps   |
| Bismuth    | 209-1 | 9048979  | 8648909  | 8734635  | 8810841  | 2.39   | cps   |
| Bismuth    | 209-2 | 2042783  | 2061345  | 2081973  | 2062033  | 0.95   | cps   |
| Boron      | 10-1  | 62185    | 62344    | 64730    | 63086    | 2.26   | cps   |
| Boron      | 11-1  | 292161   | 302274   | 300939   | 298458   | 1.84   | cps   |
| Cadmium    | 111-1 | 941163   | 936704   | 934455   | 937441   | 0.36   | cps   |
| Cadmium    | 106-1 | 100682   | 100028   | 100633   | 100448   | 0.36   | cps   |
| Cadmium    | 108-1 | 67945    | 67757    | 66965    | 67556    | 0.77   | cps   |
| Calcium    | 43-1  | 4577006  | 4539510  | 4546386  | 4554301  | 0.44   | cps   |
| Calcium    | 44-1  | 74287991 | 74135141 | 73596356 | 74006496 | 0.49   | cps   |
| Chromium   | 52-2  | 347136   | 348777   | 344699   | 346871   | 0.59   | cps   |
| Cobalt     | 59-2  | 737798   | 737366   | 741534   | 738899   | 0.31   | cps   |
| Copper     | 63-2  | 1246140  | 1238927  | 1244298  | 1243122  | 0.30   | cps   |
| Dysprosium | 156-1 | 108      | 83       | 150      | 114      | 29.57  | cps   |
| Dysprosium | 156-2 | 10       | 13       | 17       | 13       | 25.01  | cps   |
| Erbium     | 164-1 | 25       | 58       | 42       | 42       | 40.00  | cps   |
| Erbium     | 164-2 | 3        | 17       | 7        | 9        | 78.08  | cps   |
| Gadolinium | 160-1 | 100      | 67       | 150      | 106      | 39.74  | cps   |
| Gadolinium | 160-2 | 10       | 27       | 30       | 22       | 48.22  | cps   |
| Holmium    | 165-1 | 13857027 | 13471754 | 13640323 | 13656368 | 1.41   | cps   |
| Holmium    | 165-2 | 2598903  | 2622652  | 2635368  | 2618975  | 0.71   | cps   |
| Indium     | 115-1 | 9622518  | 9432275  | 9622164  | 9558986  | 1.15   | cps   |
| Indium     | 115-2 | 339931   | 344605   | 347121   | 343886   | 1.06   | cps   |
| Iron       | 56-2  | 57168792 | 56890330 | 56922612 | 56993911 | 0.27   | cps   |
| Iron       | 57-2  | 1458280  | 1445467  | 1453828  | 1452525  | 0.45   | cps   |
| Krypton    | 83-1  | 357      | 317      | 337      | 337      | 5.94   | cps   |
| Lead       | 206-1 | 3454476  | 3405099  | 3391880  | 3417152  | 0.97   | cps   |
| Lead       | 207-1 | 3176816  | 3119187  | 3113069  | 3136358  | 1.12   | cps   |
| Lead       | 208-1 | 14185698 | 13901999 | 13925798 | 14004498 | 1.12   | cps   |
| Lithium    | 6-1   | 1575513  | 1532132  | 1537799  | 1548481  | 1.52   | cps   |
| Magnesium  | 24-2  | 6065106  | 6120751  | 6067679  | 6084512  | 0.52   | cps   |



|                         |                     |                   |                      |
|-------------------------|---------------------|-------------------|----------------------|
| LB Number :             | LB97237             | Operator :        | Jaswal               |
| Lab Sample ID :         | CCV03               | Instrumnet Name : | P8                   |
| Client Sample ID :      | CCV03               | Dilution Factor : | 1                    |
| Date & Time Acquired :: | 2018-08-10 21:54:55 | DataFile Name :   | 155CCV_P8081018-MS.I |

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|------------|-------|----------|----------|----------|----------|--------|-------|
| Manganese  | 55-2  | 188569   | 186527   | 189615   | 188237   | 0.83   | cps   |
| Molybdenum | 94-1  | 7648288  | 7656914  | 7590483  | 7631895  | 0.47   | cps   |
| Molybdenum | 95-1  | 9412850  | 9372870  | 9284448  | 9356723  | 0.70   | cps   |
| Molybdenum | 96-1  | 10491742 | 10428490 | 10420647 | 10446960 | 0.37   | cps   |
| Molybdenum | 97-1  | 5984139  | 5897230  | 5961502  | 5947624  | 0.76   | cps   |
| Molybdenum | 98-1  | 15333676 | 15277538 | 15175214 | 15262143 | 0.53   | cps   |
| Neodymium  | 150-1 | 213      | 193      | 227      | 211      | 7.95   | cps   |
| Neodymium  | 150-2 | 3        | 7        | 3        | 4        | 43.40  | cps   |
| Nickel     | 60-2  | 218891   | 217443   | 214969   | 217101   | 0.91   | cps   |
| Phosphorus | 31-2  | 3351     | 2900     | 2934     | 3062     | 8.19   | cps   |
| Potassium  | 39-2  | 1518657  | 1524269  | 1538429  | 1527118  | 0.67   | cps   |
| Rhodium    | 103-1 | 8649648  | 8460929  | 8543495  | 8551357  | 1.11   | cps   |
| Rhodium    | 103-2 | 2122430  | 2155426  | 2153377  | 2143744  | 0.86   | cps   |
| Scandium   | 45-1  | 5303888  | 5127968  | 5151364  | 5194407  | 1.84   | cps   |
| Scandium   | 45-2  | 34603    | 34686    | 34723    | 34671    | 0.18   | cps   |
| Selenium   | 77-2  | 250      | 247      | 260      | 252      | 2.75   | cps   |
| Selenium   | 78-2  | 867      | 924      | 902      | 898      | 3.23   | cps   |
| Selenium   | 82-1  | 54986    | 54716    | 54640    | 54781    | 0.33   | cps   |
| Silicon    | 28-1  | 1892079  | 1901687  | 1880538  | 1891434  | 0.56   | cps   |
| Silver     | 109-1 | 4502695  | 4485427  | 4448484  | 4478869  | 0.62   | cps   |
| Silver     | 107-1 | 4731045  | 4682781  | 4670979  | 4694935  | 0.68   | cps   |
| Sodium     | 23-2  | 13636757 | 13639797 | 13658919 | 13645158 | 0.09   | cps   |
| Strontium  | 86-1  | 1141517  | 1142768  | 1135893  | 1140059  | 0.32   | cps   |
| Strontium  | 88-1  | 10024424 | 10064895 | 10061047 | 10050122 | 0.22   | cps   |
| Sulfur     | 34-1  | 581108   | 579476   | 573197   | 577927   | 0.72   | cps   |
| Terbium    | 159-1 | 14130981 | 13725360 | 13725648 | 13860663 | 1.69   | cps   |
| Terbium    | 159-2 | 2421790  | 2494508  | 2469085  | 2461794  | 1.50   | cps   |
| Thallium   | 203-1 | 4215237  | 4179817  | 4160842  | 4185299  | 0.66   | cps   |
| Thallium   | 205-1 | 10064534 | 9859564  | 9867732  | 9930610  | 1.17   | cps   |
| Tin        | 118-1 | 3262752  | 3226027  | 3261509  | 3250096  | 0.64   | cps   |
| Titanium   | 47-1  | 2297457  | 2278754  | 2289805  | 2288672  | 0.41   | cps   |
| Uranium    | 238-1 | 14344753 | 14223270 | 13953744 | 14173922 | 1.41   | cps   |
| Vanadium   | 51-2  | 250590   | 250480   | 252648   | 251239   | 0.49   | cps   |
| Yttrium    | 89-1  | 9818193  | 9653302  | 9672325  | 9714607  | 0.93   | cps   |
| Yttrium    | 89-2  | 252342   | 259140   | 259099   | 256860   | 1.52   | cps   |
| Zinc       | 66-2  | 106827   | 106508   | 106558   | 106631   | 0.16   | cps   |

|                         |                     |                   |                      |
|-------------------------|---------------------|-------------------|----------------------|
| LB Number :             | LB97237             | Operator :        | Jaswal               |
| Lab Sample ID :         | CCV03               | Instrumnet Name : | P8                   |
| Client Sample ID :      | CCV03               | Dilution Factor : | 1                    |
| Date & Time Acquired :: | 2018-08-10 21:54:55 | DataFile Name :   | 155CCV_P8081018-MS.I |

| Parameter | Mass | CPS1    | CPS2    | CPS3    | CPSMean | CPSRSD | Units |
|-----------|------|---------|---------|---------|---------|--------|-------|
| Zirconium | 90-1 | 6333606 | 6321311 | 6357700 | 6337539 | 0.29   | cps   |
| Zirconium | 91-1 | 1439306 | 1427064 | 1433171 | 1433180 | 0.43   | cps   |

|                         |                     |                   |                     |
|-------------------------|---------------------|-------------------|---------------------|
| LB Number :             | LB97237             | Operator :        | Jaswal              |
| Lab Sample ID :         | CCB03               | Instrumnet Name : | P8                  |
| Client Sample ID :      | CCB03               | Dilution Factor : | 1                   |
| Date & Time Acquired :: | 2018-08-10 21:58:06 | DataFile Name :   | 156CCBE_P8081018-M8 |

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|------------|-------|----------|----------|----------|----------|--------|-------|
| Aluminium  | 27-2  | 5        | 10       | 10       | 8        | 34.64  | cps   |
| Antimony   | 121-1 | 9812     | 9045     | 8511     | 9123     | 7.17   | cps   |
| Arsenic    | 75-2  | 11       | 13       | 7        | 10       | 26.93  | cps   |
| Barium     | 135-1 | 167      | 142      | 75       | 128      | 37.09  | cps   |
| Barium     | 137-1 | 208      | 175      | 150      | 178      | 16.46  | cps   |
| Beryllium  | 9-1   | 350      | 433      | 400      | 394      | 10.63  | cps   |
| Bismuth    | 209-1 | 9184230  | 8443384  | 9120899  | 8916171  | 4.61   | cps   |
| Bismuth    | 209-2 | 2204773  | 2216863  | 2226223  | 2215953  | 0.49   | cps   |
| Boron      | 10-1  | 3659     | 2959     | 2592     | 3070     | 17.66  | cps   |
| Boron      | 11-1  | 15259    | 14141    | 12856    | 14085    | 8.54   | cps   |
| Cadmium    | 111-1 | 1402     | 1261     | 1457     | 1373     | 7.35   | cps   |
| Cadmium    | 106-1 | 1900     | 1725     | 1984     | 1870     | 7.05   | cps   |
| Cadmium    | 108-1 | 17       | 13       | 21       | 17       | 24.99  | cps   |
| Calcium    | 43-1  | 517      | 450      | 558      | 508      | 10.75  | cps   |
| Calcium    | 44-1  | 12590    | 12456    | 12064    | 12370    | 2.21   | cps   |
| Chromium   | 52-2  | 293      | 323      | 347      | 321      | 8.33   | cps   |
| Cobalt     | 59-2  | 33       | 37       | 40       | 37       | 9.10   | cps   |
| Copper     | 63-2  | 637      | 473      | 540      | 550      | 14.93  | cps   |
| Dysprosium | 156-1 | 8        | 8        | 8        | 8        | 0.00   | cps   |
| Dysprosium | 156-2 | 10       | 0        | 0        | 3        | 173.21 | cps   |
| Erbium     | 164-1 | 50       | 50       | 25       | 42       | 34.64  | cps   |
| Erbium     | 164-2 | 0        | 10       | 10       | 7        | 86.60  | cps   |
| Gadolinium | 160-1 | 75       | 67       | 58       | 67       | 12.49  | cps   |
| Gadolinium | 160-2 | 3        | 3        | 10       | 6        | 69.34  | cps   |
| Holmium    | 165-1 | 13589785 | 12647016 | 13404984 | 13213928 | 3.78   | cps   |
| Holmium    | 165-2 | 2645408  | 2666273  | 2623035  | 2644905  | 0.82   | cps   |
| Indium     | 115-1 | 9952128  | 9198430  | 9818827  | 9656462  | 4.17   | cps   |
| Indium     | 115-2 | 366185   | 363295   | 362759   | 364080   | 0.51   | cps   |
| Iron       | 56-2  | 2711     | 2417     | 2056     | 2395     | 13.71  | cps   |
| Iron       | 57-2  | 78       | 50       | 72       | 67       | 22.05  | cps   |
| Krypton    | 83-1  | 293      | 310      | 277      | 293      | 5.68   | cps   |
| Lead       | 206-1 | 500      | 517      | 528      | 515      | 2.72   | cps   |
| Lead       | 207-1 | 483      | 511      | 400      | 465      | 12.44  | cps   |
| Lead       | 208-1 | 2000     | 1967     | 1856     | 1941     | 3.90   | cps   |
| Lithium    | 6-1   | 1624481  | 1491342  | 1609271  | 1575031  | 4.63   | cps   |
| Magnesium  | 24-2  | 408      | 383      | 425      | 406      | 5.17   | cps   |

|                         |                     |                   |                     |
|-------------------------|---------------------|-------------------|---------------------|
| LB Number :             | LB97237             | Operator :        | Jaswal              |
| Lab Sample ID :         | CCB03               | Instrumnet Name : | P8                  |
| Client Sample ID :      | CCB03               | Dilution Factor : | 1                   |
| Date & Time Acquired :: | 2018-08-10 21:58:06 | DataFile Name :   | 156CCBE_P8081018-M5 |

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|------------|-------|----------|----------|----------|----------|--------|-------|
| Manganese  | 55-2  | 37       | 53       | 43       | 44       | 18.87  | cps   |
| Molybdenum | 94-1  | 3242     | 3084     | 2617     | 2981     | 10.90  | cps   |
| Molybdenum | 95-1  | 4076     | 3417     | 3226     | 3573     | 12.48  | cps   |
| Molybdenum | 96-1  | 4668     | 3934     | 3684     | 4095     | 12.48  | cps   |
| Molybdenum | 97-1  | 2575     | 2100     | 1859     | 2178     | 16.74  | cps   |
| Molybdenum | 98-1  | 6310     | 5601     | 5060     | 5657     | 11.09  | cps   |
| Neodymium  | 150-1 | 7        | 0        | 13       | 7        | 99.98  | cps   |
| Neodymium  | 150-2 | 0        | 0        | 0        | 0        | 0.00   | cps   |
| Nickel     | 60-2  | 57       | 97       | 73       | 76       | 26.59  | cps   |
| Phosphorus | 31-2  | 0        | 0        | 0        | 0        | 0.00   | cps   |
| Potassium  | 39-2  | 2217     | 1942     | 1842     | 2000     | 9.71   | cps   |
| Rhodium    | 103-1 | 9109911  | 8483540  | 8981936  | 8858462  | 3.74   | cps   |
| Rhodium    | 103-2 | 2347037  | 2329206  | 2348282  | 2341508  | 0.46   | cps   |
| Scandium   | 45-1  | 5137613  | 4807458  | 5118671  | 5021247  | 3.69   | cps   |
| Scandium   | 45-2  | 34596    | 34098    | 34098    | 34264    | 0.84   | cps   |
| Selenium   | 77-2  | 0        | 3        | 0        | 1        | 173.21 | cps   |
| Selenium   | 78-2  | 2        | 2        | 2        | 2        | 0.00   | cps   |
| Selenium   | 82-1  | 18       | 20       | 47       | 28       | 57.87  | cps   |
| Silicon    | 28-1  | 236907   | 238592   | 239928   | 238476   | 0.63   | cps   |
| Silver     | 109-1 | 517      | 492      | 333      | 447      | 22.23  | cps   |
| Silver     | 107-1 | 458      | 483      | 442      | 461      | 4.55   | cps   |
| Sodium     | 23-2  | 9278     | 8953     | 8778     | 9003     | 2.82   | cps   |
| Strontium  | 86-1  | 558      | 700      | 425      | 561      | 24.51  | cps   |
| Strontium  | 88-1  | 383      | 392      | 300      | 358      | 14.15  | cps   |
| Sulfur     | 34-1  | 318891   | 318627   | 316941   | 318153   | 0.33   | cps   |
| Terbium    | 159-1 | 13878364 | 12852506 | 13700996 | 13477289 | 4.07   | cps   |
| Terbium    | 159-2 | 2505939  | 2498361  | 2509868  | 2504723  | 0.23   | cps   |
| Thallium   | 203-1 | 1183     | 1067     | 917      | 1056     | 12.67  | cps   |
| Thallium   | 205-1 | 2567     | 2409     | 2609     | 2528     | 4.17   | cps   |
| Tin        | 118-1 | 4318     | 3851     | 3484     | 3884     | 10.76  | cps   |
| Titanium   | 47-1  | 192      | 167      | 133      | 164      | 17.86  | cps   |
| Uranium    | 238-1 | 508      | 567      | 475      | 517      | 8.98   | cps   |
| Vanadium   | 51-2  | 0        | 0        | 7        | 2        | 173.21 | cps   |
| Yttrium    | 89-1  | 9692538  | 9021378  | 9712887  | 9475601  | 4.15   | cps   |
| Yttrium    | 89-2  | 261731   | 259480   | 256283   | 259165   | 1.06   | cps   |
| Zinc       | 66-2  | 90       | 110      | 90       | 97       | 11.95  | cps   |

|                         |                     |                   |                     |
|-------------------------|---------------------|-------------------|---------------------|
| LB Number :             | LB97237             | Operator :        | Jaswal              |
| Lab Sample ID :         | CCB03               | Instrumnet Name : | P8                  |
| Client Sample ID :      | CCB03               | Dilution Factor : | 1                   |
| Date & Time Acquired :: | 2018-08-10 21:58:06 | DataFile Name :   | 156CCBE_P8081018-MS |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|-----------|------|------|------|------|---------|--------|-------|
| Zirconium | 90-1 | 2867 | 2817 | 2867 | 2850    | 1.01   | cps   |
| Zirconium | 91-1 | 675  | 567  | 633  | 625     | 8.74   | cps   |